

Data Path : P:\HPCHEM1\ECD\_L\Data\PL012918\  
 Data File : PL032641.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Jan 2018 17:59  
 Operator : UA\AJ  
 Sample : J1305-05  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 RECLAIMER-SLUDGE-PIT

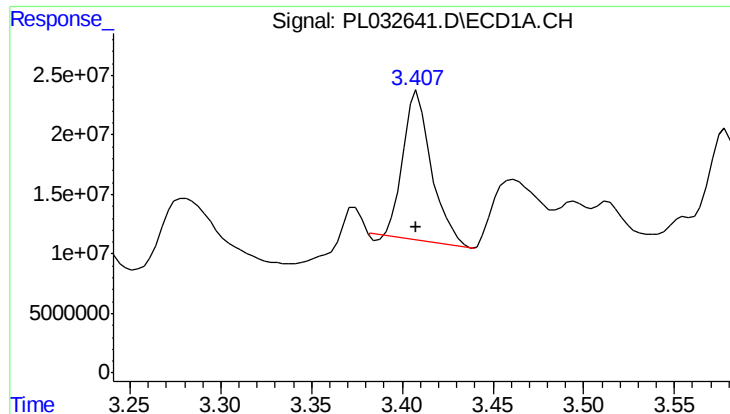
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 29 22:48:15 2018  
 Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 27 04:03:48 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 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... | 3.409  | 3.993  | 134.9E6   | 26629452 | 15.093  | 21.264 #   |
| 28)                         | SA Decachlor... | 8.112  | 9.027  | 119.9E6   | 10473601 | 10.302  | 5.506 #    |
| Target Compounds            |                 |        |        |           |          |         |            |
| 2)                          | A alpha-BHC     | 3.841  | 4.365  | 73542549  | 12848309 | 5.227   | 5.547      |
| 3)                          | MA gamma-BHC... | 4.168f | 4.675  | 145.8E6   | -2594076 | 11.293  | N.D. #     |
| 4)                          | MA Heptachlor   | 4.383  | 5.189  | 473.4E6   | 9387423  | 35.764  | 4.496 #    |
| 5)                          | MB Aldrin       | 0.000  | 5.463  | 0         | 14500184 | N.D.    | 6.924 #    |
| 6)                          | B beta-BHC      | 4.383  | 4.775f | 473.4E6   | 1428919  | 82.893  | 1.497 #    |
| 7)                          | B delta-BHC     | 4.602f | 5.020  | -16928012 | 84047211 | N.D.    | 37.802     |
| 8)                          | B Heptachlo...  | 5.108  | 5.865  | 38234461  | 12609984 | 3.230   | 7.053 #    |
| 9)                          | A Endosulfan I  | 5.383f | 6.177  | 267.3E6   | 6797153  | 23.422  | 3.767 #    |
| 10)                         | B gamma-Chl...  | 5.348  | 6.084  | 43948525  | 2450939  | 3.405   | 1.257 #    |
| 11)                         | B alpha-Chl...  | 5.383  | 6.177  | 267.3E6   | 6797153  | 21.488  | 3.586 #    |
| 12)                         | B 4,4'-DDE      | 5.578  | 6.343  | 25853265  | -1257351 | 2.035   | N.D. #     |
| 13)                         | MA Dieldrin     | 5.609f | 6.430  | 14843938  | 2554185  | 1.159   | 1.337      |
| 14)                         | MA Endrin       | 0.000  | 6.701  | 0         | 12744295 | N.D.    | 7.557 #    |
| 15)                         | B Endosulfa...  | 6.220  | 6.857  | 10713409  | 10345617 | 0.913   | 5.876 #    |
| 16)                         | A 4,4'-DDD      | 6.083  | 6.824  | -14922824 | 14458158 | N.D.    | 10.137     |
| 17)                         | MA 4,4'-DDT     | 6.341f | 7.129f | -21270050 | 7817345  | N.D.    | 5.863      |
| 18)                         | B Endrin al...  | 6.341  | 6.994  | -21270050 | 17496866 | N.D.    | 11.816     |
| 19)                         | B Endosulfa...  | 6.571  | 7.212  | 28494430  | 5989605  | 2.572   | 3.714 #    |
| 20)                         | A Methoxychlor  | 6.783f | 7.494f | 43500073  | 8841109  | 7.487   | 10.847 #   |
| 21)                         | B Endrin ke...  | 7.059  | 0.000  | 7164704   | 0        | 0.572   | N.D. #     |
| 23)                         | Chlordane-1     | 4.290  | 5.020  | 57772416  | 84047211 | 140.644 | 1086.929 # |
| 24)                         | Chlordane-2     | 4.383  | 5.189  | 473.4E6   | 9387423  | 770.998 | 79.995 #   |
| 25)                         | Chlordane-3     | 5.348  | 6.084  | 43948525  | 2450939  | 29.444  | 8.893 #    |
| 26)                         | Chlordane-4     | 5.383  | 6.177  | 267.3E6   | 6797153  | 207.855 | 20.805 #   |
| 27)                         | Chlordane-5     | 6.220  | 6.935  | 10713409  | 1595856  | 21.668  | 26.480     |
| -----                       |                 |        |        |           |          |         |            |

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

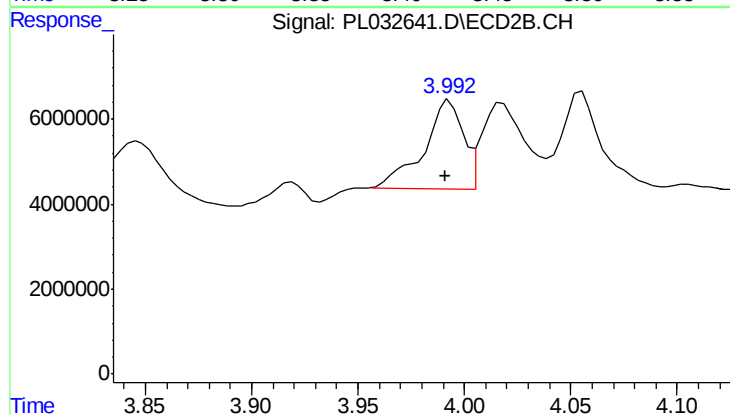




#1 Tetrachloro-m-xylene

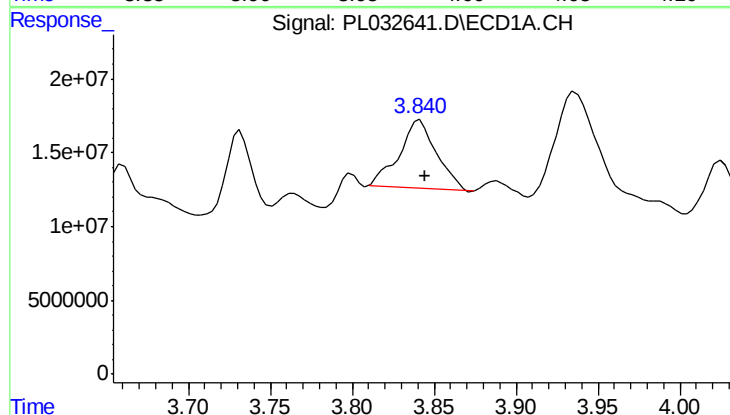
R.T.: 3.409 min  
Delta R.T.: 0.001 min  
Response: 134934125  
Conc: 15.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



