

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042120\  
 Data File : PL058236.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Apr 2020 15:52  
 Operator : AJ\MA  
 Sample : L2123-12  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TR-05-042020

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 00:55:46 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 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... | 3.457  | 3.956  | 88391461 | 19487621 | 8.768  | 8.980    |
| 28)                         | SA Decachlor... | 8.206  | 8.980  | 87351185 | 22084183 | 8.474  | 9.886    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.899  | 4.369f | 4252448  | -216245  | 0.245  | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.172  | 0.000  | 255054   | 0        | 0.018  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.489  | 5.102f | 26974431 | 2480547  | 1.683  | 0.739 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.429  | 0        | 400170   | N.D.   | 0.124 #  |
| 6)                          | B beta-BHC      | 4.435  | 0.000  | 7668619  | 0        | 1.214  | N.D. #   |
| 7)                          | B delta-BHC     | 4.659f | 4.985f | 12402672 | 6095959  | 0.817  | 4.365 #  |
| 10)                         | B gamma-Chl...  | 5.417f | 6.048  | 7849895  | 202665   | 0.578  | 0.063 #  |
| 11)                         | B alpha-Chl...  | 5.451  | 6.123  | 2424497  | 3299183  | 0.182  | 1.008 #  |
| 12)                         | B 4,4'-DDE      | 5.617  | 6.279  | 5170138  | 817708   | 0.395  | 0.276 #  |
| 13)                         | MA Dieldrin     | 5.741  | 6.418  | 3189324  | 526503   | 0.245  | 0.172 #  |
| 14)                         | MA Endrin       | 6.004  | 0.000  | 5162288  | 0        | 0.442  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.286  | 6.871f | 2228566  | 398172   | 0.201  | 0.154    |
| 16)                         | A 4,4'-DDD      | 6.130  | 6.773  | 4198561  | 1512595  | 0.420  | 0.663 #  |
| 17)                         | MA 4,4'-DDT     | 6.370  | 7.037f | 7105820  | 2043332  | 0.700  | 0.917 #  |
| 18)                         | B Endrin al...  | 6.465  | 0.000  | 6929708  | 0        | 0.741  | N.D. #   |
| 19)                         | B Endosulfa...  | 6.656  | 7.170f | 5317826  | 439843   | 0.523  | 0.185 #  |
| 20)                         | A Methoxychlor  | 6.904f | 0.000  | 9157628  | 0        | 1.661  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.176f | 0.000  | 2883068  | 0        | 0.259  | N.D. #   |
| 22)                         | Mirex           | 7.328  | 0.000  | 1313468  | 0        | 0.160  | N.D. #   |
| 23)                         | Chlordane-1     | 4.345f | 0.000  | 14564185 | 0        | 39.379 | N.D. #   |
| 24)                         | Chlordane-2     | 4.834  | 5.405  | 4008920  | 1430430  | 9.930  | 13.707 # |
| 25)                         | Chlordane-3     | 5.417f | 6.048  | 7849895  | 202665   | 6.421  | 0.468 #  |
| 26)                         | Chlordane-4     | 5.451  | 6.123  | 2424497  | 3299183  | 2.331  | 6.285 #  |
| 27)                         | Chlordane-5     | 6.286  | 0.000  | 2228566  | 0        | 5.891  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

