

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110819\  
 Data File : PL054148.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2019 15:31  
 Operator : SG\AJ  
 Sample : K5683-02  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OILY-WATER

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 22:06:47 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 2019  
 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... | 3.557  | 0.000  | 576.1E6    | 0         | 53.147   | N.D. #     |
| 2)                          | SA Decachlor... | 8.340  | 9.119  | 182.5E6    | 77999908  | 18.603   | 27.699 #   |
| Target Compounds            |                 |        |        |            |           |          |            |
| 2)                          | A alpha-BHC     | 4.005f | 4.429  | 88629839   | 6110840   | 5.083    | 1.768 #    |
| 3)                          | MA gamma-BHC... | 4.282  | 4.730  | -252380595 | 70381531  | N.D.     | 21.855     |
| 4)                          | MA Heptachlor   | 4.585  | 0.000  | 464.9E6    | 0         | 29.454   | N.D. #     |
| 5)                          | MB Aldrin       | 4.838  | 5.535  | 470.8E6    | 84399042  | 32.935   | 28.307     |
| 6)                          | B beta-BHC      | 4.499f | 0.000  | 615.5E6    | 0         | 93.403   | N.D. #     |
| 7)                          | B delta-BHC     | 4.738  | 5.086f | 706.5E6    | 57293855  | 46.418   | 18.968 #   |
| 8)                          | B Heptachlo...  | 5.266  | 0.000  | 608.5E6    | 0         | 45.078   | N.D. #     |
| 9)                          | A Endosulfan I  | 5.612  | 6.268  | 891.6E6    | 372.8E6   | 72.538   | 137.510 #  |
| 10)                         | B gamma-Chl...  | 5.531f | 6.171  | 1264.6E6   | 224.9E6   | 92.686   | 77.084     |
| 11)                         | B alpha-Chl...  | 5.566  | 6.203f | 580.3E6    | 330.7E6   | 43.617   | 113.299 #  |
| 12)                         | B 4,4'-DDE      | 5.706f | 6.395  | 665.1E6    | 62194460  | 55.975   | 22.083 #   |
| 13)                         | MA Dieldrin     | 5.880  | 6.548  | 850.1E6    | 483.8E6   | 65.228   | 169.532 #  |
| 14)                         | MA Endrin       | 6.123  | 6.777f | 206.6E6    | 135.6E6   | 17.823   | 55.860 #   |
| 15)                         | B Endosulfa...  | 6.379f | 6.966  | 2334.1E6   | 245.2E6   | 208.765  | 95.994 #   |
| 16)                         | A 4,4'-DDD      | 6.266f | 6.873  | 667.2E6    | 125.4E6   | 74.972   | 60.160     |
| 17)                         | MA 4,4'-DDT     | 6.520f | 7.173  | 594.5E6    | 405.3E6   | 60.009   | 175.274 #  |
| 18)                         | B Endrin al...  | 6.562  | 7.097  | 476.0E6    | 491.6E6   | 51.914   | 223.771 #  |
| 19)                         | B Endosulfa...  | 6.765f | 7.338f | 1077.1E6   | -46487849 | 105.896  | N.D. #     |
| 20)                         | A Methoxychlor  | 7.037  | 7.634  | 743.4E6    | 119.2E6   | 150.780  | 91.750 #   |
| 21)                         | B Endrin ke...  | 7.281  | 7.795  | 5648119    | 21264861  | 0.525    | 8.247 #    |
| 22)                         | Mirex           | 7.465  | 8.227  | 644.3E6    | 362.2E6   | 75.330   | 179.034 #  |
| 23)                         | Chlordane-1     | 4.409f | 5.035  | 612.2E6    | 166.5E6   | 1726.149 | 1985.606   |
| 24)                         | Chlordane-2     | 4.947  | 5.490f | 1277.4E6   | 34944735  | 3315.116 | 355.775 #  |
| 25)                         | Chlordane-3     | 5.531f | 6.171  | 1264.6E6   | 224.9E6   | 1097.068 | 615.823 #  |
| 26)                         | Chlordane-4     | 5.566  | 6.203f | 580.3E6    | 330.7E6   | 618.980  | 736.727    |
| 27)                         | Chlordane-5     | 6.379f | 7.024  | 2334.1E6   | 299.3E6   | 6385.184 | 3914.512 # |
| -----                       |                 |        |        |            |           |          |            |

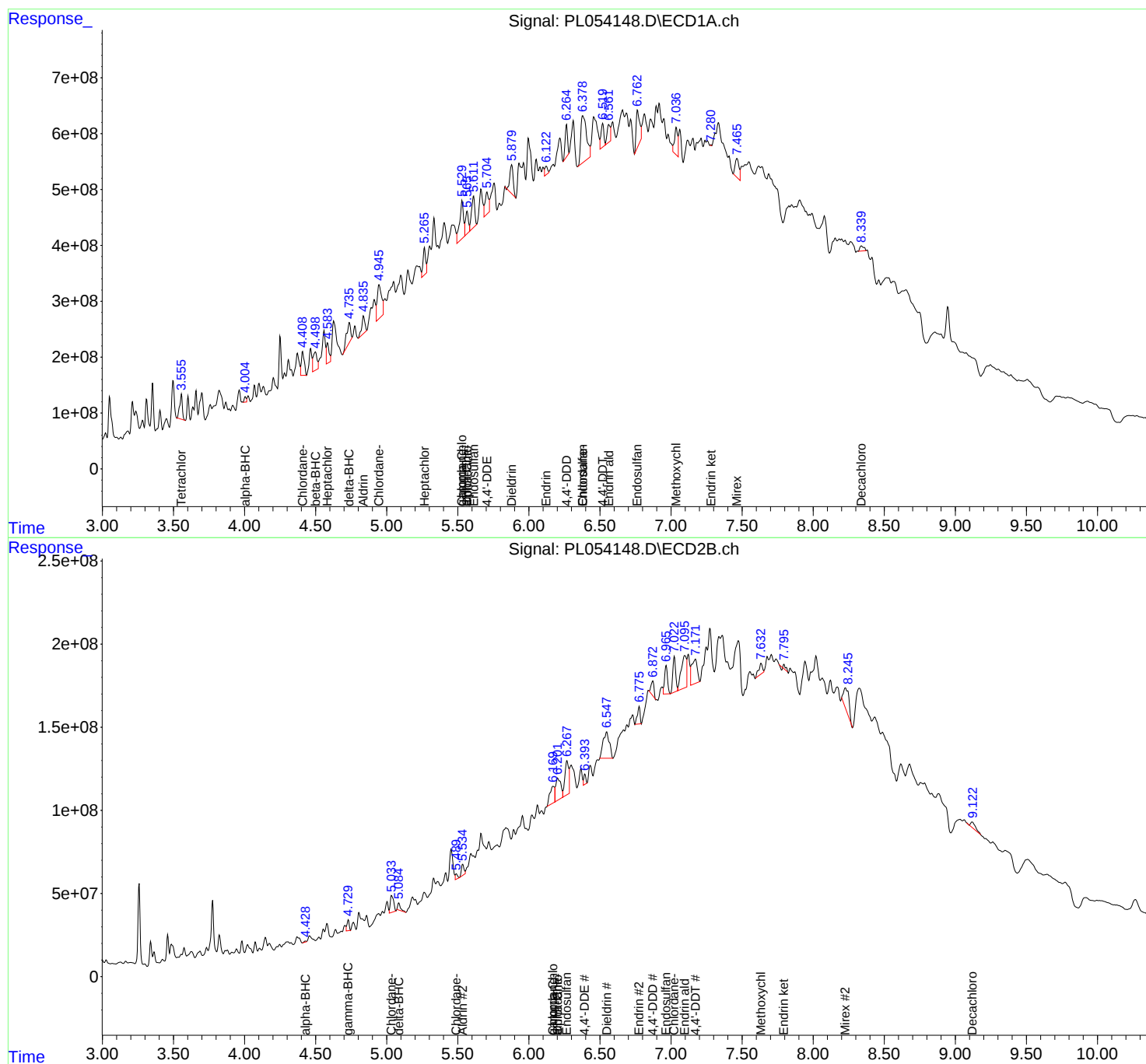
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

