

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040519\  
 Data File : PL047068.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Apr 2019 12:24  
 Operator : AJ\SJ  
 Sample : K2256-06  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CLEARWELL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 05 12:55:27 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 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... | 3.357  | 3.976  | 19048248 | 9936120  | 2.618   | 4.340 #   |
| 2)                          | SA Decachlor... | 8.034  | 9.021  | 116.8E6  | 10072157 | 13.890  | 4.344 #   |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.780  | 4.400f | 9092875  | -432241  | 0.780   | N.D. #    |
| 3)                          | MA gamma-BHC... | 0.000  | 4.630f | 0        | 388118   | N.D.    | 0.130 #   |
| 4)                          | MA Heptachlor   | 4.334f | 0.000  | 171.2E6  | 0        | 15.524  | N.D. #    |
| 5)                          | MB Aldrin       | 0.000  | 5.448f | 0        | 7592967  | N.D.    | 2.650 #   |
| 6)                          | B beta-BHC      | 4.334  | 4.850f | 171.2E6  | -3555374 | 38.014  | N.D. #    |
| 7)                          | B delta-BHC     | 4.515  | 5.025f | 341.6E6  | 3613375  | 33.743  | 1.557 #   |
| 8)                          | B Heptachlo...  | 5.027  | 5.860  | 693.8E6  | 25161257 | 71.132  | 9.541 #   |
| 9)                          | A Endosulfan I  | 5.367  | 0.000  | 12489901 | 0        | 1.328   | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.241f | 6.101  | 40279669 | 13802884 | 3.921   | 4.863     |
| 11)                         | B alpha-Chl...  | 5.324  | 6.175  | 30682404 | 5595043  | 3.026   | 1.972 #   |
| 12)                         | B 4,4'-DDE      | 5.487  | 0.000  | 44492004 | 0        | 4.832   | N.D. #    |
| 13)                         | MA Dieldrin     | 5.625f | 0.000  | 5405682  | 0        | 0.539   | N.D. #    |
| 14)                         | MA Endrin       | 0.000  | 6.705f | 0        | 77951761 | N.D.    | 32.619 #  |
| 15)                         | B Endosulfa...  | 6.153f | 0.000  | 35512495 | 0        | 3.964   | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.006  | 0.000  | 254.2E6  | 0        | 33.628  | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 6.223  | 7.084f | 19710983 | 496.5E6  | 2.602   | 236.785 # |
| 18)                         | B Endrin al...  | 0.000  | 7.032  | 0        | 39385926 | N.D.    | 18.543 #  |
| 19)                         | B Endosulfa...  | 6.528  | 7.232  | 15665248 | 177.9E6  | 1.908   | 75.422 #  |
| 20)                         | A Methoxychlor  | 0.000  | 7.561  | 0        | 3969218  | N.D.    | 3.114 #   |
| 21)                         | B Endrin ke...  | 7.014f | 7.708  | -3854074 | 162.9E6  | N.D.    | 65.555    |
| 22)                         | Mirex           | 7.164  | 8.156  | 66561241 | 6854969  | 9.136   | 3.427 #   |
| 24)                         | Chlordane-2     | 4.720f | 5.448  | 54010401 | 7592967  | 142.350 | 65.003 #  |
| 25)                         | Chlordane-3     | 5.274f | 6.101  | 118.2E6  | 13802884 | 106.169 | 36.203 #  |
| 26)                         | Chlordane-4     | 5.324  | 6.175  | 30682404 | 5595043  | 29.672  | 12.126 #  |
| 27)                         | Chlordane-5     | 6.153  | 6.990f | 35512495 | -1562892 | 104.061 | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

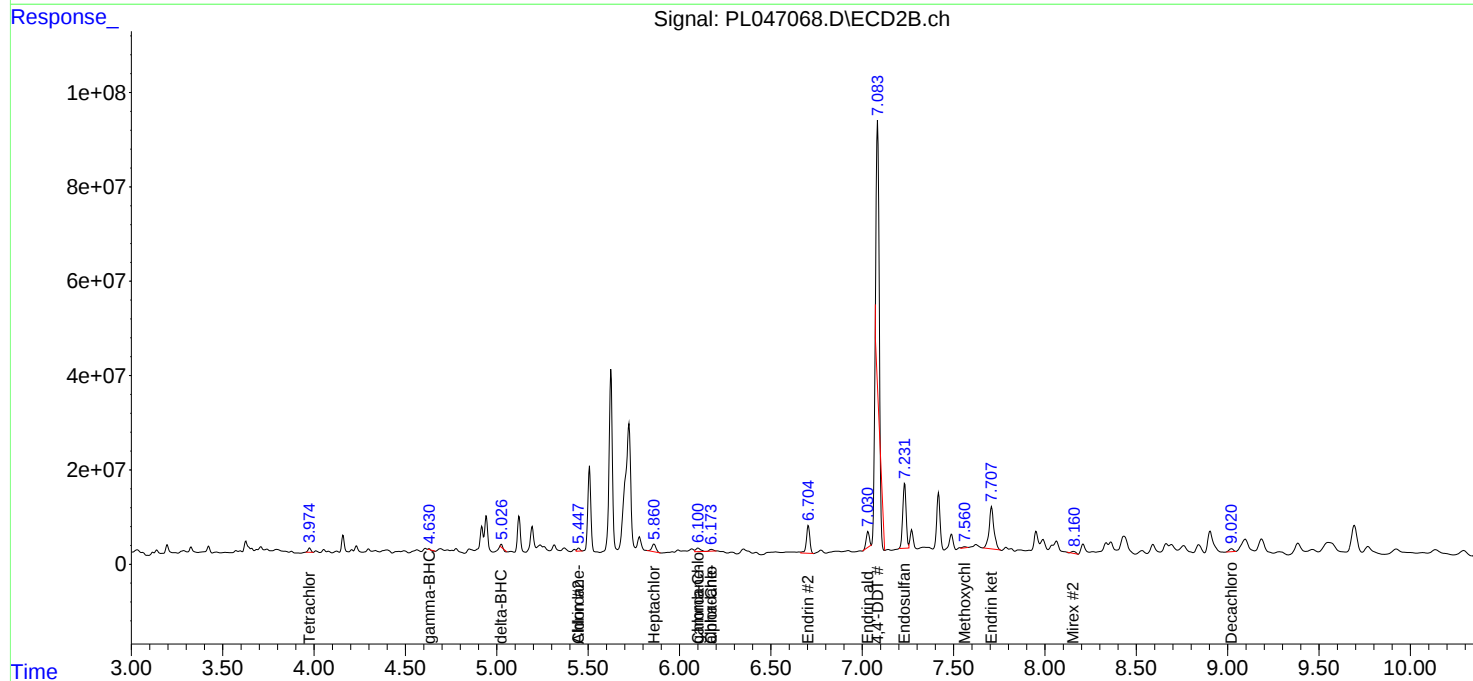
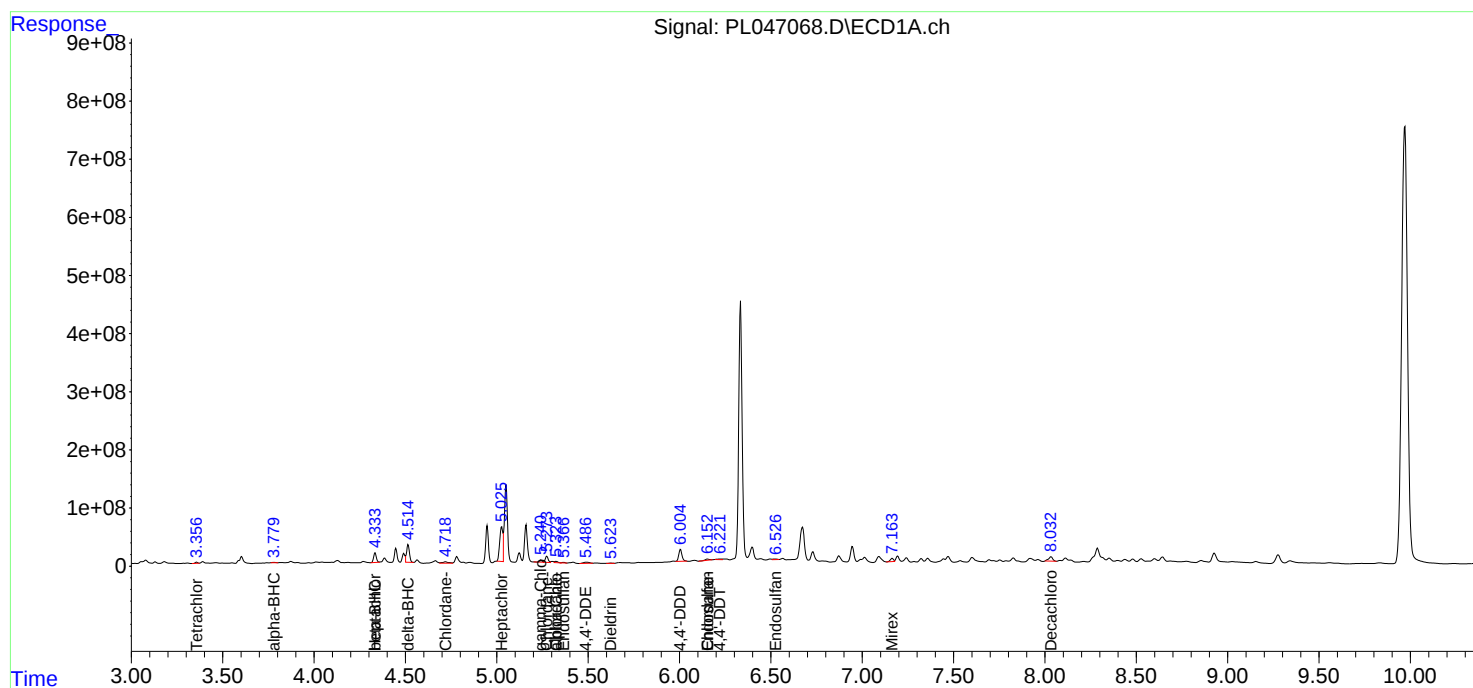
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

