

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031120\  
 Data File : PL057241.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2020 23:45  
 Operator : AJ\MA  
 Sample : L1873-01  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 06:47:42 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 11 17:44:01 2020  
 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... | 3.459  | 3.958  | 202.5E6  | 48527781 | 23.757 | 22.745   |
| 2)                          | SA Decachlor... | 8.207  | 8.982  | 189.8E6  | 42200388 | 19.638 | 19.861   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.902  | 4.319f | 5366627  | 87404    | 0.362  | 0.028 #  |
| 3)                          | MA gamma-BHC... | 4.187  | 4.625  | 3186857  | 104451   | 0.232  | 0.034 #  |
| 4)                          | MA Heptachlor   | 0.000  | 5.139  | 0        | 7228317  | N.D.   | 2.322 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.412f | 0        | 3625446  | N.D.   | 1.213 #  |
| 6)                          | B beta-BHC      | 4.440  | 4.784f | -277639  | 2141951  | N.D.   | 1.520    |
| 8)                          | B Heptachlo...  | 5.185  | 5.806  | 1726391  | 2921275  | 0.143  | 1.054 #  |
| 9)                          | A Endosulfan I  | 5.535f | 0.000  | 3147558  | 0        | 0.278  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.421f | 6.068f | 1451539  | 222091   | 0.117  | 0.074 #  |
| 11)                         | B alpha-Chl...  | 5.458  | 6.123  | 3306036  | 375163   | 0.269  | 0.124 #  |
| 12)                         | B 4,4'-DDE      | 5.633  | 6.280  | 6244769  | 460869   | 0.533  | 0.162 #  |
| 13)                         | MA Dieldrin     | 5.745  | 0.000  | 7953165  | 0        | 0.650  | N.D. #   |
| 14)                         | MA Endrin       | 6.008  | 6.636  | 8544406  | 1494576  | 0.785  | 0.580 #  |
| 15)                         | B Endosulfa...  | 6.292  | 6.873f | 7900497  | 2709695  | 0.732  | 0.966 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.774  | 0        | 3107634  | N.D.   | 1.276 #  |
| 17)                         | MA 4,4'-DDT     | 6.373  | 7.064  | 20934367 | 567413   | 2.139  | 0.231 #  |
| 18)                         | B Endrin al...  | 6.464  | 6.977  | 12765588 | 1439166  | 1.427  | 0.621 #  |
| 19)                         | B Endosulfa...  | 6.685f | 7.199  | 9122166  | 299921   | 0.913  | 0.120 #  |
| 20)                         | A Methoxychlor  | 6.906f | 0.000  | 3834582  | 0        | 0.769  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.186f | 7.669  | 1671875  | 2261104  | 0.148  | 0.825 #  |
| 22)                         | Mirex           | 7.347  | 8.100f | 3815139  | 451157   | 0.471  | 0.235 #  |
| 23)                         | Chlordane-1     | 4.353f | 0.000  | 4926095  | 0        | 16.207 | N.D. #   |
| 24)                         | Chlordane-2     | 4.849f | 5.412  | 1127046  | 3625446  | 3.196  | 37.981 # |
| 25)                         | Chlordane-3     | 5.421f | 6.068f | 1451539  | 222091   | 1.346  | 0.586 #  |
| 26)                         | Chlordane-4     | 5.458  | 6.123  | 3306036  | 375163   | 3.597  | 0.818 #  |
| 27)                         | Chlordane-5     | 6.292  | 0.000  | 7900497  | 0        | 21.751 | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

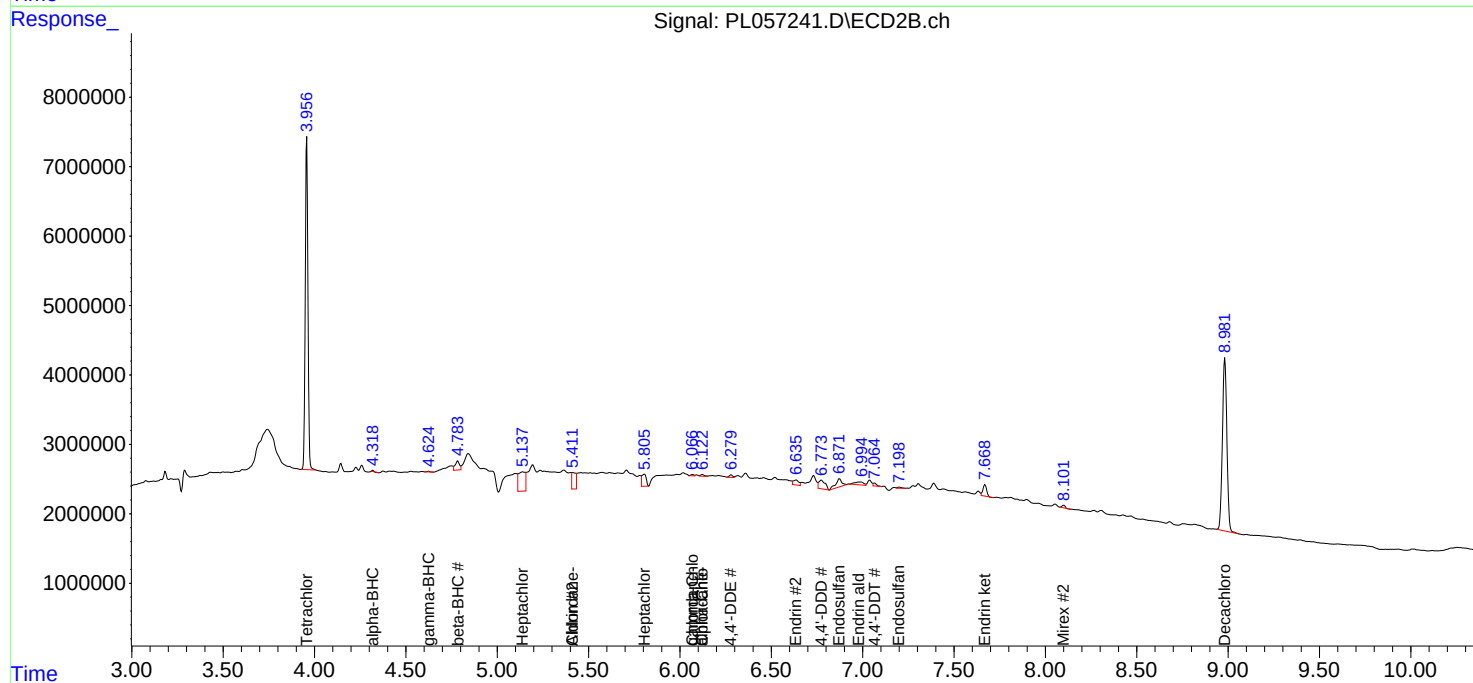
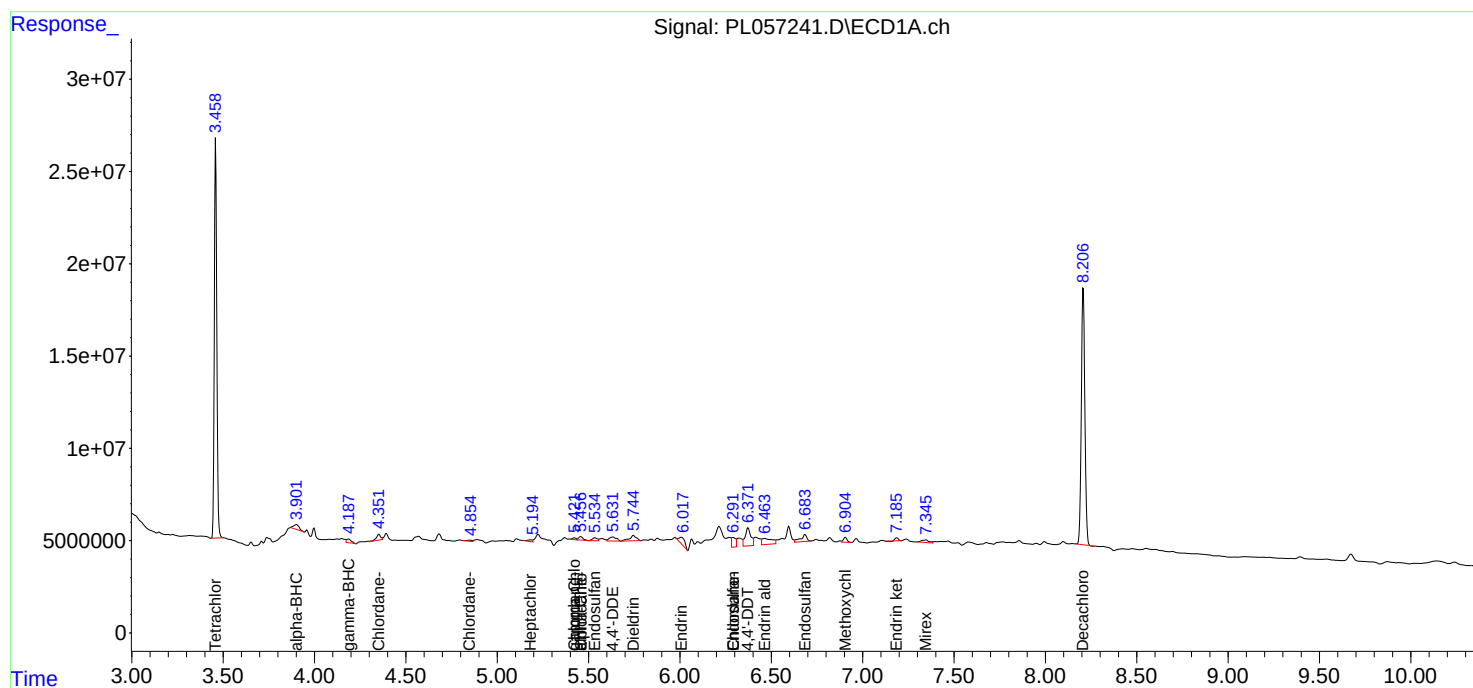
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