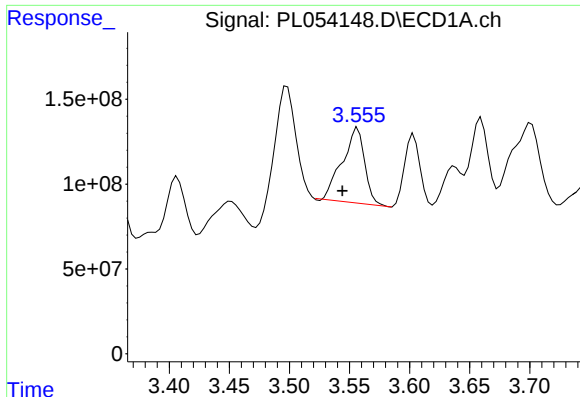
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110819\  
 Data File : PL054148.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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 OILY-WATER

Integration File signal 1: autoint1.e  
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 Quant Time: Nov 08 22:06:47 2019  
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 Quant Title : GC Extractables  
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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

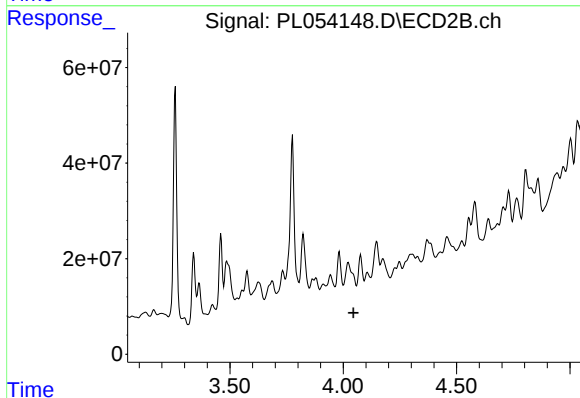




#1 Tetrachloro-m-xylene

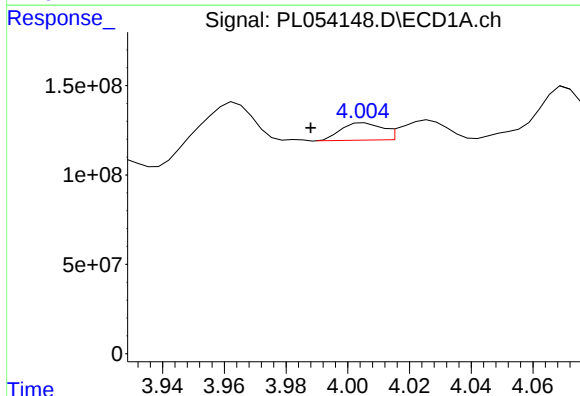
R.T.: 3.557 min  
Delta R.T.: 0.013 min  
Response: 576079835  
Conc: 53.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



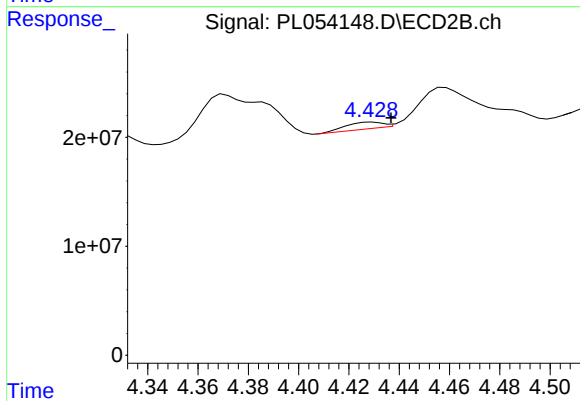
#1 Tetrachloro-m-xylene

R.T.: 0.000 min  
Exp R.T. : 4.046 min  
Response: 0  
Conc: N.D.



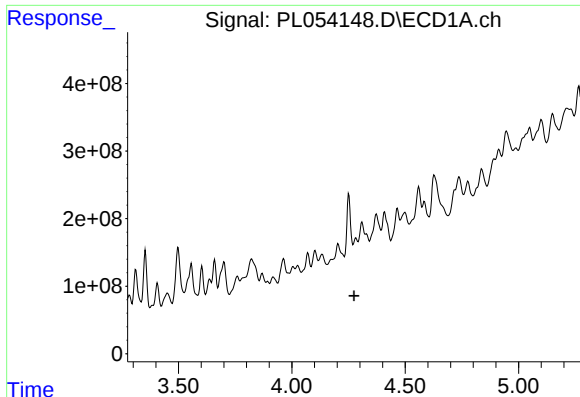
#2 alpha-BHC

R.T.: 4.005 min  
Delta R.T.: 0.018 min  
Response: 88629839  
Conc: 5.08 ng/ml



#2 alpha-BHC

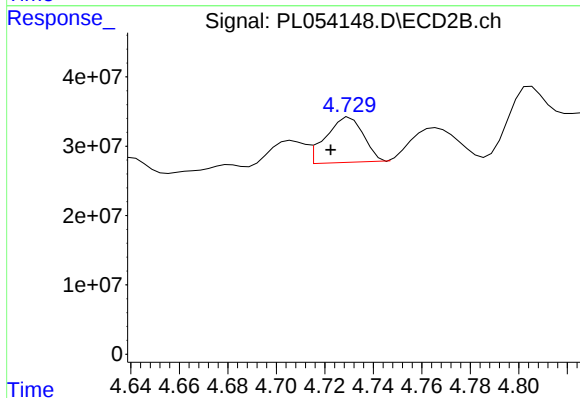
R.T.: 4.429 min  
Delta R.T.: -0.008 min  
Response: 6110840  
Conc: 1.77 ng/ml



#3 gamma-BHC (Lindane)

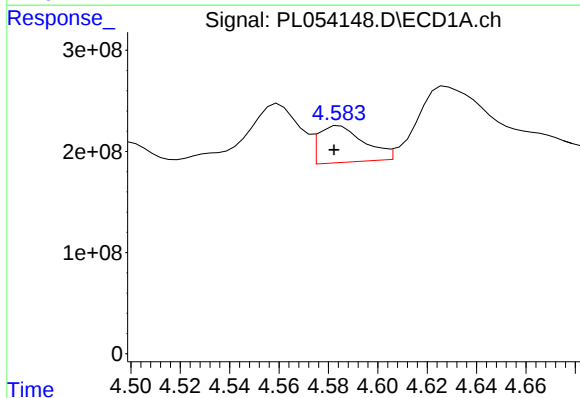
R.T.: 4.282 min  
Delta R.T.: 0.008 min  
Response: -252380595  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



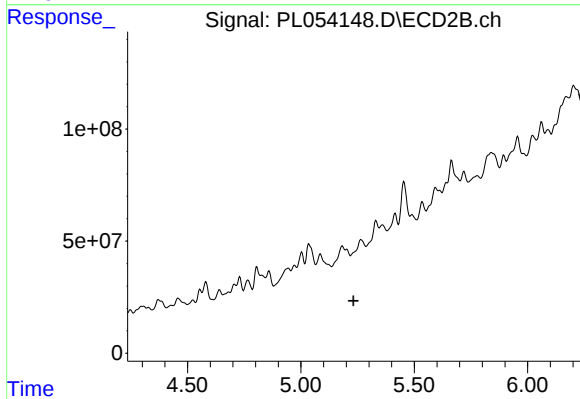
#3 gamma-BHC (Lindane)