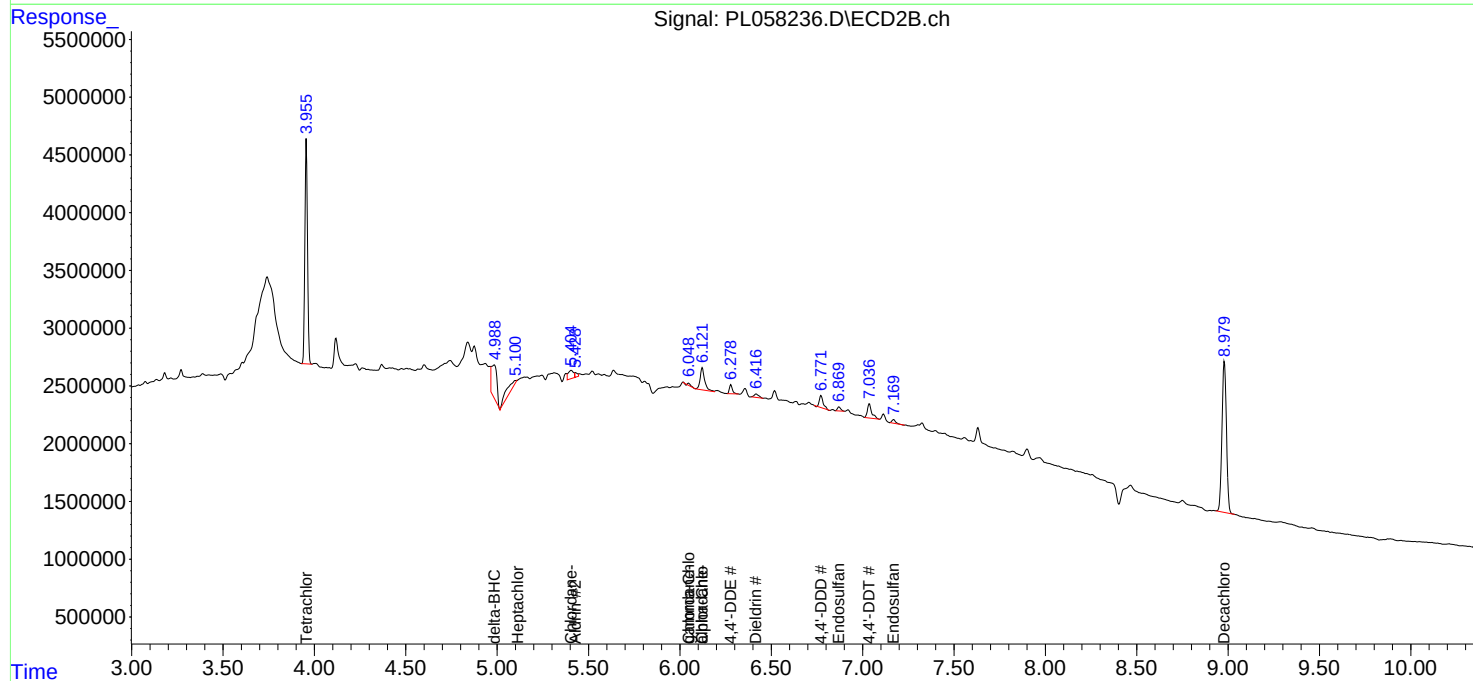
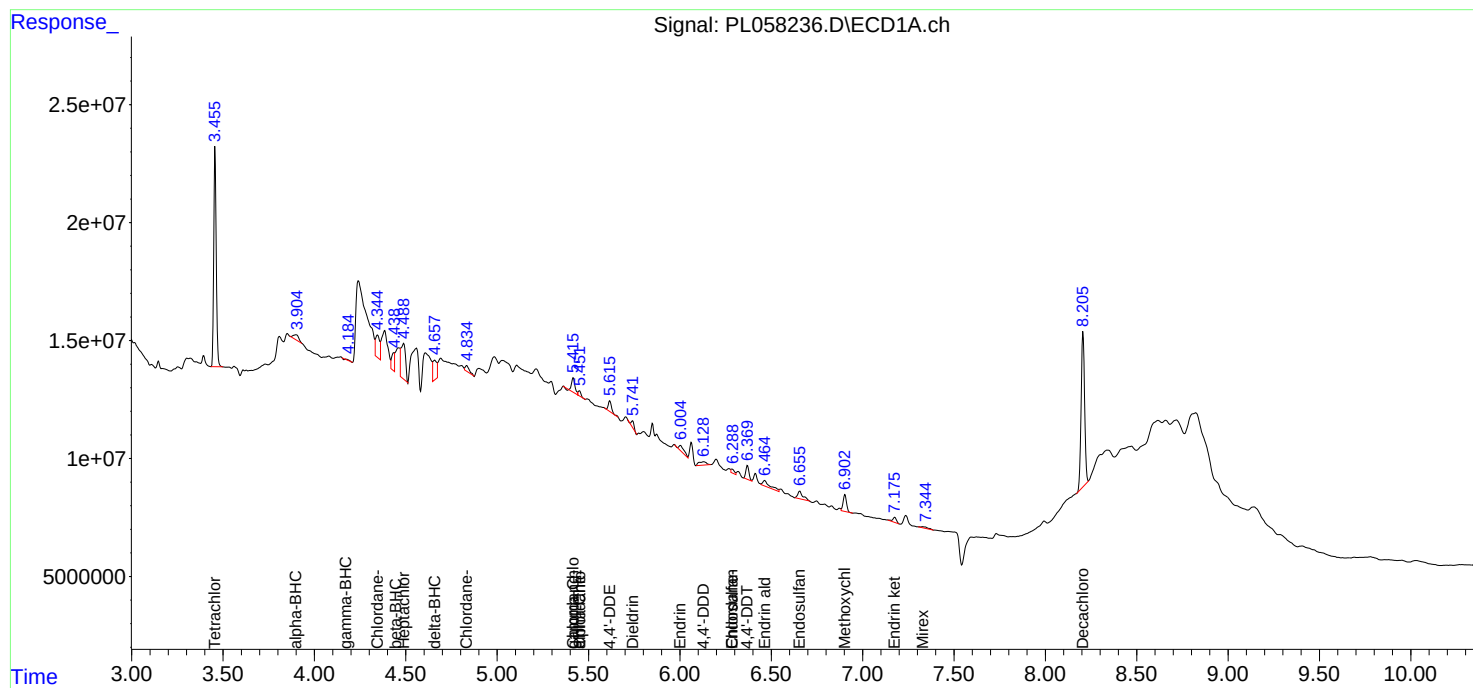
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

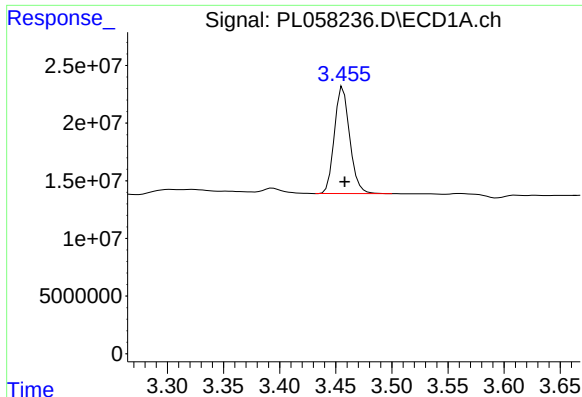
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042120\  
Data File : PL058236.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Apr 2020 15:52  
Operator : AJ\MA  
Sample : L2123-12  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
TR-05-042020

