

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL093019\  
 Data File : PL052863.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Sep 2019 18:09  
 Operator : SG\AJ  
 Sample : K4668-16  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SU-04-092619

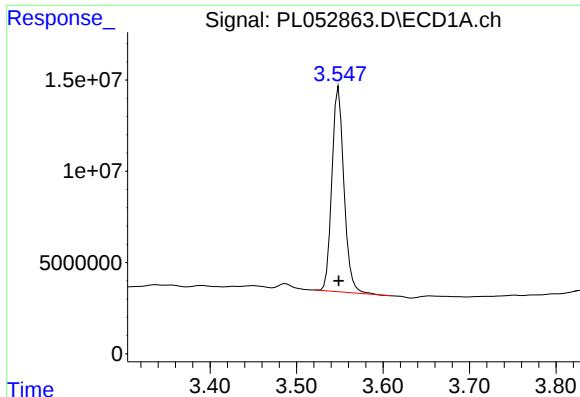
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 01 01:00:20 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 2019  
 Response via : Initial Calibration  
 Integrator: 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... | 3.549 | 4.046  | 108.4E6  | 30783032 | 10.901 | 11.464    |
| 28)                         | SA Decachlor... | 8.344 | 9.122  | 122.3E6  | 39285341 | 12.210 | 13.391    |
| Target Compounds            |                 |       |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 0.000 | 4.463f | 0        | 2010515  | N.D.   | 0.524 #   |
| 4)                          | MA Heptachlor   | 0.000 | 5.230  | 0        | 15225633 | N.D.   | 3.995 #   |
| 5)                          | MB Aldrin       | 0.000 | 5.509f | 0        | 20427119 | N.D.   | 5.894 #   |
| 6)                          | B beta-BHC      | 0.000 | 4.920f | 0        | 813269   | N.D.   | 0.517 #   |
| 7)                          | B delta-BHC     | 0.000 | 5.108  | 0        | 4295973  | N.D.   | 1.187 #   |
| 8)                          | B Heptachlo...  | 0.000 | 5.939  | 0        | 16670006 | N.D.   | 4.974 #   |
| 9)                          | A Endosulfan I  | 0.000 | 6.277  | 0        | 15835335 | N.D.   | 5.066 #   |
| 10)                         | B gamma-Chl...  | 5.518 | 6.157  | 13874566 | 19916505 | 1.032  | 5.887 #   |
| 11)                         | B alpha-Chl...  | 5.576 | 6.231  | 28217018 | 41760169 | 2.139  | 12.407 #  |
| 12)                         | B 4,4'-DDE      | 5.739 | 6.383  | 56891160 | 29323362 | 4.902  | 8.978 #   |
| 13)                         | MA Dieldrin     | 0.000 | 6.548  | 0        | 10783815 | N.D.   | 3.306 #   |
| 14)                         | MA Endrin       | 0.000 | 6.778f | 0        | 5804425  | N.D.   | 2.090 #   |
| 15)                         | B Endosulfa...  | 0.000 | 6.949  | 0        | 6738734  | N.D.   | 2.271 #   |
| 16)                         | A 4,4'-DDD      | 0.000 | 6.876  | 0        | 3139318  | N.D.   | 1.280 #   |
| 17)                         | MA 4,4'-DDT     | 6.500 | 7.173  | 17788102 | 5165182  | 1.742  | 1.985     |
| 23)                         | Chlordane-1     | 0.000 | 5.045  | 0        | 6123185  | N.D.   | 60.369 #  |
| 24)                         | Chlordane-2     | 4.944 | 5.509  | 14965128 | 20427119 | 37.668 | 182.512 # |
| 25)                         | Chlordane-3     | 5.518 | 6.157  | 13874566 | 19916505 | 11.974 | 45.732 #  |
| 26)                         | Chlordane-4     | 5.576 | 6.231  | 28217018 | 41760169 | 29.565 | 78.645 #  |
| 27)                         | Chlordane-5     | 0.000 | 7.031  | 0        | 2458520  | N.D.   | 27.871 #  |
| -----                       |                 |       |        |          |          |        |           |

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

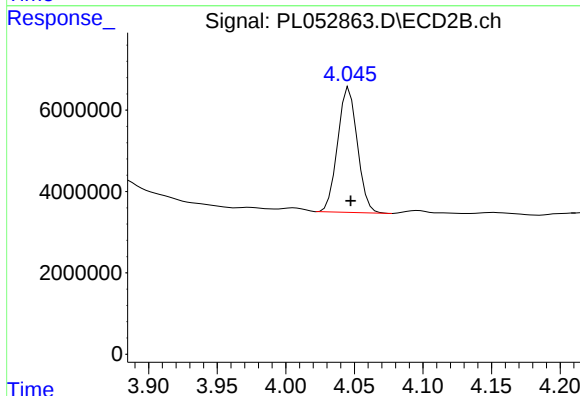




#1 Tetrachloro-m-xylene

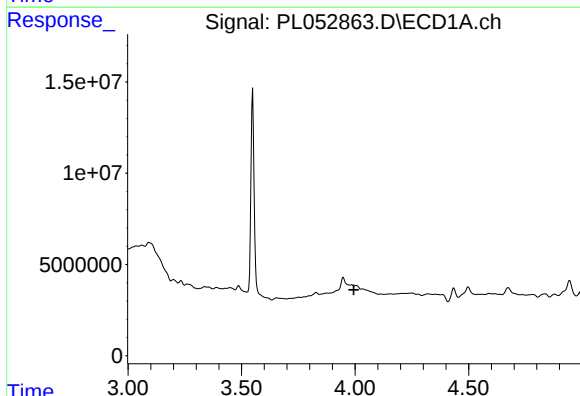
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 108425321  
Conc: 10.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-092619