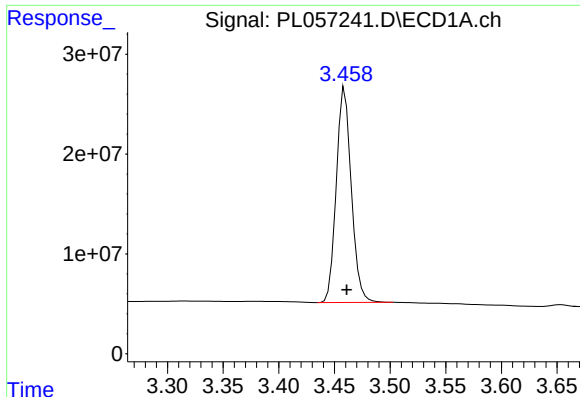
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031120\  
Data File : PL057241.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2020 23:45  
Operator : AJ\MA  
Sample : L1873-01  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
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Quant Time: Mar 12 06:47:42 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 11 17:44:01 2020  
Response via : Initial Calibration  
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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

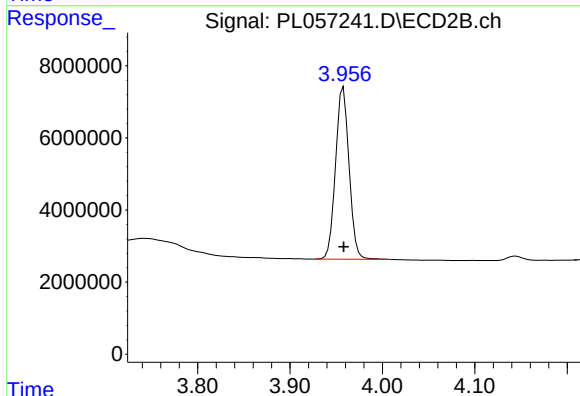




#1 Tetrachloro-m-xylene

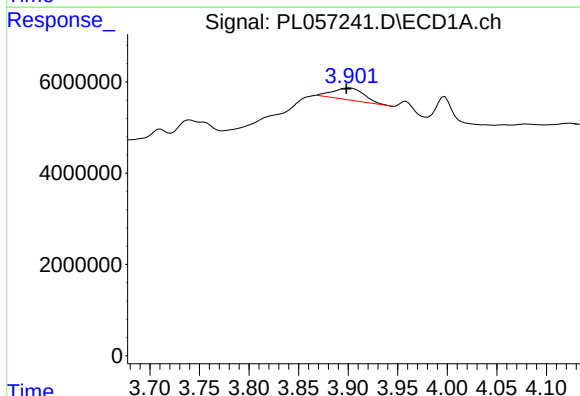
R.T.: 3.459 min  
Delta R.T.: -0.002 min  
Response: 202461189  
Conc: 23.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



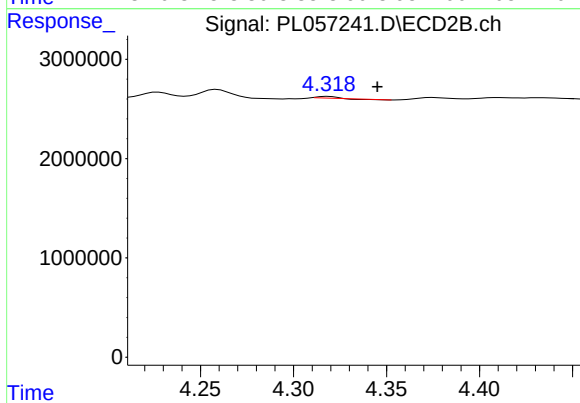
#1 Tetrachloro-m-xylene

R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 48527781  
Conc: 22.75 ng/ml



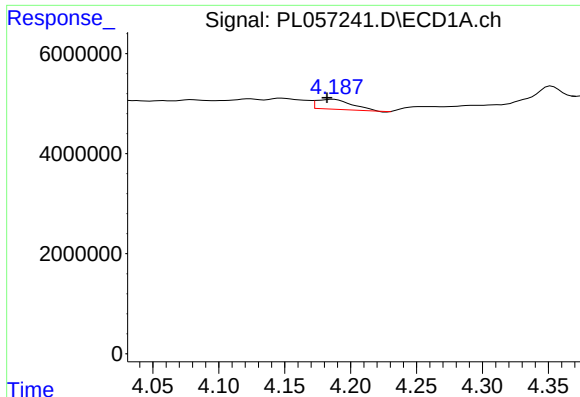
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: 0.004 min  
Response: 5366627  
Conc: 0.36 ng/ml



#2 alpha-BHC

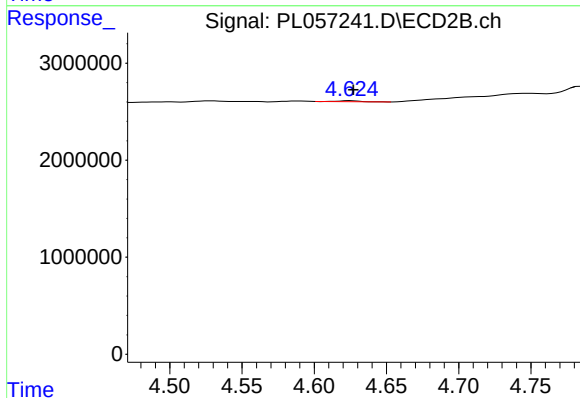
R.T.: 4.319 min  
Delta R.T.: -0.026 min  
Response: 87404  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