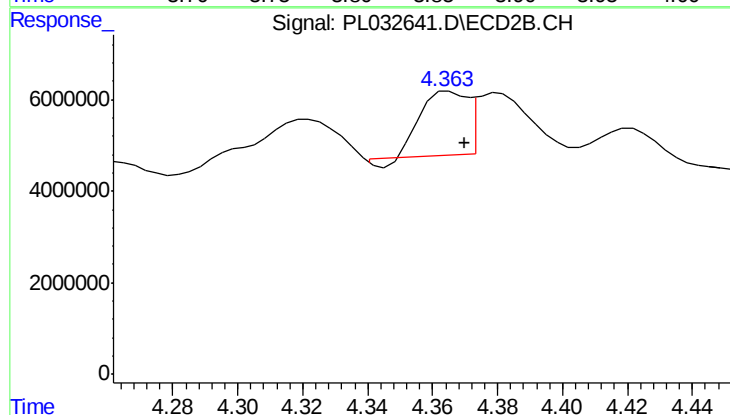
#1 Tetrachloro-m-xylene

R.T.: 3.993 min  
Delta R.T.: 0.002 min  
Response: 26629452  
Conc: 21.26 ng/ml



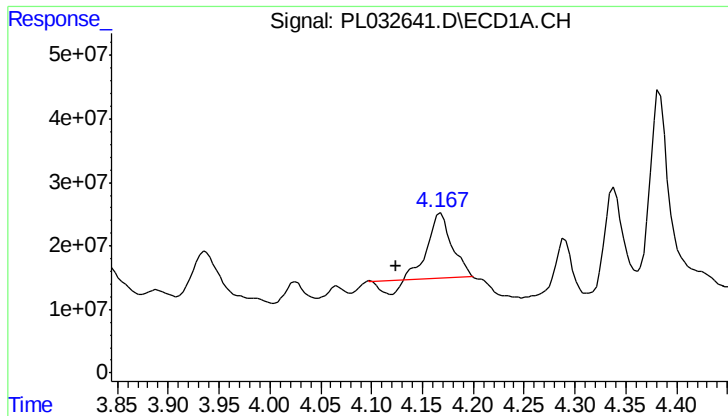
#2 alpha-BHC

R.T.: 3.841 min  
Delta R.T.: -0.003 min  
Response: 73542549  
Conc: 5.23 ng/ml



#2 alpha-BHC

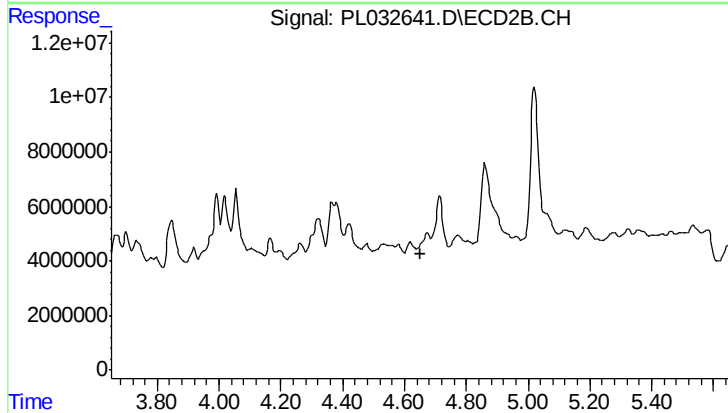
R.T.: 4.365 min  
Delta R.T.: -0.005 min  
Response: 12848309  
Conc: 5.55 ng/ml



#3 gamma-BHC (Lindane)

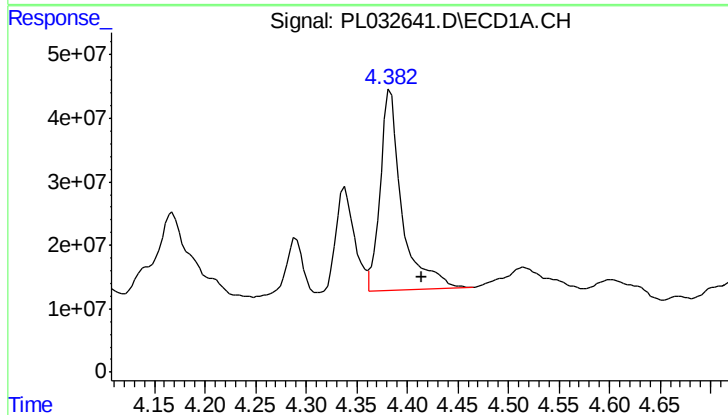
R.T.: 4.168 min  
Delta R.T.: 0.043 min  
Response: 145810650  
Conc: 11.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



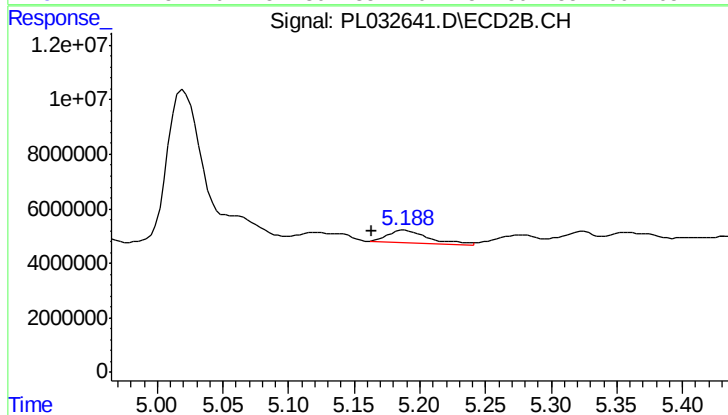
#3 gamma-BHC (Lindane)

R.T.: 4.675 min  
Delta R.T.: 0.025 min  
Response: -2594076  
Conc: N.D.



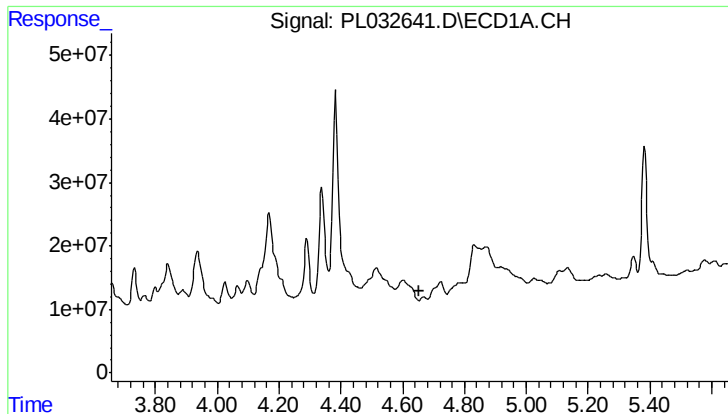
#4 Heptachlor

R.T.: 4.383 min  
Delta R.T.: -0.030 min  
Response: 473420544  
Conc: 35.76 ng/ml



#4 Heptachlor

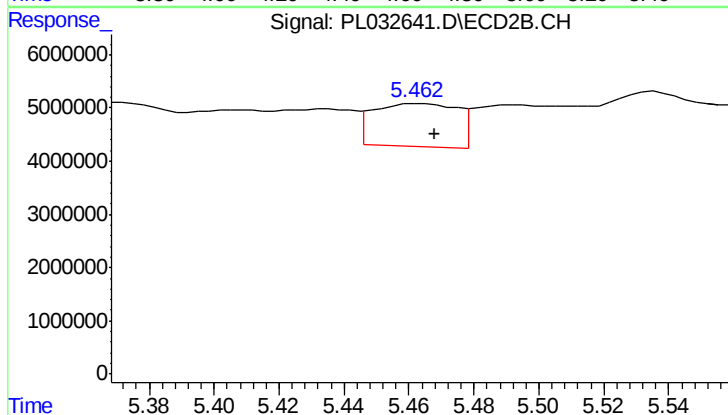
R.T.: 5.189 min  
Delta R.T.: 0.025 min  
Response: 9387423  
Conc: 4.50 ng/ml



#5 Aldrin

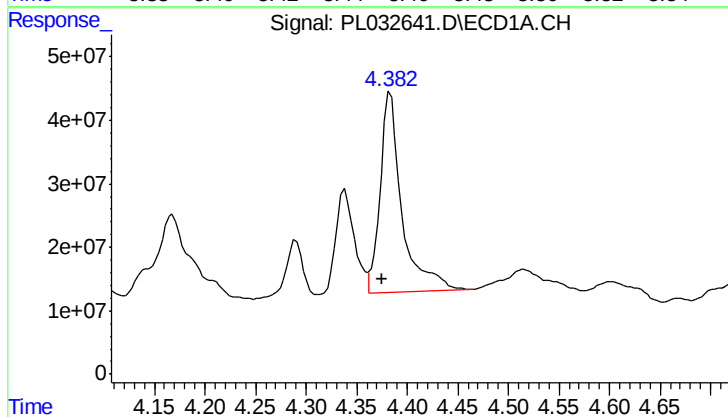
R.T.: 0.000 min  
Exp R.T.: 4.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