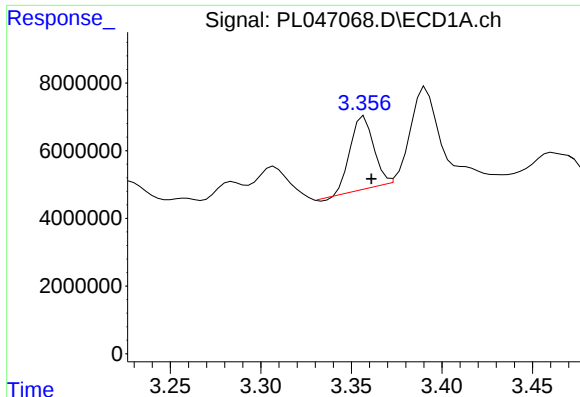
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040519\  
Data File : PL047068.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Apr 2019 12:24  
Operator : AJ\SJ  
Sample : K2256-06  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
CLEARWELL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 05 12:55:27 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 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

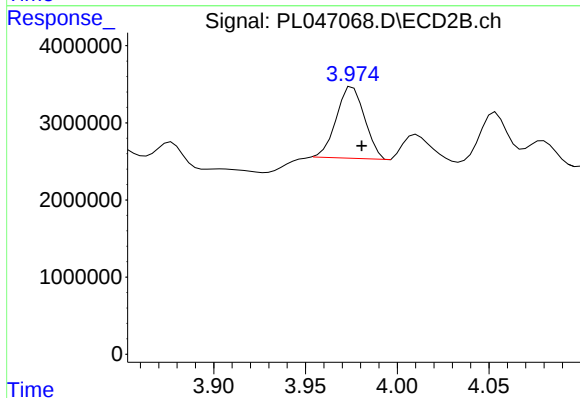




#1 Tetrachloro-m-xylene

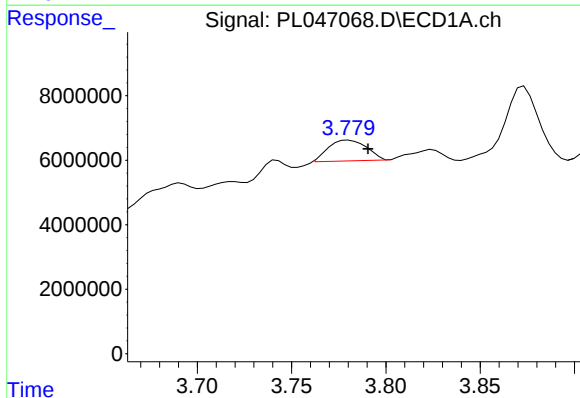
R.T.: 3.357 min  
Delta R.T.: -0.004 min  
Response: 19048248  
Conc: 2.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



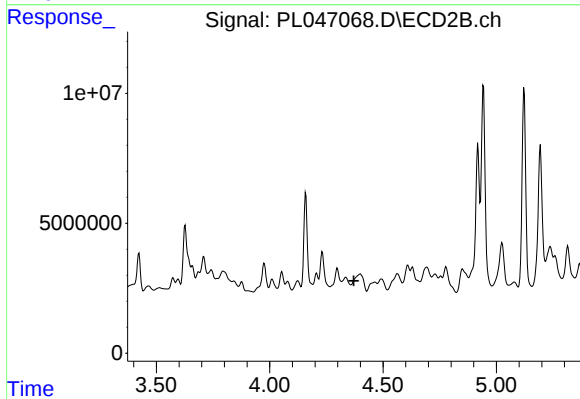
#1 Tetrachloro-m-xylene

R.T.: 3.976 min  
Delta R.T.: -0.005 min  
Response: 9936120  
Conc: 4.34 ng/ml



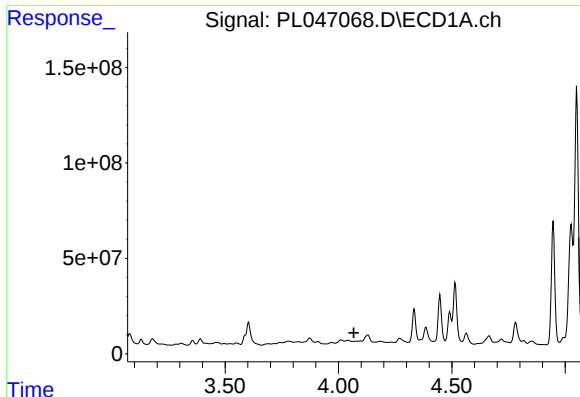
#2 alpha-BHC

R.T.: 3.780 min  
Delta R.T.: -0.010 min  
Response: 9092875  
Conc: 0.78 ng/ml



#2 alpha-BHC

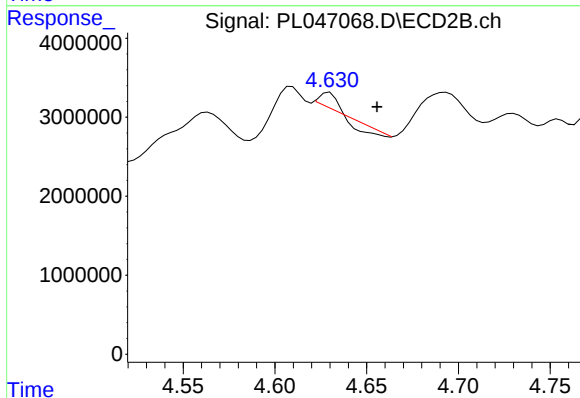
R.T.: 4.400 min  
Delta R.T.: 0.029 min  
Response: -432241  
Conc: N.D.