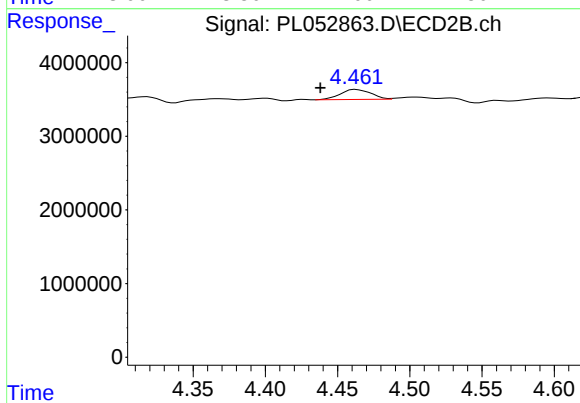
#1 Tetrachloro-m-xylene

R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 30783032  
Conc: 11.46 ng/ml



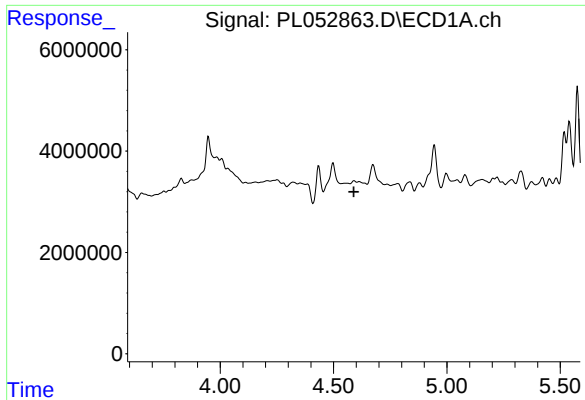
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.994 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

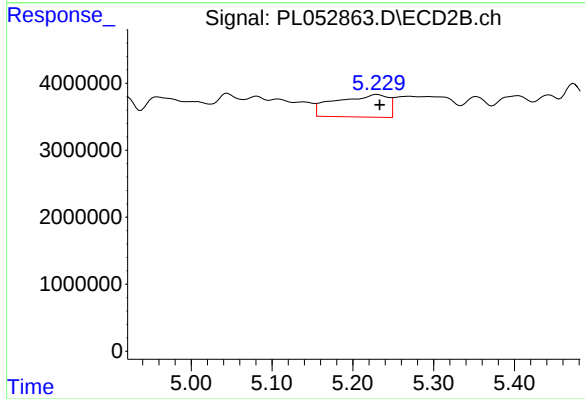
R.T.: 4.463 min  
Delta R.T.: 0.025 min  
Response: 2010515  
Conc: 0.52 ng/ml



#4 Heptachlor

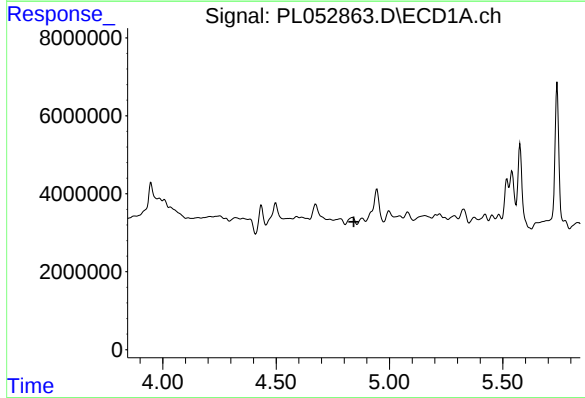
R.T.: 0.000 min  
Exp R.T.: 4.590 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-092619



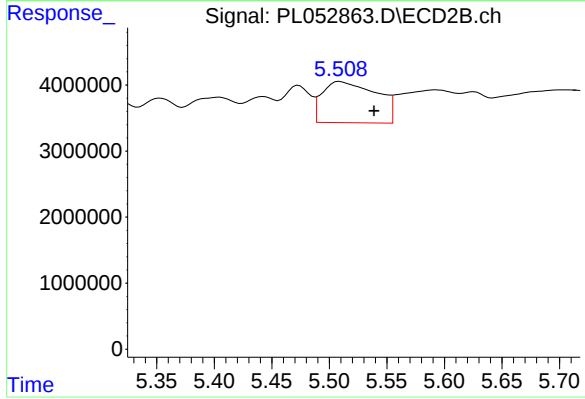
#4 Heptachlor

R.T.: 5.230 min  
Delta R.T.: -0.003 min  
Response: 15225633  
Conc: 4.00 ng/ml



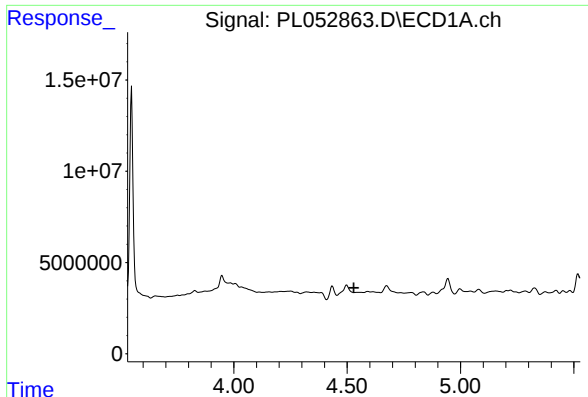
#5 Aldrin

R.T.: 0.000 min  
Exp R.T.: 4.843 min  
Response: 0  
Conc: N.D.



