

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102023\  
 Data File : PL086062.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Oct 2023 16:07  
 Operator : AR\AJ  
 Sample : 04957-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 20 22:36:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 2023  
 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... | 3.356  | 2.623  | 49759852 | 15810393 | 16.731 | 16.926   |
| 28)                         | SA Decachlor... | 8.858  | 7.774  | 37901495 | 18084957 | 17.402 | 19.594   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.147f | 0        | 132214   | N.D.   | 0.105 #  |
| 3)                          | MA gamma-BHC... | 4.147  | 0.000  | 309143   | 0        | 0.075  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.735  | 3.800  | 2169836  | 397982   | 0.561  | 0.342 #  |
| 5)                          | MB Aldrin       | 5.100f | 0.000  | 1509775  | 0        | 0.389  | N.D. #   |
| 7)                          | B delta-BHC     | 4.593  | 3.999f | 10209454 | -18161   | 2.663  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.529f | 4.565  | 3534205  | -2007    | 1.024  | N.D. #   |
| 9)                          | A Endosulfan I  | 5.867f | 0.000  | 5934636  | 0        | 1.835  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.757  | 4.844f | 4761394  | 496361   | 1.392  | 0.501 #  |
| 11)                         | B alpha-Chl...  | 5.831  | 4.886  | 2711842  | 1678838  | 0.793  | 1.539 #  |
| 12)                         | B 4,4'-DDE      | 6.009  | 5.063f | 4620008  | 30088    | 1.652  | 0.037 #  |
| 13)                         | MA Dieldrin     | 6.158  | 5.198  | 3997237  | 1008680  | 1.216  | 1.040    |
| 14)                         | MA Endrin       | 6.402  | 5.480  | -29925   | 552941   | N.D.   | 0.615    |
| 15)                         | B Endosulfa...  | 6.606  | 5.750f | 12593091 | 1641143  | 4.570  | 1.726 #  |
| 16)                         | A 4,4'-DDD      | 6.543  | 5.637  | 968924   | 66222    | 0.481  | 0.095 #  |
| 17)                         | MA 4,4'-DDT     | 6.864  | 5.884  | 595228   | 16008    | 0.253  | 0.020 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.955  | 0        | 2453277  | N.D.   | 3.290 #  |
| 19)                         | B Endosulfa...  | 6.961f | 0.000  | 557312   | 0        | 0.222  | N.D. #   |
| 20)                         | A Methoxychlor  | 0.000  | 6.464  | 0        | 43669    | N.D.   | 0.083 #  |
| 21)                         | B Endrin ke...  | 7.435f | 0.000  | 13305115 | 0        | 4.619  | N.D. #   |
| 23)                         | Chlordane-1     | 4.510  | 3.612  | 4286757  | 405592   | 35.659 | 12.442 # |
| 24)                         | Chlordane-2     | 0.000  | 4.179  | 0        | 246530   | N.D.   | 6.335 #  |
| 25)                         | Chlordane-3     | 5.757  | 4.844f | 4761394  | 496361   | 9.332  | 4.912 #  |
| 26)                         | Chlordane-4     | 5.831  | 4.886  | 2711842  | 1678838  | 4.274  | 14.500 # |
| 27)                         | Chlordane-5     | 6.665f | 5.560  | 728284   | 161513   | 7.099  | 5.795    |
| -----                       |                 |        |        |          |          |        |          |

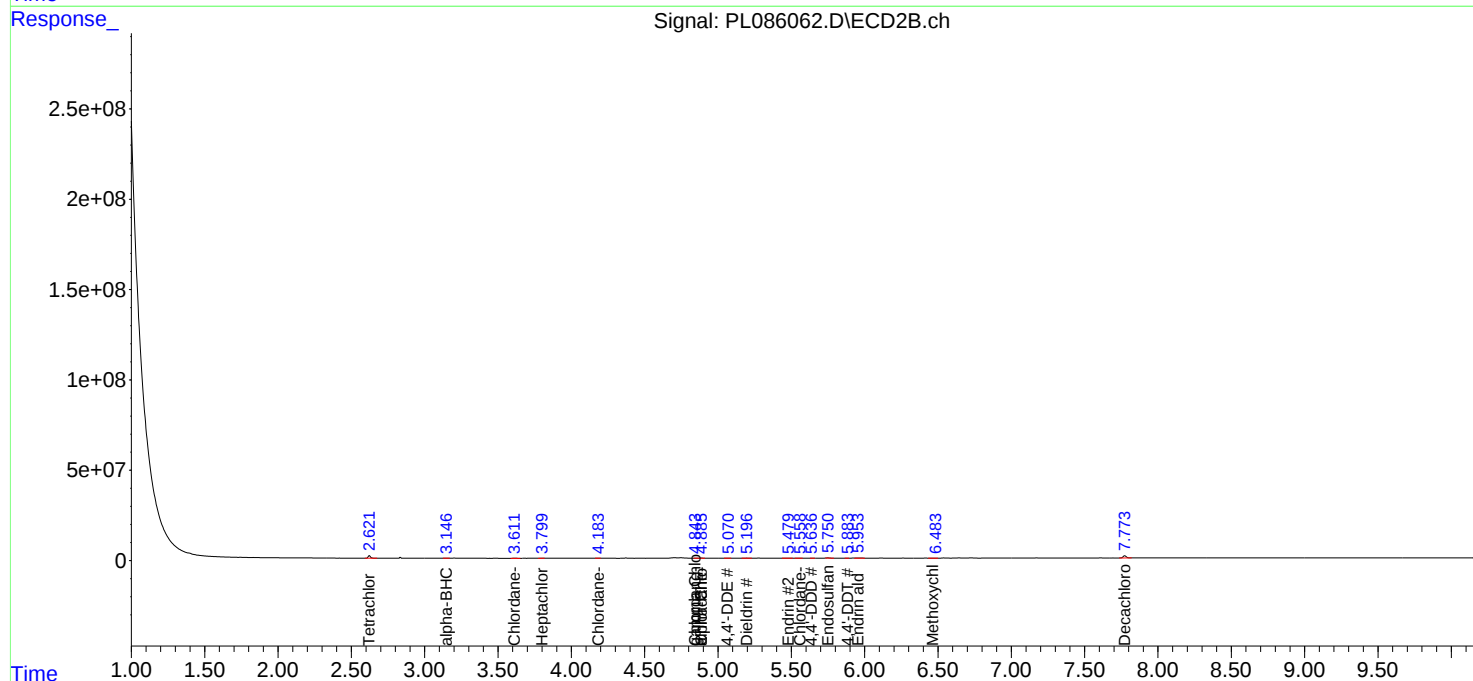
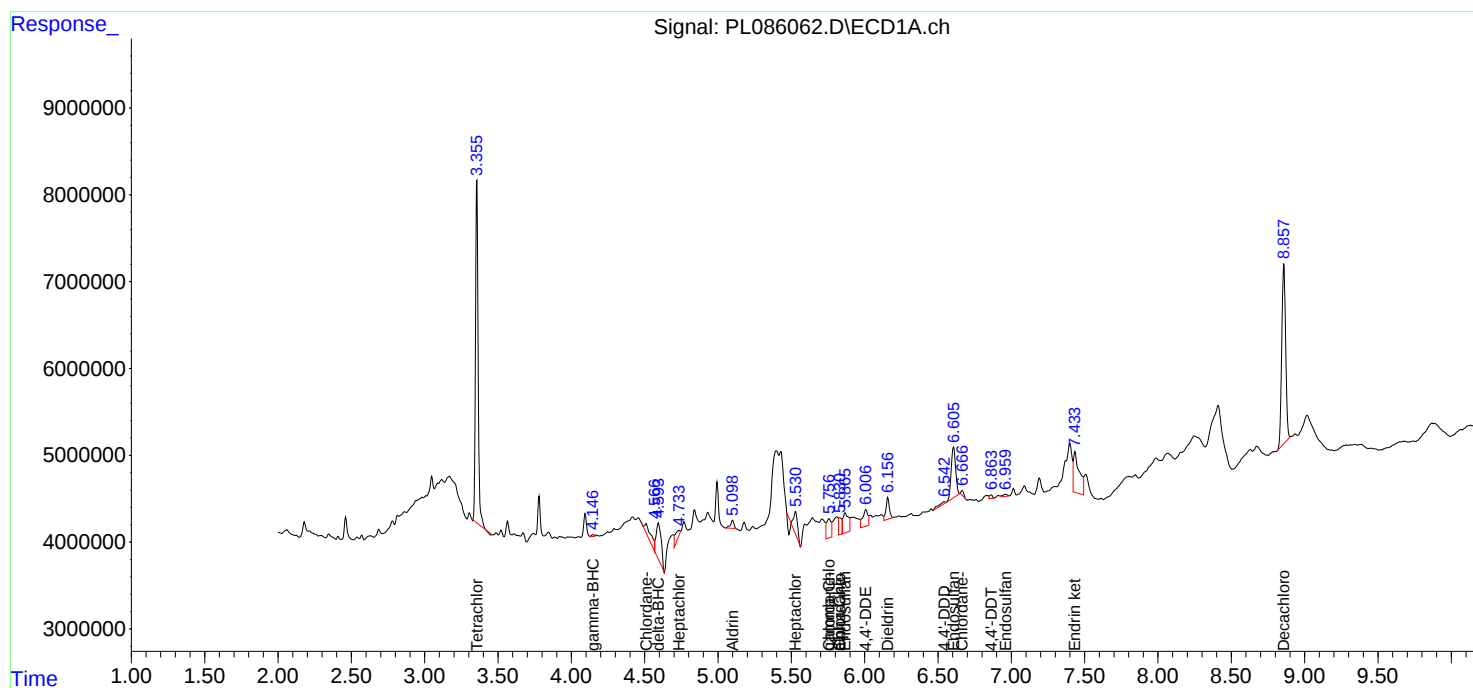
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

