

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040521\  
 Data File : PL065866.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Apr 2021 11:45  
 Operator : AR\AJ  
 Sample : M1897-04  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 05 14:49:26 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 31 15:57:28 2021  
 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... | 3.277  | 3.780  | 39189127 | 43631634 | 15.044 | 15.895   |
| 28)                         | SA Decachlor... | 7.909  | 8.727  | 50419538 | 48124987 | 21.770 | 21.346   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.705  | 4.196f | 1380634  | 1944868  | 0.338  | 0.479 #  |
| 3)                          | MA gamma-BHC... | 3.977  | 0.000  | 735363   | 0        | 0.199  | N.D. #   |
| 4)                          | MA Heptachlor   | 0.000  | 4.935  | 0        | 946000   | N.D.   | 0.268 #  |
| 5)                          | MB Aldrin       | 4.517f | 0.000  | 160903   | 0        | 0.047  | N.D. #   |
| 6)                          | B beta-BHC      | 0.000  | 4.630  | 0        | 3518866  | N.D.   | 2.020 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.608  | 0        | 3946729  | N.D.   | 1.271 #  |
| 9)                          | A Endosulfan I  | 5.276f | 5.950  | 364989   | 120014   | 0.127  | 0.044 #  |
| 10)                         | B gamma-Chl...  | 5.166f | 5.817f | 389980   | 1696202  | 0.124  | 0.565 #  |
| 11)                         | B alpha-Chl...  | 5.205  | 5.913  | 1059230  | 801221   | 0.340  | 0.271    |
| 12)                         | B 4,4'-DDE      | 5.369  | 6.094f | 706704   | 4406589  | 0.256  | 1.687 #  |
| 13)                         | MA Dieldrin     | 5.508f | 6.213  | 5845045  | 11218780 | 2.001  | 3.981 #  |
| 14)                         | MA Endrin       | 5.745  | 6.425  | 4684142  | 1098256  | 1.735  | 0.441 #  |
| 15)                         | B Endosulfa...  | 6.003  | 6.628f | 1966053  | 4646794  | 0.792  | 1.966 #  |
| 16)                         | A 4,4'-DDD      | 5.875  | 6.565  | 484985   | 26913130 | 0.214  | 12.769 # |
| 17)                         | MA 4,4'-DDT     | 6.101  | 0.000  | 21133372 | 0        | 10.031 | N.D. #   |
| 18)                         | B Endrin al...  | 6.193  | 6.782  | 8816492  | 1741041  | 4.660  | 0.918 #  |
| 19)                         | B Endosulfa...  | 6.383  | 0.000  | 26024083 | 0        | 10.086 | N.D. #   |
| 21)                         | B Endrin ke...  | 6.896f | 0.000  | 6355760  | 0        | 2.318  | N.D. #   |
| 22)                         | Mirex           | 7.055  | 7.894  | 137313   | 2608673  | 0.066  | 1.337 #  |
| 25)                         | Chlordane-3     | 5.166f | 5.817f | 389980   | 1696202  | 1.255  | 3.991 #  |
| 26)                         | Chlordane-4     | 5.205  | 5.913  | 1059230  | 801221   | 3.710  | 1.584 #  |
| 27)                         | Chlordane-5     | 6.003  | 6.734f | 1966053  | 237164   | 19.222 | 2.844 #  |
| -----                       |                 |        |        |          |          |        |          |

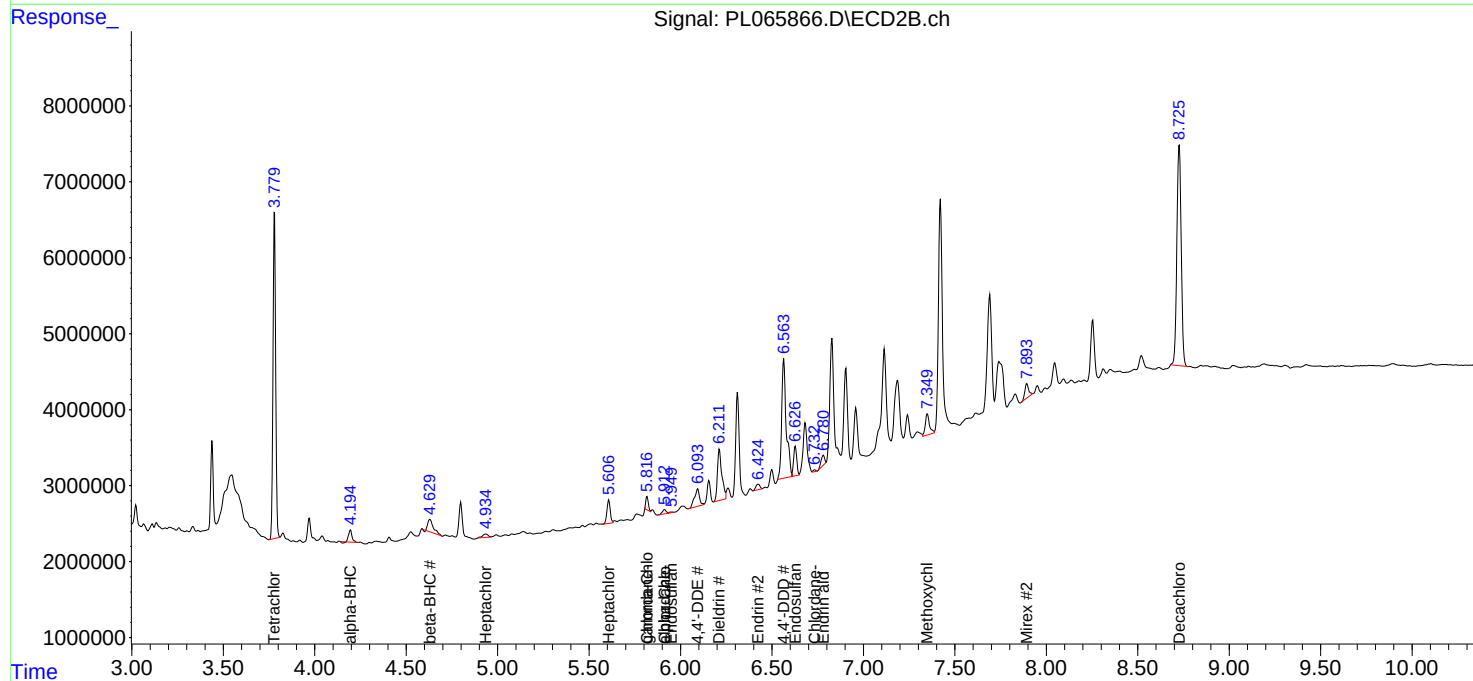
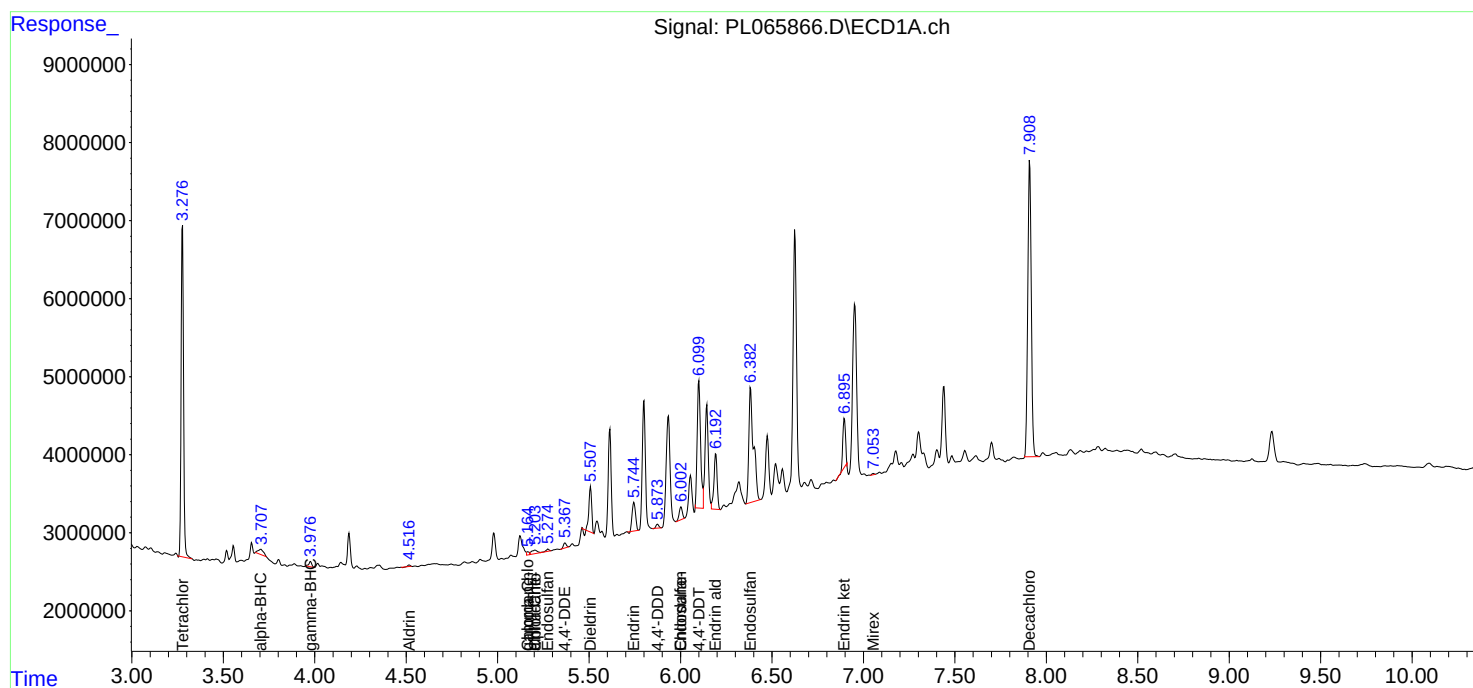
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