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 00:55:46 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 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

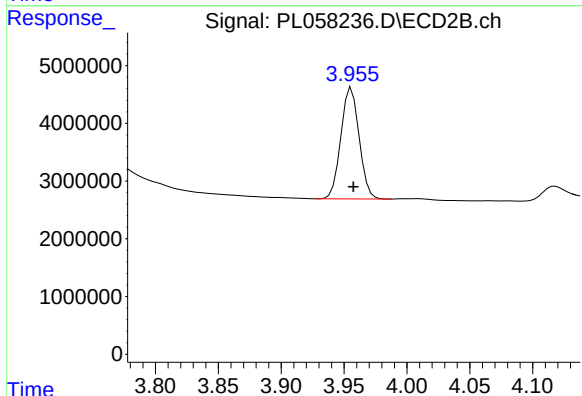




#1 Tetrachloro-m-xylene

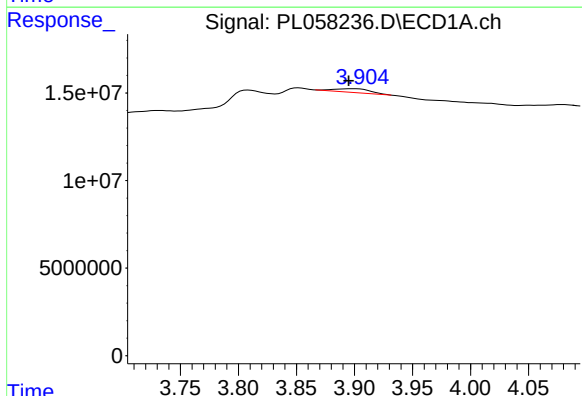
R.T.: 3.457 min  
Delta R.T.: -0.001 min  
Response: 88391461  
Conc: 8.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020



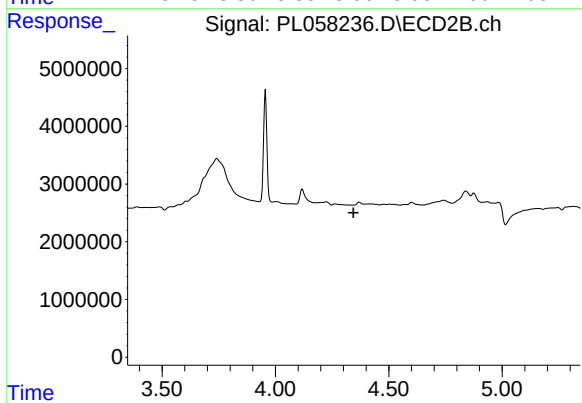
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: -0.001 min  
Response: 19487621  
Conc: 8.98 ng/ml



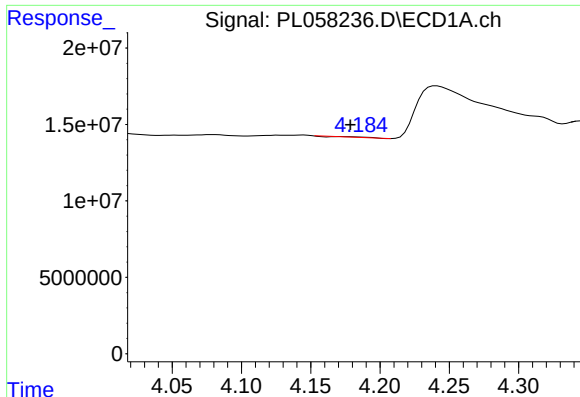
#2 alpha-BHC

R.T.: 3.899 min  
Delta R.T.: 0.004 min  
Response: 4252448  
Conc: 0.24 ng/ml



#2 alpha-BHC

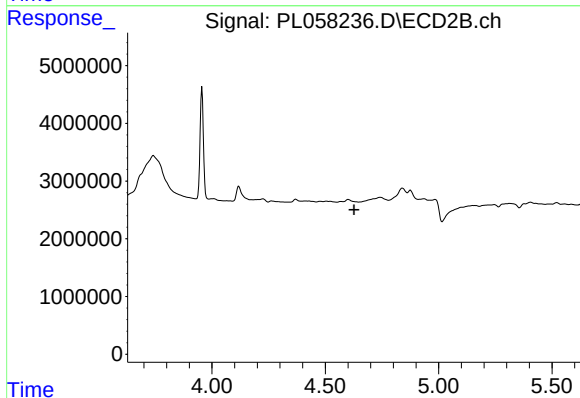
R.T.: 4.369 min  
Delta R.T.: 0.025 min  
Response: -216245  
Conc: N.D.