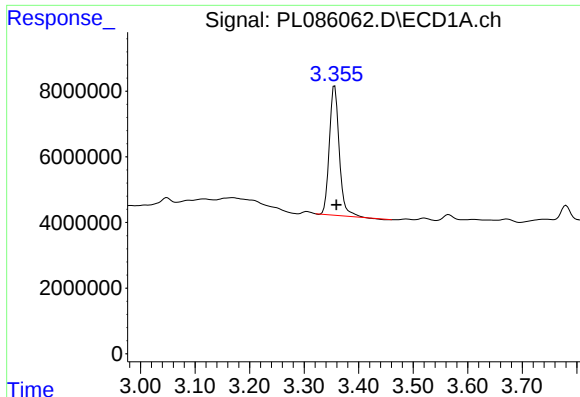
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102023\  
Data File : PL086062.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Oct 2023 16:07  
Operator : AR\AJ  
Sample : 04957-02  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 20 22:36:42 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 04 05:29:39 2023  
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

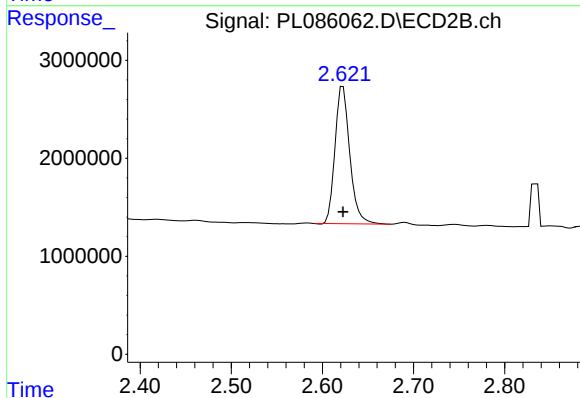




#1 Tetrachloro-m-xylene

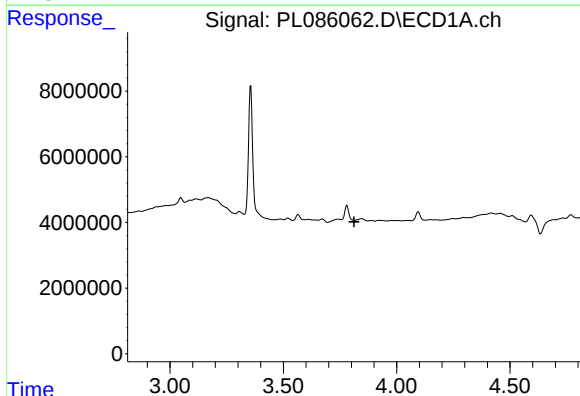
R.T.: 3.356 min  
Delta R.T.: -0.003 min  
Response: 49759852  
Conc: 16.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



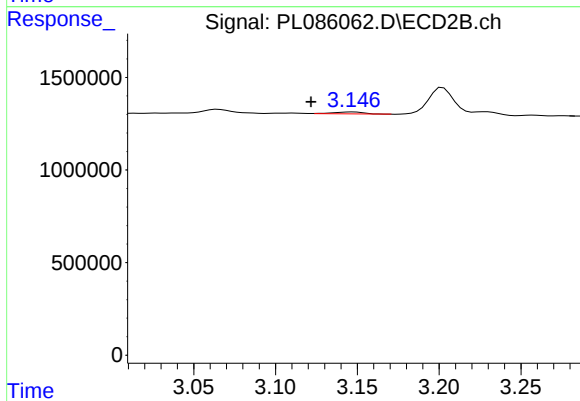
#1 Tetrachloro-m-xylene

R.T.: 2.623 min  
Delta R.T.: 0.000 min  
Response: 15810393  
Conc: 16.93 ng/ml



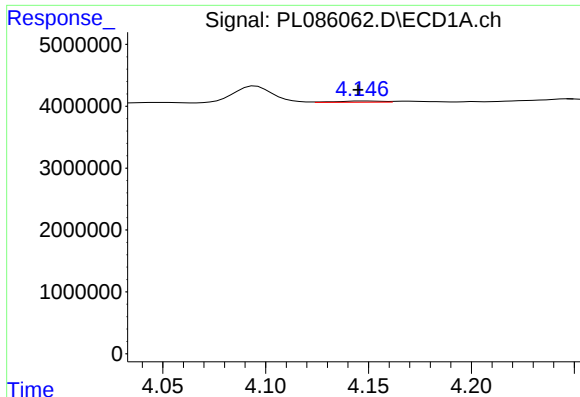
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.813 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