#3 gamma-BHC (Lindane)

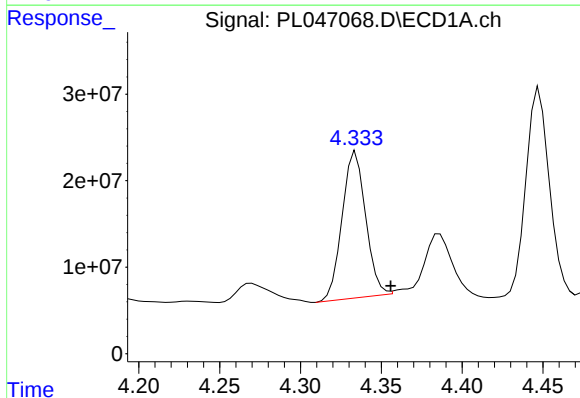
R.T.: 0.000 min  
Exp R.T.: 4.068 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



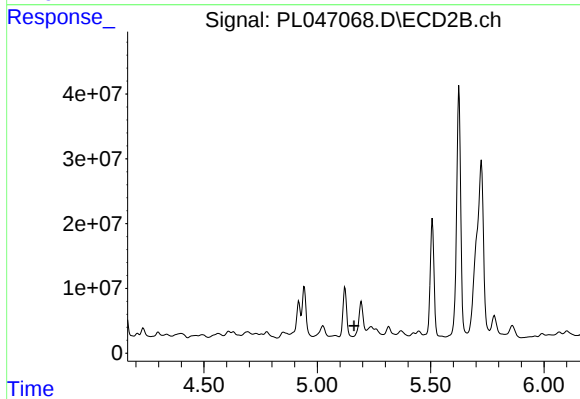
#3 gamma-BHC (Lindane)

R.T.: 4.630 min  
Delta R.T.: -0.026 min  
Response: 388118  
Conc: 0.13 ng/ml



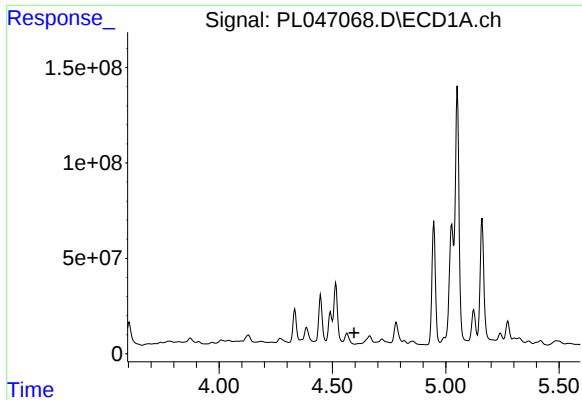
#4 Heptachlor

R.T.: 4.334 min  
Delta R.T.: -0.022 min  
Response: 171153767  
Conc: 15.52 ng/ml



#4 Heptachlor

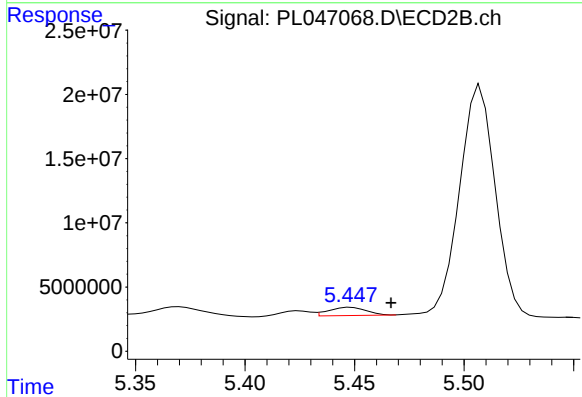
R.T.: 0.000 min  
Exp R.T.: 5.162 min  
Response: 0  
Conc: N.D.



#5 Aldrin

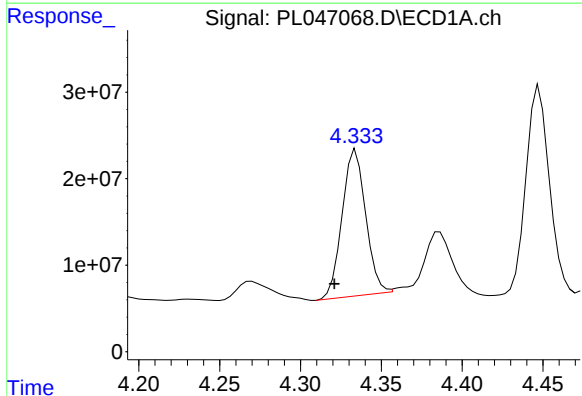
R.T.: 0.000 min  
Exp R.T.: 4.596 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



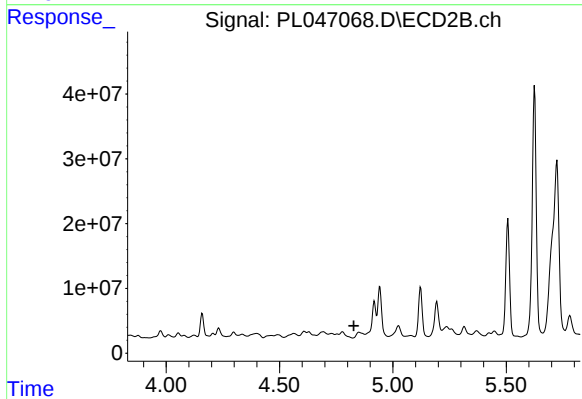
#5 Aldrin

R.T.: 5.448 min  
Delta R.T.: -0.018 min  
Response: 7592967  
Conc: 2.65 ng/ml



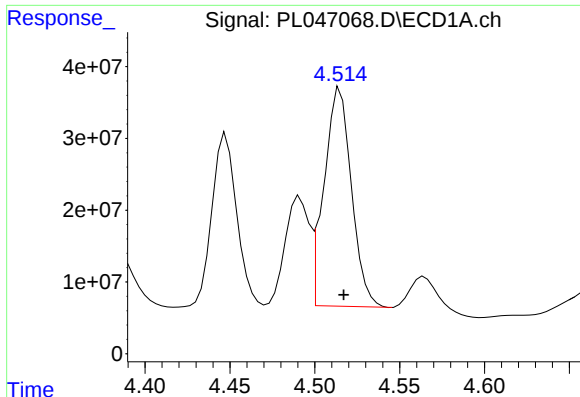
#6 beta-BHC

R.T.: 4.334 min  
Delta R.T.: 0.013 min  
Response: 171153767  
Conc: 38.01 ng/ml



#6 beta-BHC

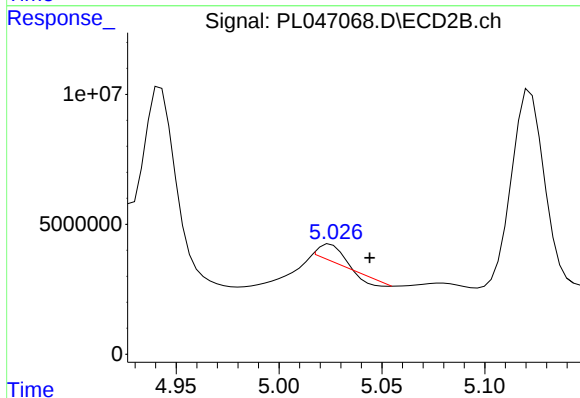
R.T.: 4.850 min  
Delta R.T.: 0.022 min  
Response: -3555374  
Conc: N.D.