#3 gamma-BHC (Lindane)

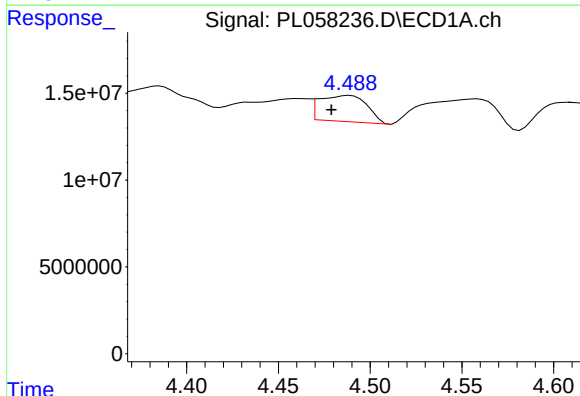
R.T.: 4.172 min  
Delta R.T.: -0.006 min  
Response: 255054  
Conc: 0.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020



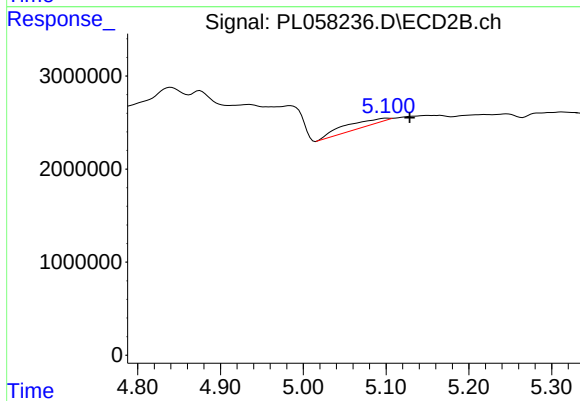
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.627 min  
Response: 0  
Conc: N.D.



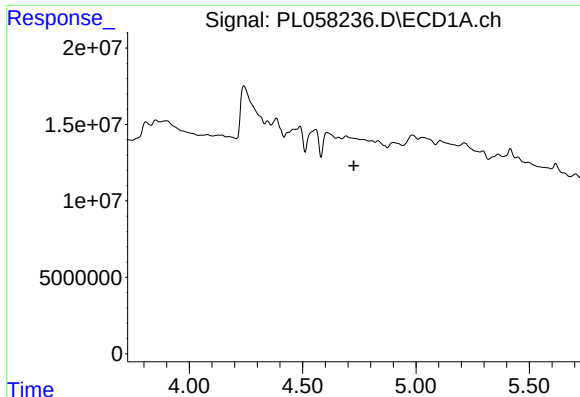
#4 Heptachlor

R.T.: 4.489 min  
Delta R.T.: 0.010 min  
Response: 26974431  
Conc: 1.68 ng/ml



#4 Heptachlor

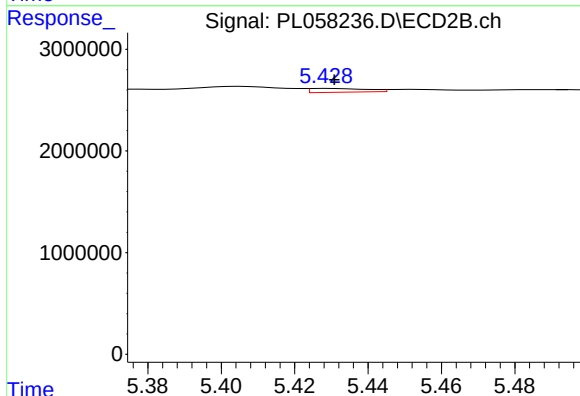
R.T.: 5.102 min  
Delta R.T.: -0.027 min  
Response: 2480547  
Conc: 0.74 ng/ml



#5 Aldrin

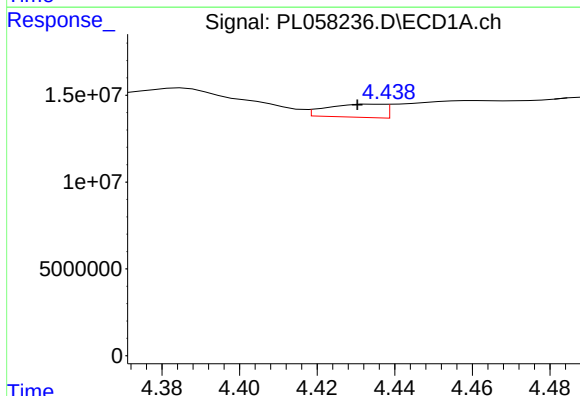
R.T.: 0.000 min  
Exp R.T.: 4.727 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020



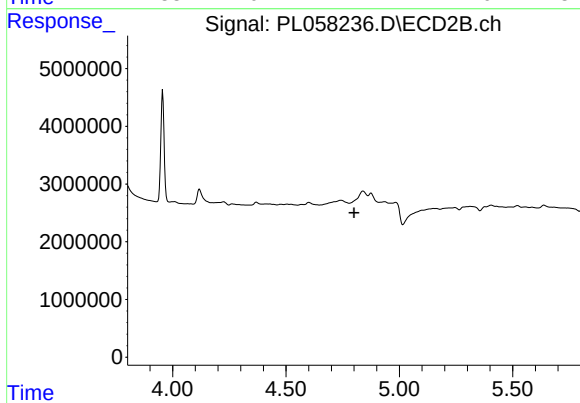
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: -0.002 min  
Response: 400170  
Conc: 0.12 ng/ml