R.T.: 4.730 min  
Delta R.T.: 0.008 min  
Response: 70381531  
Conc: 21.86 ng/ml



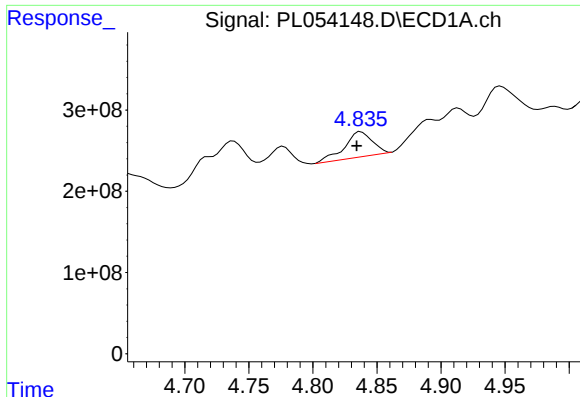
#4 Heptachlor

R.T.: 4.585 min  
Delta R.T.: 0.002 min  
Response: 464863391  
Conc: 29.45 ng/ml



#4 Heptachlor

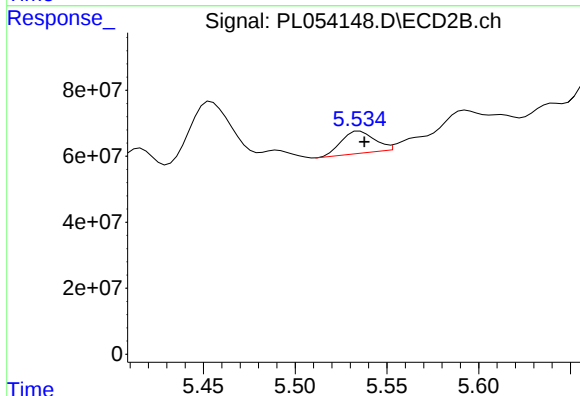
R.T.: 0.000 min  
Exp R.T.: 5.232 min  
Response: 0  
Conc: N.D.



#5 Aldrin

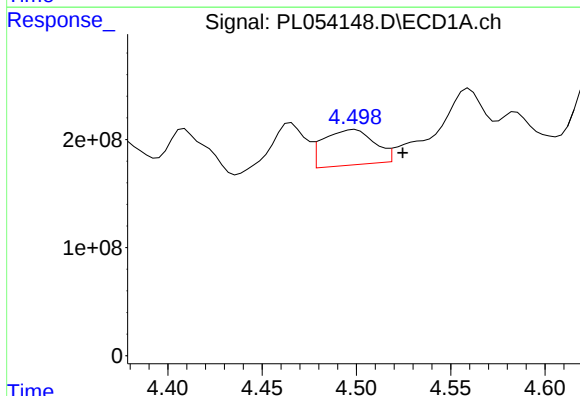
R.T.: 4.838 min  
Delta R.T.: 0.003 min  
Response: 470831086  
Conc: 32.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



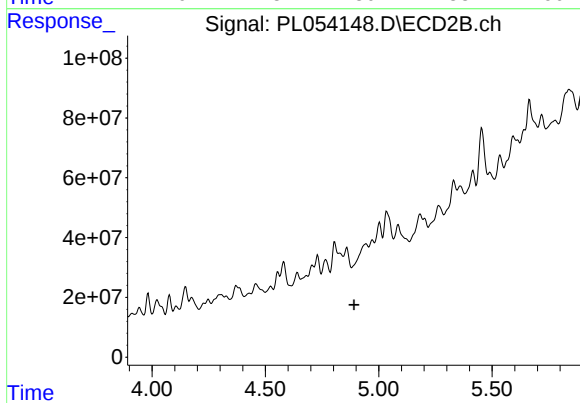
#5 Aldrin

R.T.: 5.535 min  
Delta R.T.: -0.002 min  
Response: 84399042  
Conc: 28.31 ng/ml



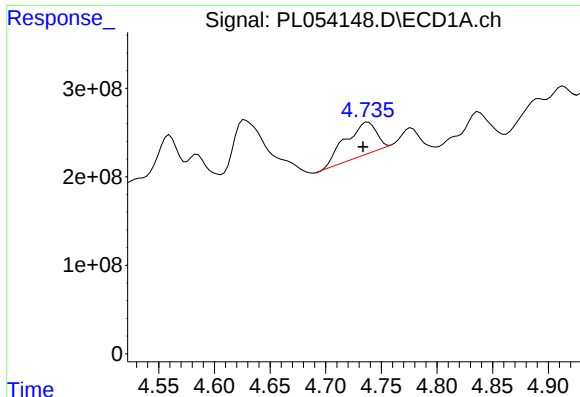
#6 beta-BHC

R.T.: 4.499 min  
Delta R.T.: -0.026 min  
Response: 615513754  
Conc: 93.40 ng/ml



#6 beta-BHC

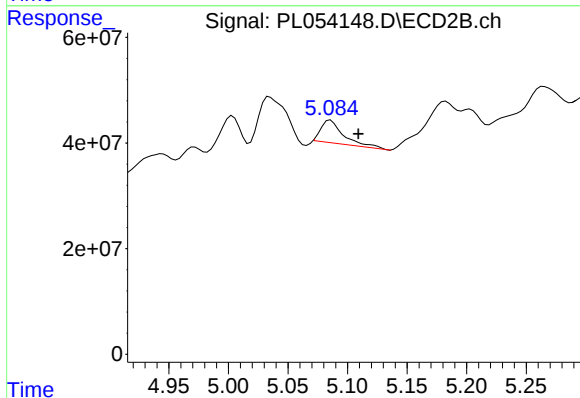
R.T.: 0.000 min  
Exp R.T.: 4.892 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

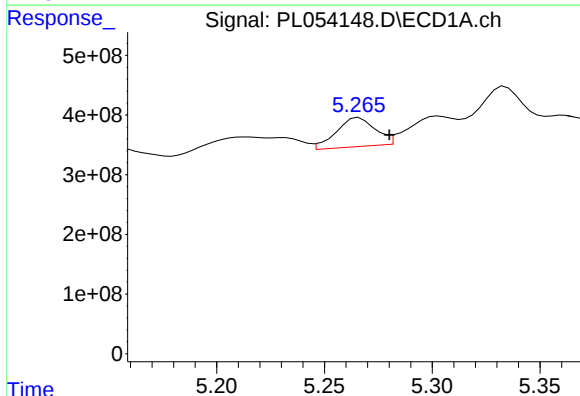
R.T.: 4.738 min  
Delta R.T.: 0.004 min  
Response: 706528023  
Conc: 46.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



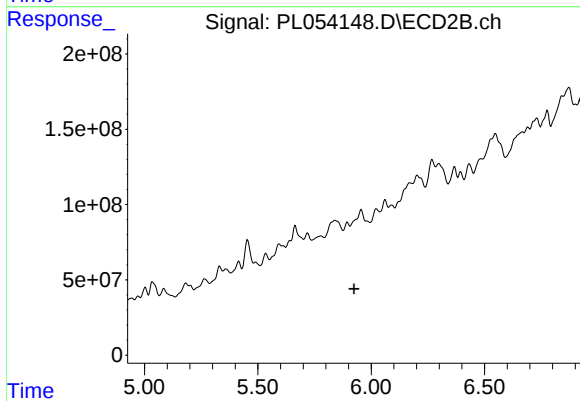
#7 delta-BHC

R.T.: 5.086 min  
Delta R.T.: -0.023 min  
Response: 57293855  
Conc: 18.97 ng/ml