#7 delta-BHC

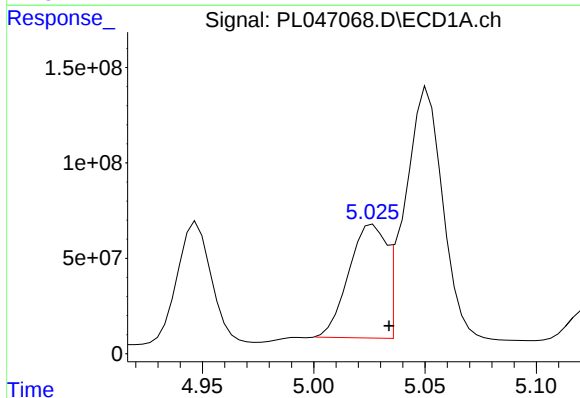
R.T.: 4.515 min  
Delta R.T.: -0.002 min  
Response: 341577788  
Conc: 33.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



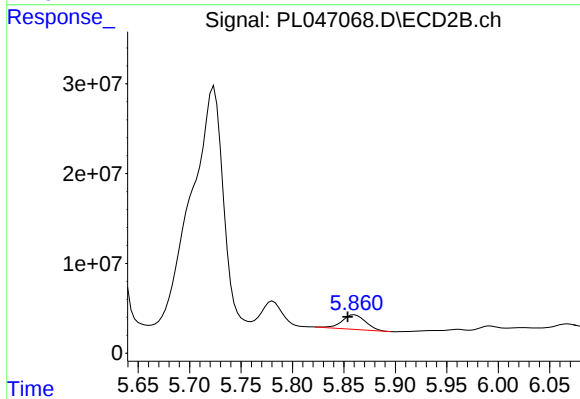
#7 delta-BHC

R.T.: 5.025 min  
Delta R.T.: -0.019 min  
Response: 3613375  
Conc: 1.56 ng/ml



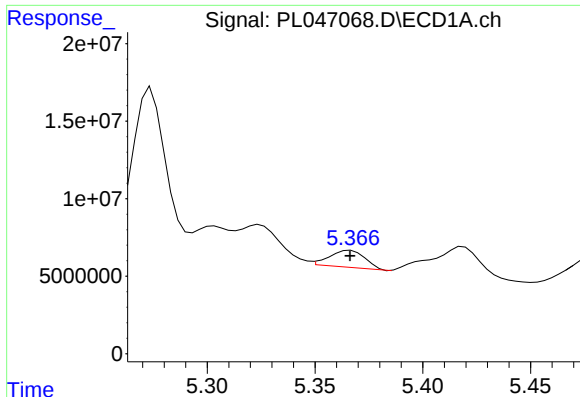
#8 Heptachlor epoxide

R.T.: 5.027 min  
Delta R.T.: -0.007 min  
Response: 693785756  
Conc: 71.13 ng/ml



#8 Heptachlor epoxide

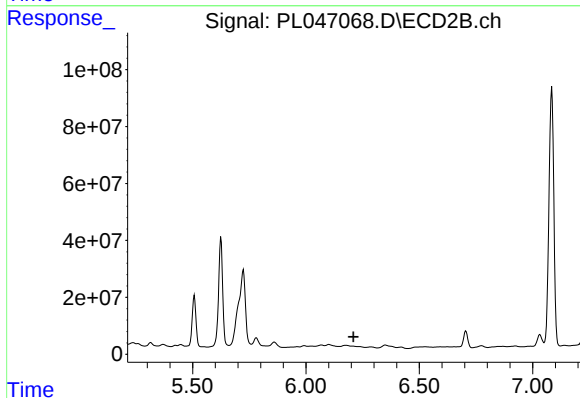
R.T.: 5.860 min  
Delta R.T.: 0.007 min  
Response: 25161257  
Conc: 9.54 ng/ml



#9 Endosulfan I

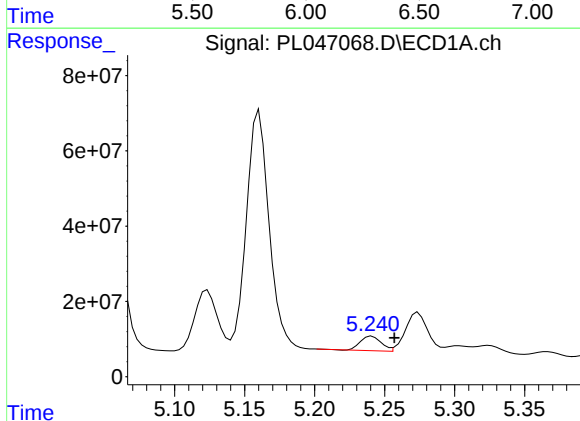
R.T.: 5.367 min  
Delta R.T.: 0.000 min  
Response: 12489901  
Conc: 1.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



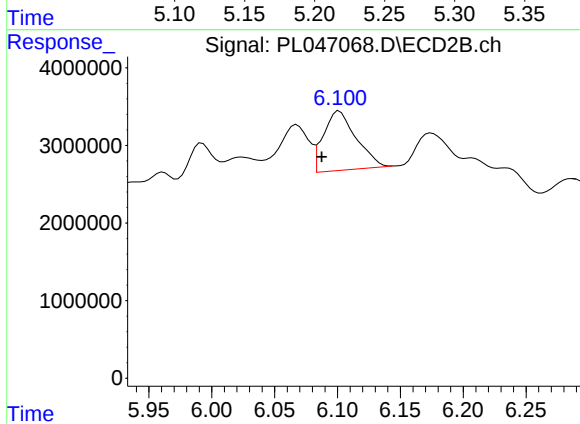
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 6.210 min  
Response: 0  
Conc: N.D.



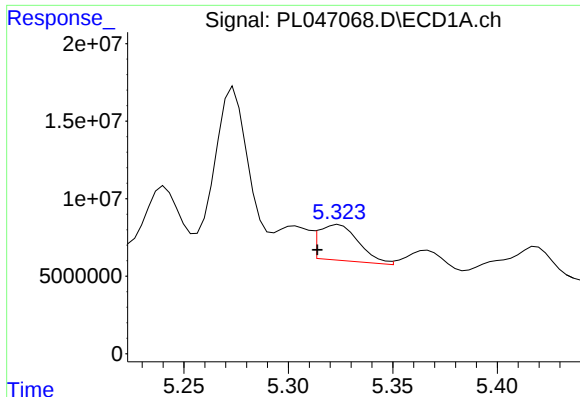
#10 gamma-Chlordane

R.T.: 5.241 min  
Delta R.T.: -0.016 min  
Response: 40279669  
Conc: 3.92 ng/ml



#10 gamma-Chlordane

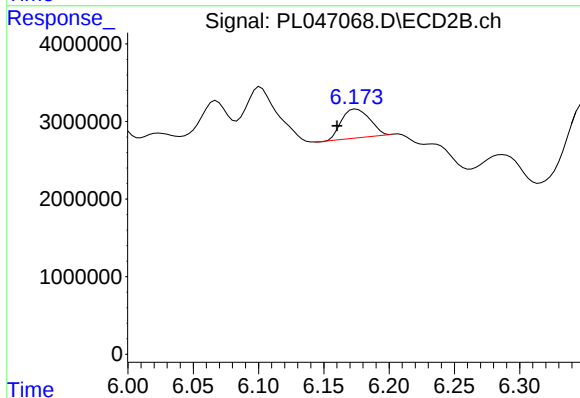
R.T.: 6.101 min  
Delta R.T.: 0.014 min  
Response: 13802884  
Conc: 4.86 ng/ml