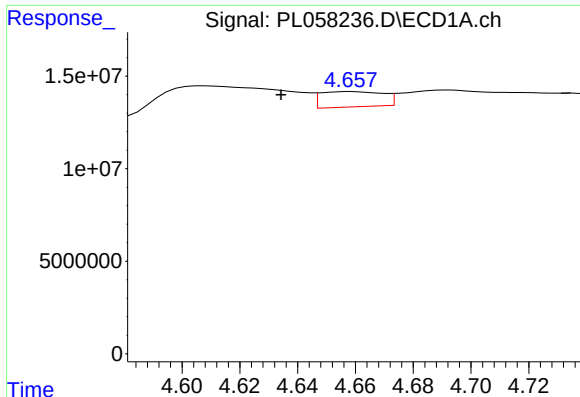
#6 beta-BHC

R.T.: 4.435 min  
Delta R.T.: 0.005 min  
Response: 7668619  
Conc: 1.21 ng/ml



#6 beta-BHC

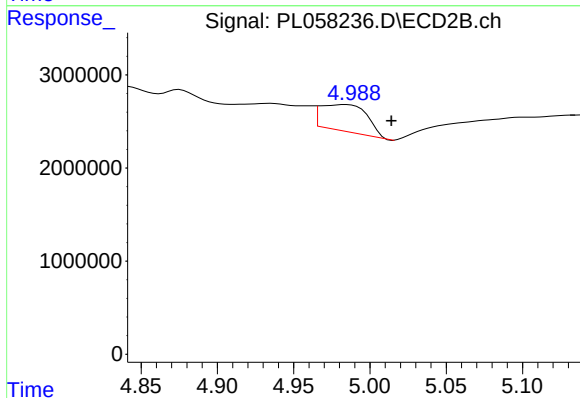
R.T.: 0.000 min  
Exp R.T.: 4.800 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

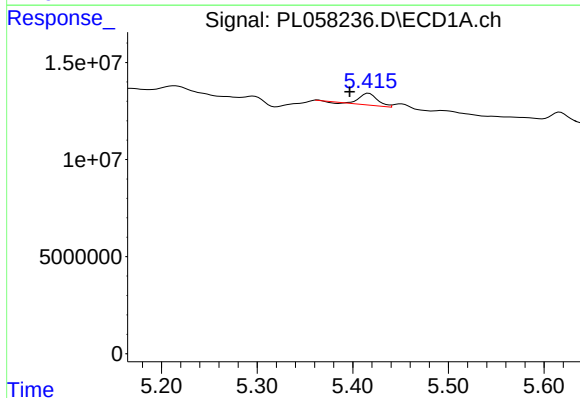
R.T.: 4.659 min  
Delta R.T.: 0.024 min  
Response: 12402672  
Conc: 0.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020



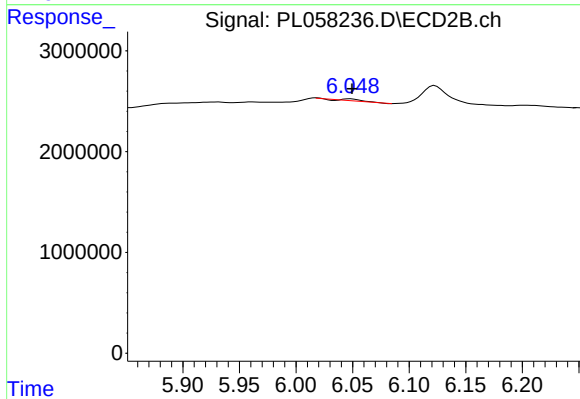
#7 delta-BHC

R.T.: 4.985 min  
Delta R.T.: -0.029 min  
Response: 6095959  
Conc: 4.36 ng/ml



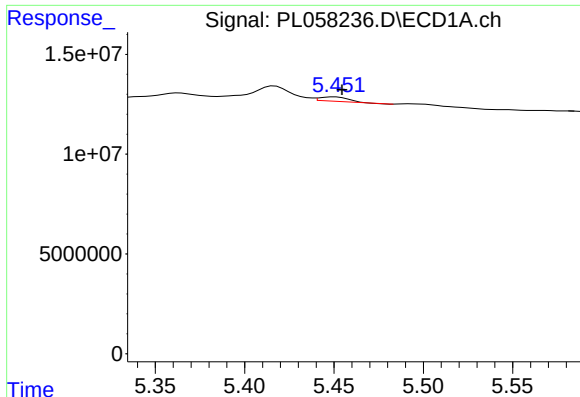
#10 gamma-Chlordane

R.T.: 5.417 min  
Delta R.T.: 0.020 min  
Response: 7849895  
Conc: 0.58 ng/ml



#10 gamma-Chlordane

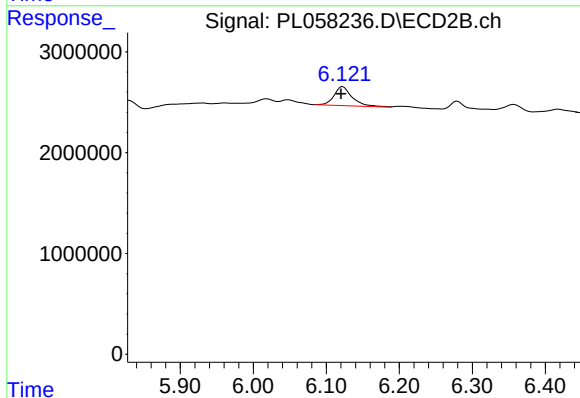
R.T.: 6.048 min  
Delta R.T.: -0.002 min  
Response: 202665  
Conc: 0.06 ng/ml