#5 Aldrin

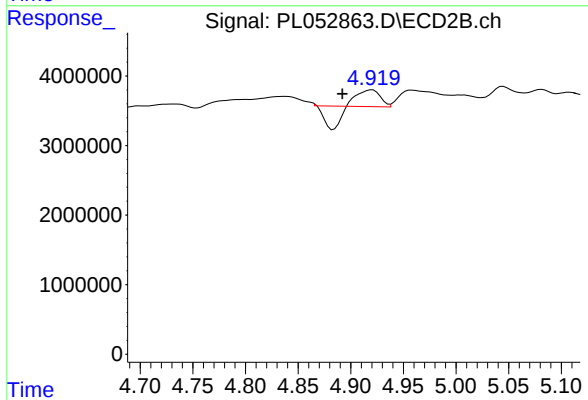
R.T.: 5.509 min  
Delta R.T.: -0.030 min  
Response: 20427119  
Conc: 5.89 ng/ml



#6 beta-BHC

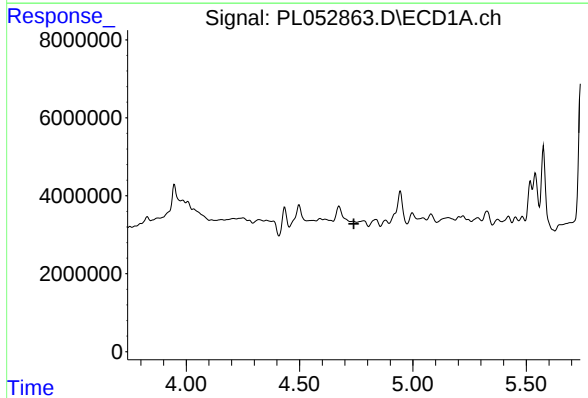
R.T.: 0.000 min  
Exp R.T.: 4.530 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-092619



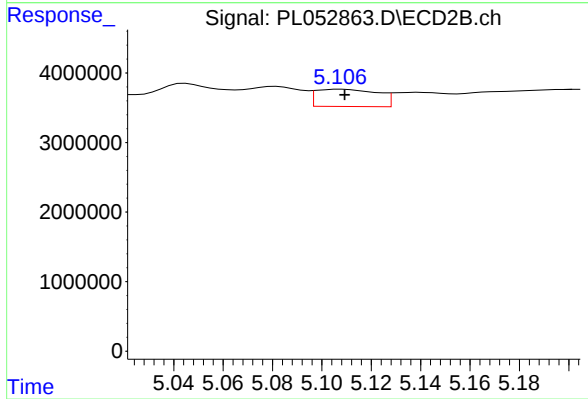
#6 beta-BHC

R.T.: 4.920 min  
Delta R.T.: 0.028 min  
Response: 813269  
Conc: 0.52 ng/ml



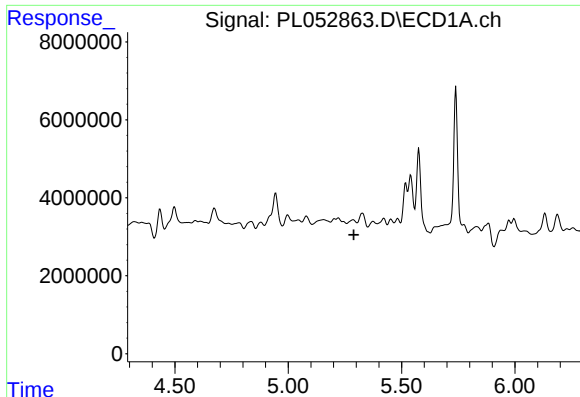
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.740 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

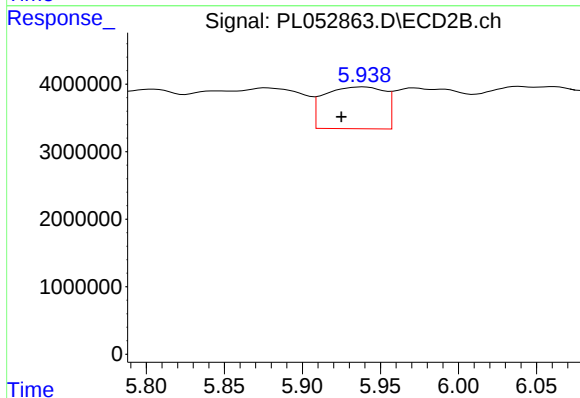
R.T.: 5.108 min  
Delta R.T.: -0.001 min  
Response: 4295973  
Conc: 1.19 ng/ml



#8 Heptachlor epoxide

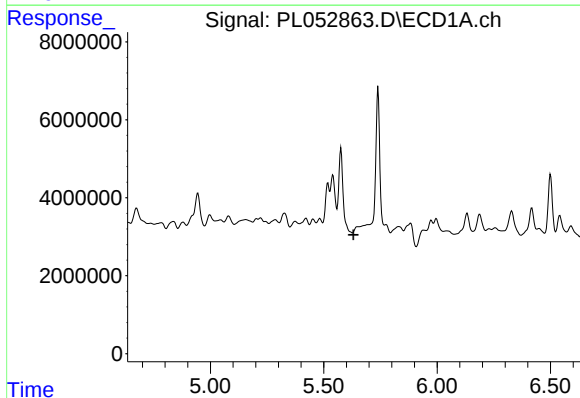
R.T.: 0.000 min  
Exp R.T.: 5.289 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-092619