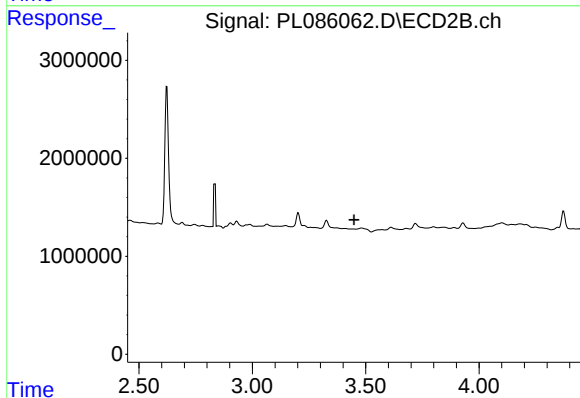
R.T.: 3.147 min  
Delta R.T.: 0.026 min  
Response: 132214  
Conc: 0.11 ng/ml



#3 gamma-BHC (Lindane)

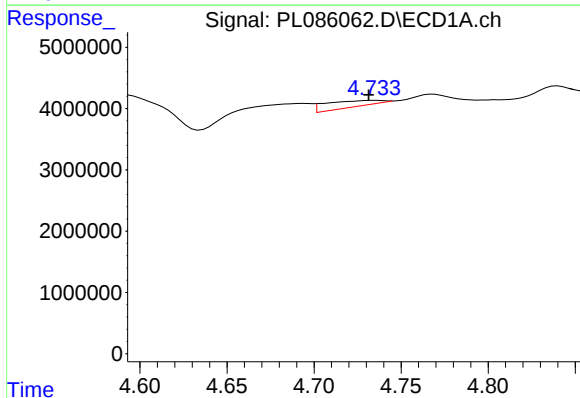
R.T.: 4.147 min  
Delta R.T.: 0.002 min  
Response: 309143  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



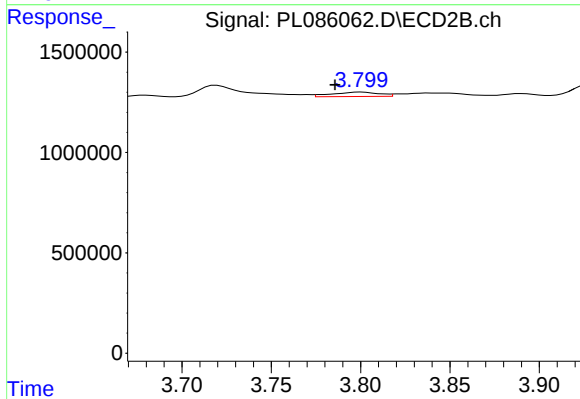
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.449 min  
Response: 0  
Conc: N.D.



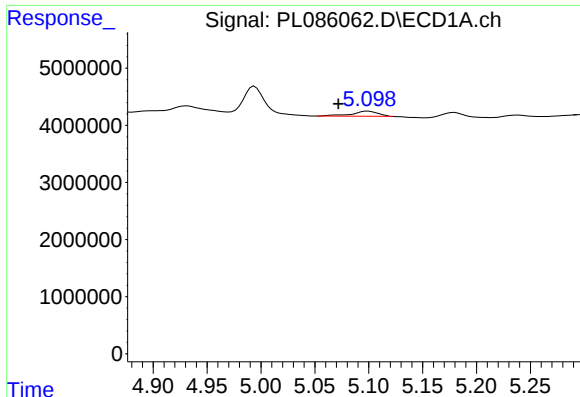
#4 Heptachlor

R.T.: 4.735 min  
Delta R.T.: 0.004 min  
Response: 2169836  
Conc: 0.56 ng/ml



#4 Heptachlor

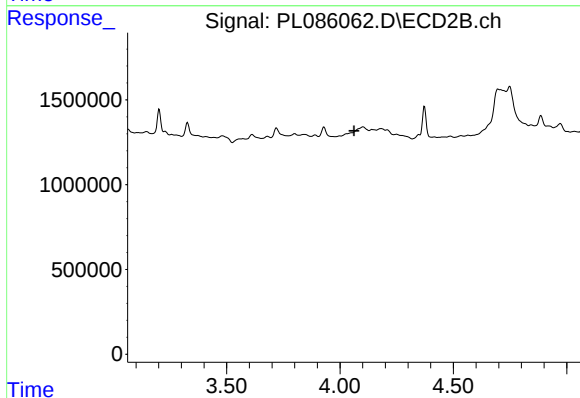
R.T.: 3.800 min  
Delta R.T.: 0.015 min  
Response: 397982  
Conc: 0.34 ng/ml



#5 Aldrin

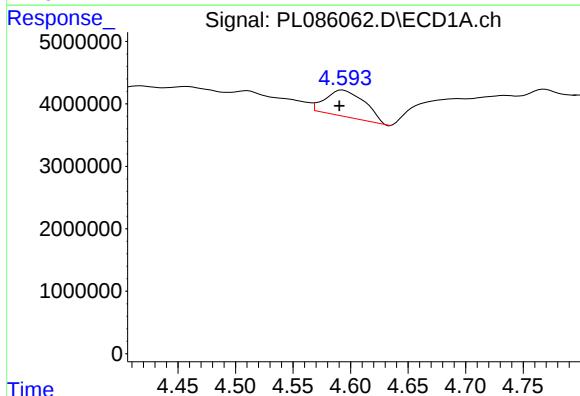
R.T.: 5.100 min  
Delta R.T.: 0.028 min  
Response: 1509775  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



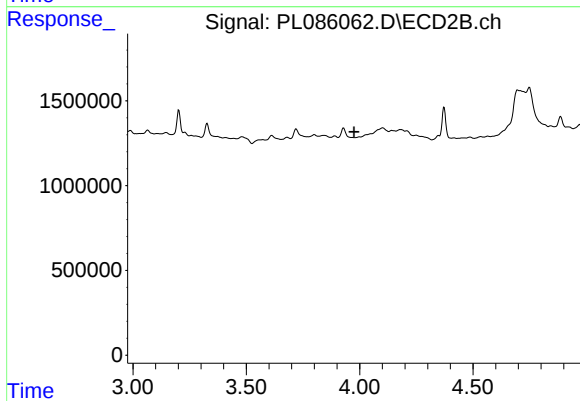
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.063 min  
Response: 0  
Conc: N.D.



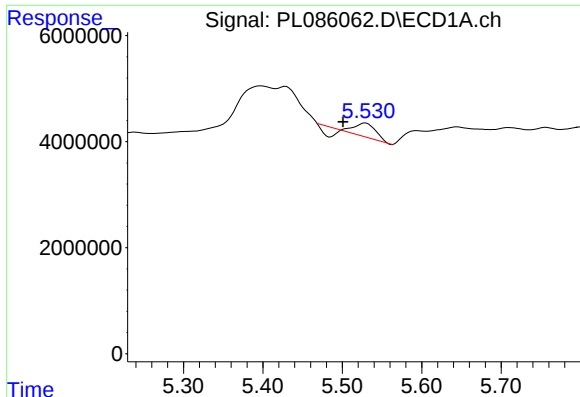
#7 delta-BHC

R.T.: 4.593 min  
Delta R.T.: 0.003 min  
Response: 10209454  
Conc: 2.66 ng/ml



#7 delta-BHC

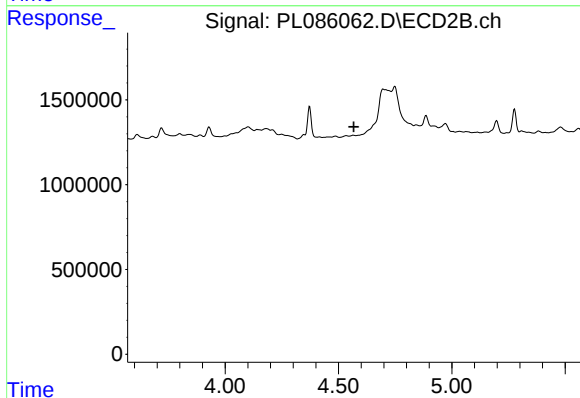
R.T.: 3.999 min  
Delta R.T.: 0.023 min  
Response: -18161  
Conc: N.D.