#11 alpha-Chlordane

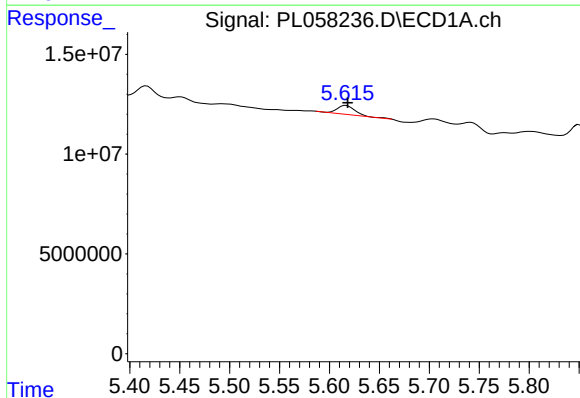
R.T.: 5.451 min  
Delta R.T.: -0.003 min  
Response: 2424497  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020



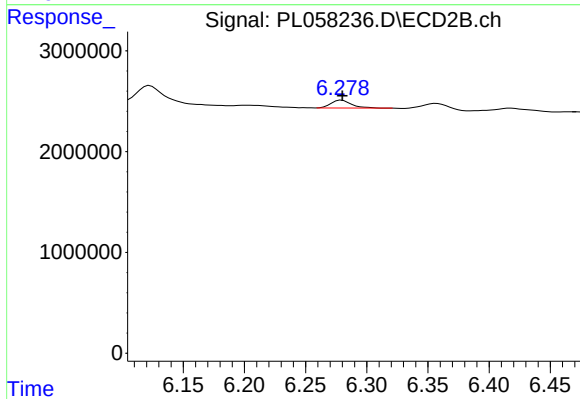
#11 alpha-Chlordane

R.T.: 6.123 min  
Delta R.T.: 0.003 min  
Response: 3299183  
Conc: 1.01 ng/ml



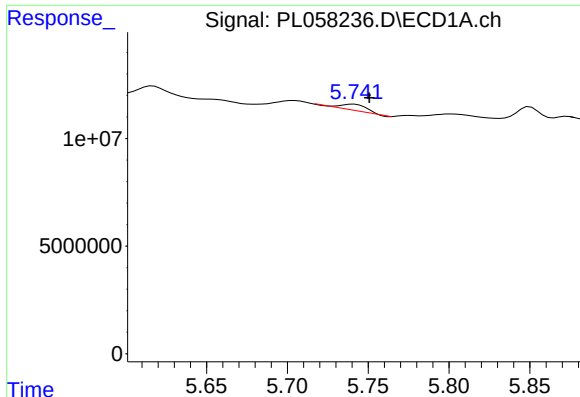
#12 4,4'-DDE

R.T.: 5.617 min  
Delta R.T.: -0.001 min  
Response: 5170138  
Conc: 0.39 ng/ml



#12 4,4'-DDE

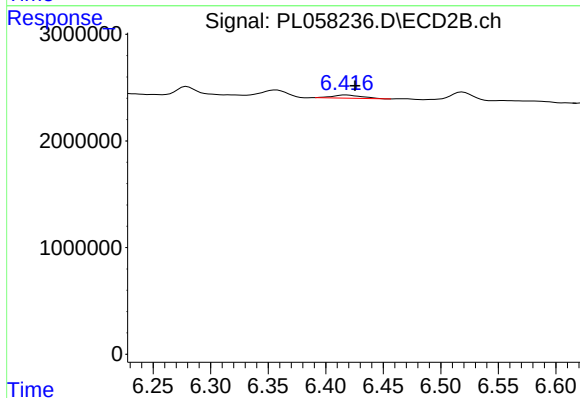
R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 817708  
Conc: 0.28 ng/ml



#13 Dieldrin

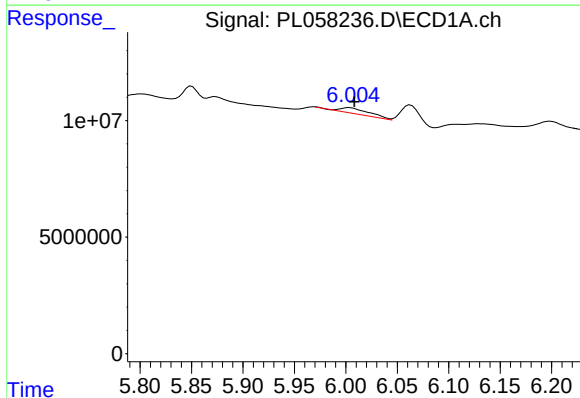
R.T.: 5.741 min  
Delta R.T.: -0.009 min  
Response: 3189324  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020