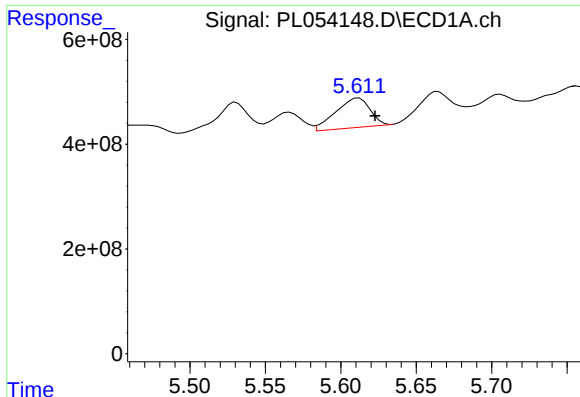
#8 Heptachlor epoxide

R.T.: 5.266 min  
Delta R.T.: -0.014 min  
Response: 608513209  
Conc: 45.08 ng/ml



#8 Heptachlor epoxide

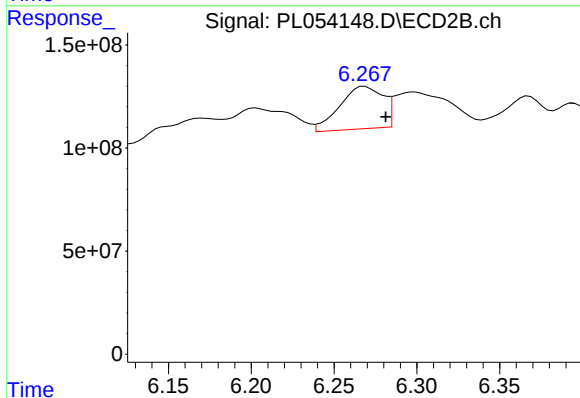
R.T.: 0.000 min  
Exp R.T.: 5.925 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

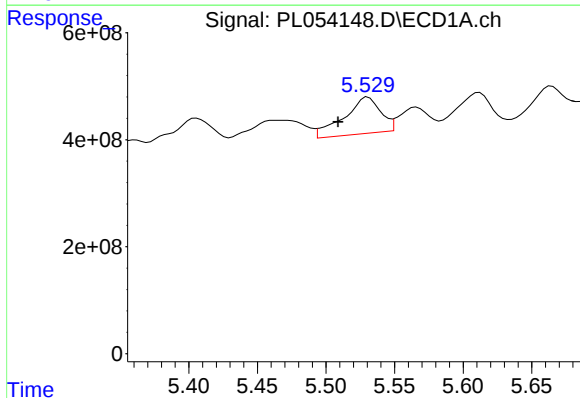
R.T.: 5.612 min  
Delta R.T.: -0.011 min  
Response: 891643558  
Conc: 72.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



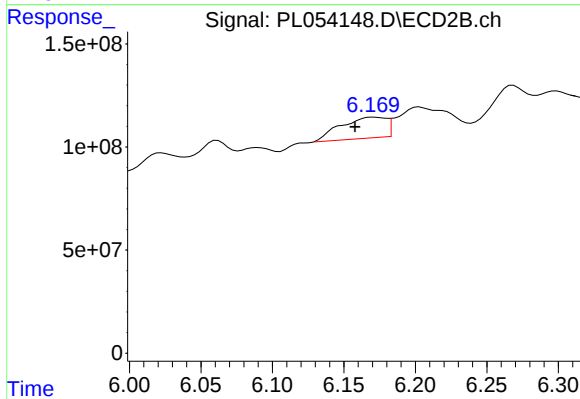
#9 Endosulfan I

R.T.: 6.268 min  
Delta R.T.: -0.013 min  
Response: 372823259  
Conc: 137.51 ng/ml



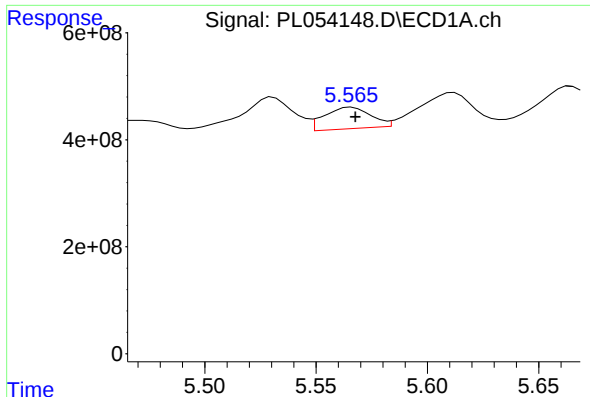
#10 gamma-Chlordane

R.T.: 5.531 min  
Delta R.T.: 0.022 min  
Response: 1264575842  
Conc: 92.69 ng/ml



#10 gamma-Chlordane

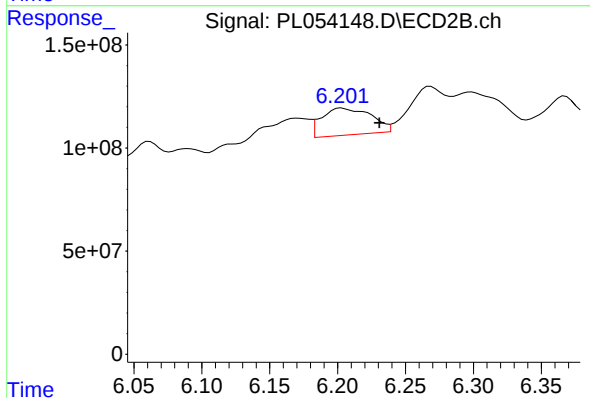
R.T.: 6.171 min  
Delta R.T.: 0.013 min  
Response: 224917123  
Conc: 77.08 ng/ml



#11 alpha-Chlordane

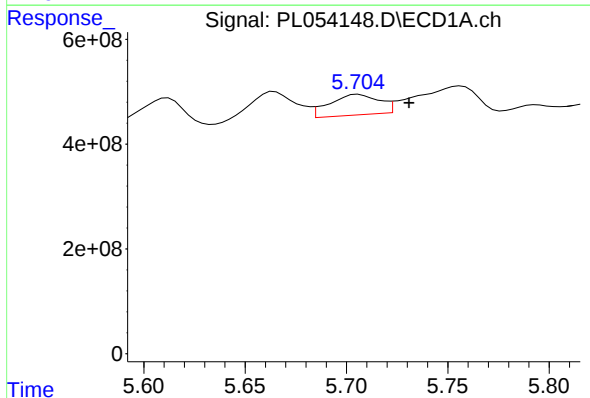
R.T.: 5.566 min  
Delta R.T.: -0.002 min  
Response: 580263948  
Conc: 43.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



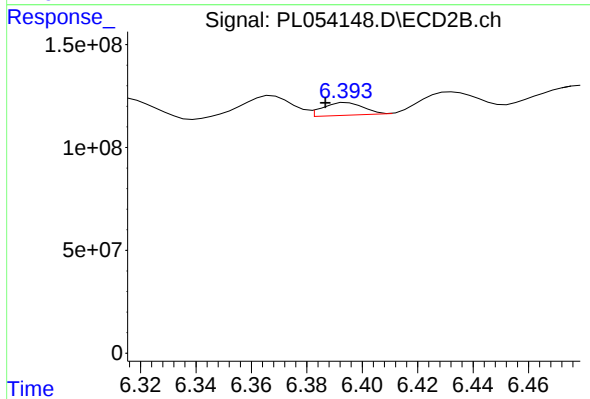
#11 alpha-Chlordane

R.T.: 6.203 min  
Delta R.T.: -0.028 min  
Response: 330743897  
Conc: 113.30 ng/ml