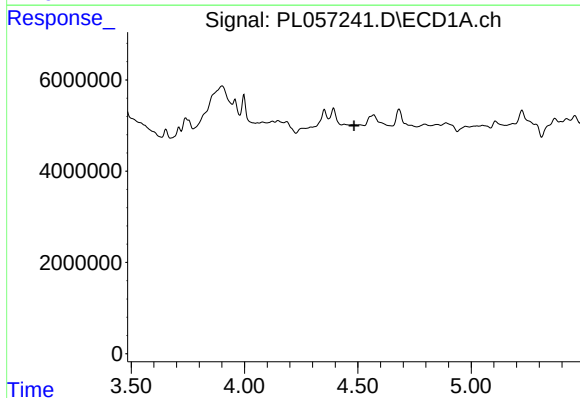
R.T.: 4.187 min  
Delta R.T.: 0.005 min  
Response: 3186857  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



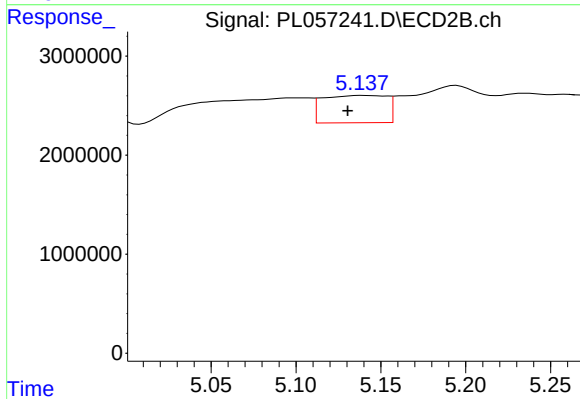
#3 gamma-BHC (Lindane)

R.T.: 4.625 min  
Delta R.T.: -0.002 min  
Response: 104451  
Conc: 0.03 ng/ml



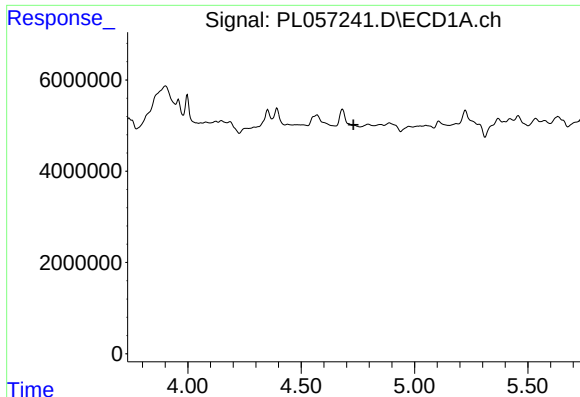
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.483 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

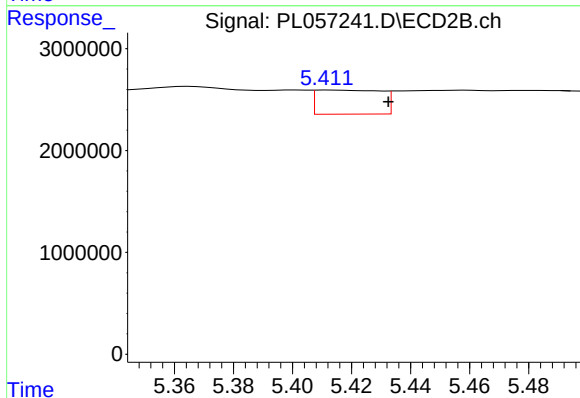
R.T.: 5.139 min  
Delta R.T.: 0.008 min  
Response: 7228317  
Conc: 2.32 ng/ml



#5 Aldrin

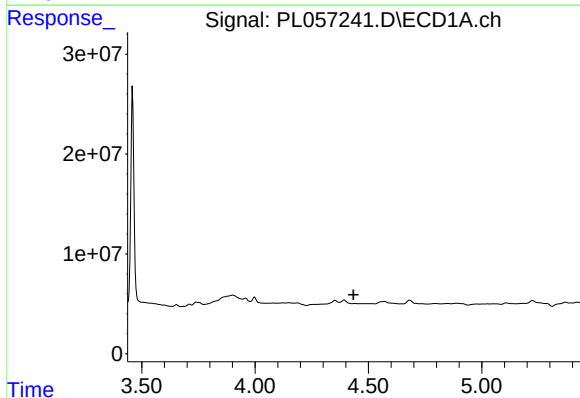
R.T.: 0.000 min  
Exp R.T.: 4.731 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



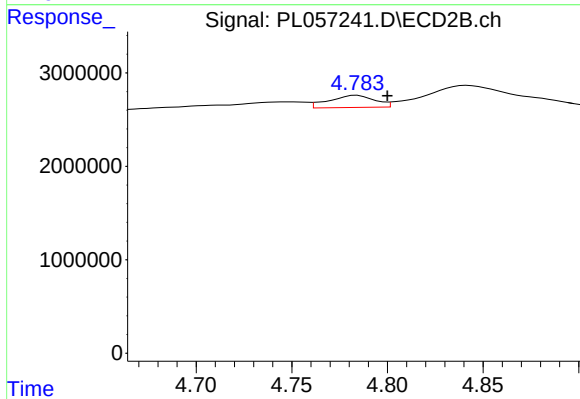
#5 Aldrin

R.T.: 5.412 min  
Delta R.T.: -0.020 min  
Response: 3625446  
Conc: 1.21 ng/ml



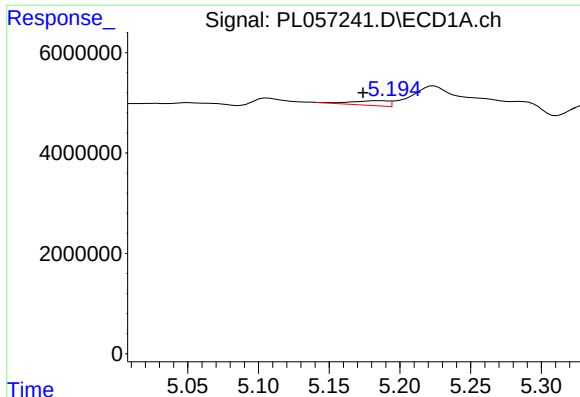
#6 beta-BHC

R.T.: 4.440 min  
Delta R.T.: 0.006 min  
Response: -277639  
Conc: N.D.