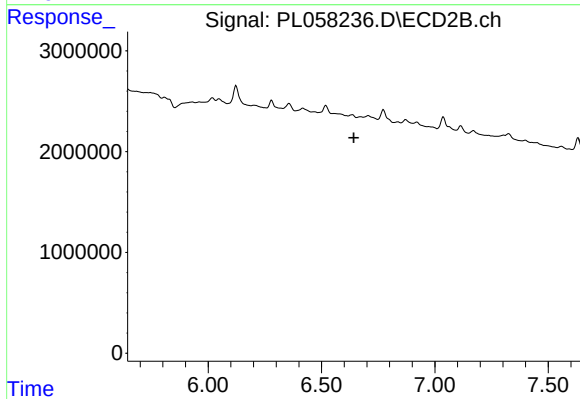
#13 Dieldrin

R.T.: 6.418 min  
Delta R.T.: -0.008 min  
Response: 526503  
Conc: 0.17 ng/ml



#14 Endrin

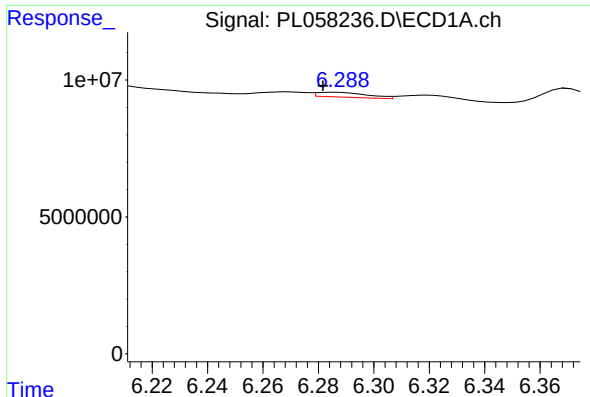
R.T.: 6.004 min  
Delta R.T.: -0.005 min  
Response: 5162288  
Conc: 0.44 ng/ml



#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.642 min  
Response: 0  
Conc: N.D.

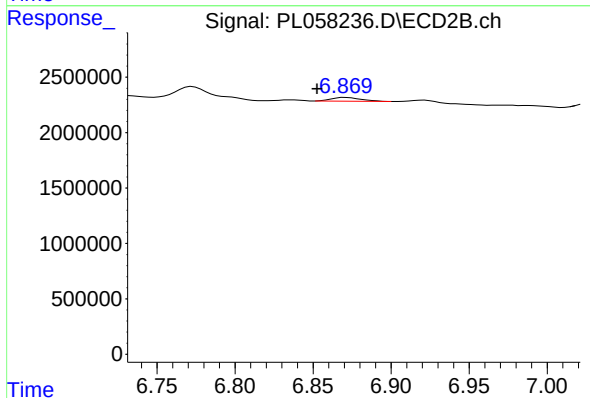




#15 Endosulfan II

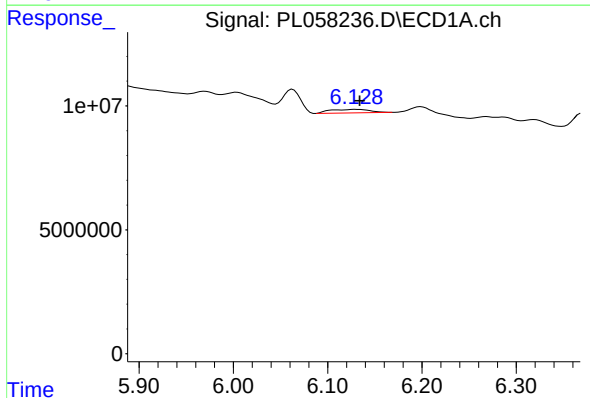
R.T.: 6.286 min  
Delta R.T.: 0.005 min  
Response: 2228566  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020



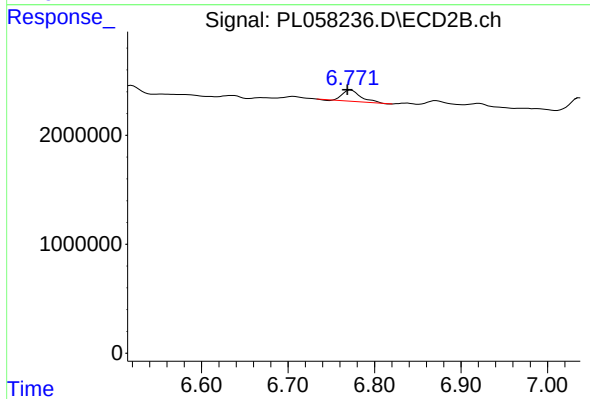
#15 Endosulfan II

R.T.: 6.871 min  
Delta R.T.: 0.018 min  
Response: 398172  
Conc: 0.15 ng/ml



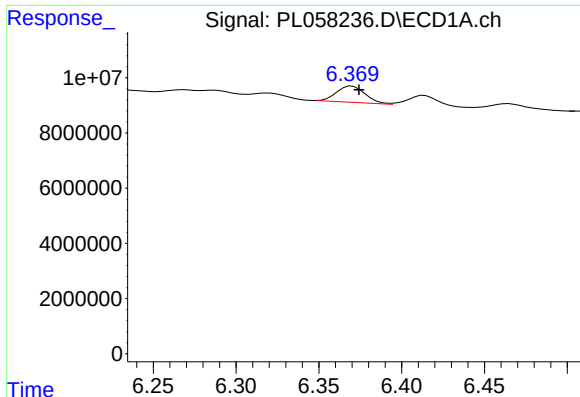
#16 4,4'-DDD

R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 4198561  
Conc: 0.42 ng/ml