#11 alpha-Chlordane

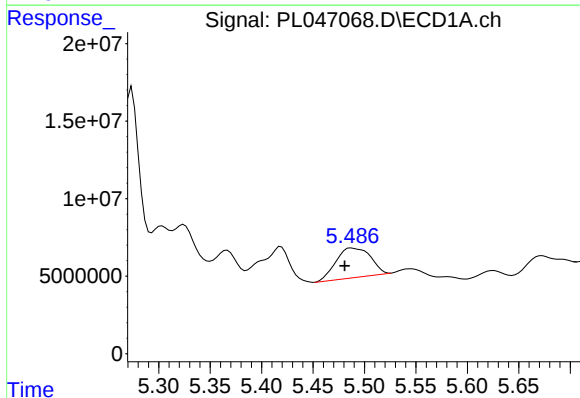
R.T.: 5.324 min  
Delta R.T.: 0.010 min  
Response: 30682404  
Conc: 3.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



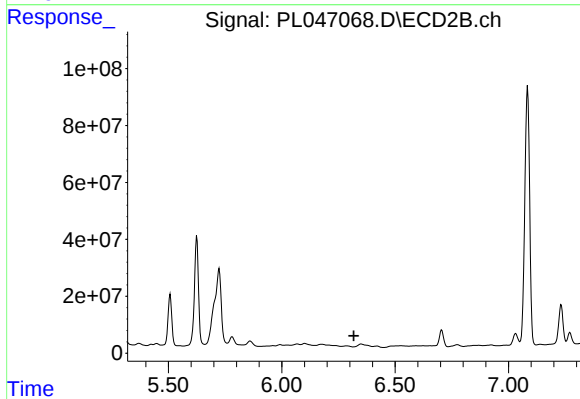
#11 alpha-Chlordane

R.T.: 6.175 min  
Delta R.T.: 0.015 min  
Response: 5595043  
Conc: 1.97 ng/ml



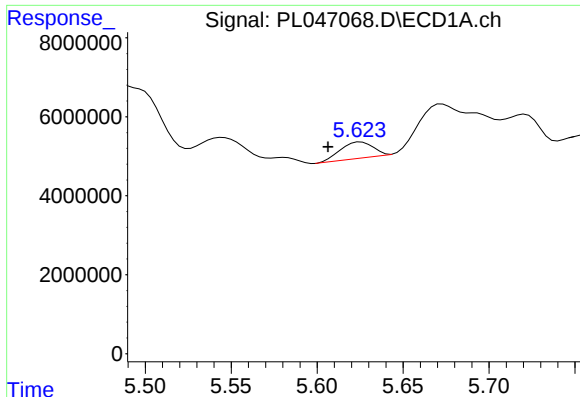
#12 4,4'-DDE

R.T.: 5.487 min  
Delta R.T.: 0.007 min  
Response: 44492004  
Conc: 4.83 ng/ml



#12 4,4'-DDE

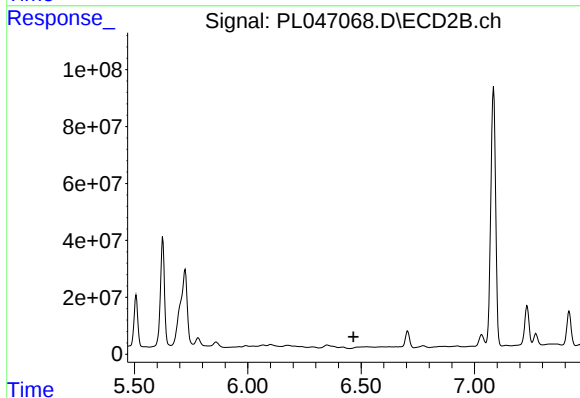
R.T.: 0.000 min  
Exp R.T.: 6.318 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

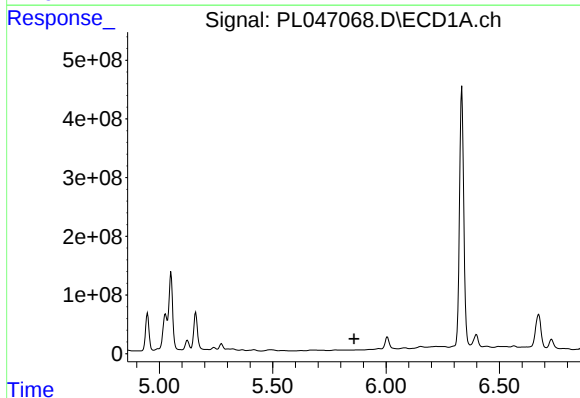
R.T.: 5.625 min  
Delta R.T.: 0.019 min  
Response: 5405682  
Conc: 0.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



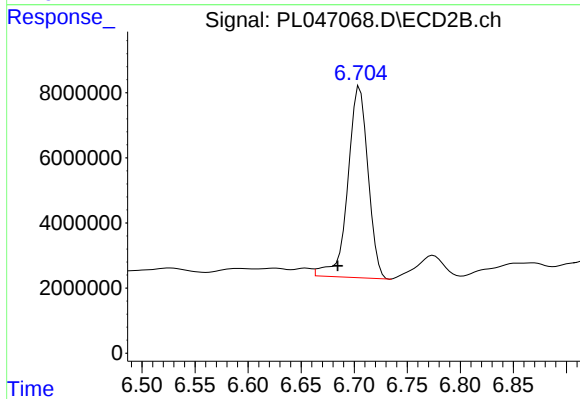
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.467 min  
Response: 0  
Conc: N.D.



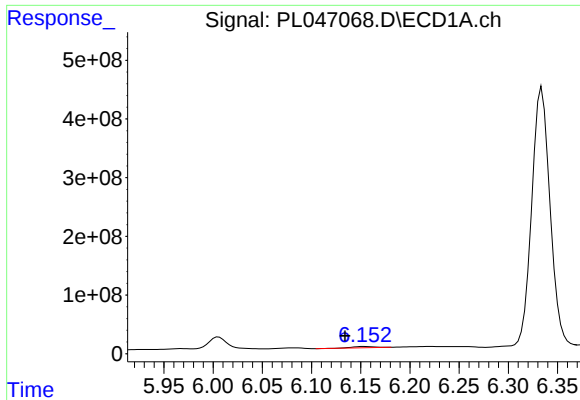
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 5.860 min  
Response: 0  
Conc: N.D.