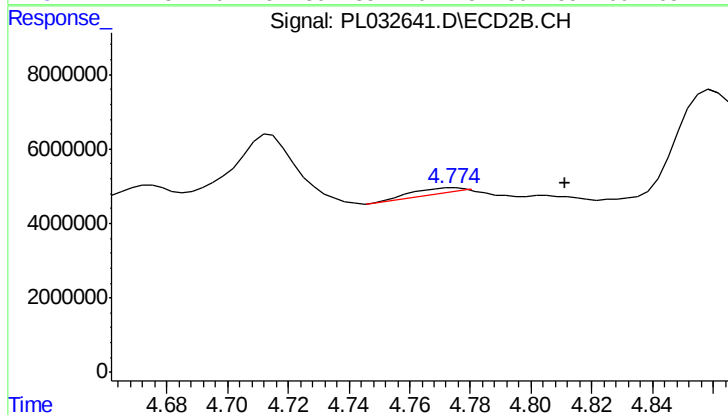
#5 Aldrin

R.T.: 5.463 min  
Delta R.T.: -0.005 min  
Response: 14500184  
Conc: 6.92 ng/ml



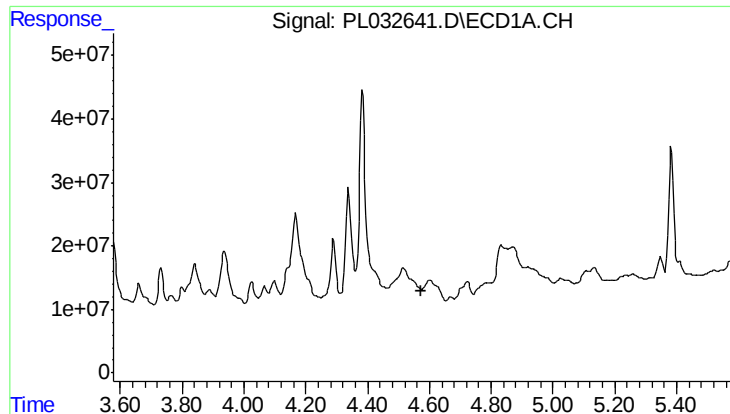
#6 beta-BHC

R.T.: 4.383 min  
Delta R.T.: 0.008 min  
Response: 473420544  
Conc: 82.89 ng/ml



#6 beta-BHC

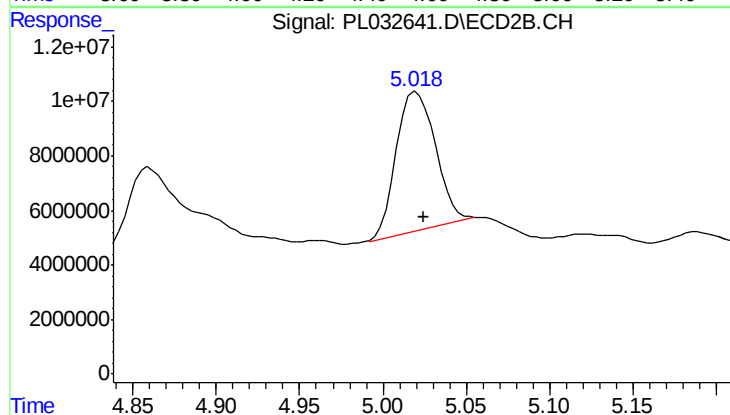
R.T.: 4.775 min  
Delta R.T.: -0.036 min  
Response: 1428919  
Conc: 1.50 ng/ml



#7 delta-BHC

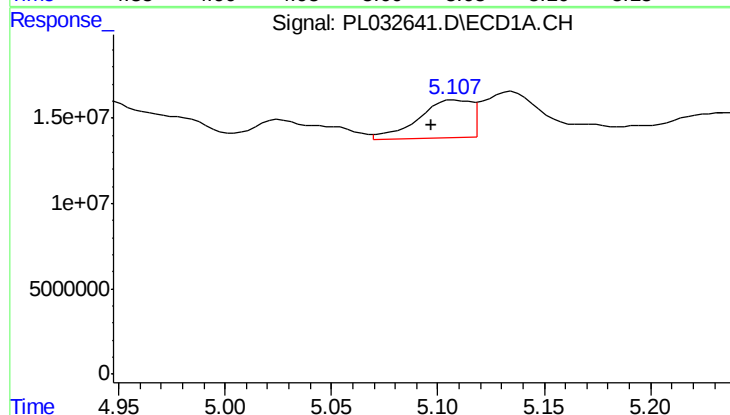
R.T.: 4.602 min  
Delta R.T.: 0.028 min  
Response: -16928012  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



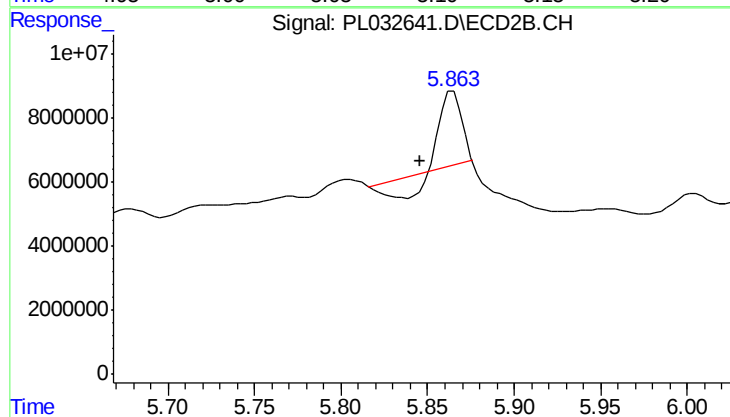
#7 delta-BHC

R.T.: 5.020 min  
Delta R.T.: -0.005 min  
Response: 84047211  
Conc: 37.80 ng/ml



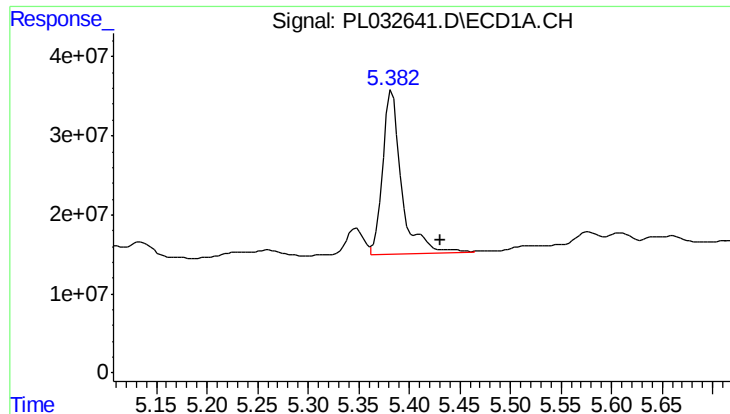
#8 Heptachlor epoxide

R.T.: 5.108 min  
Delta R.T.: 0.011 min  
Response: 38234461  
Conc: 3.23 ng/ml



#8 Heptachlor epoxide

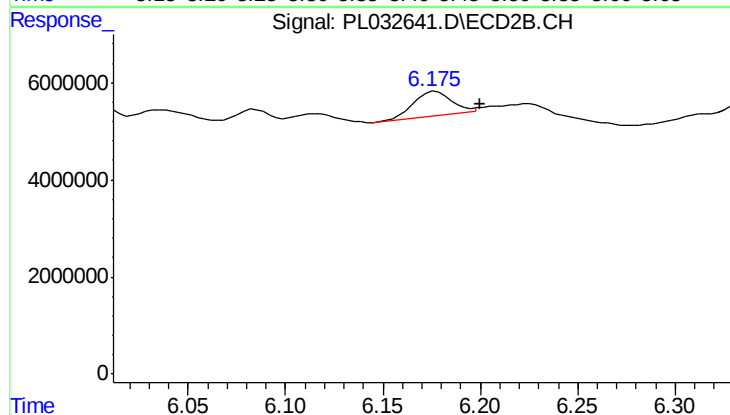
R.T.: 5.865 min  
Delta R.T.: 0.019 min  
Response: 12609984  
Conc: 7.05 ng/ml