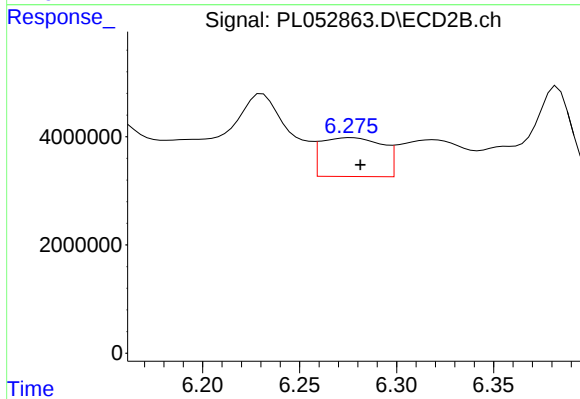
#8 Heptachlor epoxide

R.T.: 5.939 min  
Delta R.T.: 0.014 min  
Response: 16670006  
Conc: 4.97 ng/ml



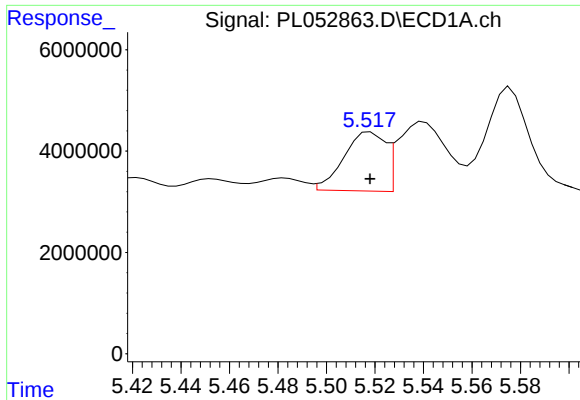
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T.: 5.632 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

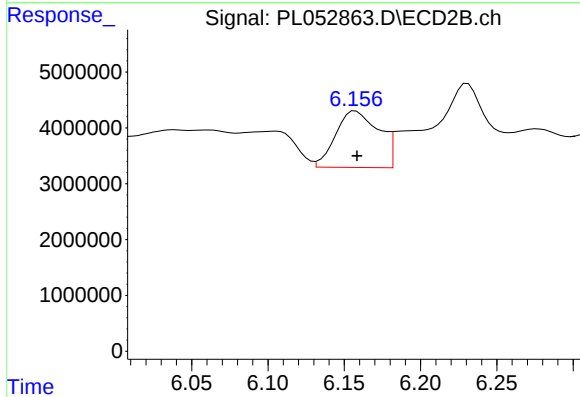
R.T.: 6.277 min  
Delta R.T.: -0.005 min  
Response: 15835335  
Conc: 5.07 ng/ml



#10 gamma-Chlordane

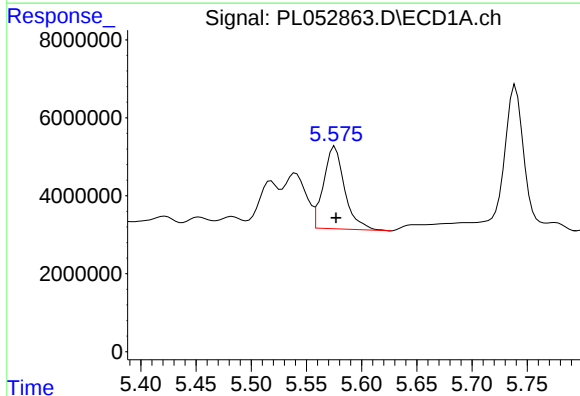
R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 13874566  
Conc: 1.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-092619



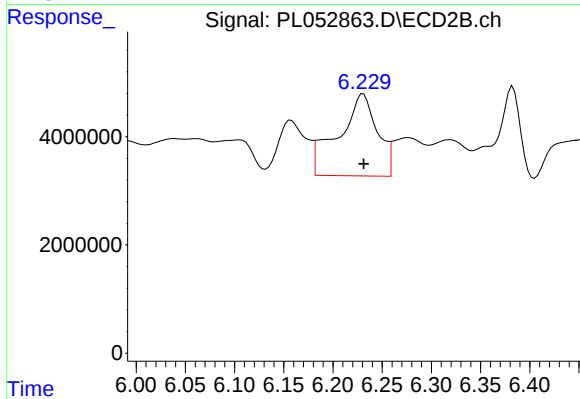
#10 gamma-Chlordane

R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 19916505  
Conc: 5.89 ng/ml



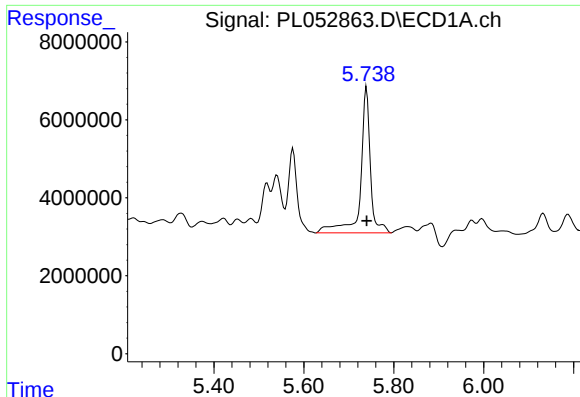
#11 alpha-Chlordane

R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 28217018  
Conc: 2.14 ng/ml