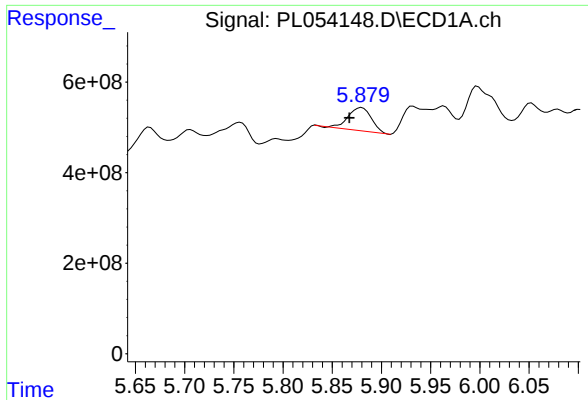
#12 4,4'-DDE

R.T.: 5.706 min  
Delta R.T.: -0.025 min  
Response: 665105108  
Conc: 55.97 ng/ml



#12 4,4'-DDE

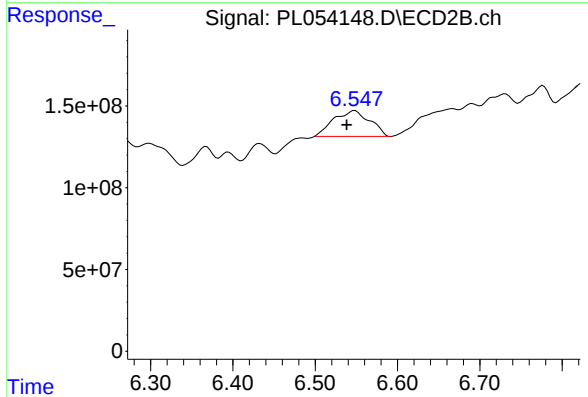
R.T.: 6.395 min  
Delta R.T.: 0.008 min  
Response: 62194460  
Conc: 22.08 ng/ml



#13 Dieldrin

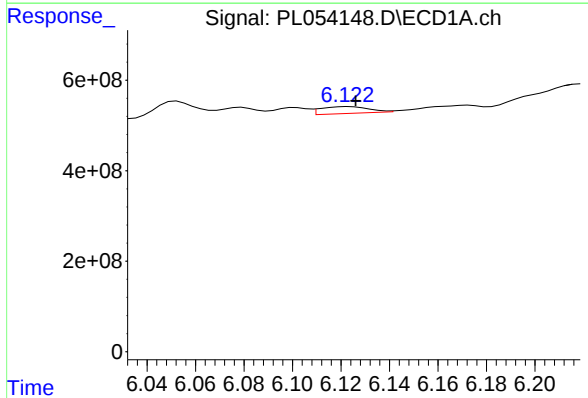
R.T.: 5.880 min  
Delta R.T.: 0.012 min  
Response: 850149367  
Conc: 65.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



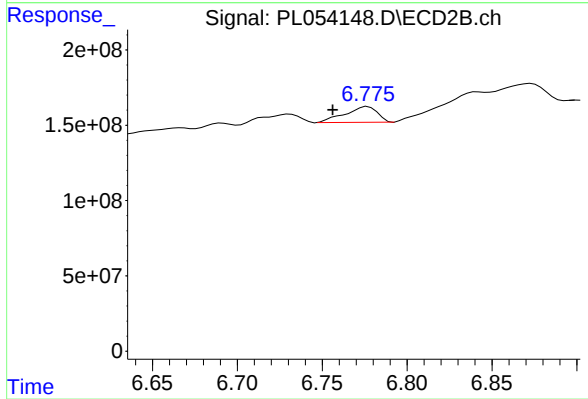
#13 Dieldrin

R.T.: 6.548 min  
Delta R.T.: 0.010 min  
Response: 483784509  
Conc: 169.53 ng/ml



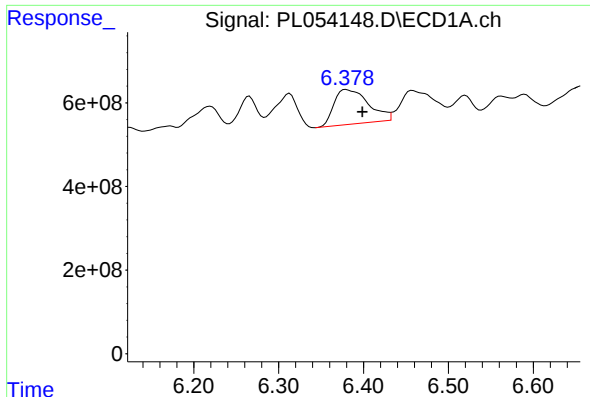
#14 Endrin

R.T.: 6.123 min  
Delta R.T.: -0.003 min  
Response: 206587614  
Conc: 17.82 ng/ml



#14 Endrin

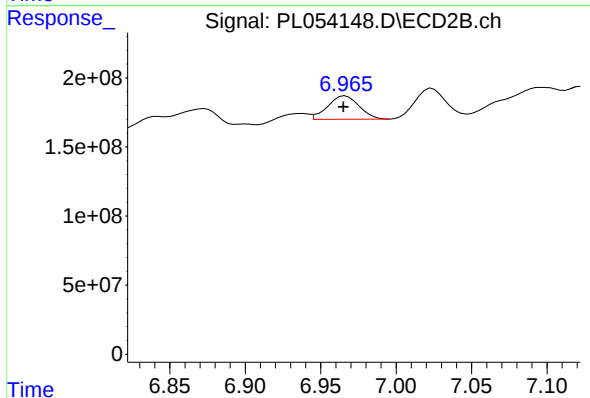
R.T.: 6.777 min  
Delta R.T.: 0.021 min  
Response: 135583447  
Conc: 55.86 ng/ml



#15 Endosulfan II

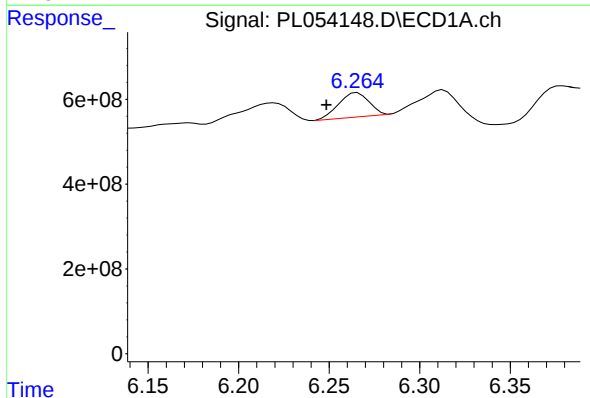
R.T.: 6.379 min  
Delta R.T.: -0.020 min  
Response: 2334067401  
Conc: 208.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



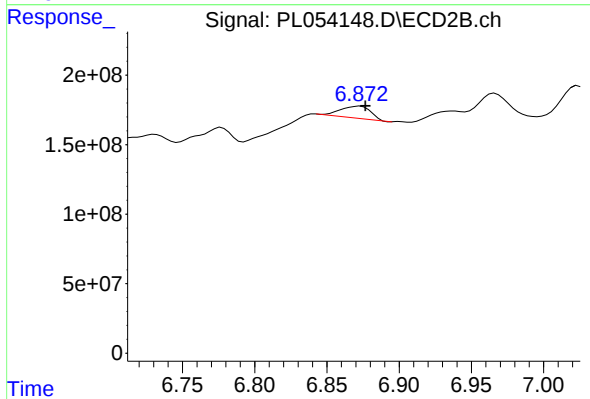
#15 Endosulfan II

R.T.: 6.966 min  
Delta R.T.: 0.001 min  
Response: 245215564  
Conc: 95.99 ng/ml