#6 beta-BHC

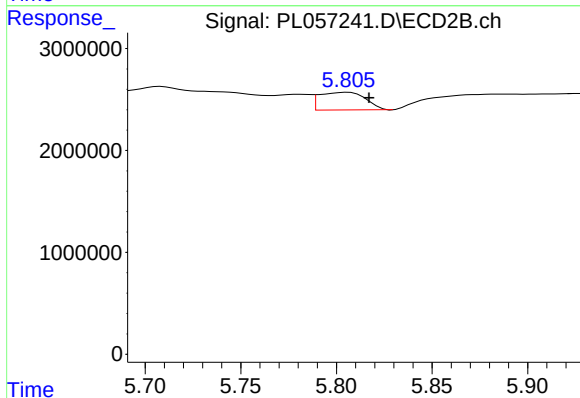
R.T.: 4.784 min  
Delta R.T.: -0.016 min  
Response: 2141951  
Conc: 1.52 ng/ml



#8 Heptachlor epoxide

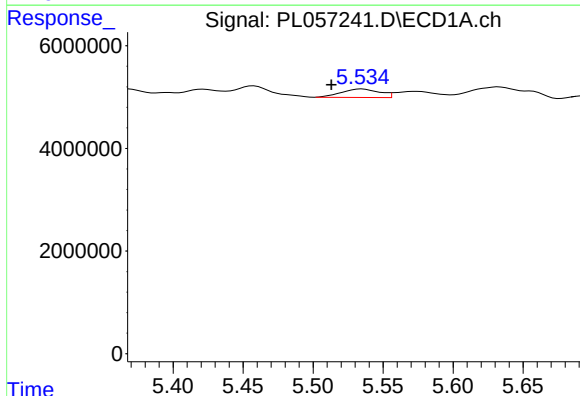
R.T.: 5.185 min  
Delta R.T.: 0.010 min  
Response: 1726391  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



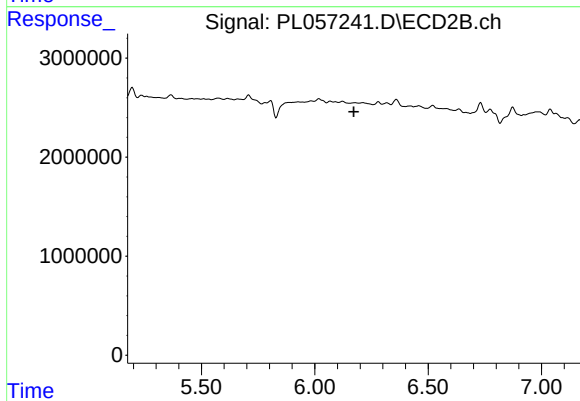
#8 Heptachlor epoxide

R.T.: 5.806 min  
Delta R.T.: -0.011 min  
Response: 2921275  
Conc: 1.05 ng/ml



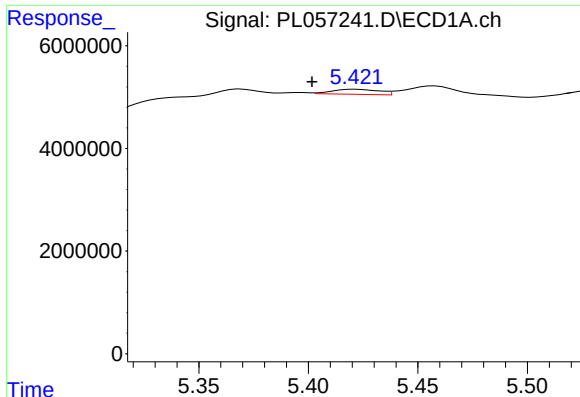
#9 Endosulfan I

R.T.: 5.535 min  
Delta R.T.: 0.022 min  
Response: 3147558  
Conc: 0.28 ng/ml



#9 Endosulfan I

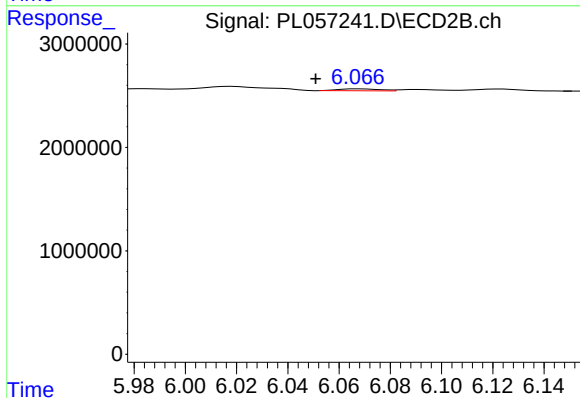
R.T.: 0.000 min  
Exp R.T.: 6.172 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

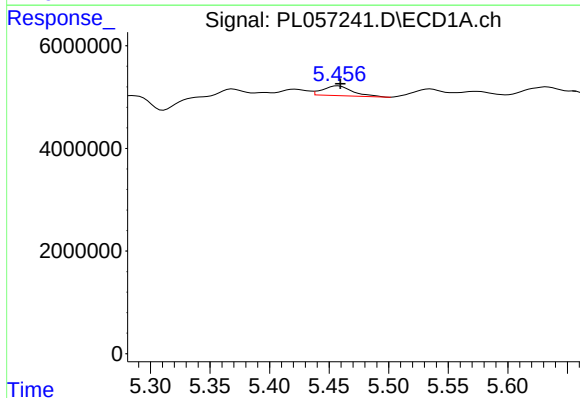
R.T.: 5.421 min  
Delta R.T.: 0.020 min  
Response: 1451539  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



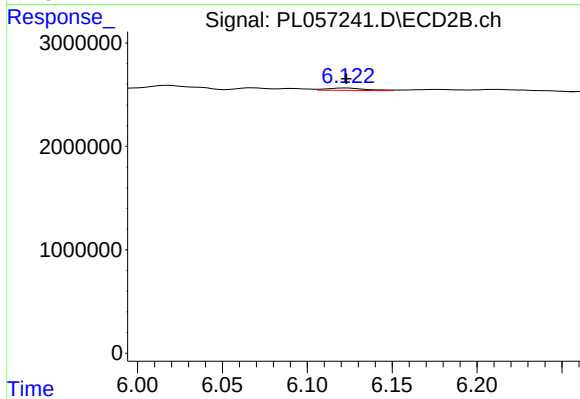
#10 gamma-Chlordane

R.T.: 6.068 min  
Delta R.T.: 0.017 min  
Response: 222091  
Conc: 0.07 ng/ml



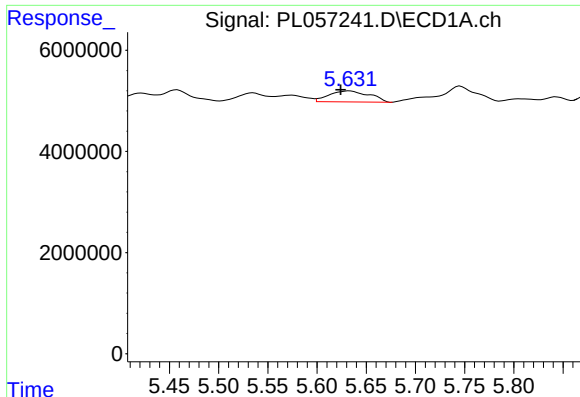
#11 alpha-Chlordane

R.T.: 5.458 min  
Delta R.T.: -0.002 min  
Response: 3306036  
Conc: 0.27 ng/ml



#11 alpha-Chlordane

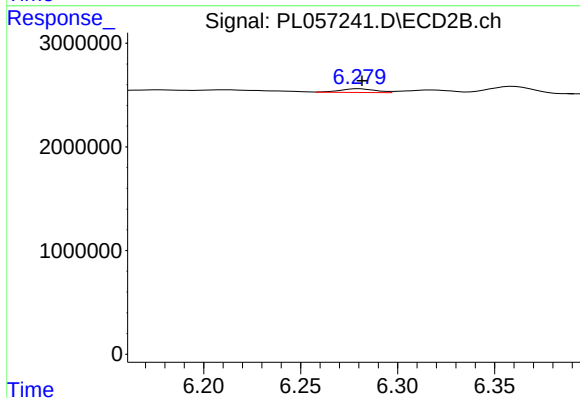
R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 375163  
Conc: 0.12 ng/ml