#11 alpha-Chlordane

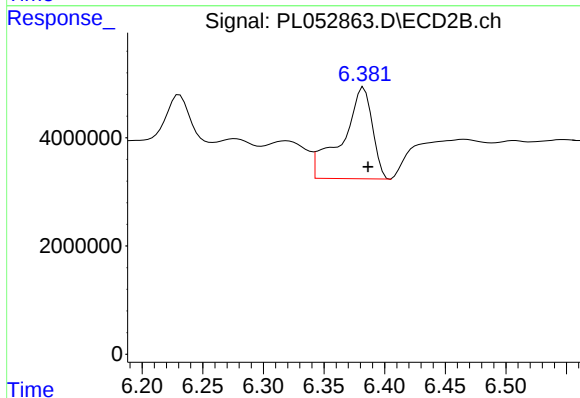
R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 41760169  
Conc: 12.41 ng/ml



#12 4,4'-DDE

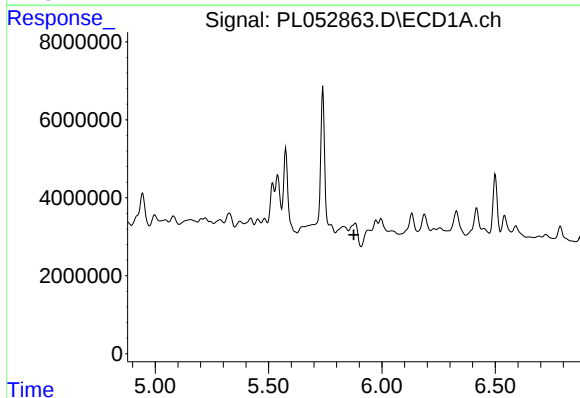
R.T.: 5.739 min  
Delta R.T.: 0.000 min  
Response: 56891160  
Conc: 4.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-092619



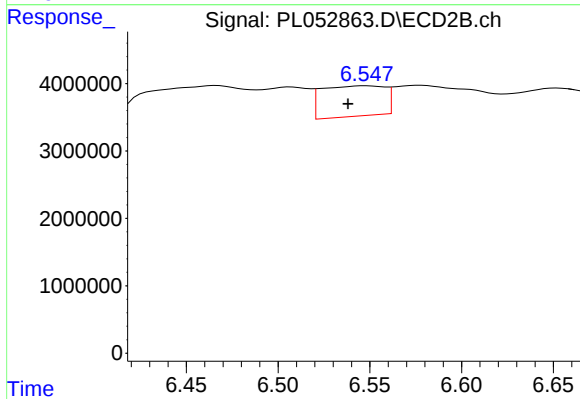
#12 4,4'-DDE

R.T.: 6.383 min  
Delta R.T.: -0.004 min  
Response: 29323362  
Conc: 8.98 ng/ml



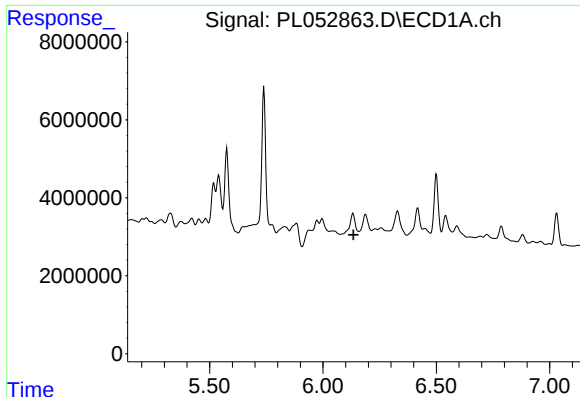
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.876 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

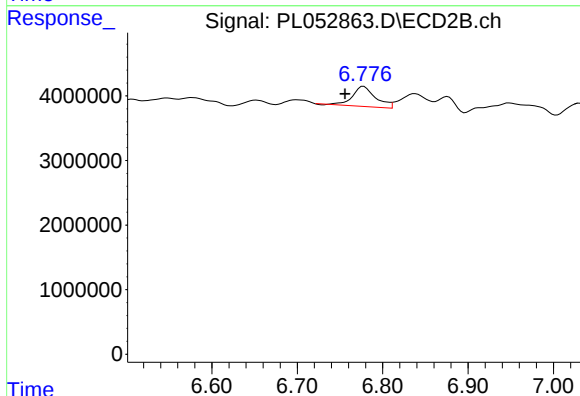
R.T.: 6.548 min  
Delta R.T.: 0.010 min  
Response: 10783815  
Conc: 3.31 ng/ml



#14 Endrin

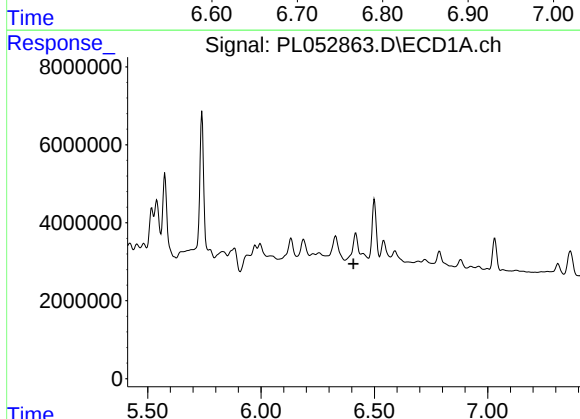
R.T.: 0.000 min  
Exp R.T.: 6.135 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-092619