#8 Heptachlor epoxide

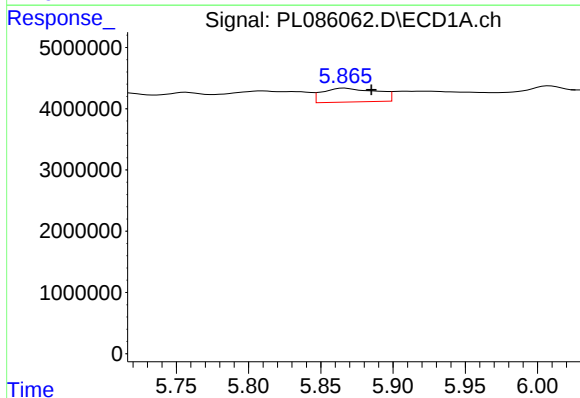
R.T.: 5.529 min  
Delta R.T.: 0.028 min  
Response: 3534205  
Conc: 1.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



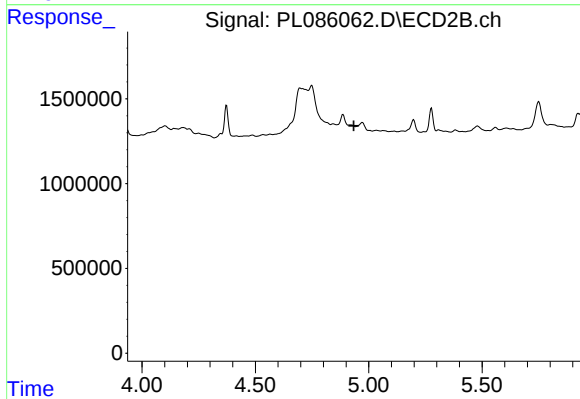
#8 Heptachlor epoxide

R.T.: 4.565 min  
Delta R.T.: -0.002 min  
Response: -2007  
Conc: N.D.



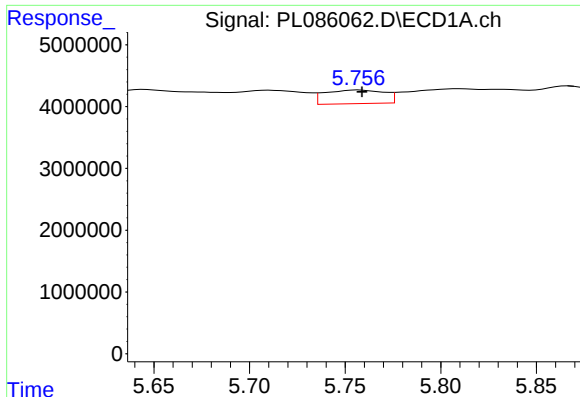
#9 Endosulfan I

R.T.: 5.867 min  
Delta R.T.: -0.018 min  
Response: 5934636  
Conc: 1.84 ng/ml



#9 Endosulfan I

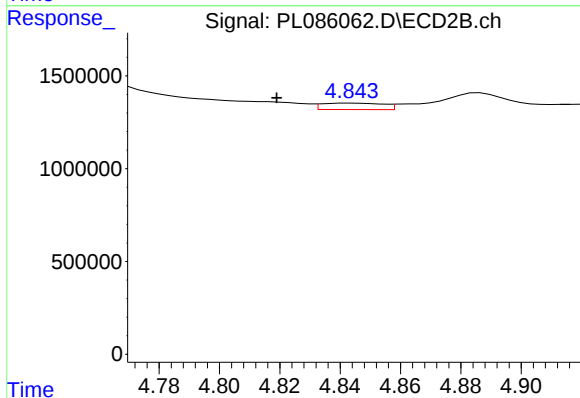
R.T.: 0.000 min  
Exp R.T.: 4.935 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

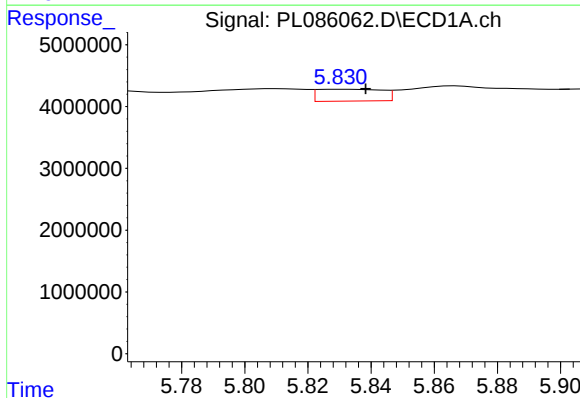
R.T.: 5.757 min  
Delta R.T.: -0.002 min  
Response: 4761394  
Conc: 1.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



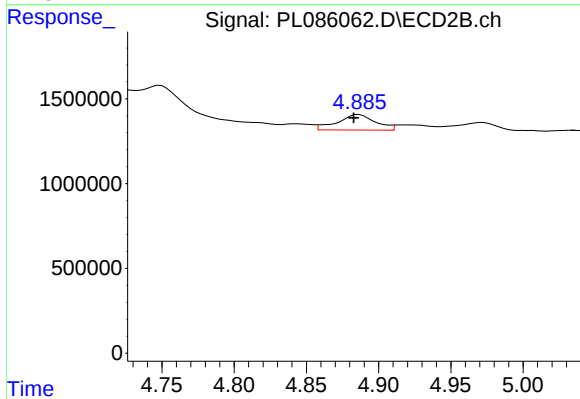
#10 gamma-Chlordane

R.T.: 4.844 min  
Delta R.T.: 0.025 min  
Response: 496361  
Conc: 0.50 ng/ml



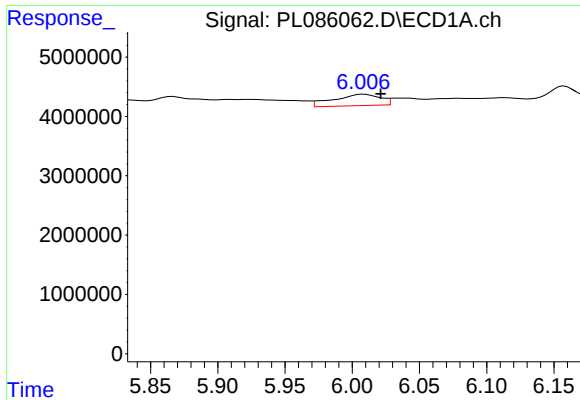
#11 alpha-Chlordane

R.T.: 5.831 min  
Delta R.T.: -0.007 min  
Response: 2711842  
Conc: 0.79 ng/ml



#11 alpha-Chlordane

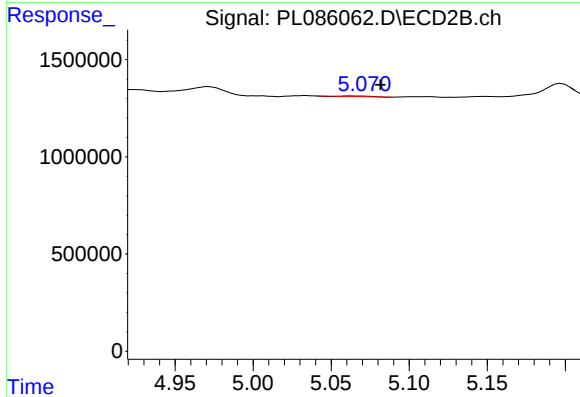
R.T.: 4.886 min  
Delta R.T.: 0.004 min  
Response: 1678838  
Conc: 1.54 ng/ml