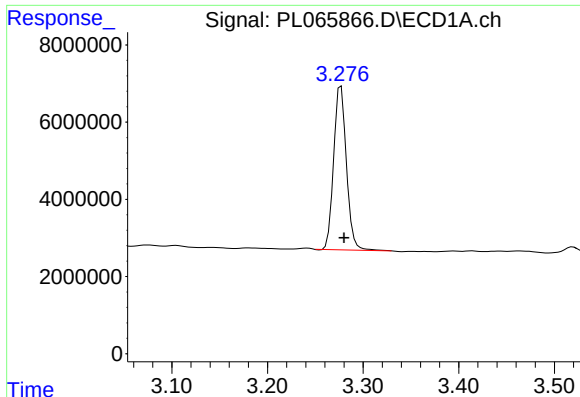
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040521\  
 Data File : PL065866.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Apr 2021 11:45  
 Operator : AR\AJ  
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Instrument :  
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Integration File signal 1: autoint1.e  
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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

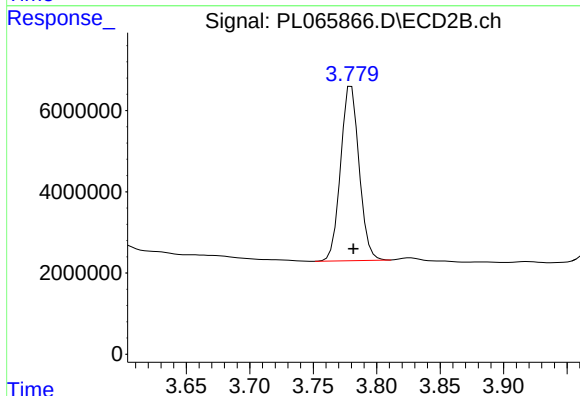




#1 Tetrachloro-m-xylene

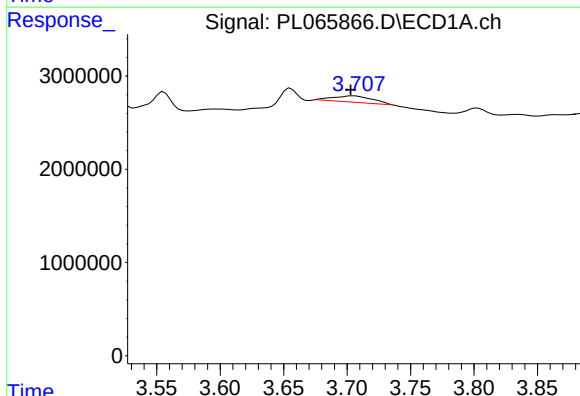
R.T.: 3.277 min  
Delta R.T.: -0.003 min  
Response: 39189127  
Conc: 15.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



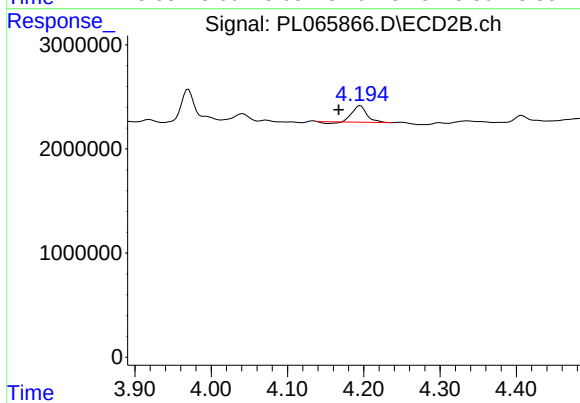
#1 Tetrachloro-m-xylene

R.T.: 3.780 min  
Delta R.T.: -0.002 min  
Response: 43631634  
Conc: 15.90 ng/ml