#9 Endosulfan I

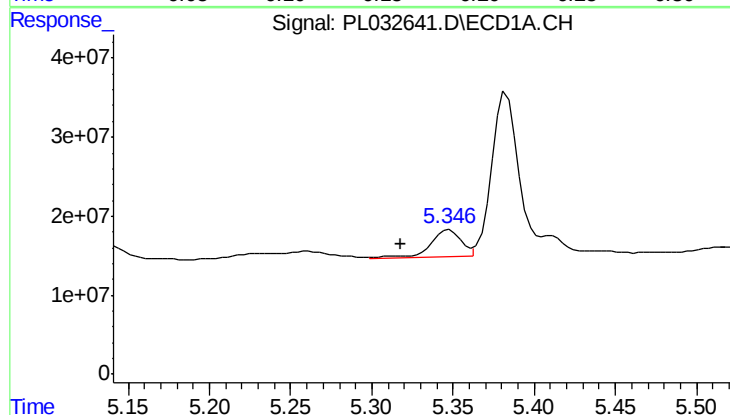
R.T.: 5.383 min  
Delta R.T.: -0.047 min  
Response: 267349709  
Conc: 23.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



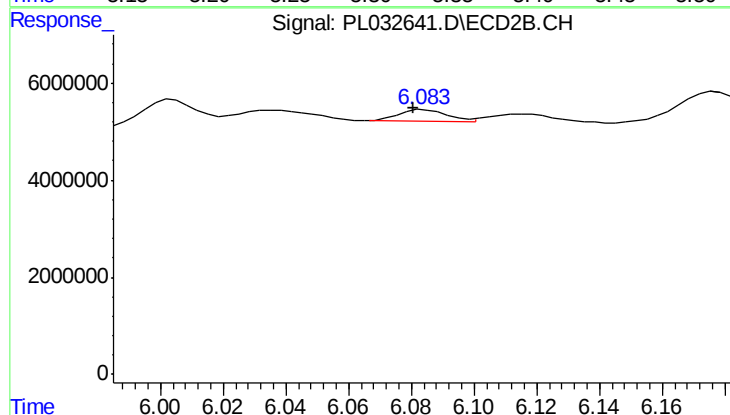
#9 Endosulfan I

R.T.: 6.177 min  
Delta R.T.: -0.023 min  
Response: 6797153  
Conc: 3.77 ng/ml



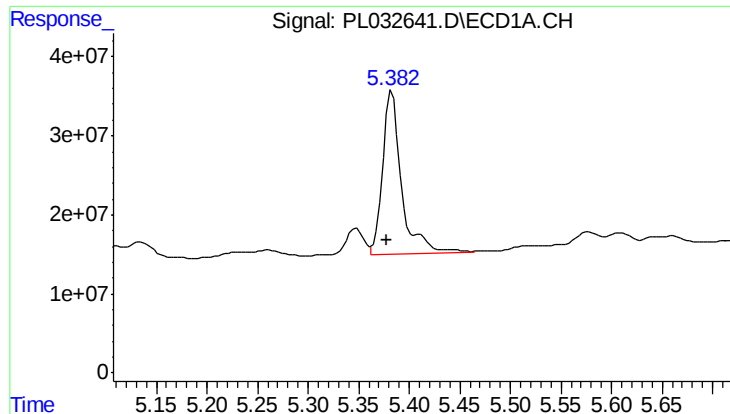
#10 gamma-Chlordane

R.T.: 5.348 min  
Delta R.T.: 0.030 min  
Response: 43948525  
Conc: 3.41 ng/ml



#10 gamma-Chlordane

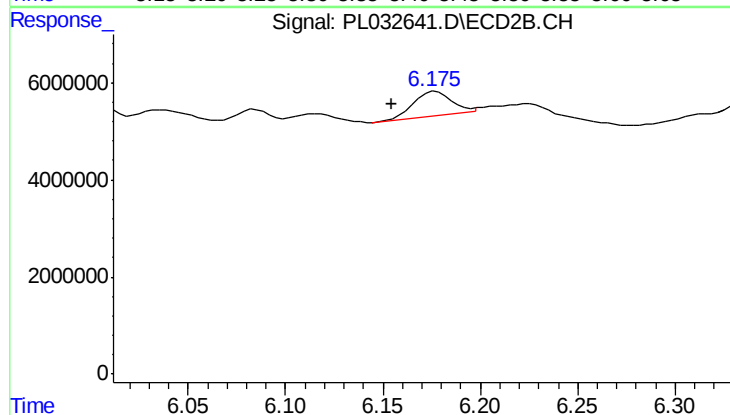
R.T.: 6.084 min  
Delta R.T.: 0.004 min  
Response: 2450939  
Conc: 1.26 ng/ml



#11 alpha-Chlordane

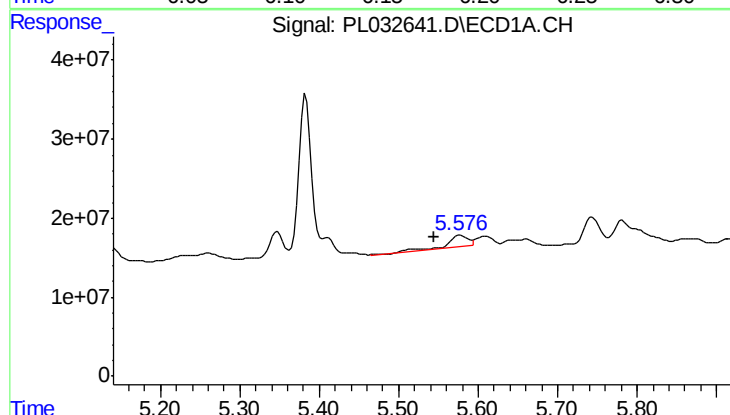
R.T.: 5.383 min  
Delta R.T.: 0.006 min  
Response: 267349709  
Conc: 21.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



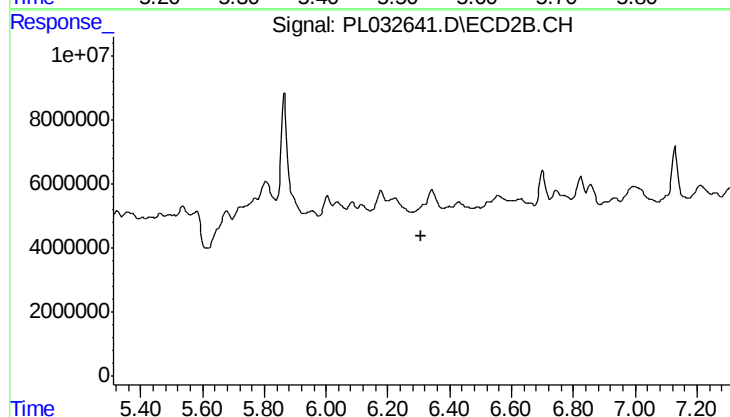
#11 alpha-Chlordane

R.T.: 6.177 min  
Delta R.T.: 0.023 min  
Response: 6797153  
Conc: 3.59 ng/ml



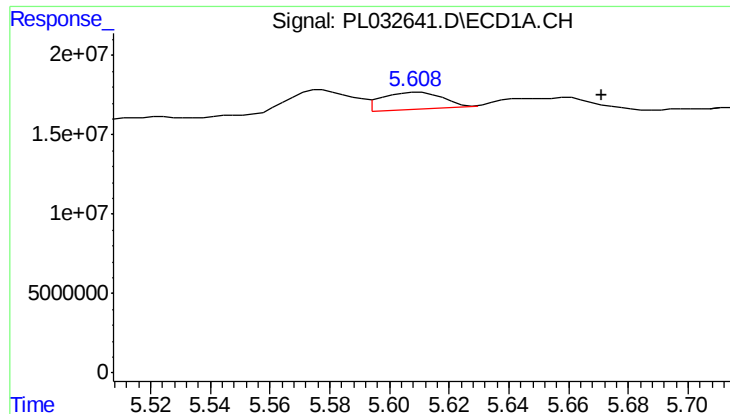
#12 4,4'-DDE

R.T.: 5.578 min  
Delta R.T.: 0.034 min  
Response: 25853265  
Conc: 2.03 ng/ml



#12 4,4'-DDE

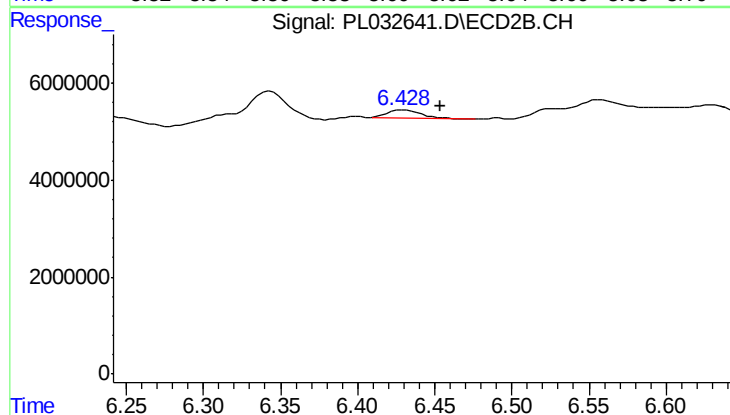
R.T.: 6.343 min  
Delta R.T.: 0.033 min  
Response: -1257351  
Conc: N.D.