#12 4,4'-DDE

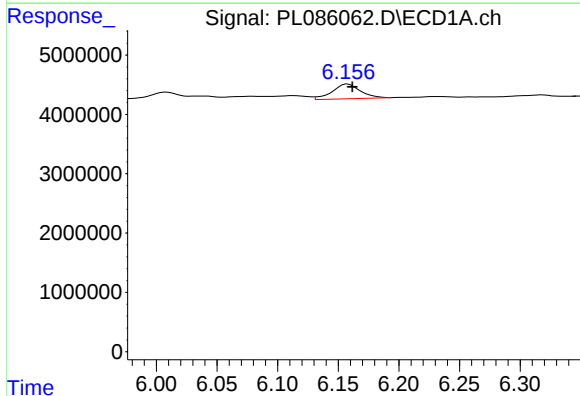
R.T.: 6.009 min  
Delta R.T.: -0.013 min  
Response: 462008  
Conc: 1.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



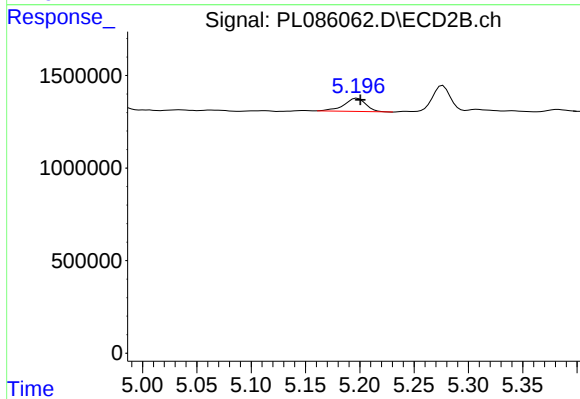
#12 4,4'-DDE

R.T.: 5.063 min  
Delta R.T.: -0.018 min  
Response: 30088  
Conc: 0.04 ng/ml



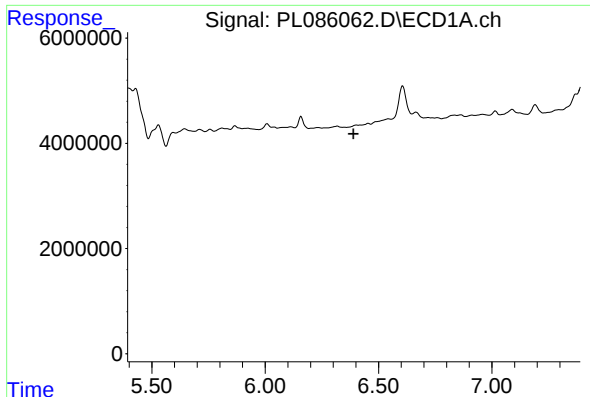
#13 Dieldrin

R.T.: 6.158 min  
Delta R.T.: -0.004 min  
Response: 3997237  
Conc: 1.22 ng/ml



#13 Dieldrin

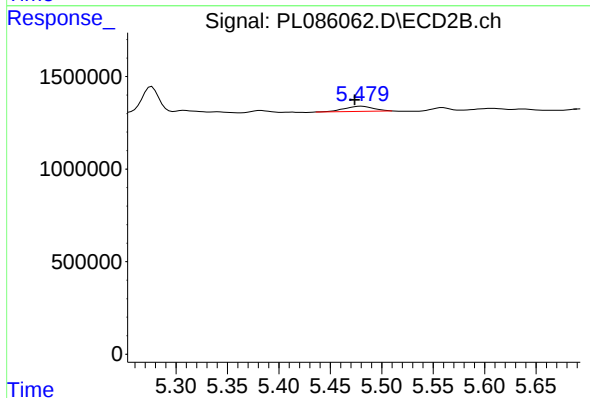
R.T.: 5.198 min  
Delta R.T.: -0.003 min  
Response: 1008680  
Conc: 1.04 ng/ml



#14 Endrin

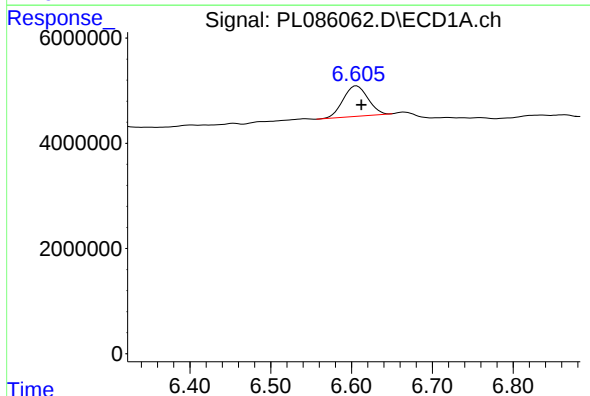
R.T.: 6.402 min  
Delta R.T.: 0.012 min  
Response: -29925  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