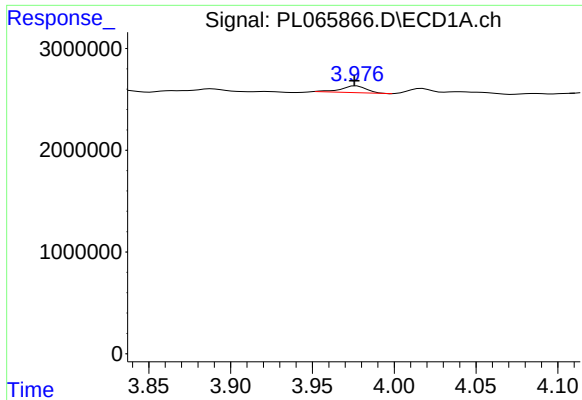
#2 alpha-BHC

R.T.: 3.705 min  
Delta R.T.: 0.003 min  
Response: 1380634  
Conc: 0.34 ng/ml



#2 alpha-BHC

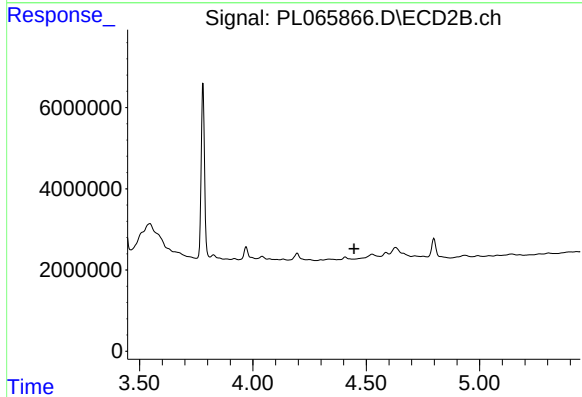
R.T.: 4.196 min  
Delta R.T.: 0.029 min  
Response: 1944868  
Conc: 0.48 ng/ml



#3 gamma-BHC (Lindane)

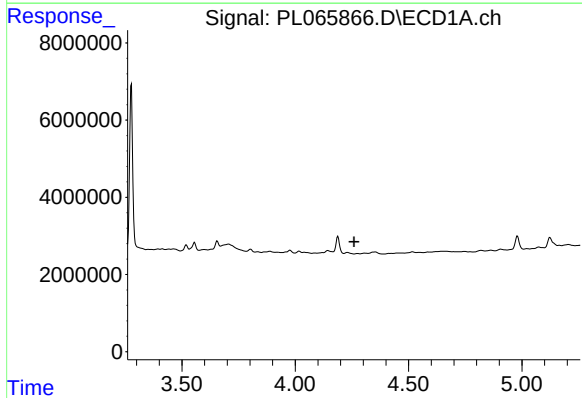
R.T.: 3.977 min  
Delta R.T.: 0.001 min  
Response: 735363  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



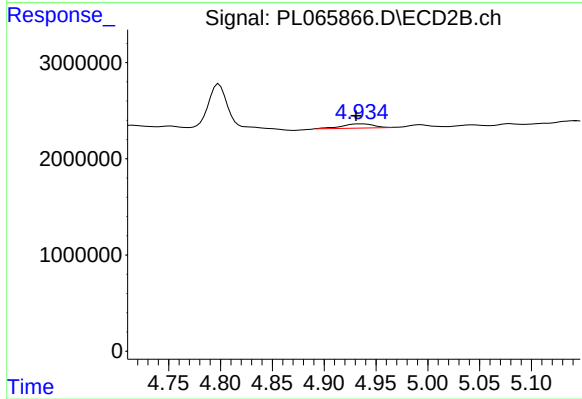
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.446 min  
Response: 0  
Conc: N.D.



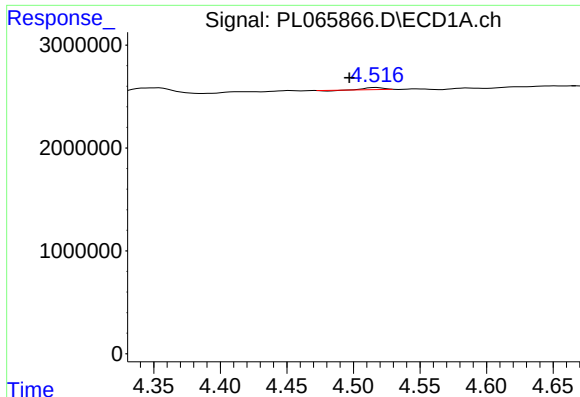
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.260 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

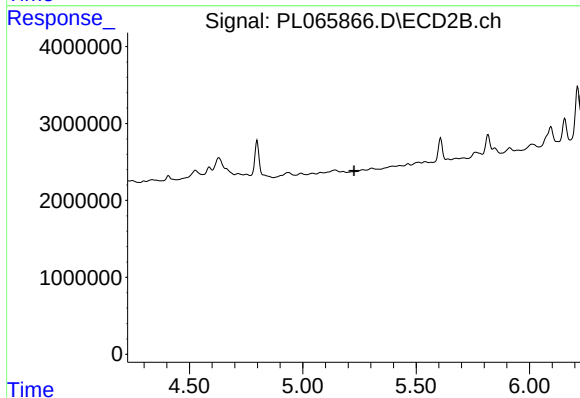
R.T.: 4.935 min  
Delta R.T.: 0.005 min  
Response: 946000  
Conc: 0.27 ng/ml



#5 Aldrin

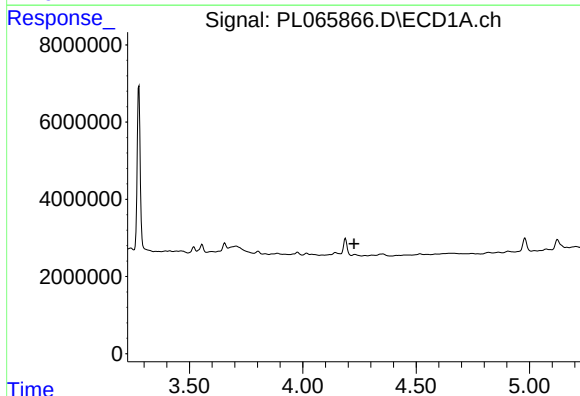
R.T.: 4.517 min  
Delta R.T.: 0.020 min  
Response: 160903  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



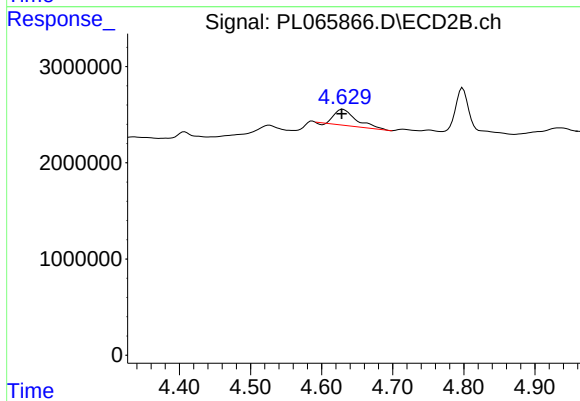
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.227 min  
Response: 0  
Conc: N.D.