#12 4,4'-DDE

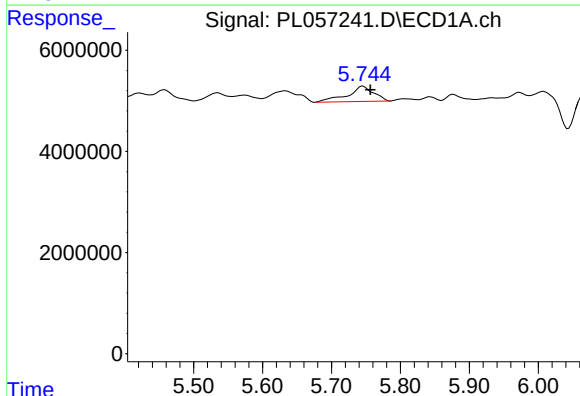
R.T.: 5.633 min  
Delta R.T.: 0.009 min  
Response: 6244769  
Conc: 0.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



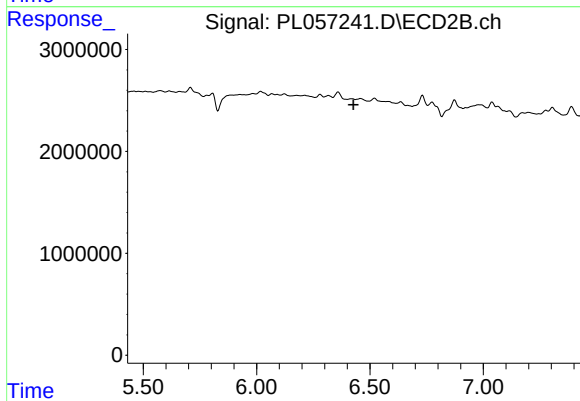
#12 4,4'-DDE

R.T.: 6.280 min  
Delta R.T.: -0.001 min  
Response: 460869  
Conc: 0.16 ng/ml



#13 Dieldrin

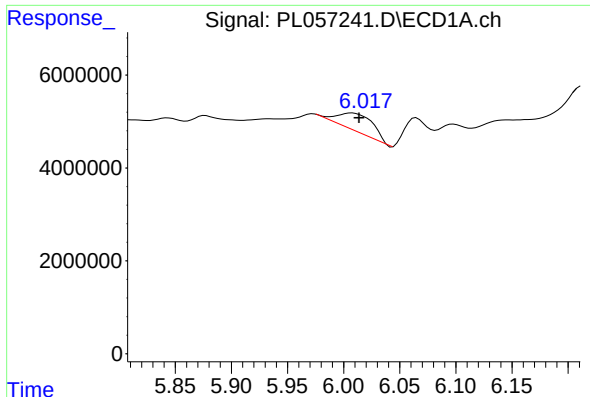
R.T.: 5.745 min  
Delta R.T.: -0.011 min  
Response: 7953165  
Conc: 0.65 ng/ml



#13 Dieldrin

R.T.: 0.000 min  
Exp R.T.: 6.428 min  
Response: 0  
Conc: N.D.

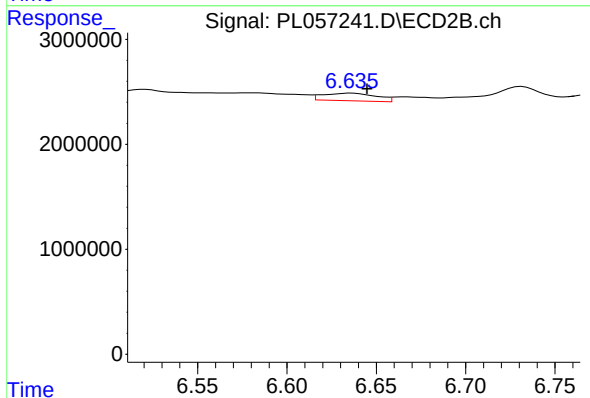




#14 Endrin

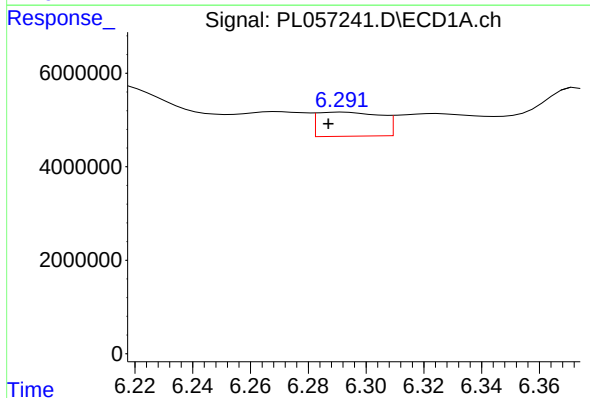
R.T.: 6.008 min  
Delta R.T.: -0.006 min  
Response: 8544406  
Conc: 0.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



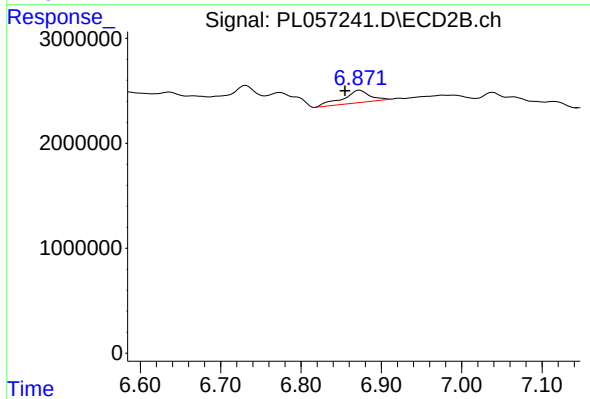
#14 Endrin

R.T.: 6.636 min  
Delta R.T.: -0.009 min  
Response: 1494576  
Conc: 0.58 ng/ml



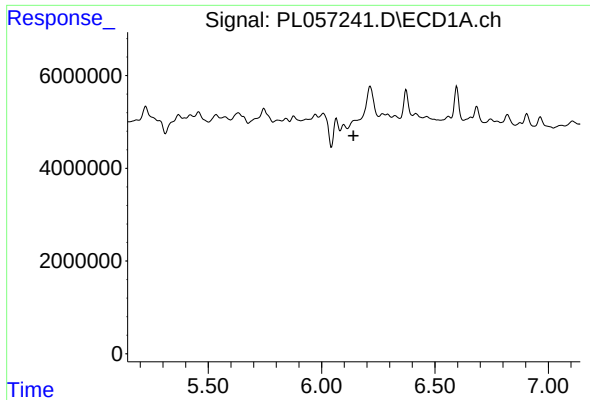
#15 Endosulfan II

R.T.: 6.292 min  
Delta R.T.: 0.005 min  
Response: 7900497  
Conc: 0.73 ng/ml



#15 Endosulfan II

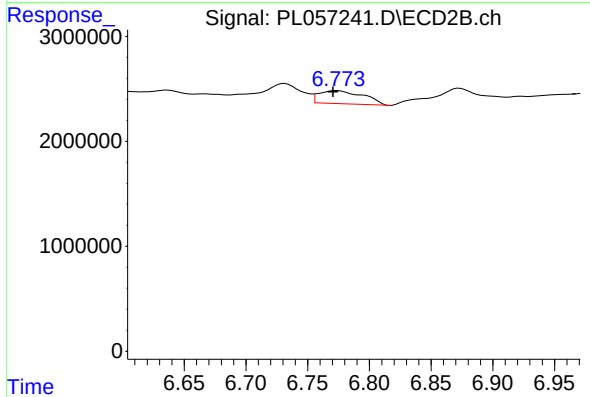
R.T.: 6.873 min  
Delta R.T.: 0.018 min  
Response: 2709695  
Conc: 0.97 ng/ml