#13 Dielddrin

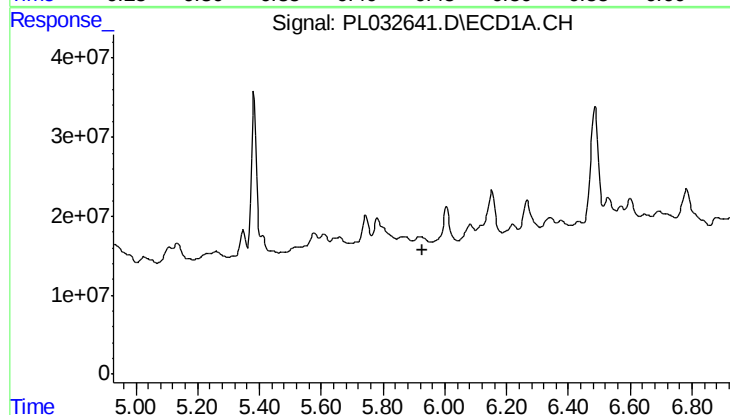
R.T.: 5.609 min  
Delta R.T.: -0.062 min  
Response: 14843938  
Conc: 1.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



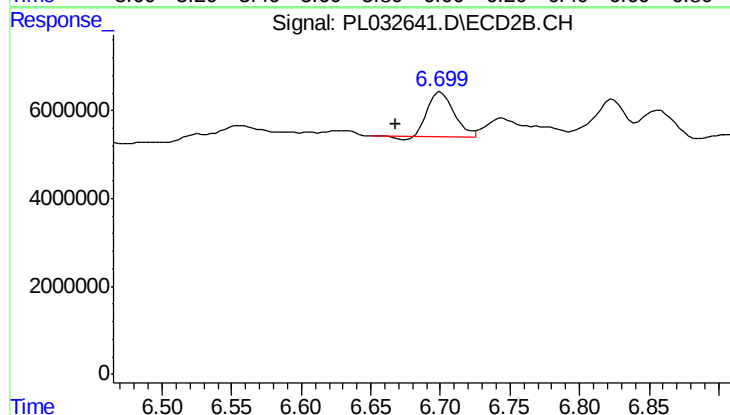
#13 Dielddrin

R.T.: 6.430 min  
Delta R.T.: -0.024 min  
Response: 2554185  
Conc: 1.34 ng/ml



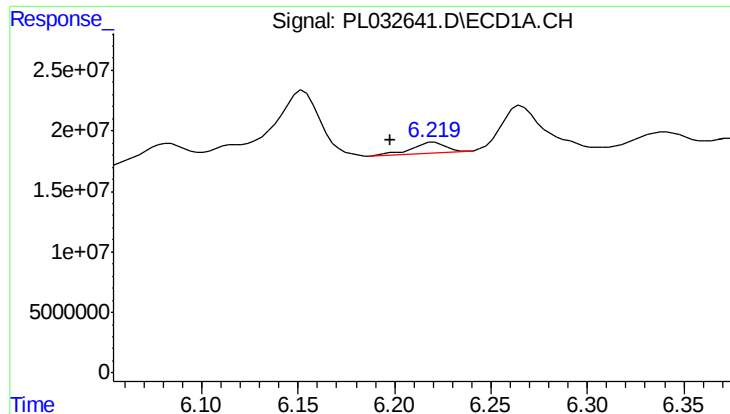
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 5.927 min  
Response: 0  
Conc: N.D.



#14 Endrin

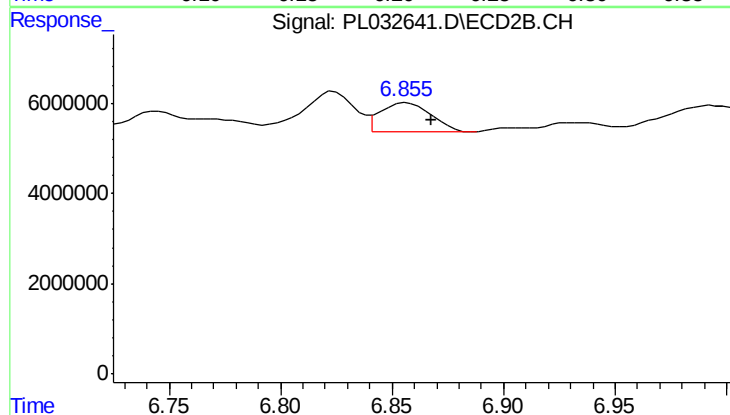
R.T.: 6.701 min  
Delta R.T.: 0.033 min  
Response: 12744295  
Conc: 7.56 ng/ml



#15 Endosulfan II

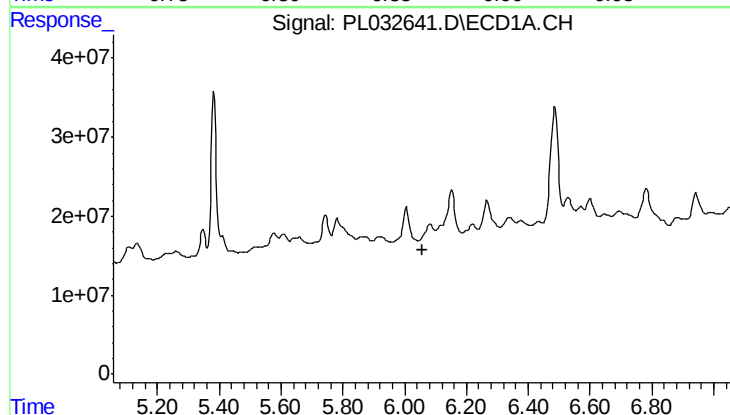
R.T.: 6.220 min  
Delta R.T.: 0.022 min  
Response: 10713409  
Conc: 0.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



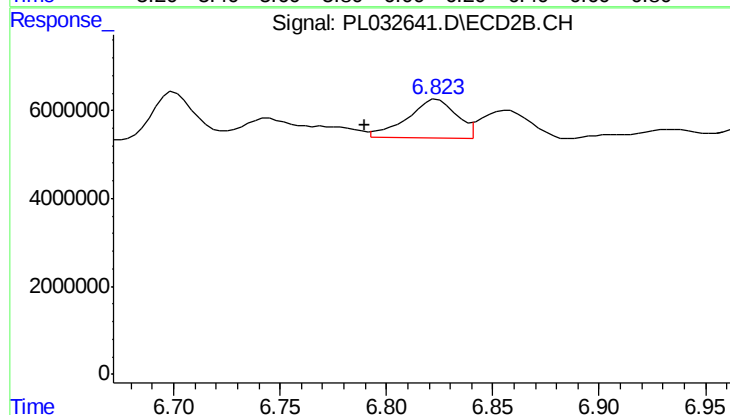
#15 Endosulfan II

R.T.: 6.857 min  
Delta R.T.: -0.011 min  
Response: 10345617  
Conc: 5.88 ng/ml



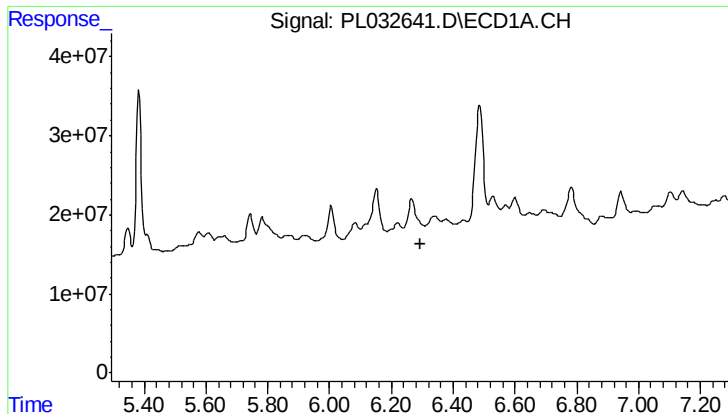
#16 4,4'-DDD

R.T.: 6.083 min  
Delta R.T.: 0.026 min  
Response: -14922824  
Conc: N.D.