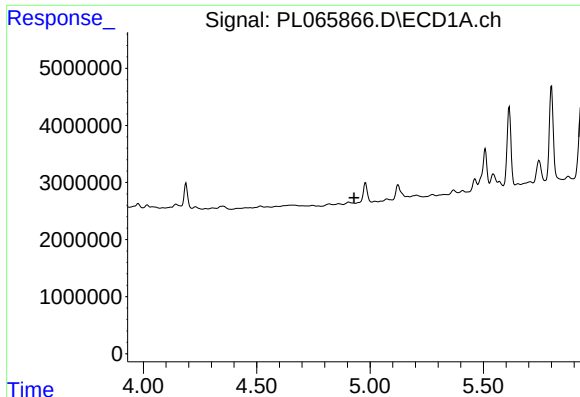
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.226 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

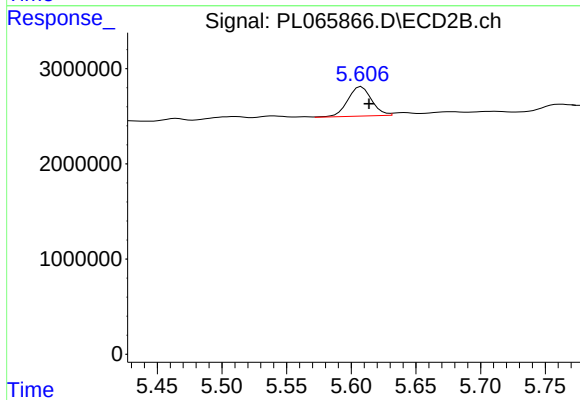
R.T.: 4.630 min  
Delta R.T.: 0.001 min  
Response: 3518866  
Conc: 2.02 ng/ml



#8 Heptachlor epoxide

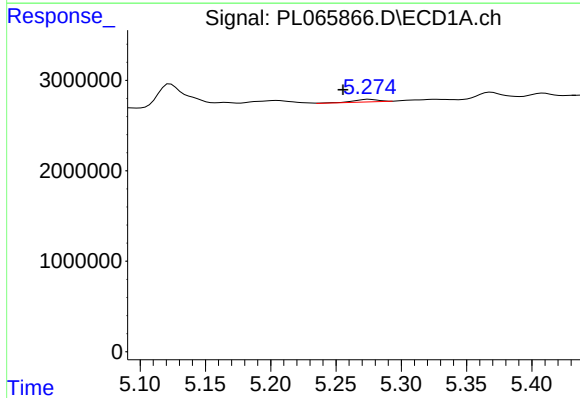
R.T.: 0.000 min  
Exp R.T.: 4.929 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



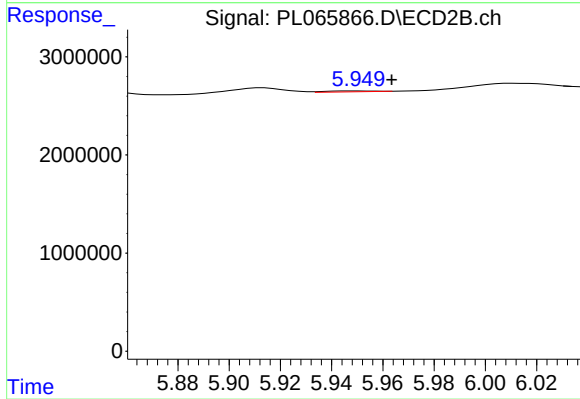
#8 Heptachlor epoxide

R.T.: 5.608 min  
Delta R.T.: -0.006 min  
Response: 3946729  
Conc: 1.27 ng/ml



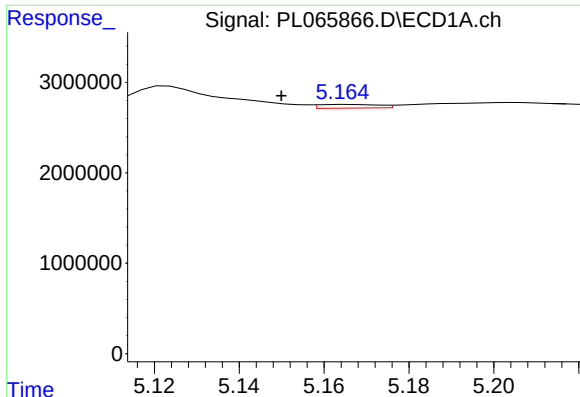
#9 Endosulfan I

R.T.: 5.276 min  
Delta R.T.: 0.020 min  
Response: 364989  
Conc: 0.13 ng/ml



#9 Endosulfan I

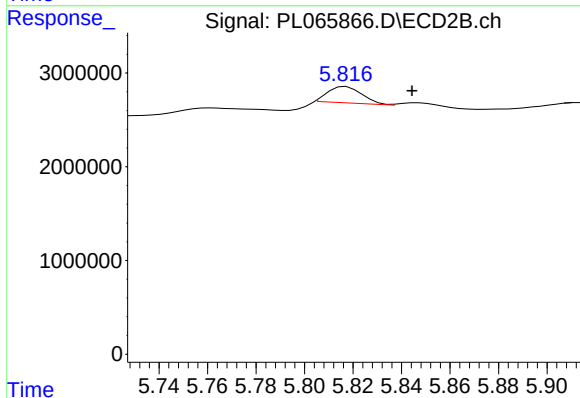
R.T.: 5.950 min  
Delta R.T.: -0.014 min  
Response: 120014  
Conc: 0.04 ng/ml



#10 gamma-Chlordane

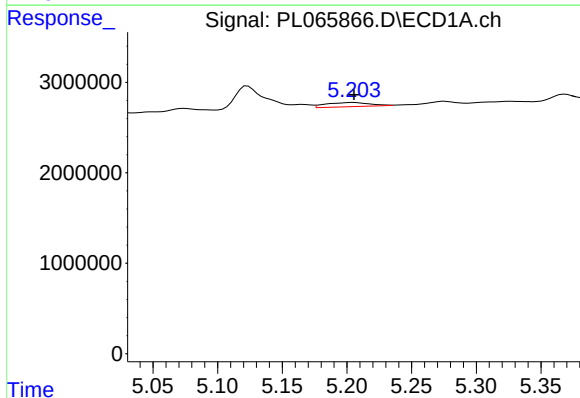
R.T.: 5.166 min  
Delta R.T.: 0.016 min  
Response: 389980  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