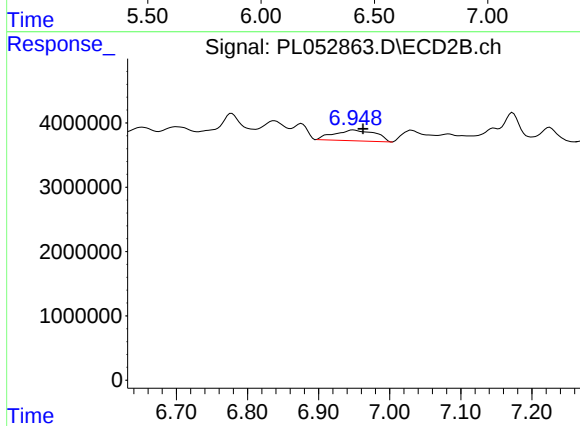
#14 Endrin

R.T.: 6.778 min  
Delta R.T.: 0.022 min  
Response: 5804425  
Conc: 2.09 ng/ml



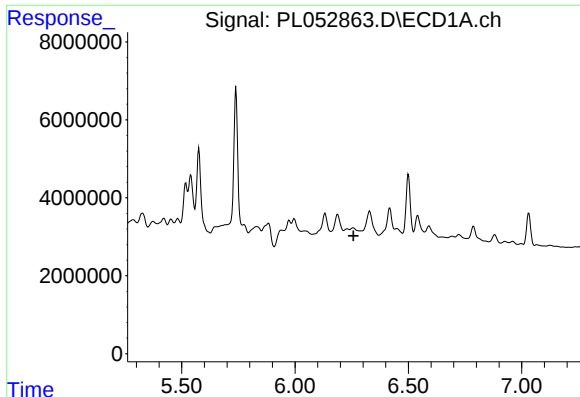
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.408 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

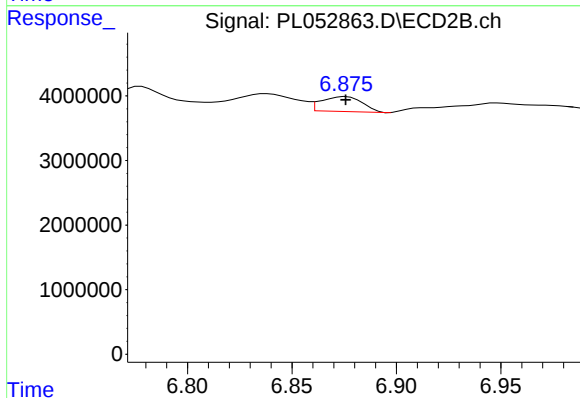
R.T.: 6.949 min  
Delta R.T.: -0.014 min  
Response: 6738734  
Conc: 2.27 ng/ml



#16 4,4'-DDD

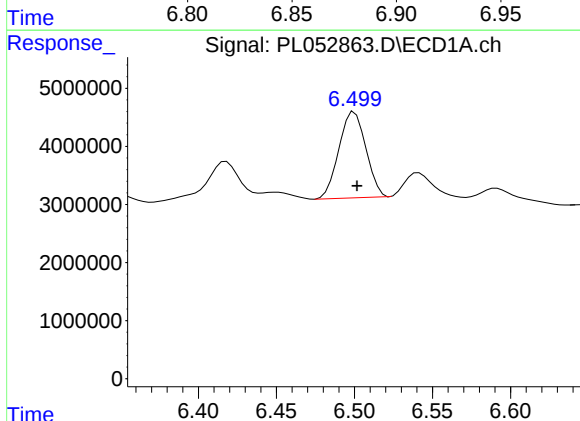
R.T.: 0.000 min  
Exp R.T.: 6.258 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-092619