#16 4,4'-DDD

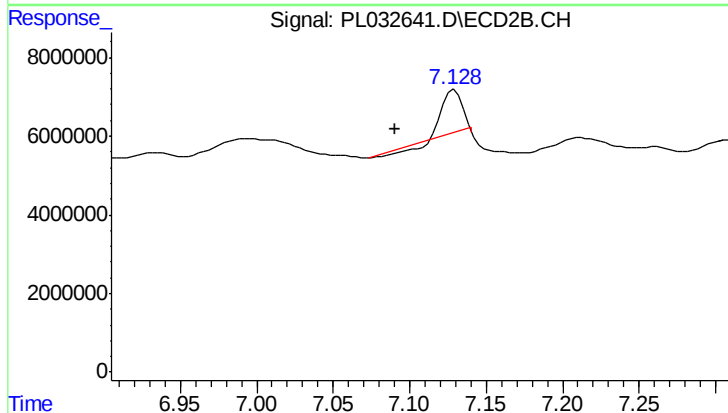
R.T.: 6.824 min  
Delta R.T.: 0.034 min  
Response: 14458158  
Conc: 10.14 ng/ml



#17 4,4'-DDT

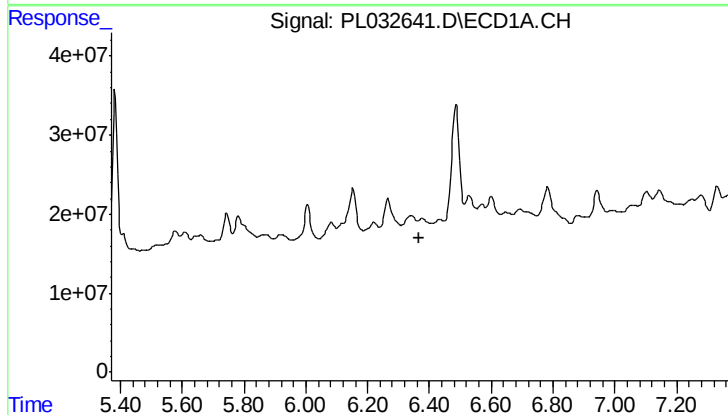
R.T.: 6.341 min  
Delta R.T.: 0.048 min  
Response: -21270050  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



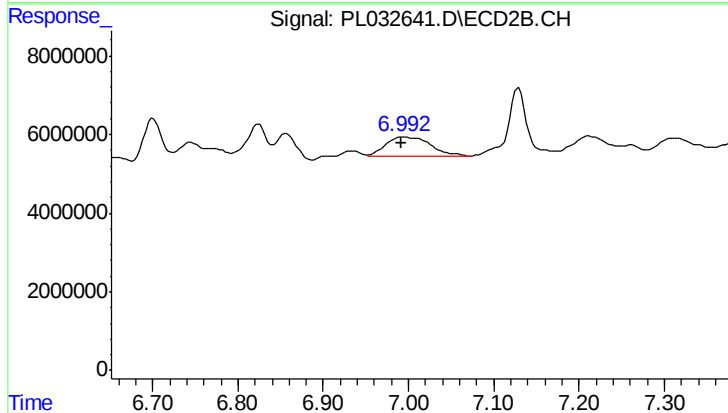
#17 4,4'-DDT

R.T.: 7.129 min  
Delta R.T.: 0.039 min  
Response: 7817345  
Conc: 5.86 ng/ml



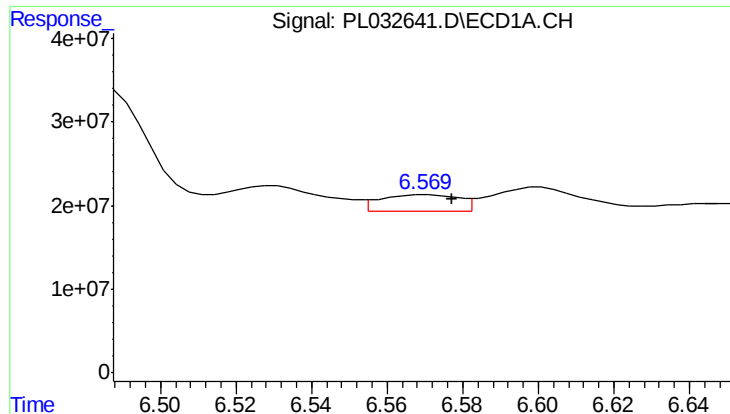
#18 Endrin aldehyde

R.T.: 6.341 min  
Delta R.T.: -0.028 min  
Response: -21270050  
Conc: N.D.



#18 Endrin aldehyde

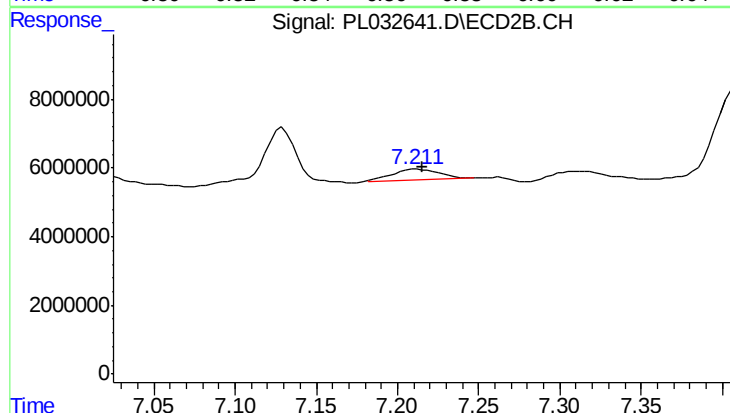
R.T.: 6.994 min  
Delta R.T.: 0.002 min  
Response: 17496866  
Conc: 11.82 ng/ml



#19 Endosulfan Sulfate

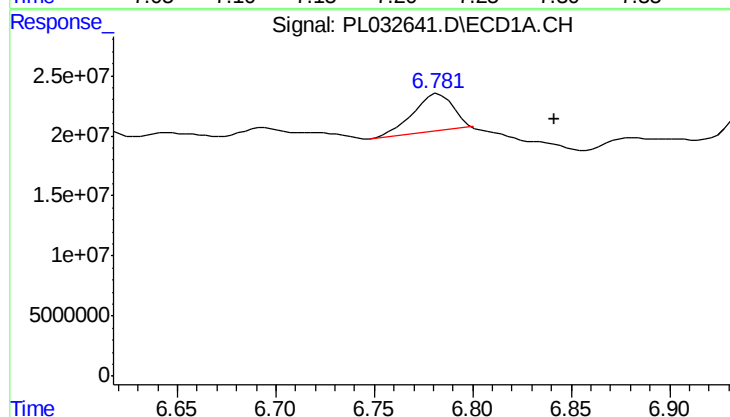
R.T.: 6.571 min  
Delta R.T.: -0.006 min  
Response: 28494430  
Conc: 2.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