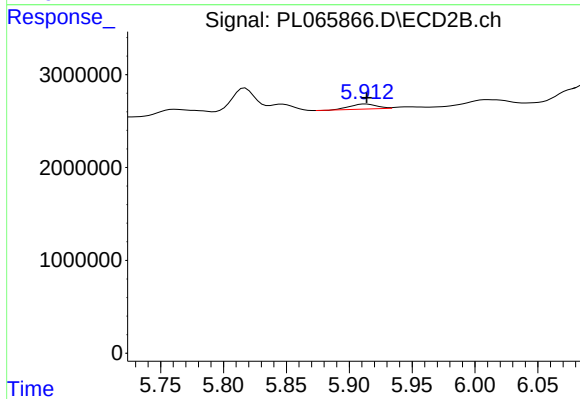
#10 gamma-Chlordane

R.T.: 5.817 min  
Delta R.T.: -0.027 min  
Response: 1696202  
Conc: 0.57 ng/ml



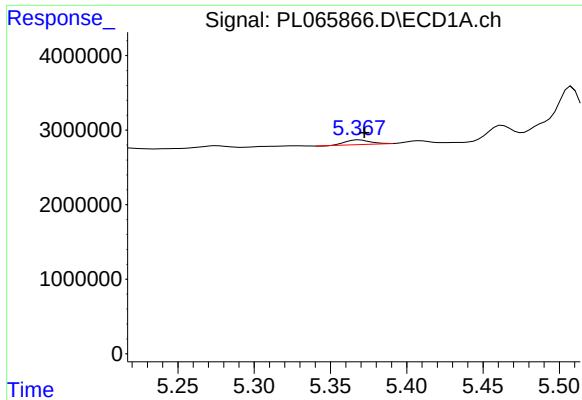
#11 alpha-Chlordane

R.T.: 5.205 min  
Delta R.T.: 0.000 min  
Response: 1059230  
Conc: 0.34 ng/ml



#11 alpha-Chlordane

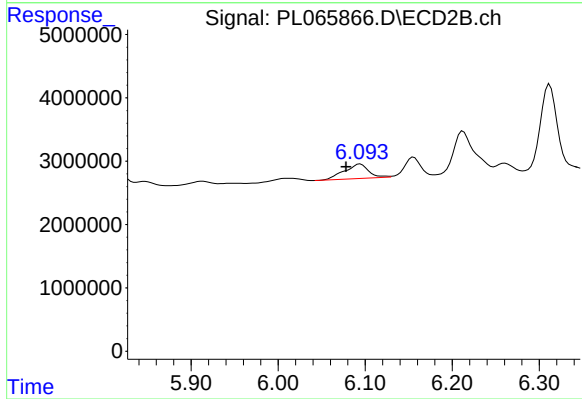
R.T.: 5.913 min  
Delta R.T.: 0.000 min  
Response: 801221  
Conc: 0.27 ng/ml



#12 4,4'-DDE

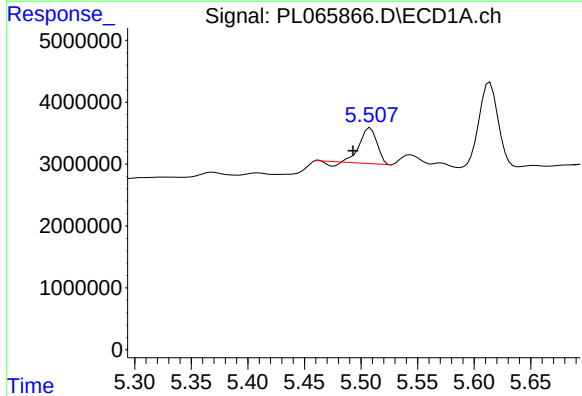
R.T.: 5.369 min  
Delta R.T.: -0.003 min  
Response: 706704  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



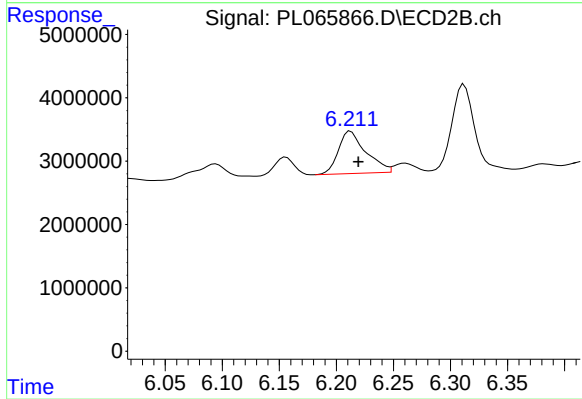
#12 4,4'-DDE

R.T.: 6.094 min  
Delta R.T.: 0.016 min  
Response: 4406589  
Conc: 1.69 ng/ml



#13 Dieldrin

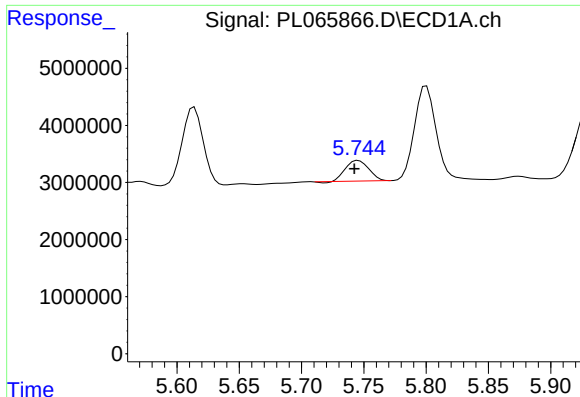
R.T.: 5.508 min  
Delta R.T.: 0.015 min  
Response: 5845045  
Conc: 2.00 ng/ml



#13 Dieldrin

R.T.: 6.213 min  
Delta R.T.: -0.007 min  
Response: 11218780  
Conc: 3.98 ng/ml

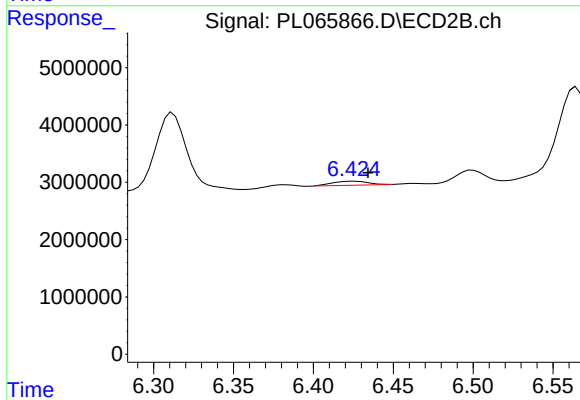




#14 Endrin

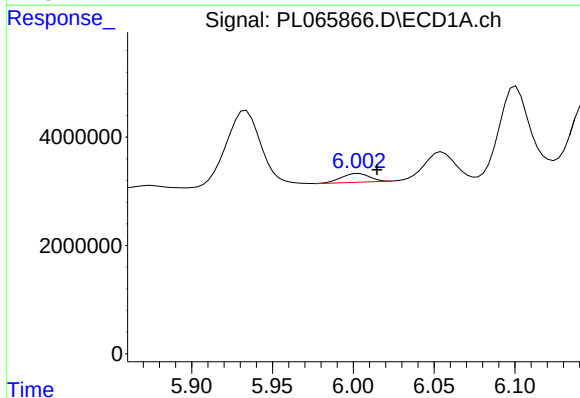
R.T.: 5.745 min  
Delta R.T.: 0.003 min  
Response: 4684142  
Conc: 1.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