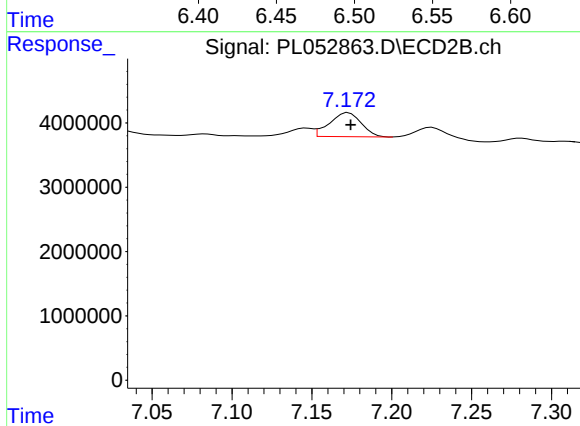
#16 4,4'-DDD

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 3139318  
Conc: 1.28 ng/ml



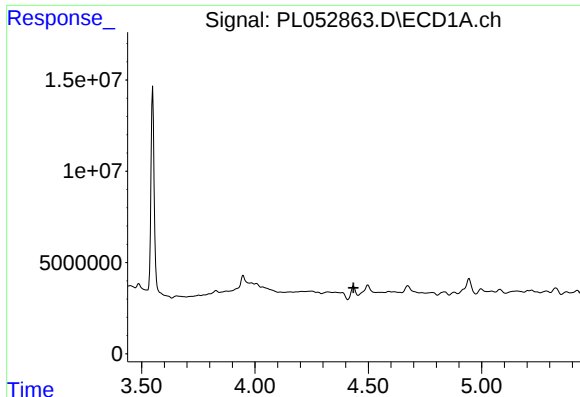
#17 4,4'-DDT

R.T.: 6.500 min  
Delta R.T.: -0.002 min  
Response: 17788102  
Conc: 1.74 ng/ml



#17 4,4'-DDT

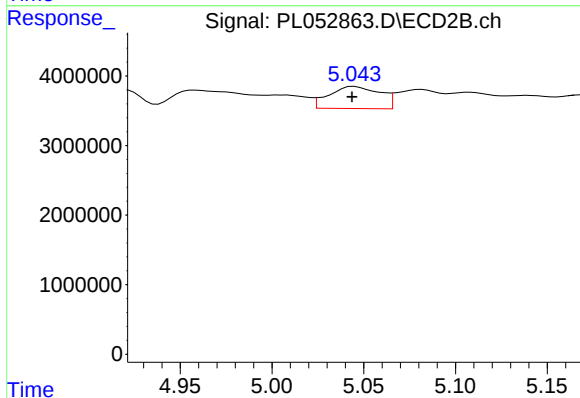
R.T.: 7.173 min  
Delta R.T.: -0.001 min  
Response: 5165182  
Conc: 1.98 ng/ml



#23 Chlordane-1

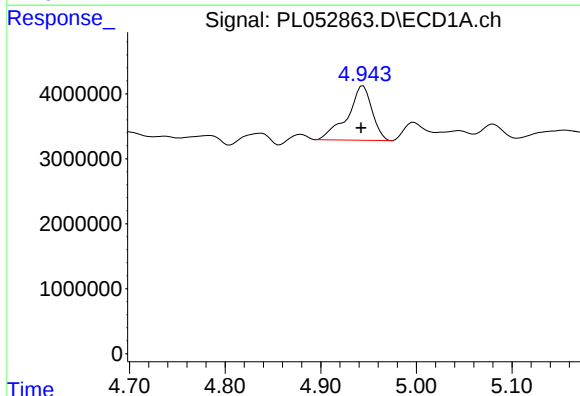
R.T.: 0.000 min  
Exp R.T.: 4.435 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-092619



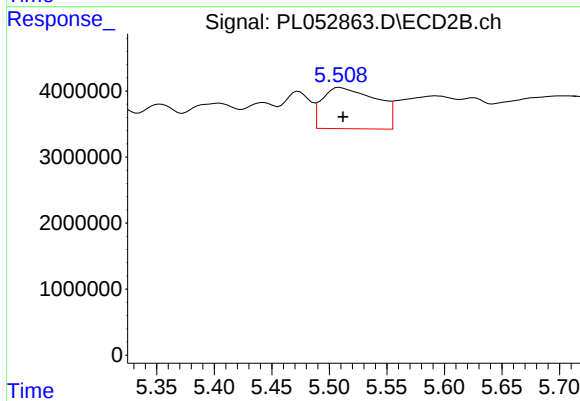
#23 Chlordane-1

R.T.: 5.045 min  
Delta R.T.: 0.001 min  
Response: 6123185  
Conc: 60.37 ng/ml



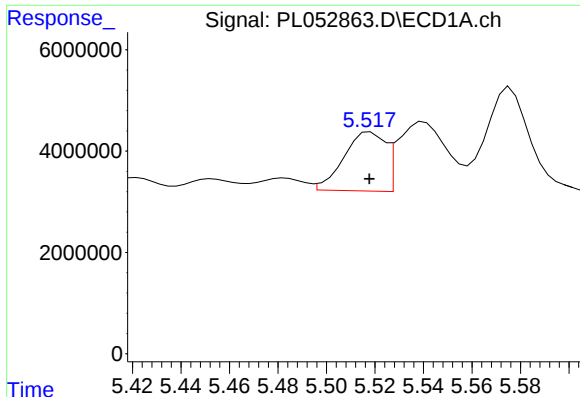
#24 Chlordane-2

R.T.: 4.944 min  
Delta R.T.: 0.002 min  
Response: 14965128  
Conc: 37.67 ng/ml



#24 Chlordane-2

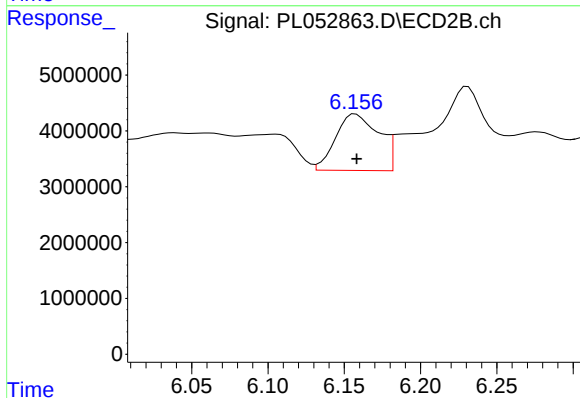
R.T.: 5.509 min  
Delta R.T.: -0.003 min  
Response: 20427119  
Conc: 182.51 ng/ml