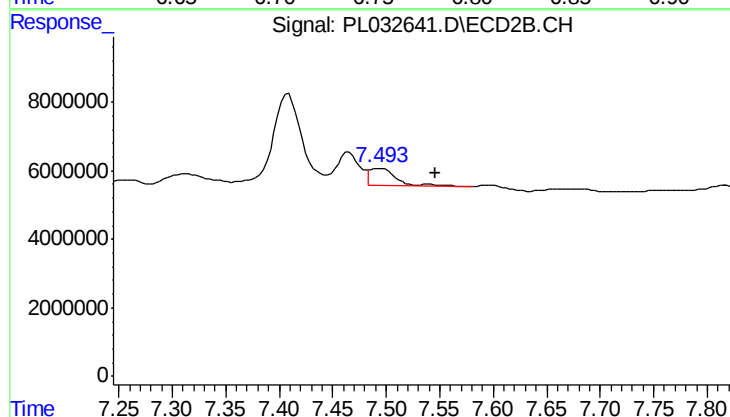
#19 Endosulfan Sulfate

R.T.: 7.212 min  
Delta R.T.: -0.003 min  
Response: 5989605  
Conc: 3.71 ng/ml



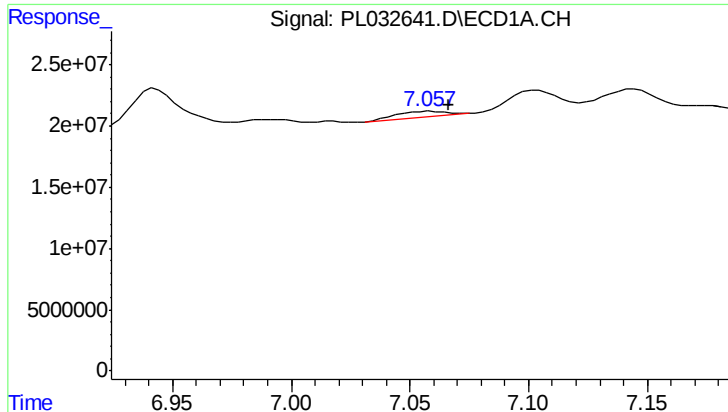
#20 Methoxychlor

R.T.: 6.783 min  
Delta R.T.: -0.059 min  
Response: 43500073  
Conc: 7.49 ng/ml



#20 Methoxychlor

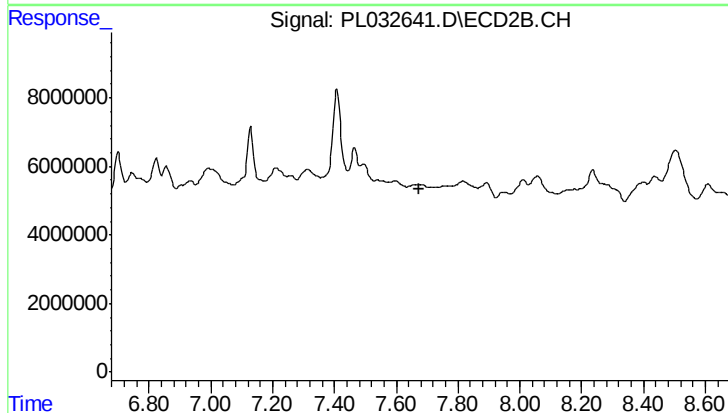
R.T.: 7.494 min  
Delta R.T.: -0.051 min  
Response: 8841109  
Conc: 10.85 ng/ml



#21 Endrin ketone

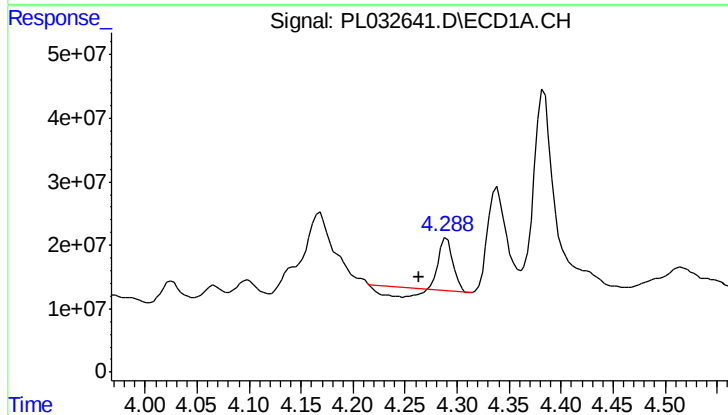
R.T.: 7.059 min  
Delta R.T.: -0.008 min  
Response: 7164704  
Conc: 0.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



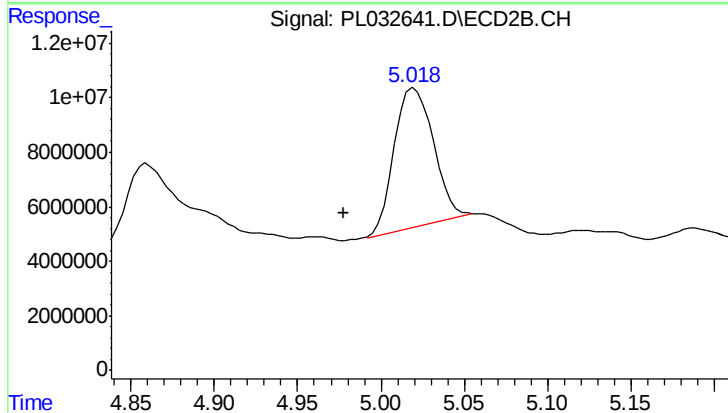
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.676 min  
Response: 0  
Conc: N.D.



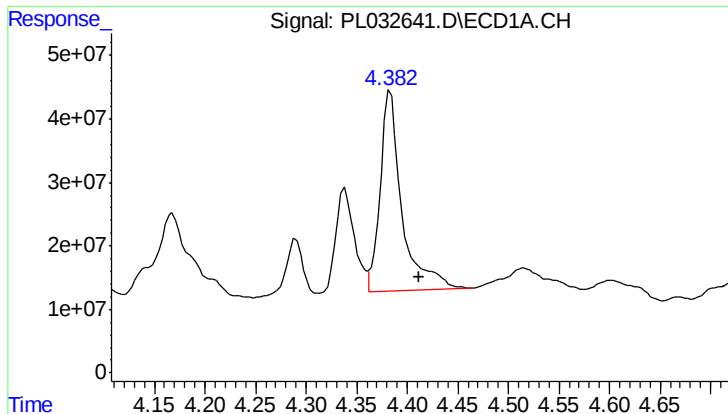
#23 Chlordane-1

R.T.: 4.290 min  
Delta R.T.: 0.027 min  
Response: 57772416  
Conc: 140.64 ng/ml



#23 Chlordane-1

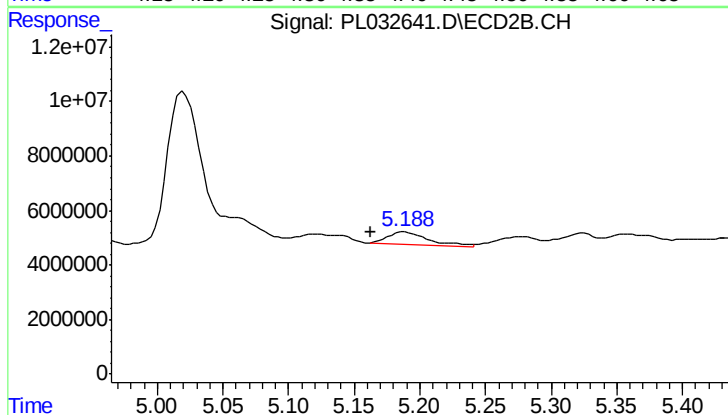
R.T.: 5.020 min  
Delta R.T.: 0.042 min  
Response: 84047211  
Conc: 1086.93 ng/ml



#24 Chlordane-2

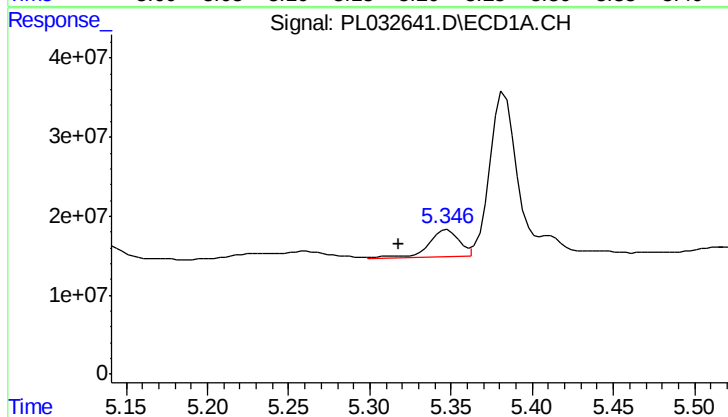
R.T.: 4.383 min  
Delta R.T.: -0.029 min  
Response: 473420544  
Conc: 771.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