#16 4,4'-DDD

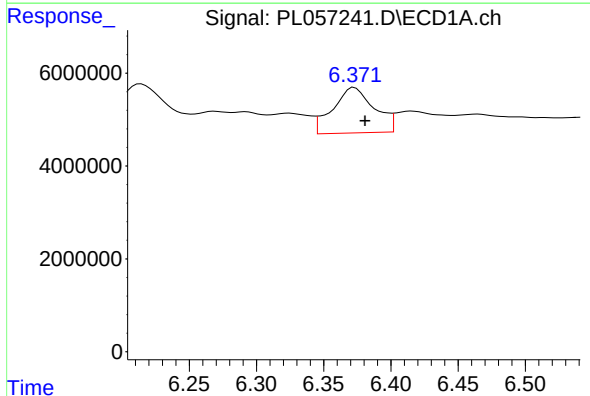
R.T.: 0.000 min  
Exp R.T.: 6.141 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



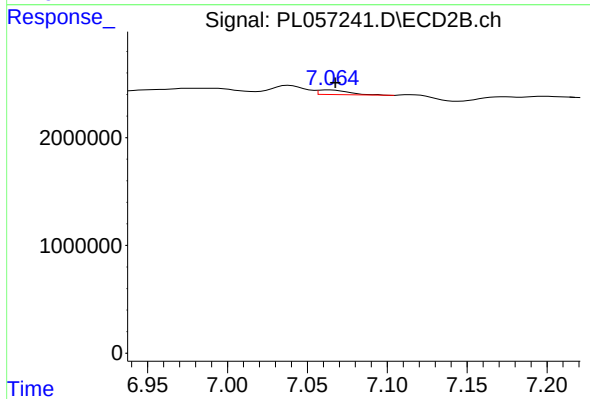
#16 4,4'-DDD

R.T.: 6.774 min  
Delta R.T.: 0.003 min  
Response: 3107634  
Conc: 1.28 ng/ml



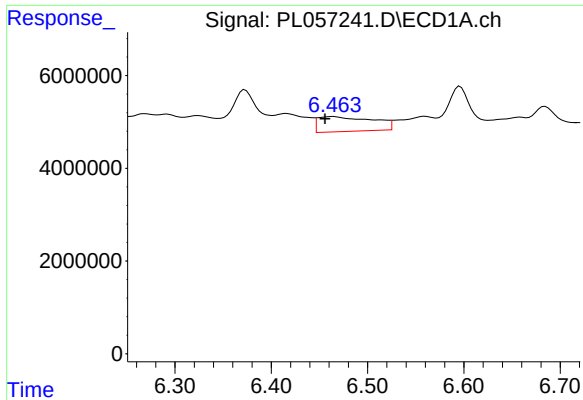
#17 4,4'-DDT

R.T.: 6.373 min  
Delta R.T.: -0.008 min  
Response: 20934367  
Conc: 2.14 ng/ml



#17 4,4'-DDT

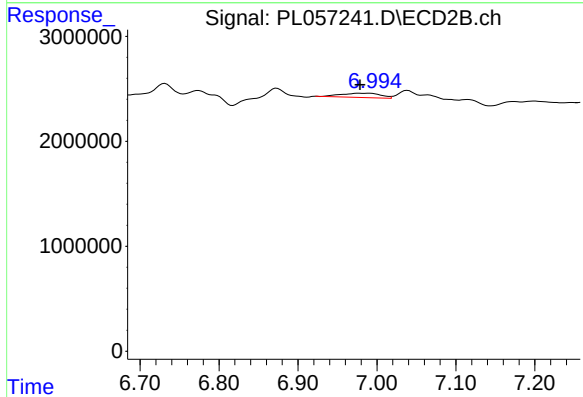
R.T.: 7.064 min  
Delta R.T.: -0.003 min  
Response: 567413  
Conc: 0.23 ng/ml



#18 Endrin aldehyde

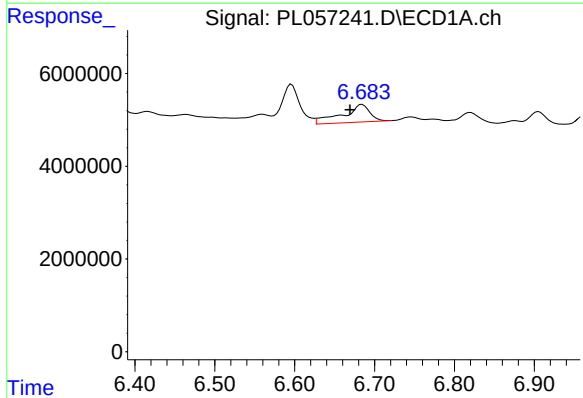
R.T.: 6.464 min  
Delta R.T.: 0.009 min  
Response: 12765588  
Conc: 1.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



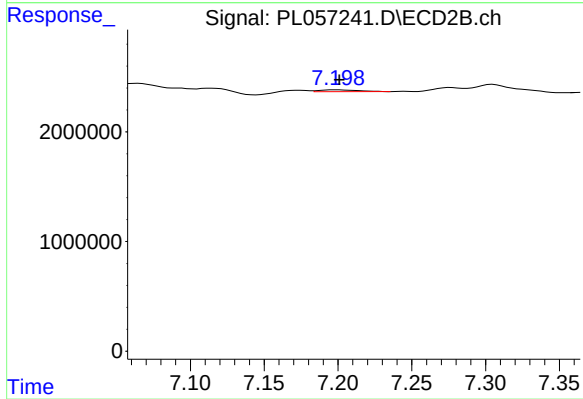
#18 Endrin aldehyde

R.T.: 6.977 min  
Delta R.T.: -0.002 min  
Response: 1439166  
Conc: 0.62 ng/ml



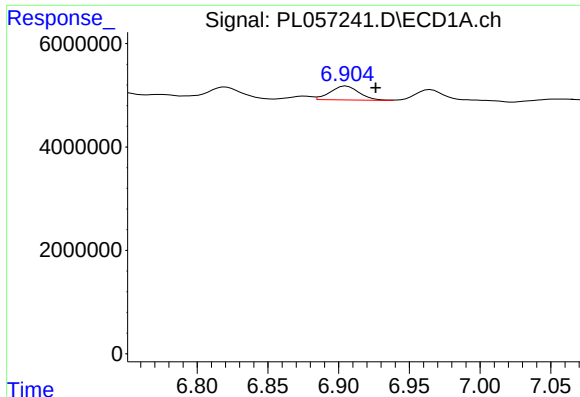
#19 Endosulfan Sulfate

R.T.: 6.685 min  
Delta R.T.: 0.015 min  
Response: 9122166  
Conc: 0.91 ng/ml



#19 Endosulfan Sulfate

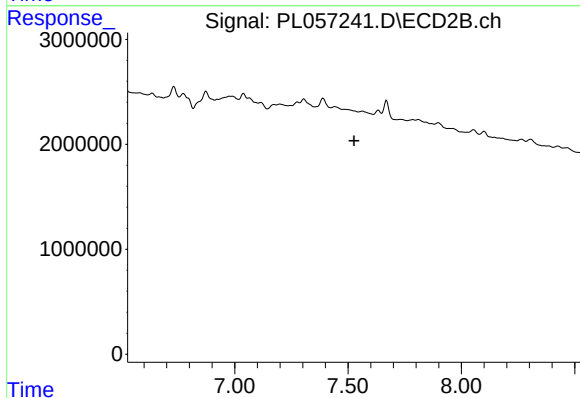
R.T.: 7.199 min  
Delta R.T.: -0.002 min  
Response: 299921  
Conc: 0.12 ng/ml