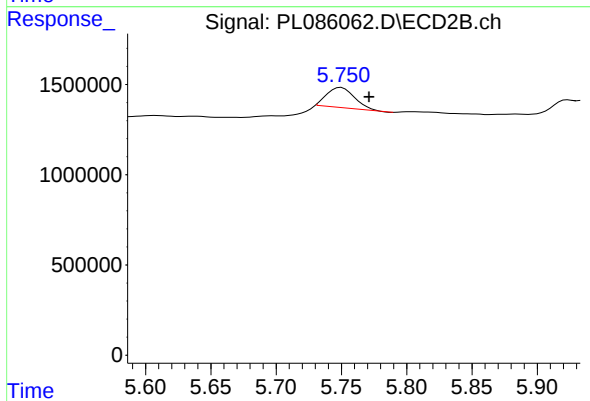
#14 Endrin

R.T.: 5.480 min  
Delta R.T.: 0.006 min  
Response: 552941  
Conc: 0.62 ng/ml



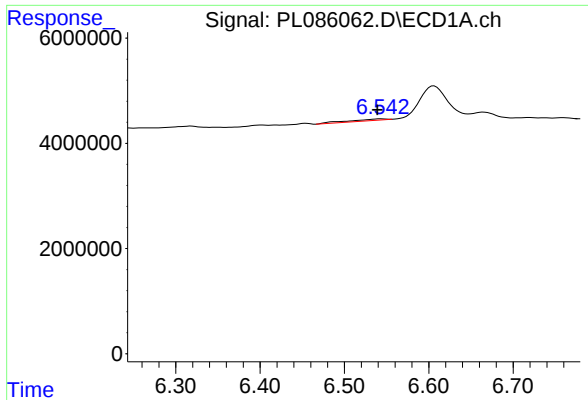
#15 Endosulfan II

R.T.: 6.606 min  
Delta R.T.: -0.006 min  
Response: 12593091  
Conc: 4.57 ng/ml



#15 Endosulfan II

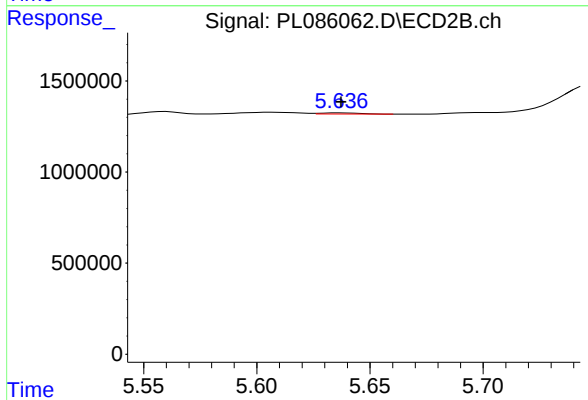
R.T.: 5.750 min  
Delta R.T.: -0.021 min  
Response: 1641143  
Conc: 1.73 ng/ml



#16 4,4'-DDD

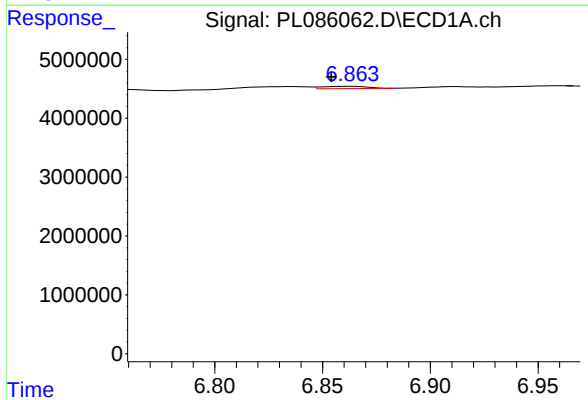
R.T.: 6.543 min  
Delta R.T.: 0.004 min  
Response: 968924  
Conc: 0.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



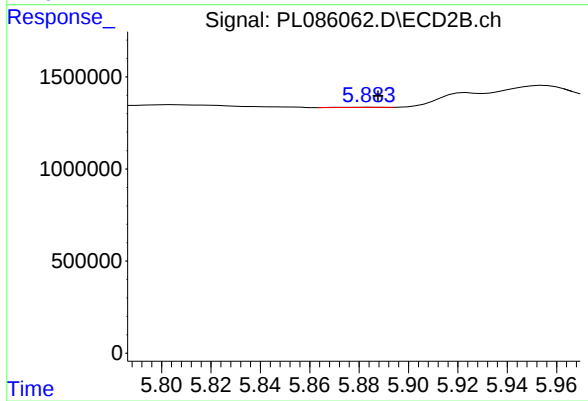
#16 4,4'-DDD

R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 66222  
Conc: 0.10 ng/ml



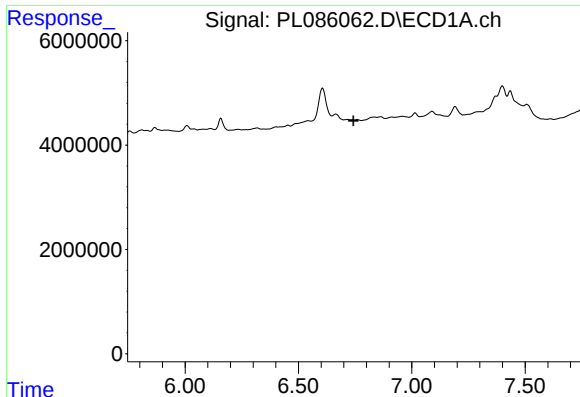
#17 4,4'-DDT

R.T.: 6.864 min  
Delta R.T.: 0.010 min  
Response: 595228  
Conc: 0.25 ng/ml



#17 4,4'-DDT

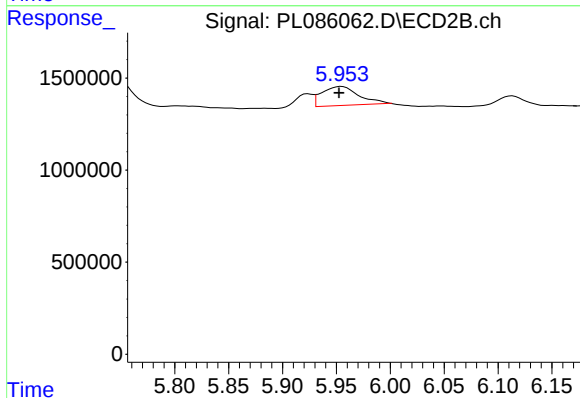
R.T.: 5.884 min  
Delta R.T.: -0.003 min  
Response: 16008  
Conc: 0.02 ng/ml



#18 Endrin aldehyde

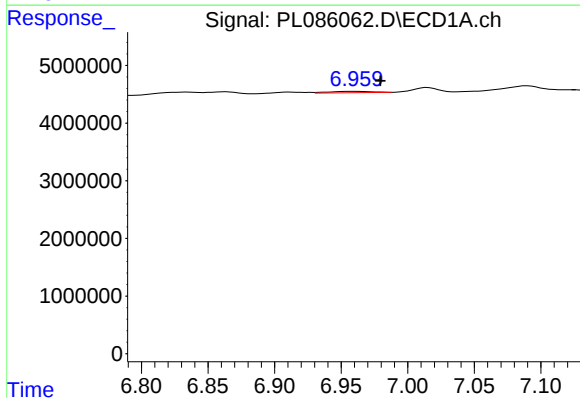
R.T.: 0.000 min  
Exp R.T.: 6.743 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