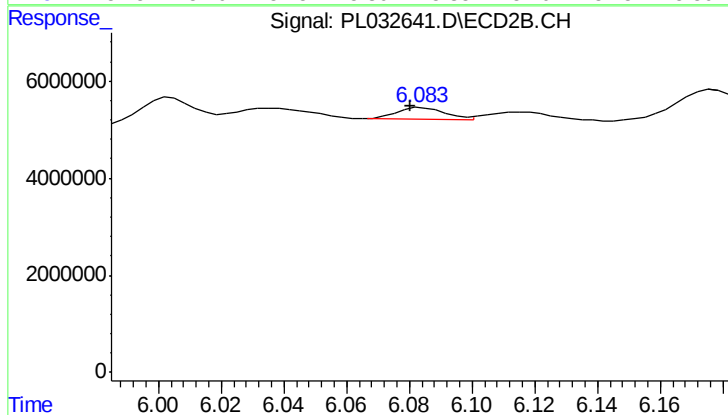
#24 Chlordane-2

R.T.: 5.189 min  
Delta R.T.: 0.026 min  
Response: 9387423  
Conc: 80.00 ng/ml



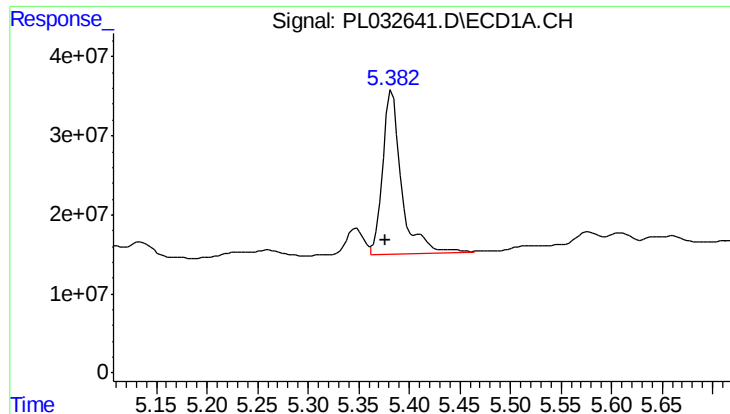
#25 Chlordane-3

R.T.: 5.348 min  
Delta R.T.: 0.030 min  
Response: 43948525  
Conc: 29.44 ng/ml



#25 Chlordane-3

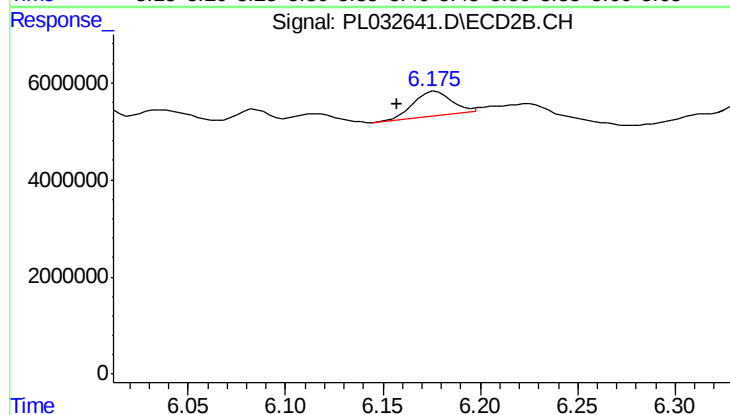
R.T.: 6.084 min  
Delta R.T.: 0.004 min  
Response: 2450939  
Conc: 8.89 ng/ml



#26 Chlordane-4

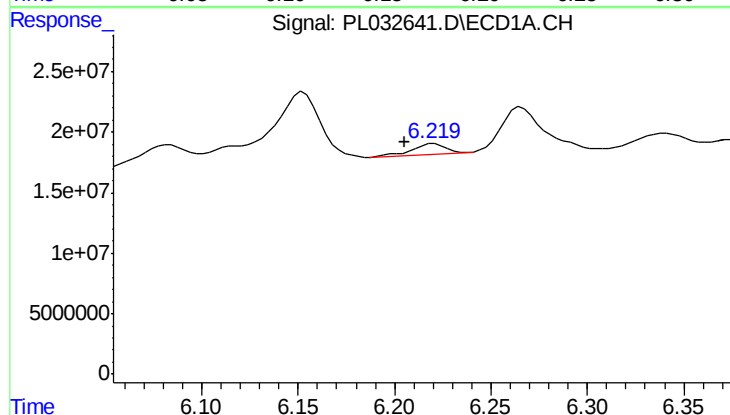
R.T.: 5.383 min  
Delta R.T.: 0.007 min  
Response: 267349709  
Conc: 207.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



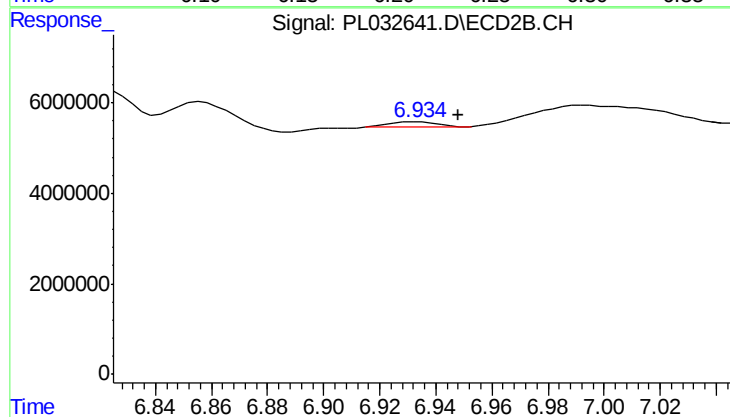
#26 Chlordane-4

R.T.: 6.177 min  
Delta R.T.: 0.020 min  
Response: 6797153  
Conc: 20.80 ng/ml



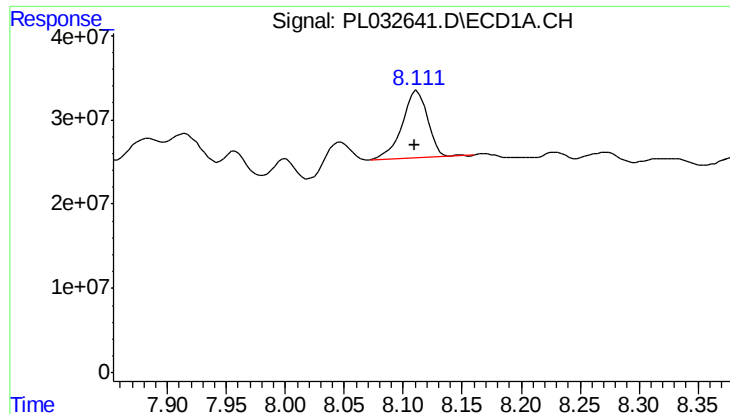
#27 Chlordane-5

R.T.: 6.220 min  
Delta R.T.: 0.015 min  
Response: 10713409  
Conc: 21.67 ng/ml



#27 Chlordane-5

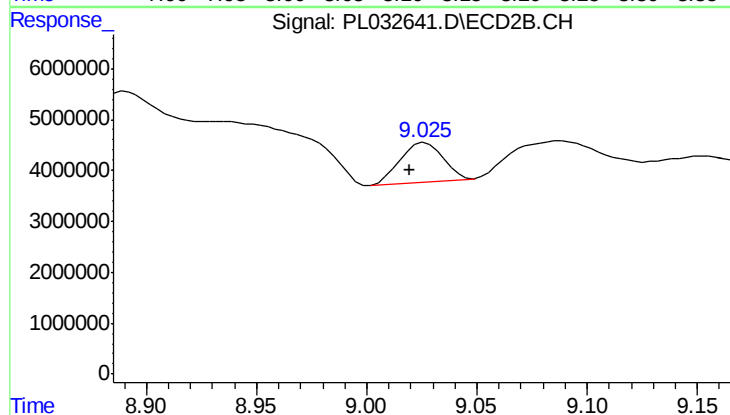
R.T.: 6.935 min  
Delta R.T.: -0.013 min  
Response: 1595856  
Conc: 26.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.112 min  
Delta R.T.: 0.002 min  
Response: 119867997  
Conc: 10.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RECLAIMER-SLUDGE-PIT



#28 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.007 min  
Response: 10473601  
Conc: 5.51 ng/ml