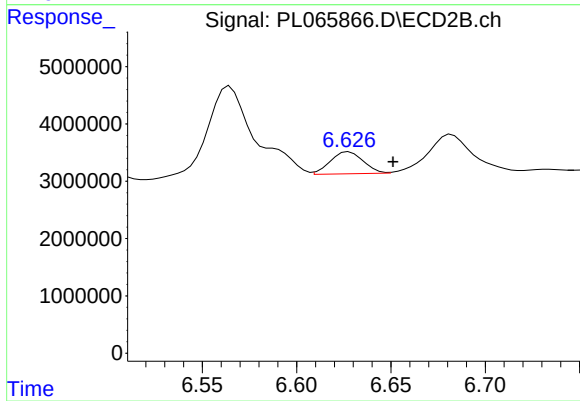
#14 Endrin

R.T.: 6.425 min  
Delta R.T.: -0.009 min  
Response: 1098256  
Conc: 0.44 ng/ml



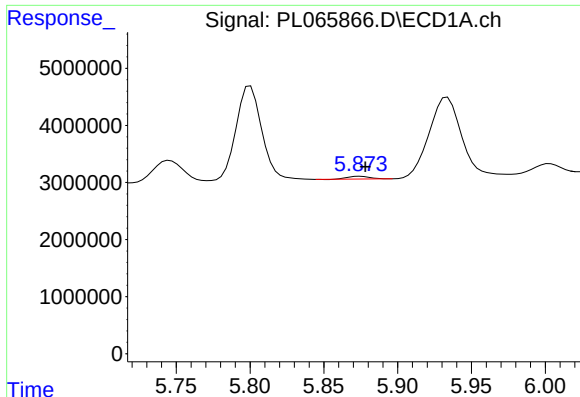
#15 Endosulfan II

R.T.: 6.003 min  
Delta R.T.: -0.011 min  
Response: 1966053  
Conc: 0.79 ng/ml



#15 Endosulfan II

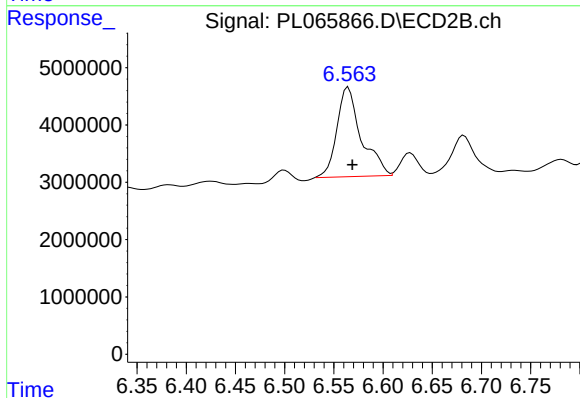
R.T.: 6.628 min  
Delta R.T.: -0.023 min  
Response: 4646794  
Conc: 1.97 ng/ml



#16 4,4'-DDD

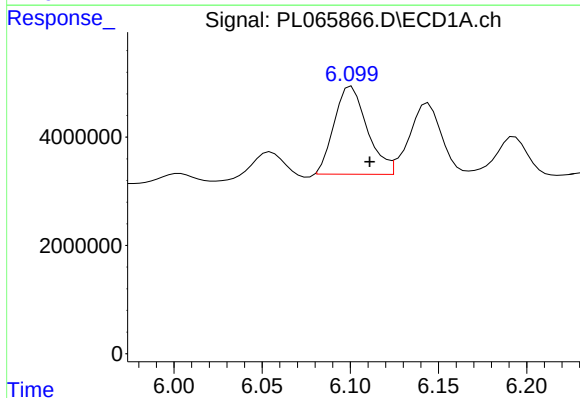
R.T.: 5.875 min  
Delta R.T.: -0.004 min  
Response: 484985  
Conc: 0.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



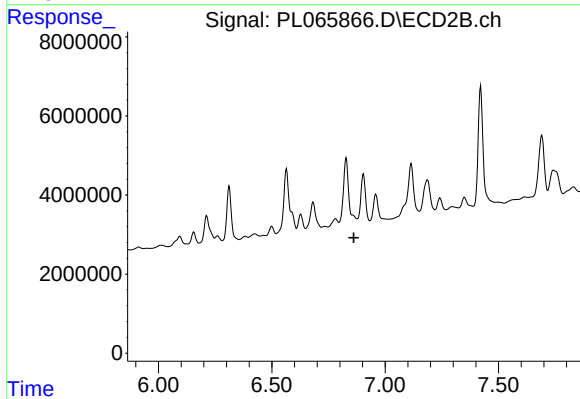
#16 4,4'-DDD

R.T.: 6.565 min  
Delta R.T.: -0.004 min  
Response: 26913130  
Conc: 12.77 ng/ml



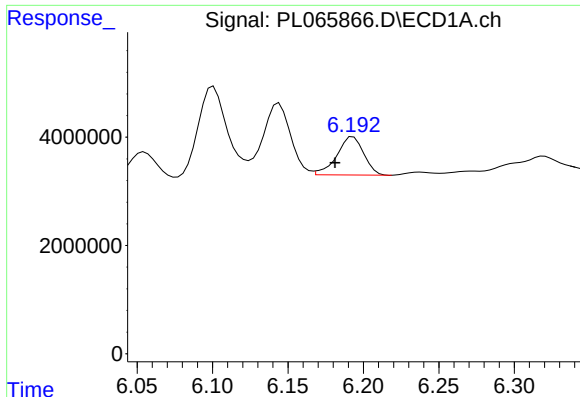
#17 4,4'-DDT

R.T.: 6.101 min  
Delta R.T.: -0.010 min  
Response: 21133372  
Conc: 10.03 ng/ml



#17 4,4'-DDT

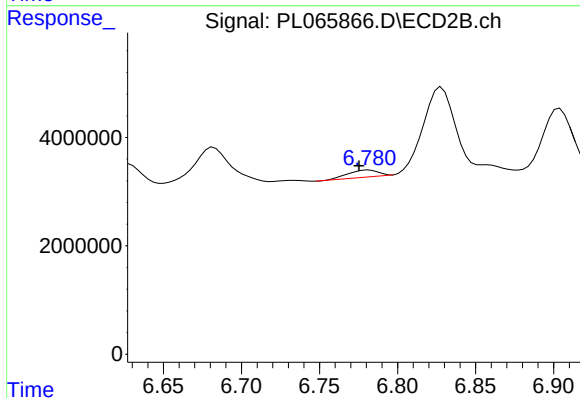
R.T.: 0.000 min  
Exp R.T.: 6.861 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

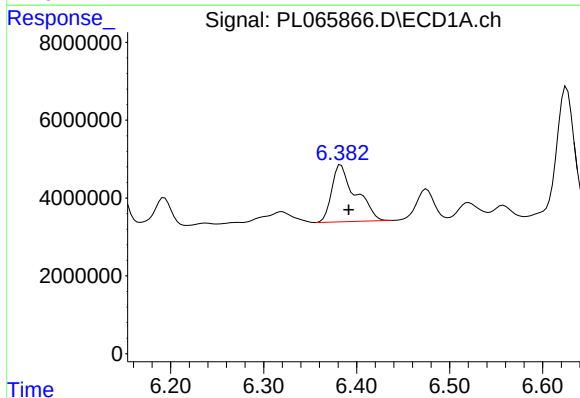
R.T.: 6.193 min  
Delta R.T.: 0.012 min  
Response: 8816492  
Conc: 4.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