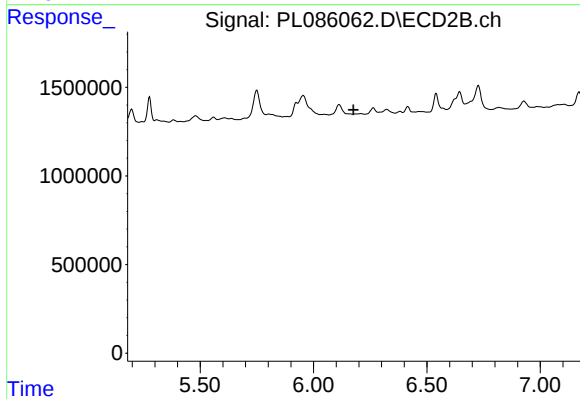
#18 Endrin aldehyde

R.T.: 5.955 min  
Delta R.T.: 0.002 min  
Response: 2453277  
Conc: 3.29 ng/ml



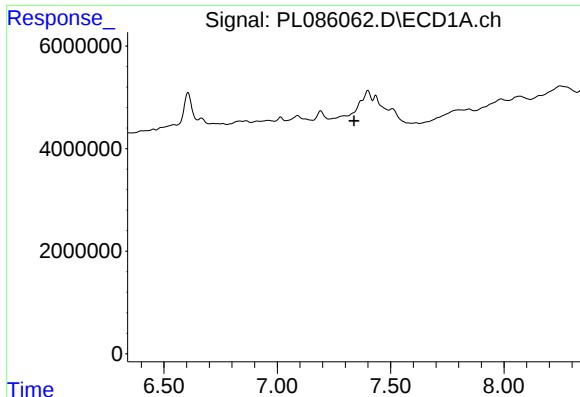
#19 Endosulfan Sulfate

R.T.: 6.961 min  
Delta R.T.: -0.019 min  
Response: 557312  
Conc: 0.22 ng/ml



#19 Endosulfan Sulfate

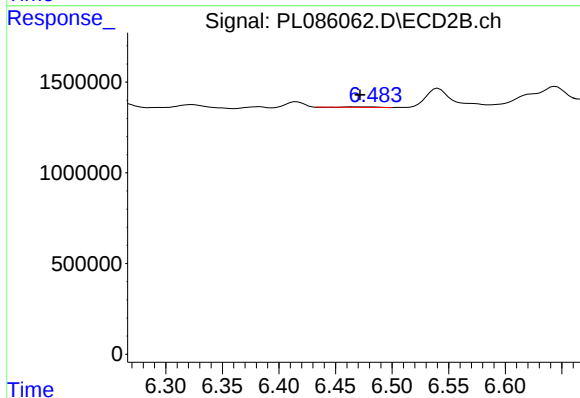
R.T.: 0.000 min  
Exp R.T.: 6.177 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

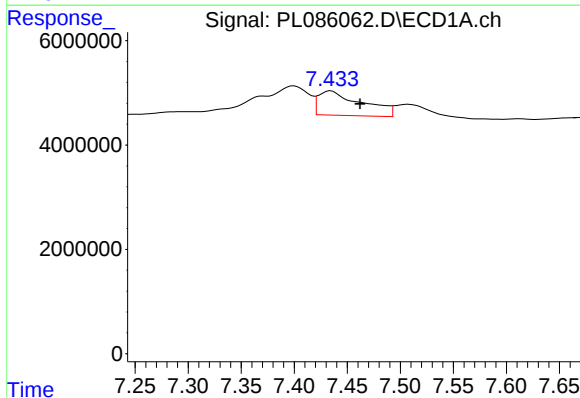
R.T.: 0.000 min  
Exp R.T.: 7.339 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



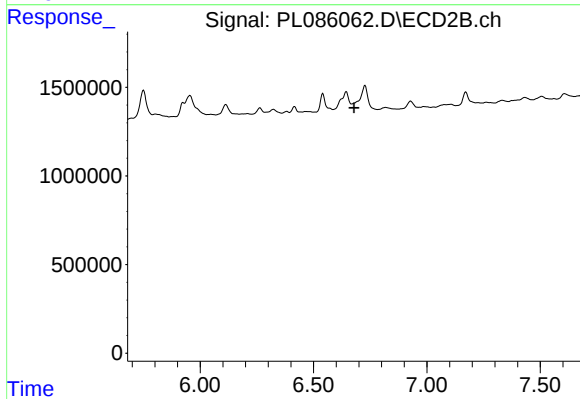
#20 Methoxychlor

R.T.: 6.464 min  
Delta R.T.: -0.007 min  
Response: 43669  
Conc: 0.08 ng/ml



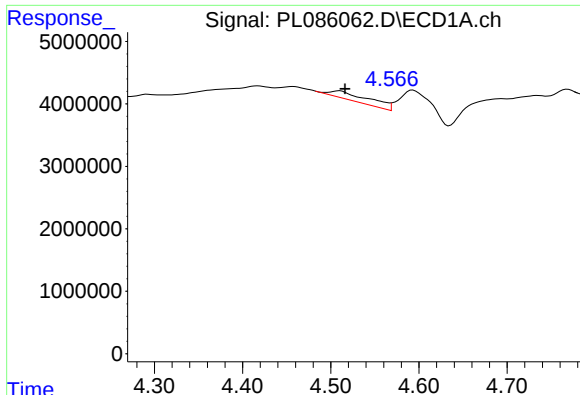
#21 Endrin ketone

R.T.: 7.435 min  
Delta R.T.: -0.027 min  
Response: 13305115  
Conc: 4.62 ng/ml



#21 Endrin ketone

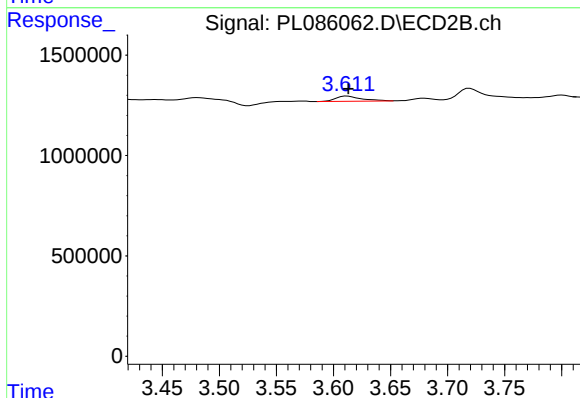
R.T.: 0.000 min  
Exp R.T.: 6.678 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

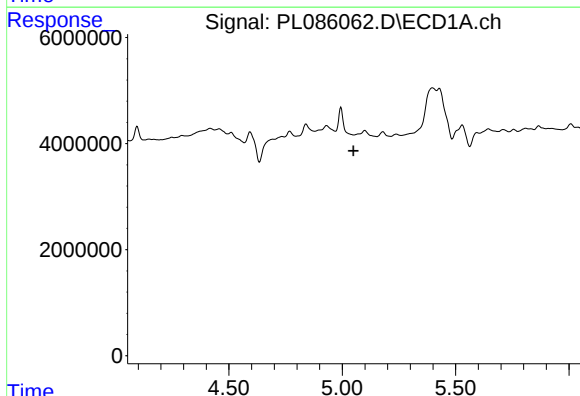
R.T.: 4.510 min  
Delta R.T.: -0.006 min  
Response: 4286757  
Conc: 35.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



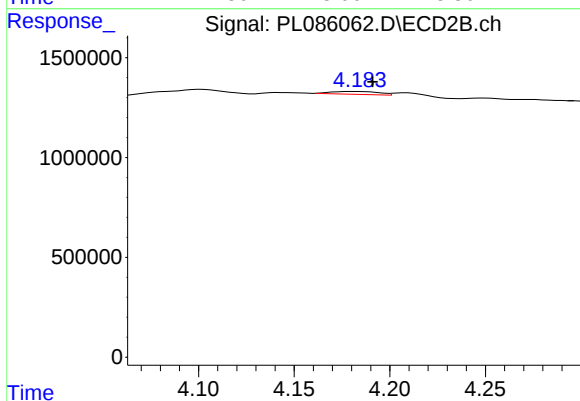
#23 Chlordane-1

R.T.: 3.612 min  
Delta R.T.: -0.001 min  
Response: 405592  
Conc: 12.44 ng/ml



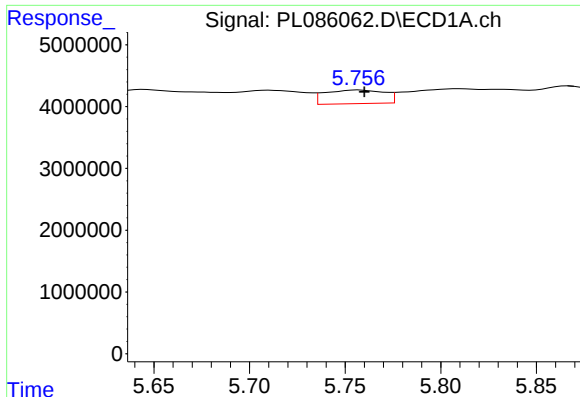
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.050 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