#14 Endrin

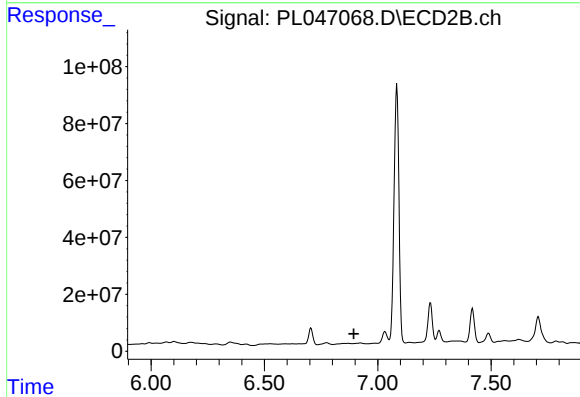
R.T.: 6.705 min  
Delta R.T.: 0.021 min  
Response: 77951761  
Conc: 32.62 ng/ml



#15 Endosulfan II

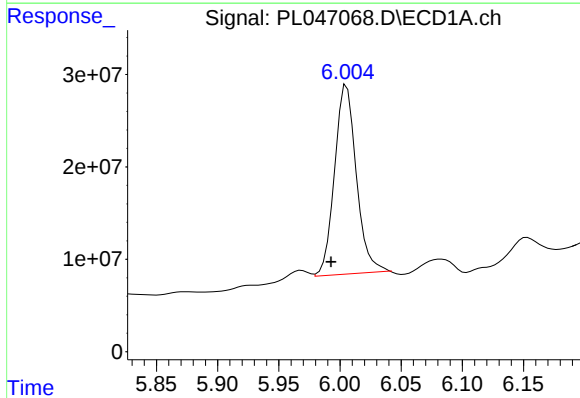
R.T.: 6.153 min  
Delta R.T.: 0.019 min  
Response: 35512495  
Conc: 3.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



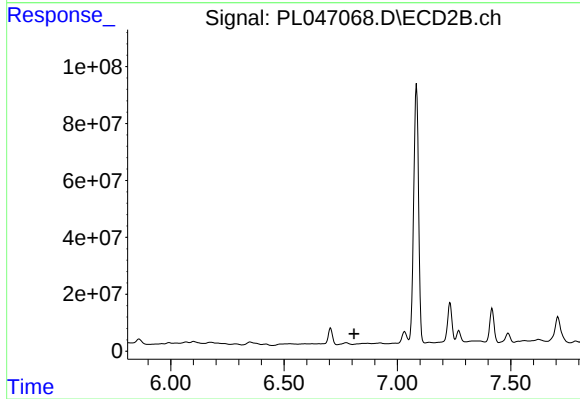
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.895 min  
Response: 0  
Conc: N.D.



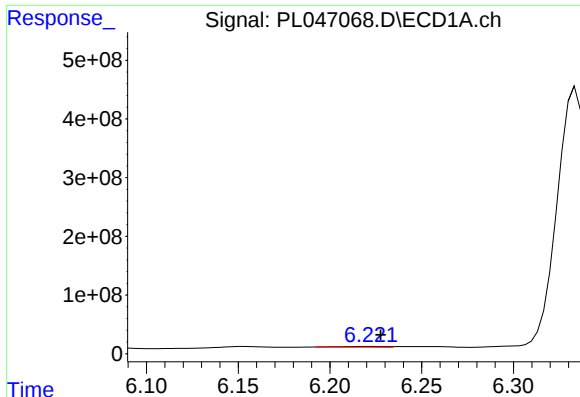
#16 4,4'-DDD

R.T.: 6.006 min  
Delta R.T.: 0.013 min  
Response: 254192213  
Conc: 33.63 ng/ml



#16 4,4'-DDD

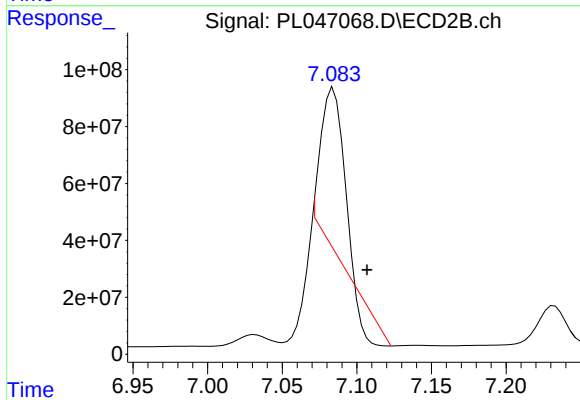
R.T.: 0.000 min  
Exp R.T. : 6.809 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

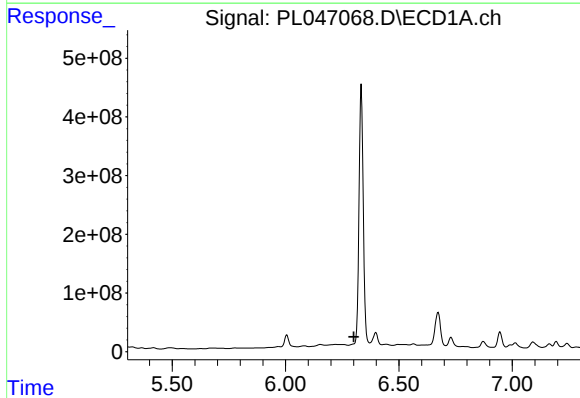
R.T.: 6.223 min  
Delta R.T.: -0.005 min  
Response: 19710983  
Conc: 2.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



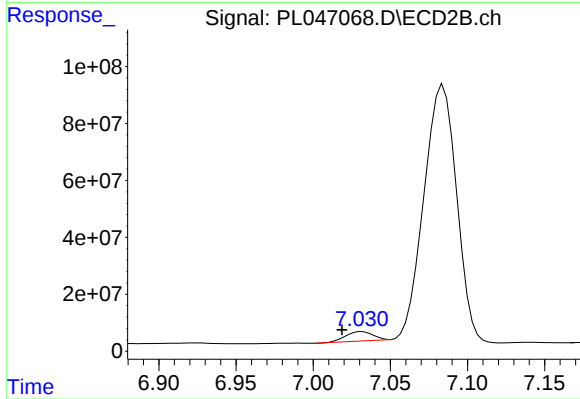
#17 4,4'-DDT

R.T.: 7.084 min  
Delta R.T.: -0.023 min  
Response: 496526454  
Conc: 236.78 ng/ml



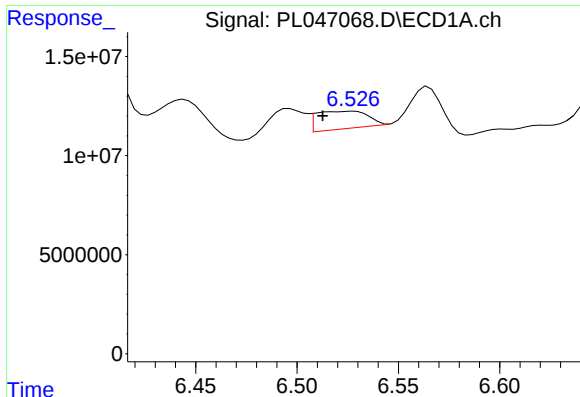
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.302 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

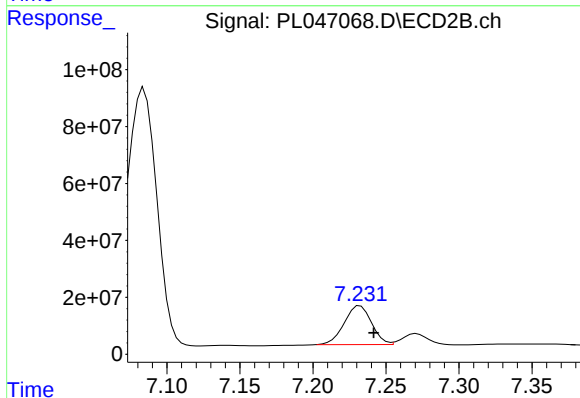
R.T.: 7.032 min  
Delta R.T.: 0.013 min  
Response: 39385926  
Conc: 18.54 ng/ml