#20 Methoxychlor

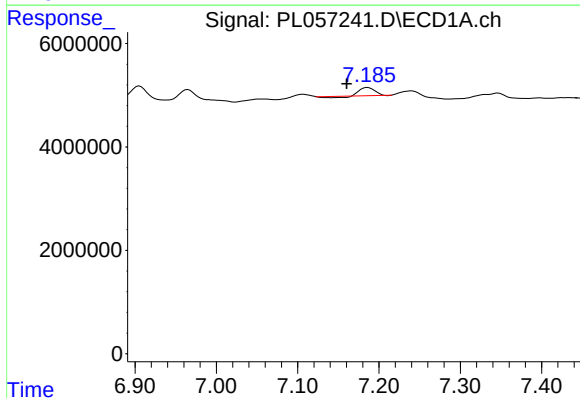
R.T.: 6.906 min  
Delta R.T.: -0.021 min  
Response: 3834582  
Conc: 0.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



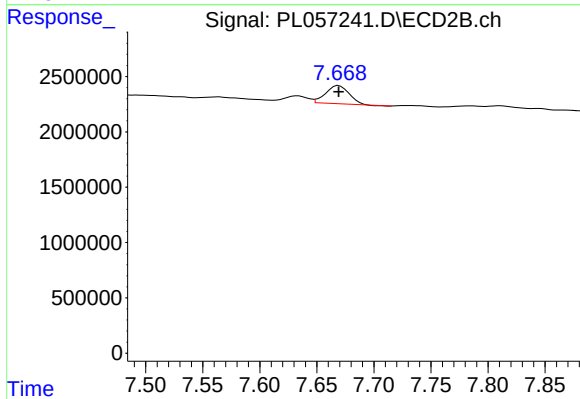
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.527 min  
Response: 0  
Conc: N.D.



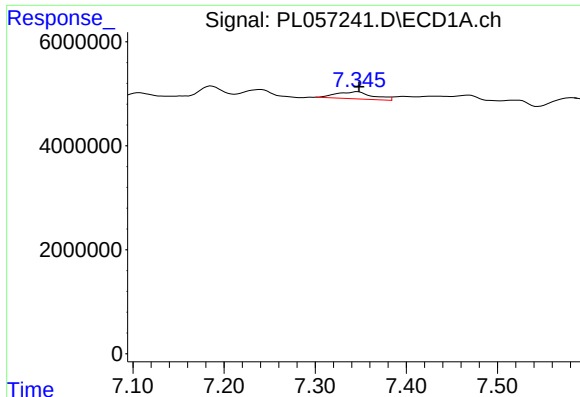
#21 Endrin ketone

R.T.: 7.186 min  
Delta R.T.: 0.026 min  
Response: 1671875  
Conc: 0.15 ng/ml



#21 Endrin ketone

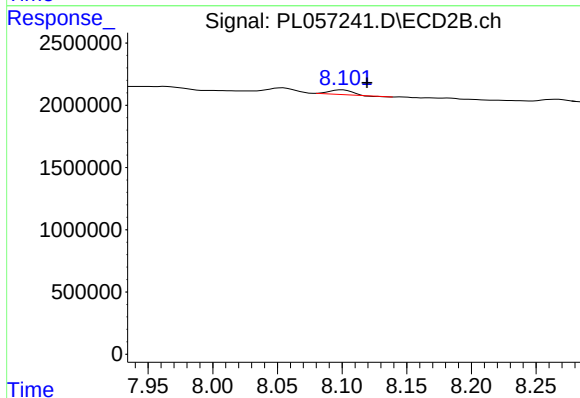
R.T.: 7.669 min  
Delta R.T.: 0.000 min  
Response: 2261104  
Conc: 0.83 ng/ml



#22 Mirex

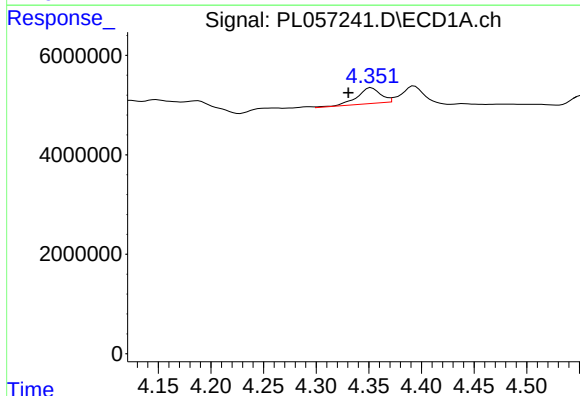
R.T.: 7.347 min  
Delta R.T.: -0.001 min  
Response: 3815139  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



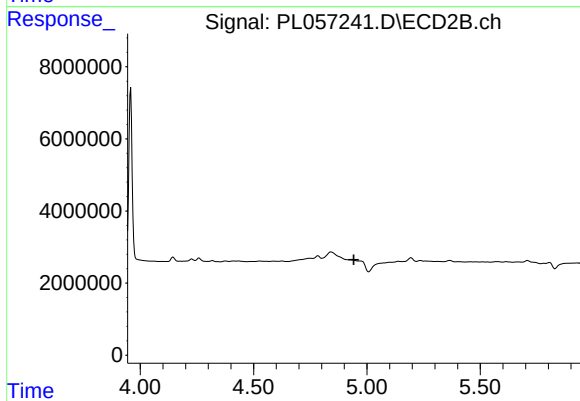
#22 Mirex

R.T.: 8.100 min  
Delta R.T.: -0.019 min  
Response: 451157  
Conc: 0.24 ng/ml



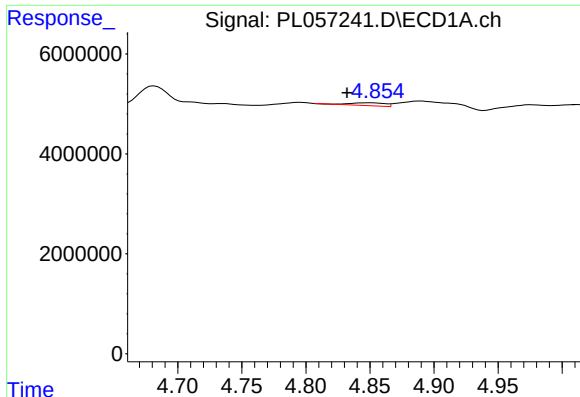
#23 Chlordane-1

R.T.: 4.353 min  
Delta R.T.: 0.022 min  
Response: 4926095  
Conc: 16.21 ng/ml



#23 Chlordane-1

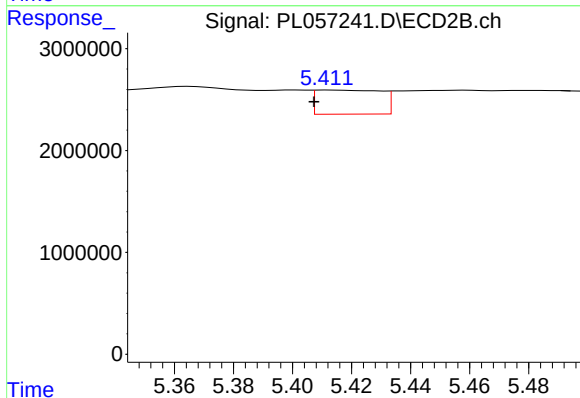
R.T.: 0.000 min  
Exp R.T.: 4.942 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