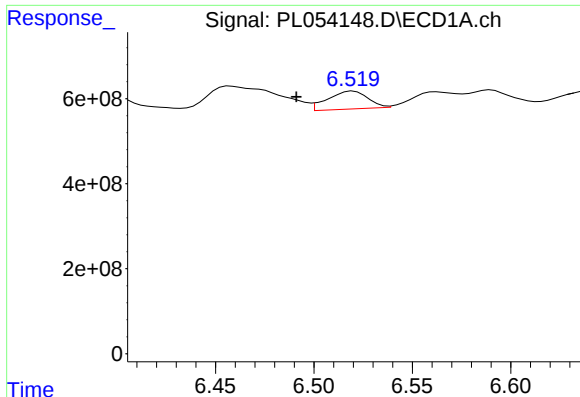
#16 4,4'-DDD

R.T.: 6.266 min  
Delta R.T.: 0.017 min  
Response: 667244304  
Conc: 74.97 ng/ml



#16 4,4'-DDD

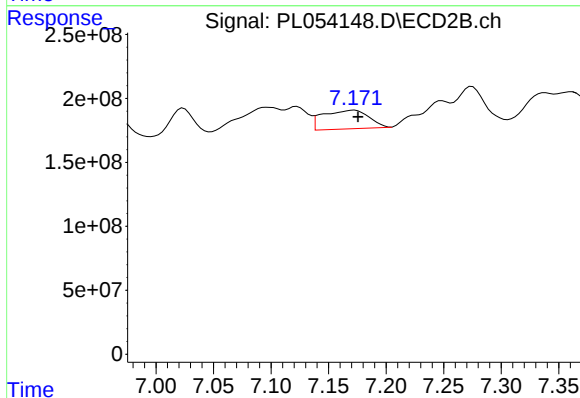
R.T.: 6.873 min  
Delta R.T.: -0.004 min  
Response: 125370719  
Conc: 60.16 ng/ml



#17 4,4'-DDT

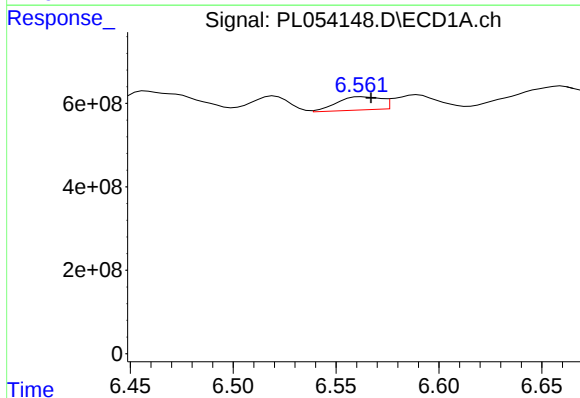
R.T.: 6.520 min  
Delta R.T.: 0.029 min  
Response: 594465795  
Conc: 60.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



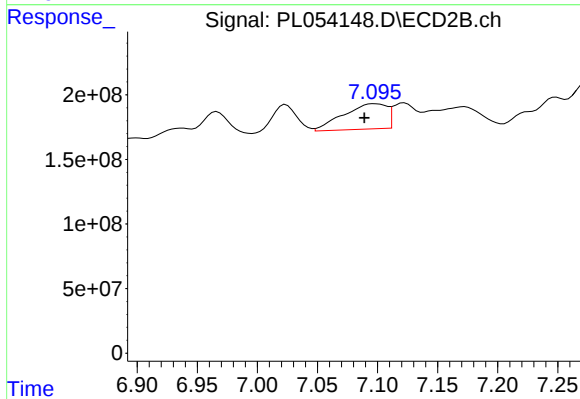
#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 405324097  
Conc: 175.27 ng/ml



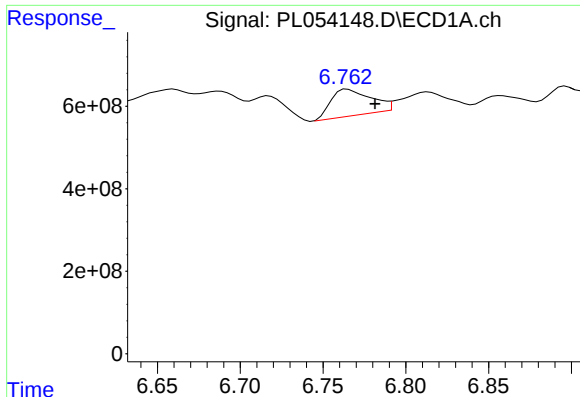
#18 Endrin aldehyde

R.T.: 6.562 min  
Delta R.T.: -0.004 min  
Response: 476014915  
Conc: 51.91 ng/ml



#18 Endrin aldehyde

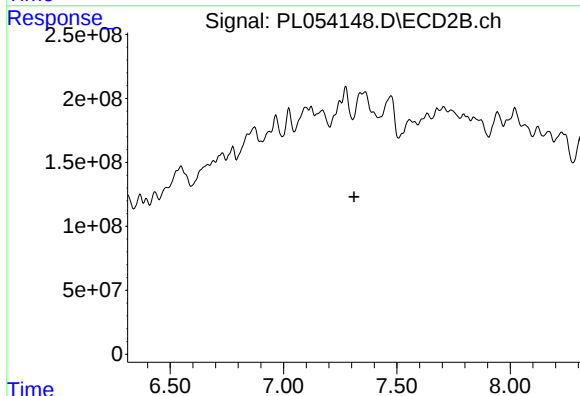
R.T.: 7.097 min  
Delta R.T.: 0.008 min  
Response: 491573707  
Conc: 223.77 ng/ml



#19 Endosulfan Sulfate

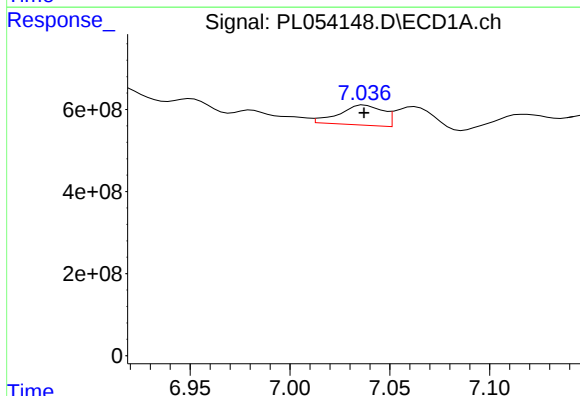
R.T.: 6.765 min  
Delta R.T.: -0.017 min  
Response: 1077138198  
Conc: 105.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



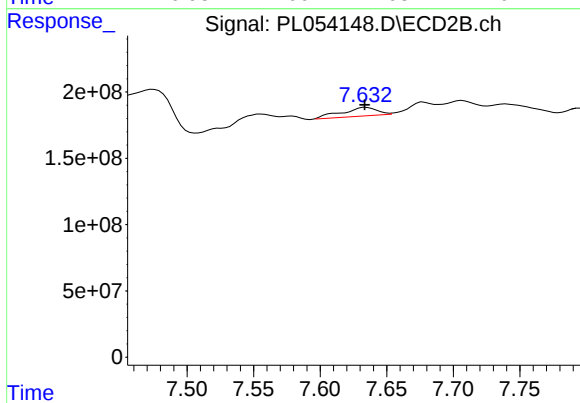
#19 Endosulfan Sulfate

R.T.: 7.338 min  
Delta R.T.: 0.027 min  
Response: -46487849  
Conc: N.D.