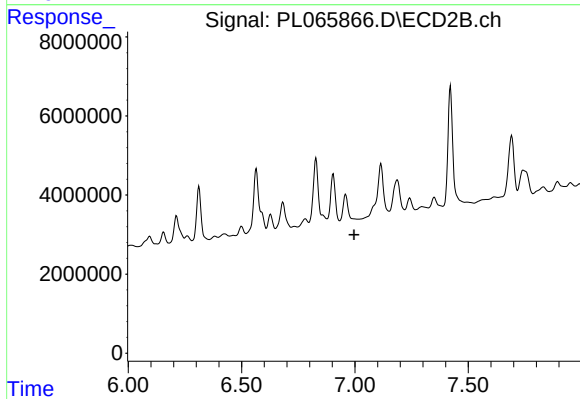
#18 Endrin aldehyde

R.T.: 6.782 min  
Delta R.T.: 0.006 min  
Response: 1741041  
Conc: 0.92 ng/ml



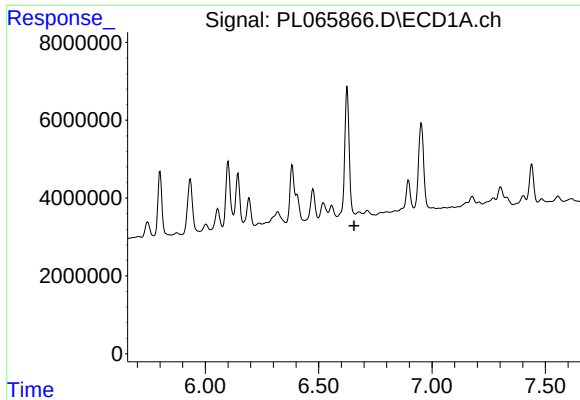
#19 Endosulfan Sulfate

R.T.: 6.383 min  
Delta R.T.: -0.008 min  
Response: 26024083  
Conc: 10.09 ng/ml



#19 Endosulfan Sulfate

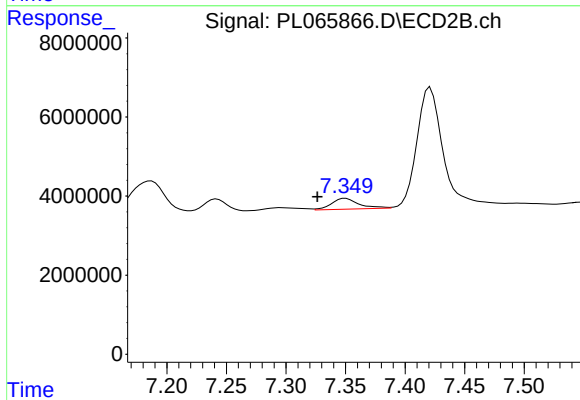
R.T.: 0.000 min  
Exp R.T.: 6.997 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

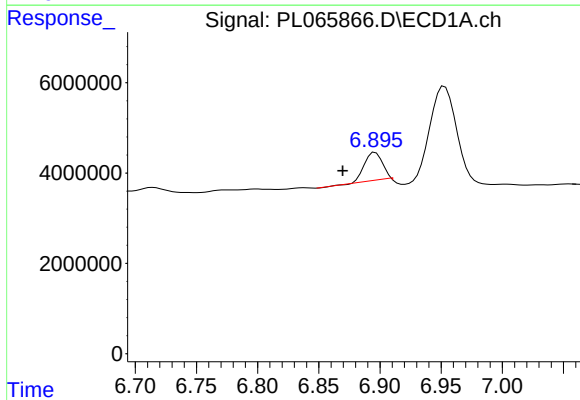
R.T.: 6.679 min  
Delta R.T.: 0.023 min  
Response: -5313511  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



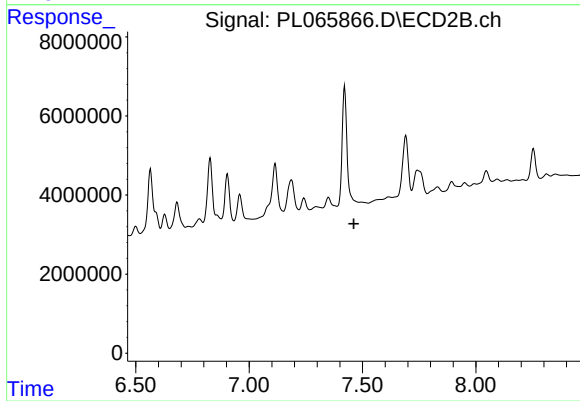
#20 Methoxychlor

R.T.: 7.350 min  
Delta R.T.: 0.024 min  
Response: 4421475  
Conc: 3.49 ng/ml



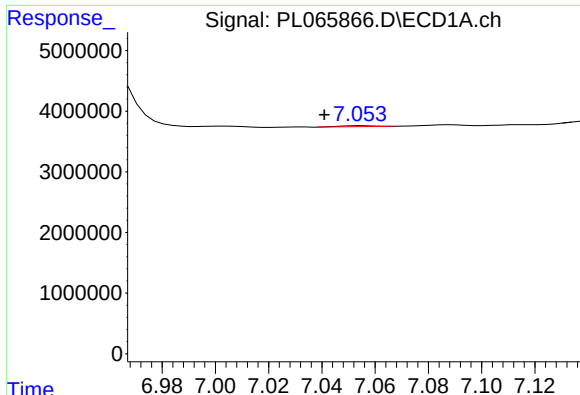
#21 Endrin ketone

R.T.: 6.896 min  
Delta R.T.: 0.027 min  
Response: 6355760  
Conc: 2.32 ng/ml



#21 Endrin ketone

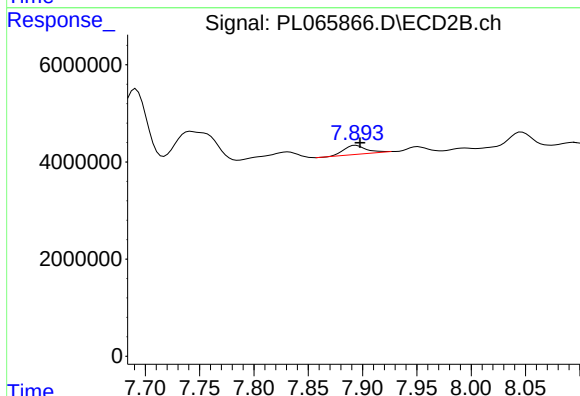
R.T.: 0.000 min  
Exp R.T.: 7.462 min  
Response: 0  
Conc: N.D.