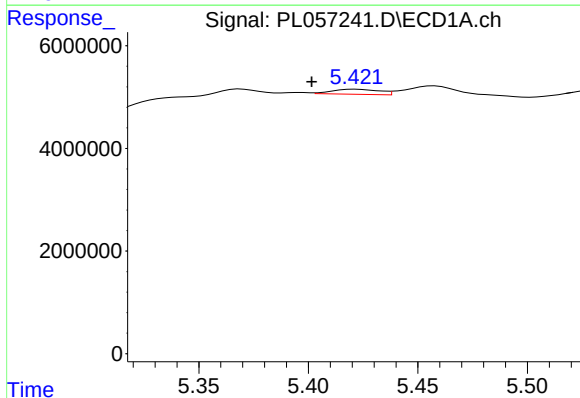
R.T.: 4.849 min  
Delta R.T.: 0.017 min  
Response: 1127046  
Conc: 3.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



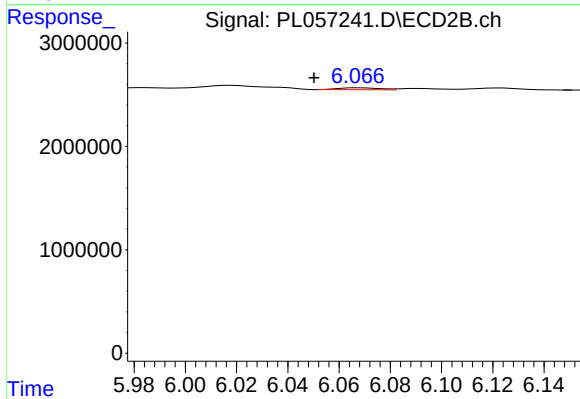
#24 Chlordane-2

R.T.: 5.412 min  
Delta R.T.: 0.005 min  
Response: 3625446  
Conc: 37.98 ng/ml



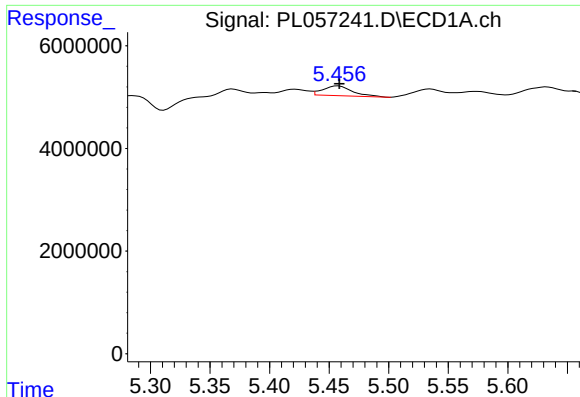
#25 Chlordane-3

R.T.: 5.421 min  
Delta R.T.: 0.020 min  
Response: 1451539  
Conc: 1.35 ng/ml



#25 Chlordane-3

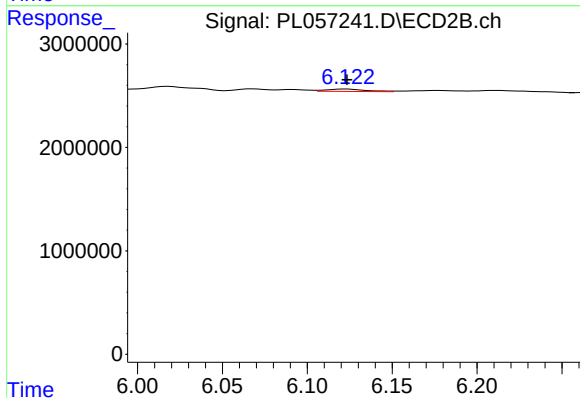
R.T.: 6.068 min  
Delta R.T.: 0.018 min  
Response: 222091  
Conc: 0.59 ng/ml



#26 Chlordane-4

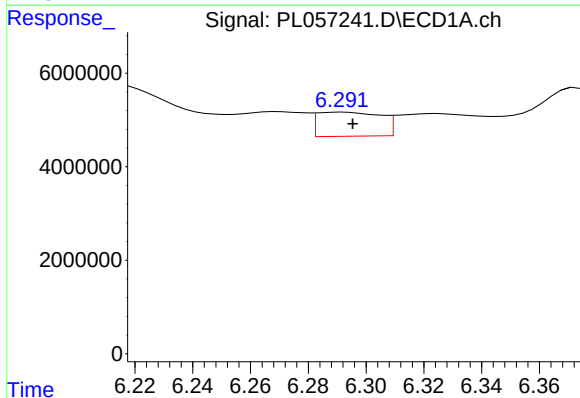
R.T.: 5.458 min  
Delta R.T.: -0.001 min  
Response: 3306036  
Conc: 3.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



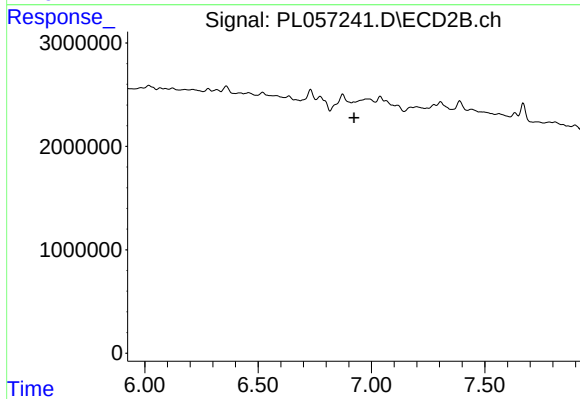
#26 Chlordane-4

R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 375163  
Conc: 0.82 ng/ml



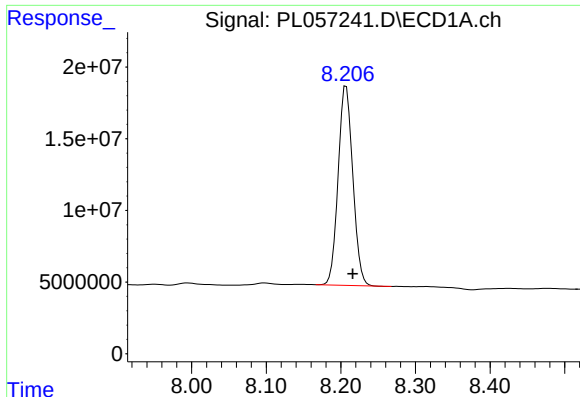
#27 Chlordane-5

R.T.: 6.292 min  
Delta R.T.: -0.004 min  
Response: 7900497  
Conc: 21.75 ng/ml



#27 Chlordane-5

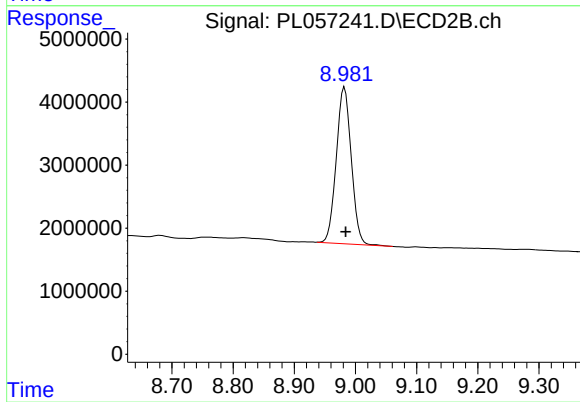
R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: -0.009 min  
Response: 189806692  
Conc: 19.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.982 min  
Delta R.T.: -0.002 min  
Response: 42200388  
Conc: 19.86 ng/ml