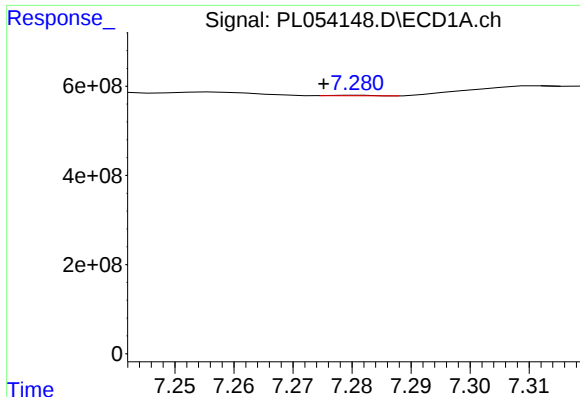
#20 Methoxychlor

R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 743397087  
Conc: 150.78 ng/ml



#20 Methoxychlor

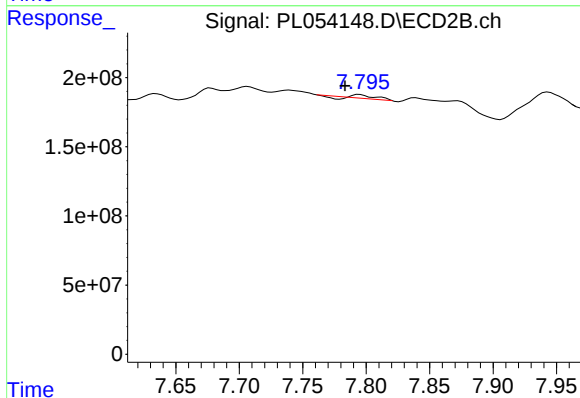
R.T.: 7.634 min  
Delta R.T.: 0.000 min  
Response: 119174453  
Conc: 91.75 ng/ml



#21 Endrin ketone

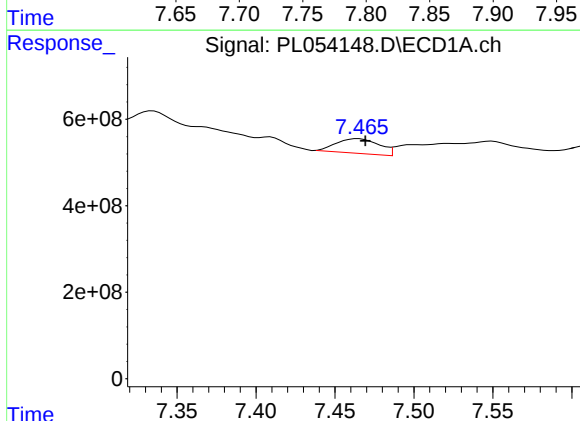
R.T.: 7.281 min  
Delta R.T.: 0.006 min  
Response: 5648119  
Conc: 0.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



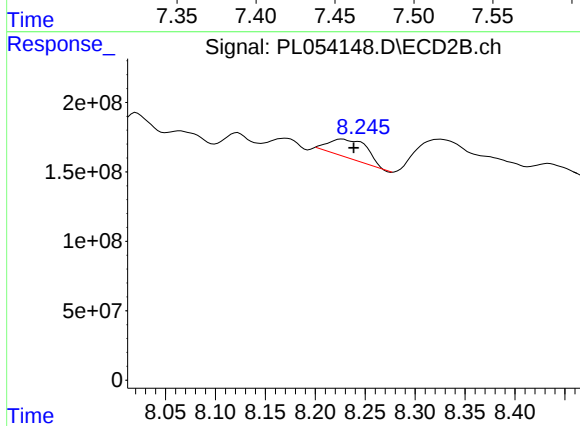
#21 Endrin ketone

R.T.: 7.795 min  
Delta R.T.: 0.012 min  
Response: 21264861  
Conc: 8.25 ng/ml



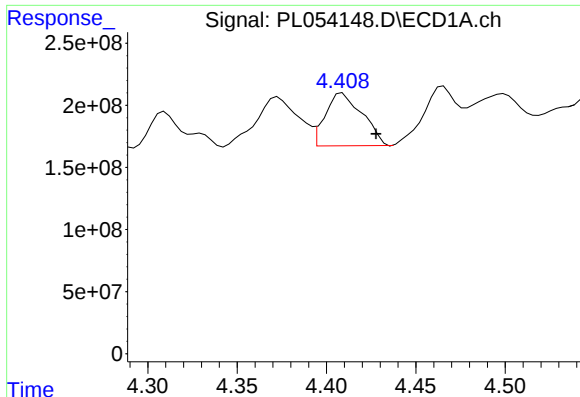
#22 Mirex

R.T.: 7.465 min  
Delta R.T.: -0.005 min  
Response: 644301727  
Conc: 75.33 ng/ml



#22 Mirex

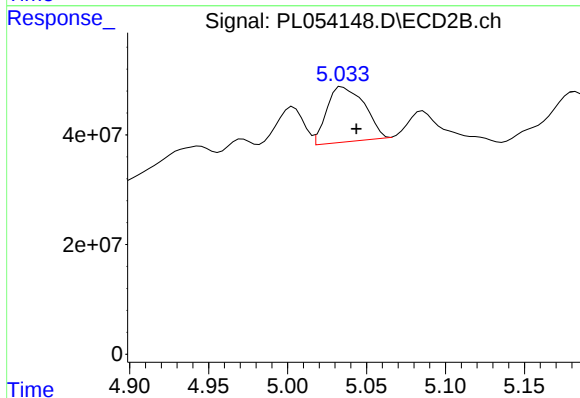
R.T.: 8.227 min  
Delta R.T.: -0.012 min  
Response: 362197942  
Conc: 179.03 ng/ml



#23 Chlordane-1

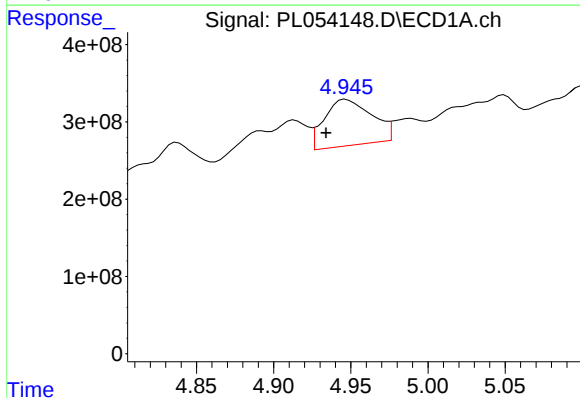
R.T.: 4.409 min  
Delta R.T.: -0.019 min  
Response: 612215240  
Conc: 1726.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



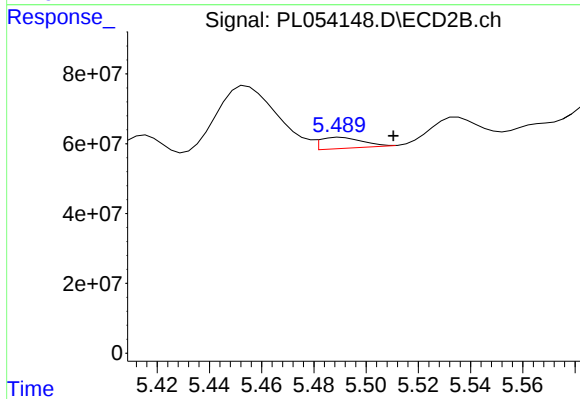
#23 Chlordane-1

R.T.: 5.035 min  
Delta R.T.: -0.009 min  
Response: 166526246  
Conc: 1985.61 ng/ml