#19 Endosulfan Sulfate

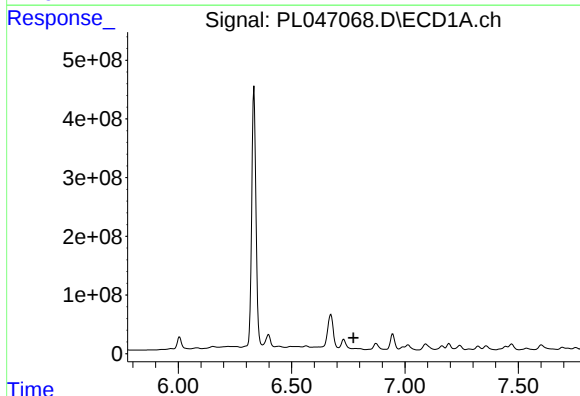
R.T.: 6.528 min  
Delta R.T.: 0.015 min  
Response: 15665248  
Conc: 1.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



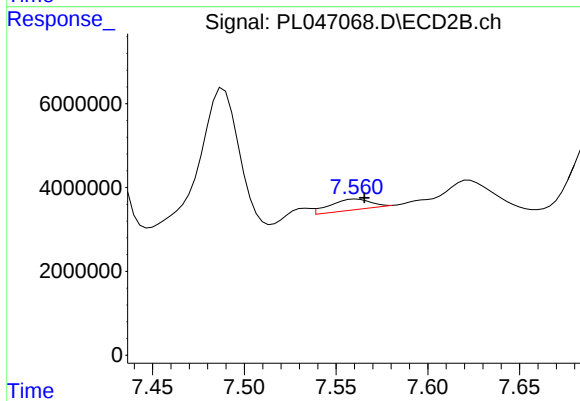
#19 Endosulfan Sulfate

R.T.: 7.232 min  
Delta R.T.: -0.009 min  
Response: 177920947  
Conc: 75.42 ng/ml



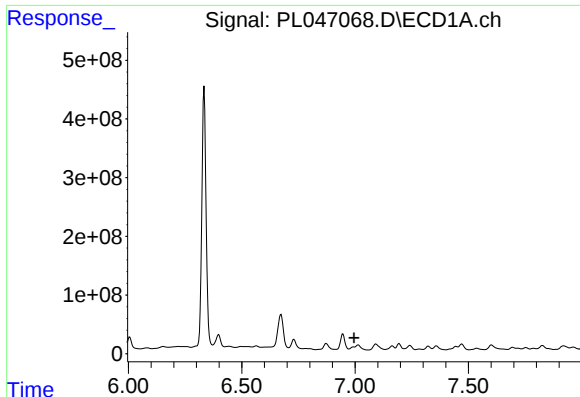
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.773 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

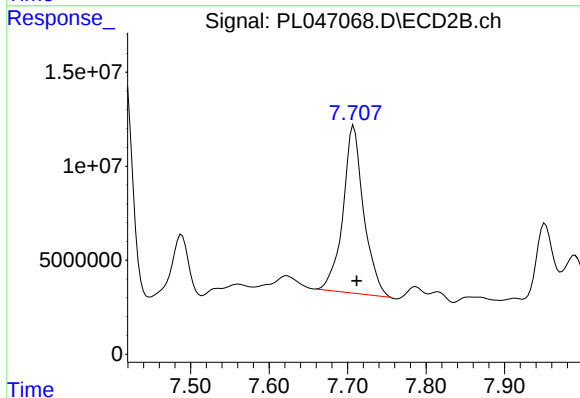
R.T.: 7.561 min  
Delta R.T.: -0.004 min  
Response: 3969218  
Conc: 3.11 ng/ml



#21 Endrin ketone

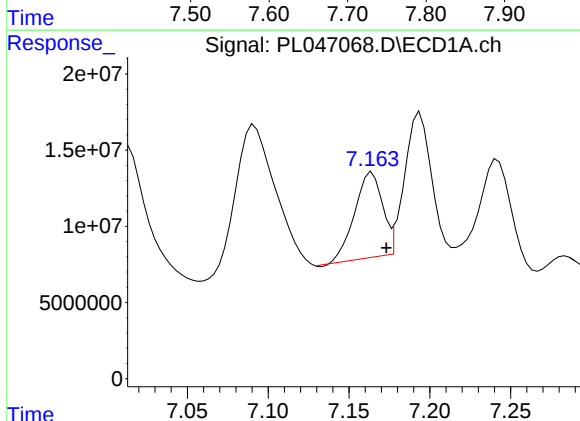
R.T.: 7.014 min  
Delta R.T.: 0.017 min  
Response: -3854074  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



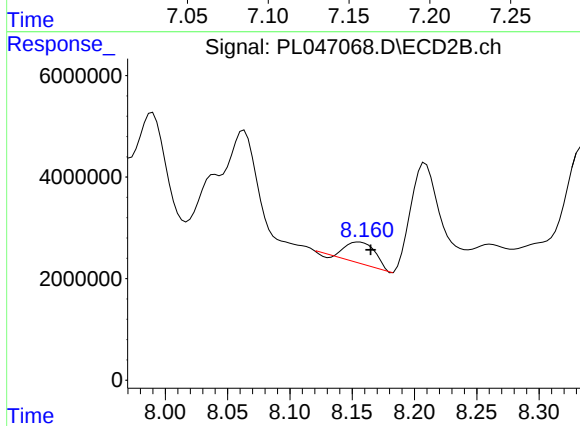
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: -0.004 min  
Response: 162873671  
Conc: 65.55 ng/ml



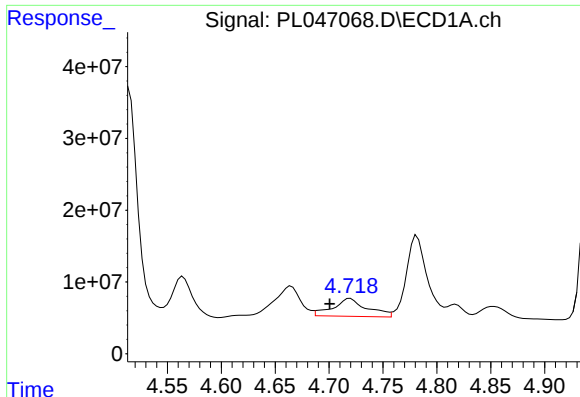
#22 Mirex

R.T.: 7.164 min  
Delta R.T.: -0.009 min  
Response: 66561241  
Conc: 9.14 ng/ml



#22 Mirex

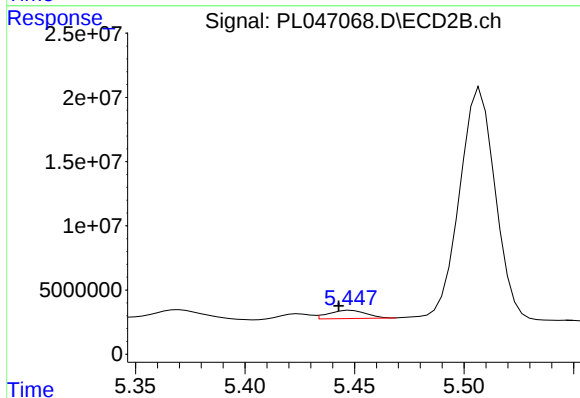
R.T.: 8.156 min  
Delta R.T.: -0.009 min  
Response: 6854969  
Conc: 3.43 ng/ml