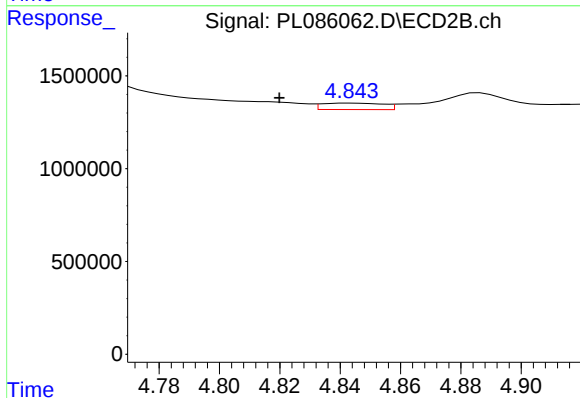
R.T.: 4.179 min  
Delta R.T.: -0.012 min  
Response: 246530  
Conc: 6.34 ng/ml



#25 Chlordane-3

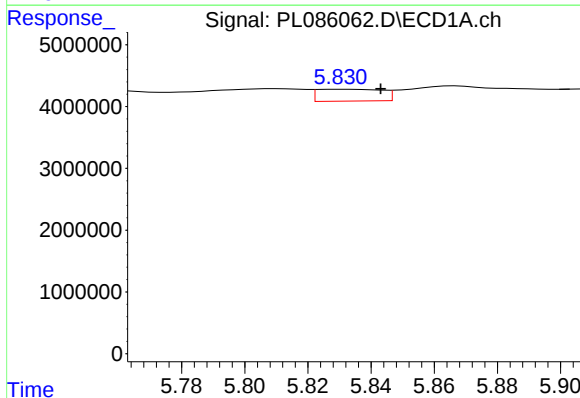
R.T.: 5.757 min  
Delta R.T.: -0.003 min  
Response: 4761394  
Conc: 9.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



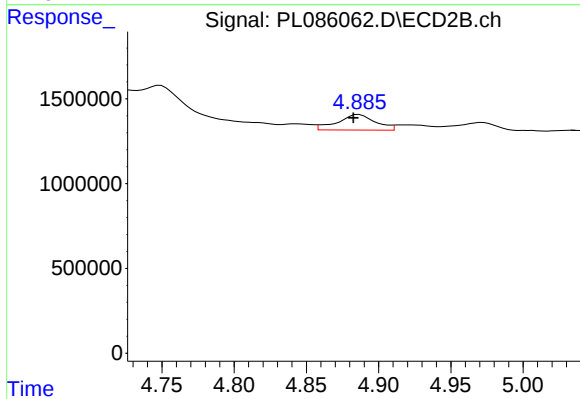
#25 Chlordane-3

R.T.: 4.844 min  
Delta R.T.: 0.024 min  
Response: 496361  
Conc: 4.91 ng/ml



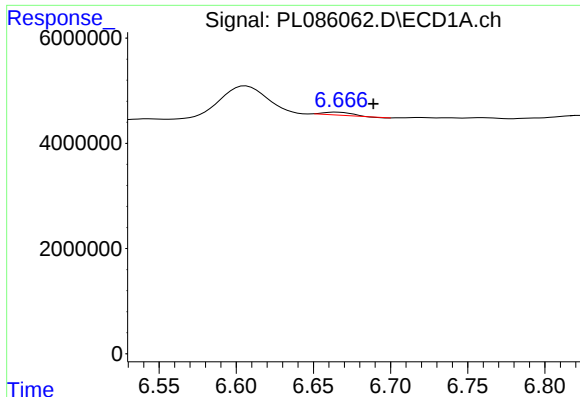
#26 Chlordane-4

R.T.: 5.831 min  
Delta R.T.: -0.012 min  
Response: 2711842  
Conc: 4.27 ng/ml



#26 Chlordane-4

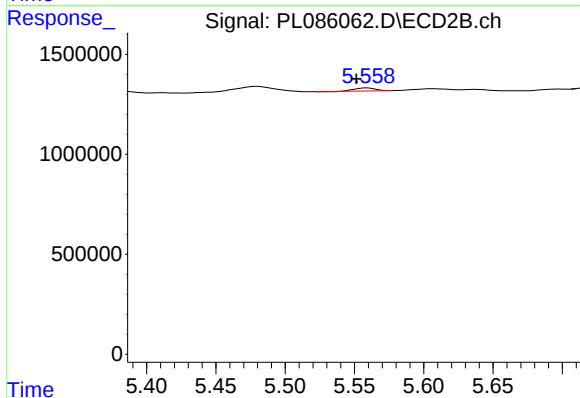
R.T.: 4.886 min  
Delta R.T.: 0.004 min  
Response: 1678838  
Conc: 14.50 ng/ml



#27 Chlordane-5

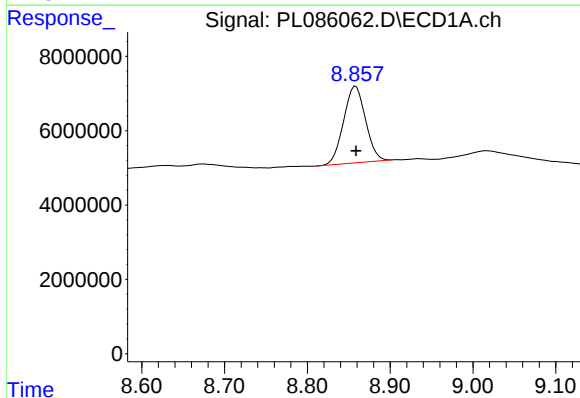
R.T.: 6.665 min  
Delta R.T.: -0.024 min  
Response: 728284  
Conc: 7.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



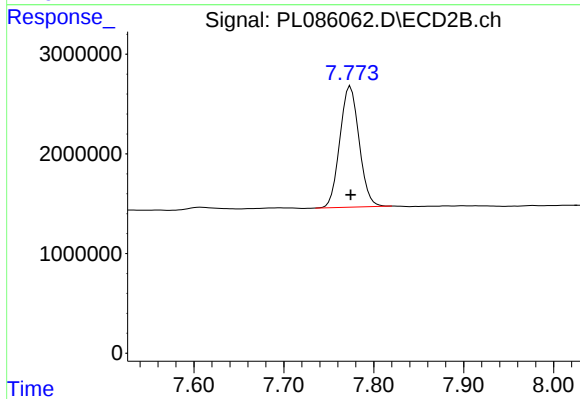
#27 Chlordane-5

R.T.: 5.560 min  
Delta R.T.: 0.008 min  
Response: 161513  
Conc: 5.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.858 min  
Delta R.T.: 0.000 min  
Response: 37901495  
Conc: 17.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.774 min  
Delta R.T.: 0.000 min  
Response: 18084957  
Conc: 19.59 ng/ml