#22 Mirex

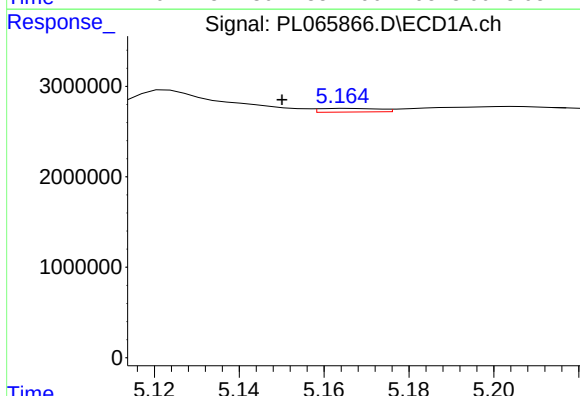
R.T.: 7.055 min  
Delta R.T.: 0.014 min  
Response: 137313  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



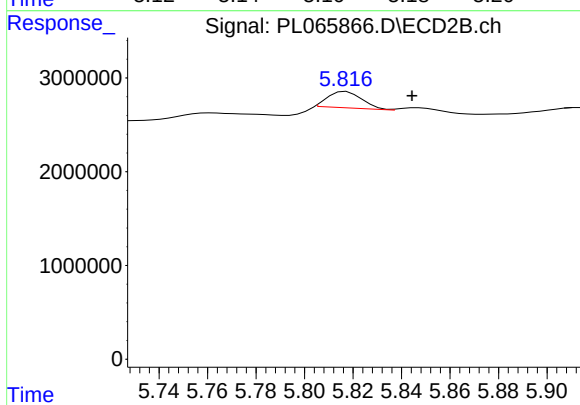
#22 Mirex

R.T.: 7.894 min  
Delta R.T.: -0.004 min  
Response: 2608673  
Conc: 1.34 ng/ml



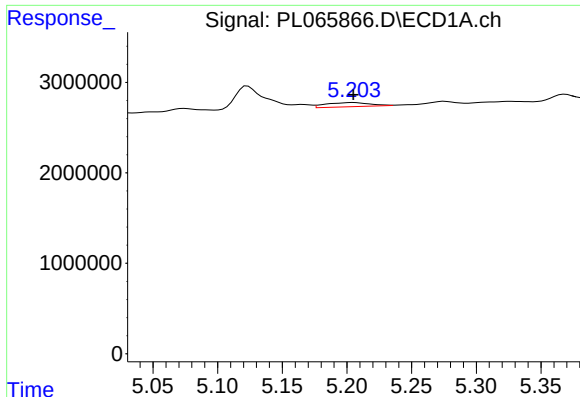
#25 Chlordane-3

R.T.: 5.166 min  
Delta R.T.: 0.016 min  
Response: 389980  
Conc: 1.25 ng/ml



#25 Chlordane-3

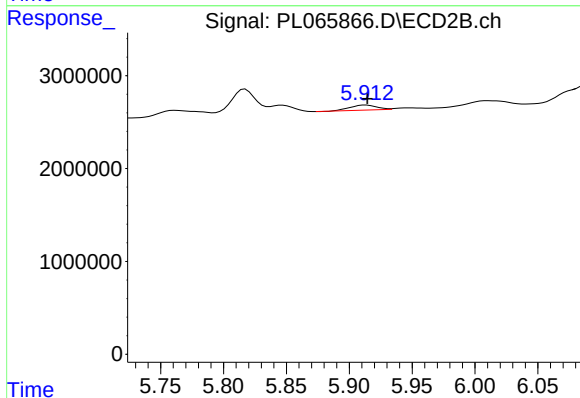
R.T.: 5.817 min  
Delta R.T.: -0.027 min  
Response: 1696202  
Conc: 3.99 ng/ml



#26 Chlordane-4

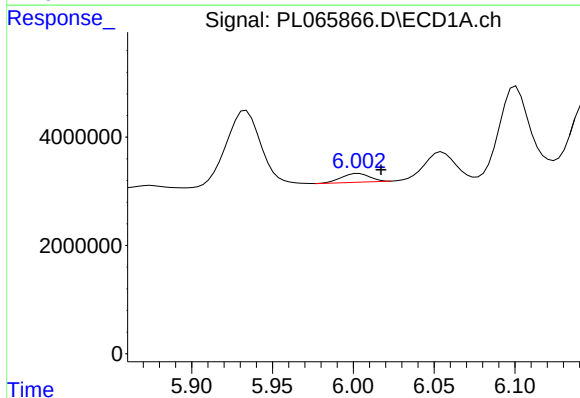
R.T.: 5.205 min  
Delta R.T.: 0.000 min  
Response: 1059230  
Conc: 3.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



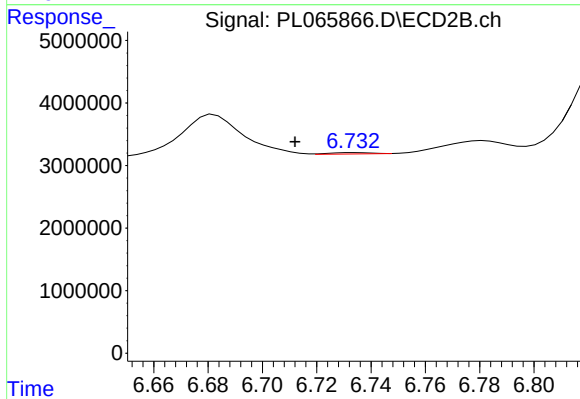
#26 Chlordane-4

R.T.: 5.913 min  
Delta R.T.: -0.001 min  
Response: 801221  
Conc: 1.58 ng/ml



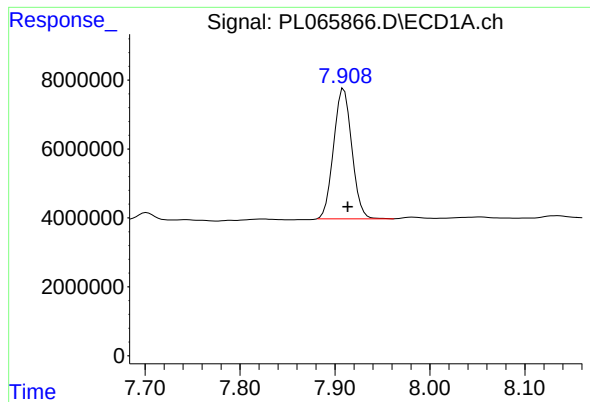
#27 Chlordane-5

R.T.: 6.003 min  
Delta R.T.: -0.014 min  
Response: 1966053  
Conc: 19.22 ng/ml



#27 Chlordane-5

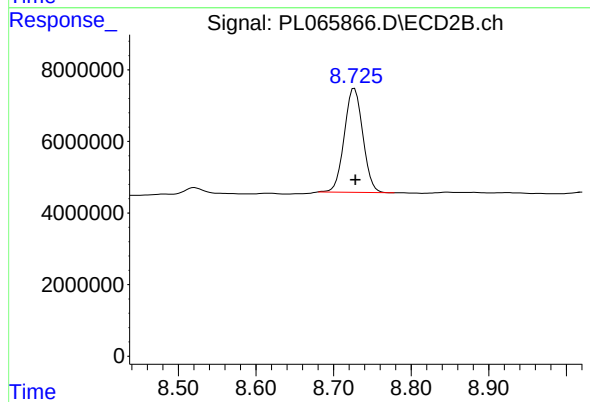
R.T.: 6.734 min  
Delta R.T.: 0.022 min  
Response: 237164  
Conc: 2.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: -0.004 min  
Response: 50419538  
Conc: 21.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.727 min  
Delta R.T.: -0.001 min  
Response: 48124987  
Conc: 21.35 ng/ml