#25 Chlordane-3

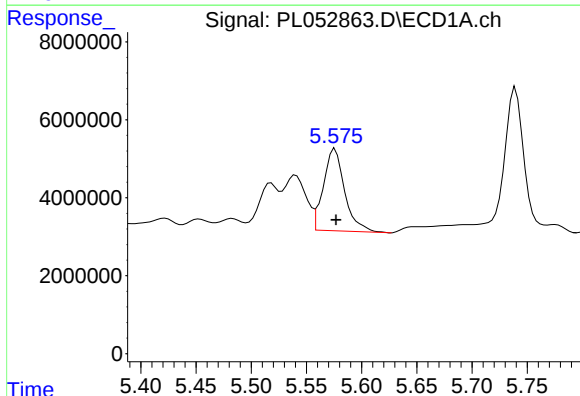
R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 13874566  
Conc: 11.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-092619



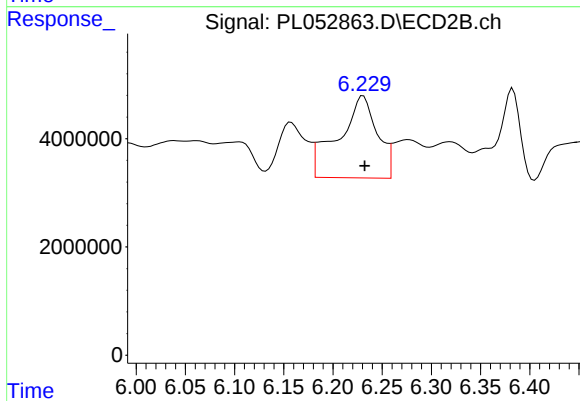
#25 Chlordane-3

R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 19916505  
Conc: 45.73 ng/ml



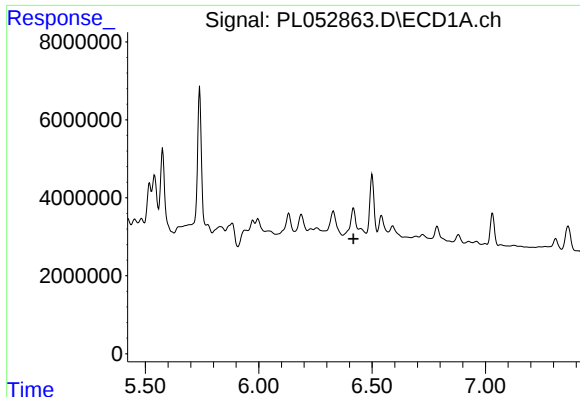
#26 Chlordane-4

R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 28217018  
Conc: 29.56 ng/ml



#26 Chlordane-4

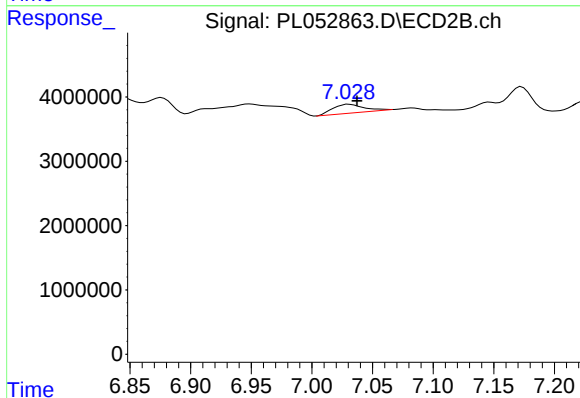
R.T.: 6.231 min  
Delta R.T.: -0.001 min  
Response: 41760169  
Conc: 78.64 ng/ml



#27 Chlordane-5

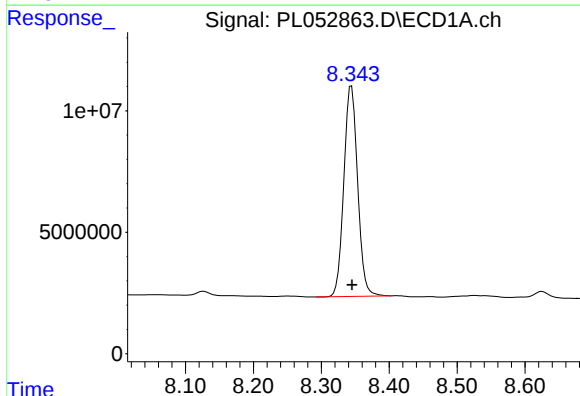
R.T.: 0.000 min  
Exp R.T.: 6.418 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SU-04-092619



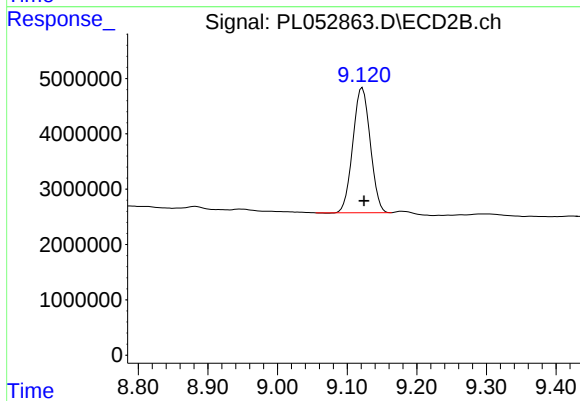
#27 Chlordane-5

R.T.: 7.031 min  
Delta R.T.: -0.006 min  
Response: 2458520  
Conc: 27.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.344 min  
Delta R.T.: 0.000 min  
Response: 122293905  
Conc: 12.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: -0.002 min  
Response: 39285341  
Conc: 13.39 ng/ml