#24 Chlordane-2

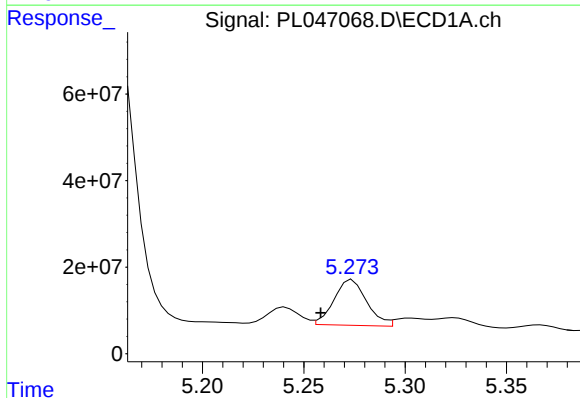
R.T.: 4.720 min  
Delta R.T.: 0.019 min  
Response: 54010401  
Conc: 142.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



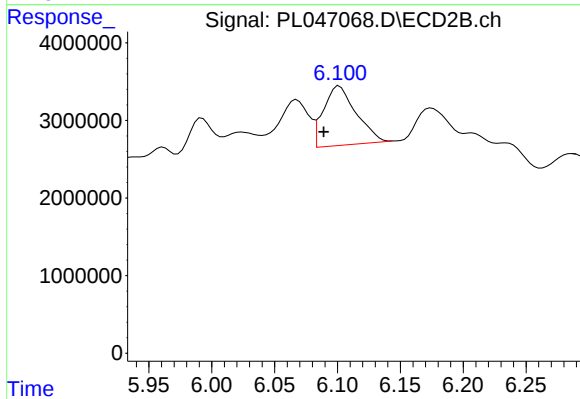
#24 Chlordane-2

R.T.: 5.448 min  
Delta R.T.: 0.006 min  
Response: 7592967  
Conc: 65.00 ng/ml



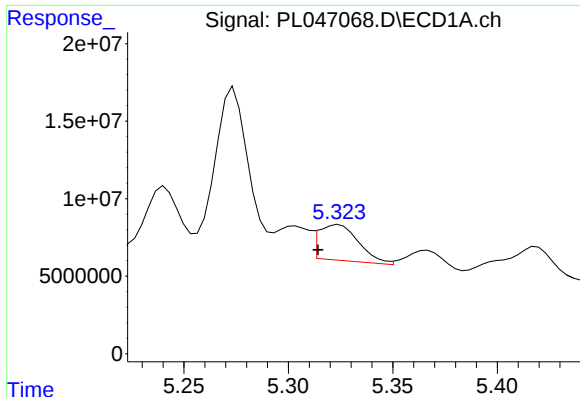
#25 Chlordane-3

R.T.: 5.274 min  
Delta R.T.: 0.016 min  
Response: 118237686  
Conc: 106.17 ng/ml



#25 Chlordane-3

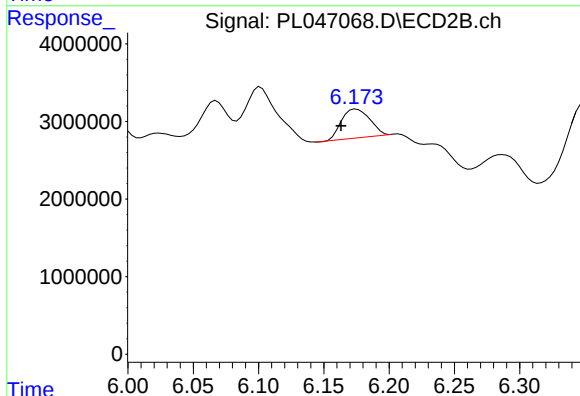
R.T.: 6.101 min  
Delta R.T.: 0.012 min  
Response: 13802884  
Conc: 36.20 ng/ml



#26 Chlordane-4

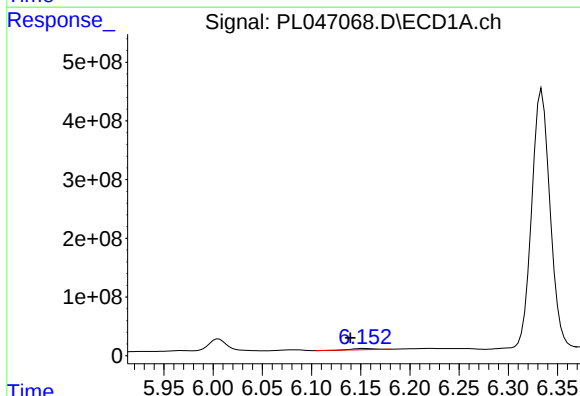
R.T.: 5.324 min  
Delta R.T.: 0.010 min  
Response: 30682404  
Conc: 29.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



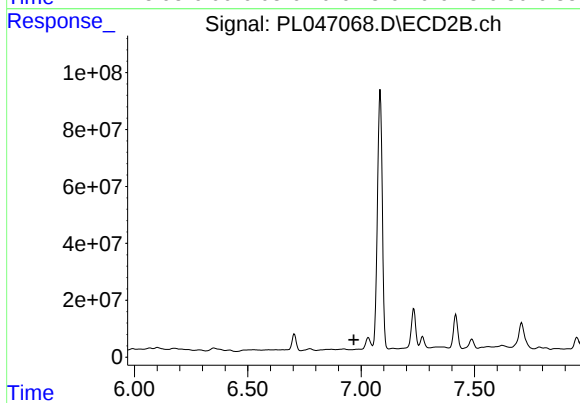
#26 Chlordane-4

R.T.: 6.175 min  
Delta R.T.: 0.012 min  
Response: 5595043  
Conc: 12.13 ng/ml



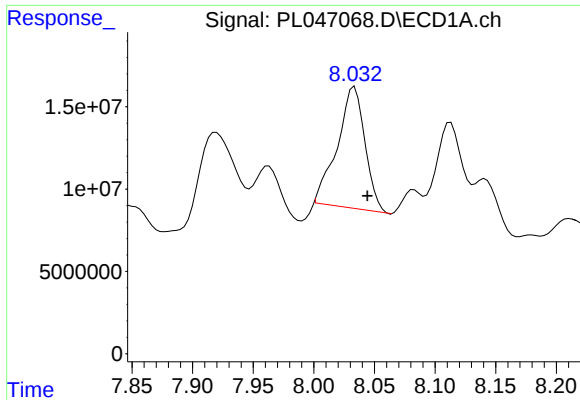
#27 Chlordane-5

R.T.: 6.153 min  
Delta R.T.: 0.014 min  
Response: 35512495  
Conc: 104.06 ng/ml



#27 Chlordane-5

R.T.: 6.990 min  
Delta R.T.: 0.023 min  
Response: -1562892  
Conc: N.D.



#28 Decachlorobiphenyl

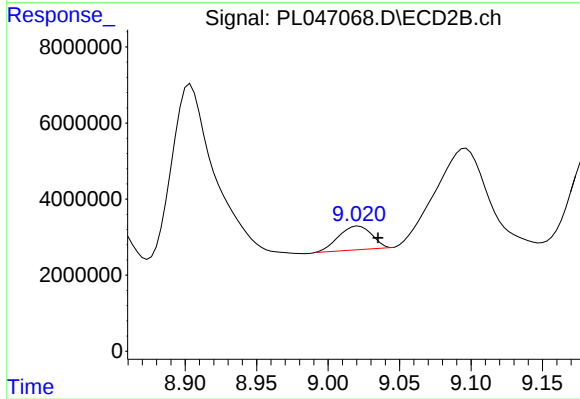
R.T.: 8.034 min

Delta R.T.: -0.011 min

Response: 116828869

Conc: 13.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CLEARWELL



#28 Decachlorobiphenyl

R.T.: 9.021 min

Delta R.T.: -0.014 min

Response: 10072157

Conc: 4.34 ng/ml