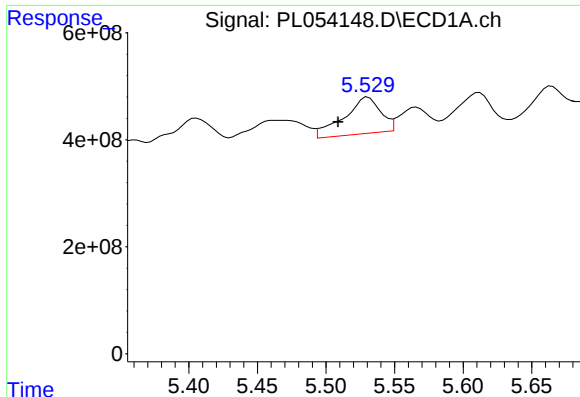
#24 Chlordane-2

R.T.: 4.947 min  
Delta R.T.: 0.013 min  
Response: 1277365387  
Conc: 3315.12 ng/ml



#24 Chlordane-2

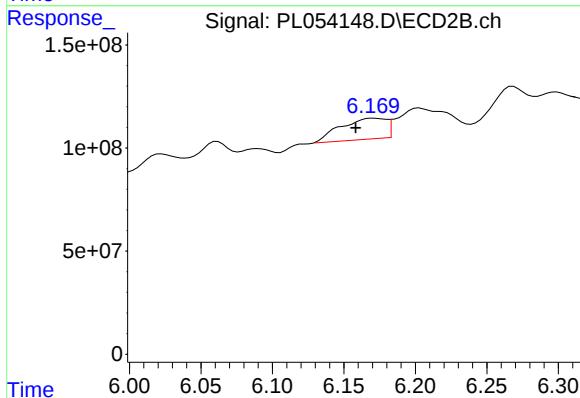
R.T.: 5.490 min  
Delta R.T.: -0.020 min  
Response: 34944735  
Conc: 355.77 ng/ml



#25 Chlordane-3

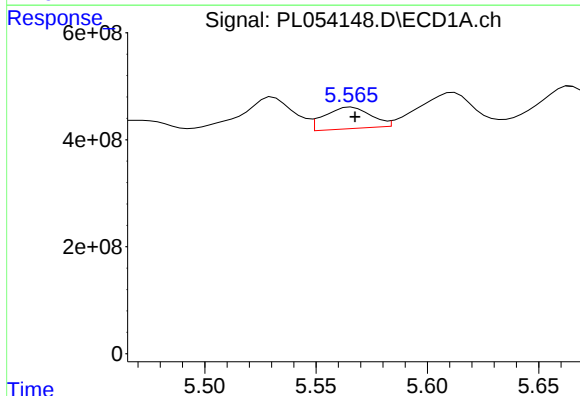
R.T.: 5.531 min  
Delta R.T.: 0.022 min  
Response: 1264575842  
Conc: 1097.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



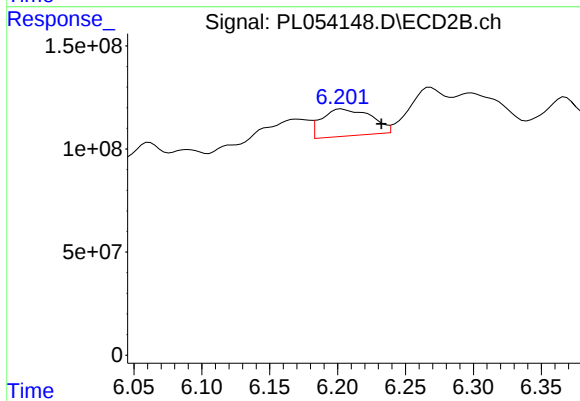
#25 Chlordane-3

R.T.: 6.171 min  
Delta R.T.: 0.012 min  
Response: 224917123  
Conc: 615.82 ng/ml



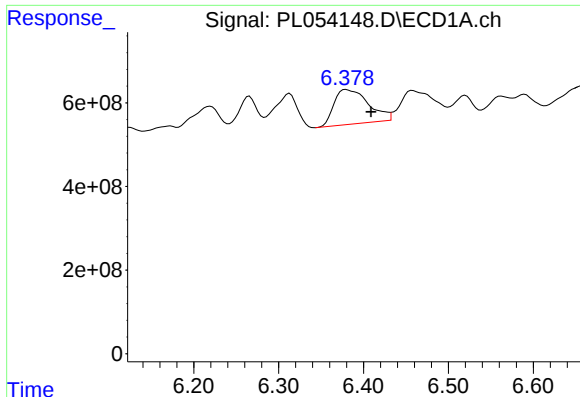
#26 Chlordane-4

R.T.: 5.566 min  
Delta R.T.: -0.002 min  
Response: 580263948  
Conc: 618.98 ng/ml



#26 Chlordane-4

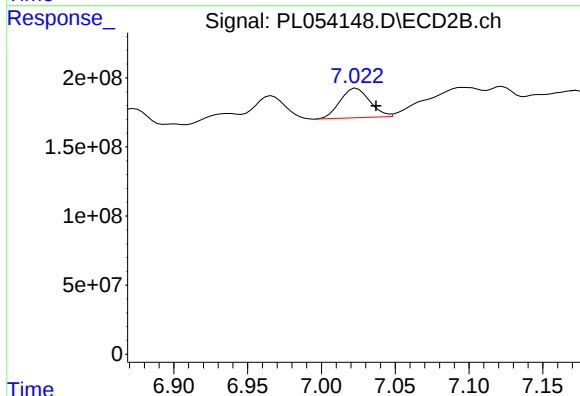
R.T.: 6.203 min  
Delta R.T.: -0.029 min  
Response: 330743897  
Conc: 736.73 ng/ml



#27 Chlordane-5

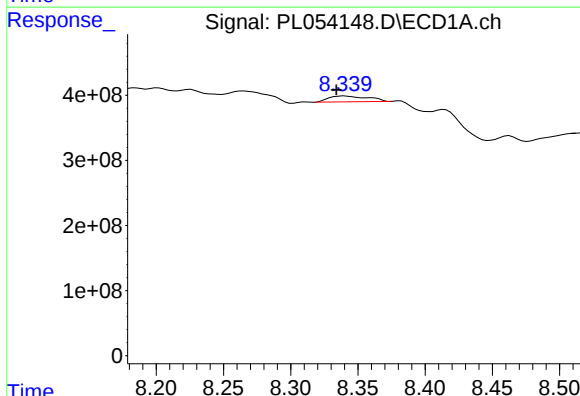
R.T.: 6.379 min  
Delta R.T.: -0.030 min  
Response: 2334067401  
Conc: 6385.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OILY-WATER



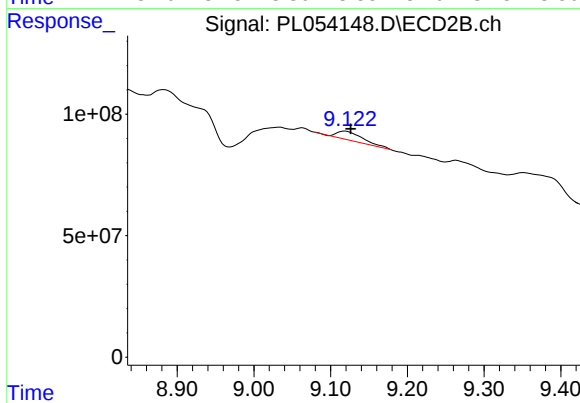
#27 Chlordane-5

R.T.: 7.024 min  
Delta R.T.: -0.013 min  
Response: 299257521  
Conc: 3914.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.340 min  
Delta R.T.: 0.006 min  
Response: 182522368  
Conc: 18.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min  
Delta R.T.: -0.007 min  
Response: 77999908  
Conc: 27.70 ng/ml