#16 4,4'-DDD

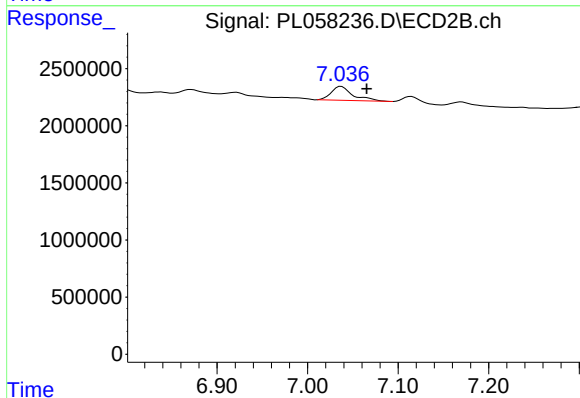
R.T.: 6.773 min  
Delta R.T.: 0.004 min  
Response: 1512595  
Conc: 0.66 ng/ml



#17 4,4'-DDT

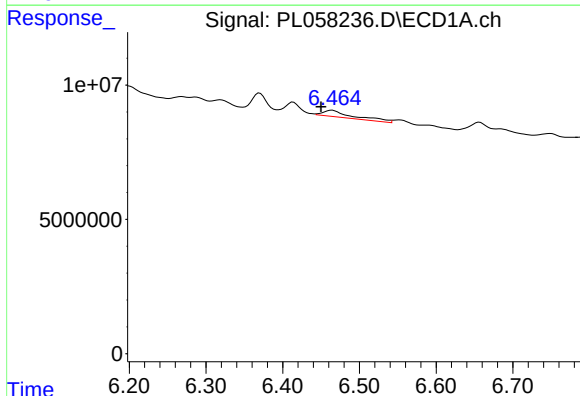
R.T.: 6.370 min  
Delta R.T.: -0.004 min  
Response: 7105820  
Conc: 0.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020



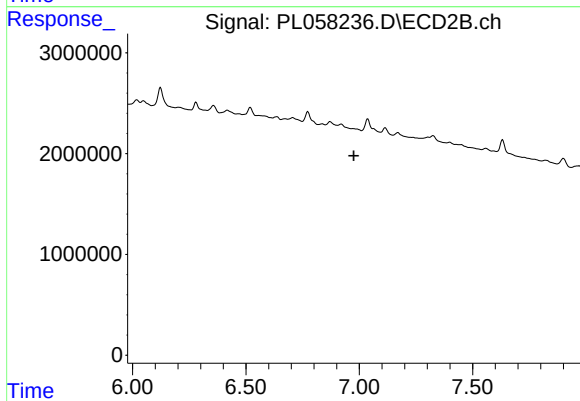
#17 4,4'-DDT

R.T.: 7.037 min  
Delta R.T.: -0.028 min  
Response: 2043332  
Conc: 0.92 ng/ml



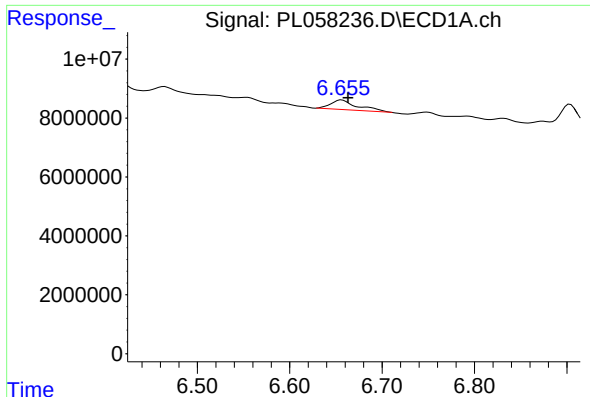
#18 Endrin aldehyde

R.T.: 6.465 min  
Delta R.T.: 0.015 min  
Response: 6929708  
Conc: 0.74 ng/ml



#18 Endrin aldehyde

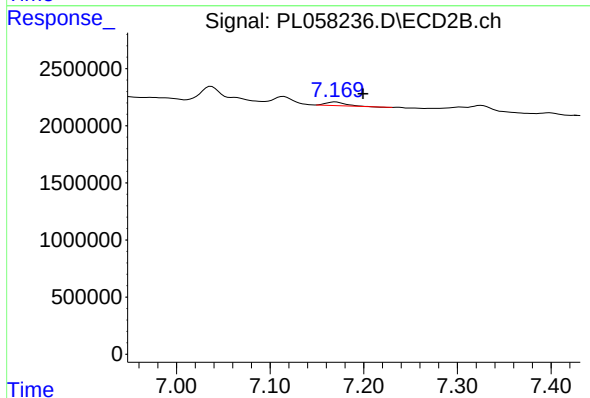
R.T.: 0.000 min  
Exp R.T.: 6.976 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

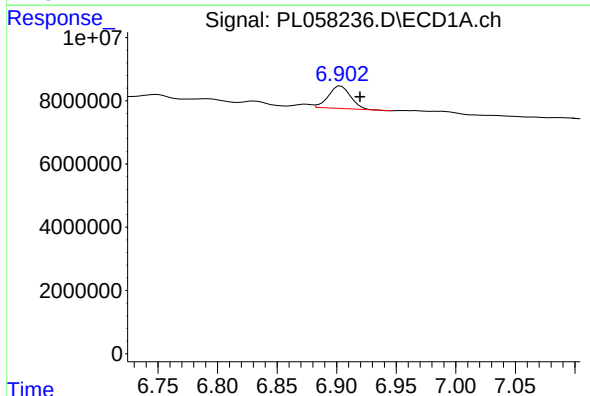
R.T.: 6.656 min  
Delta R.T.: -0.007 min  
Response: 5317826  
Conc: 0.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020



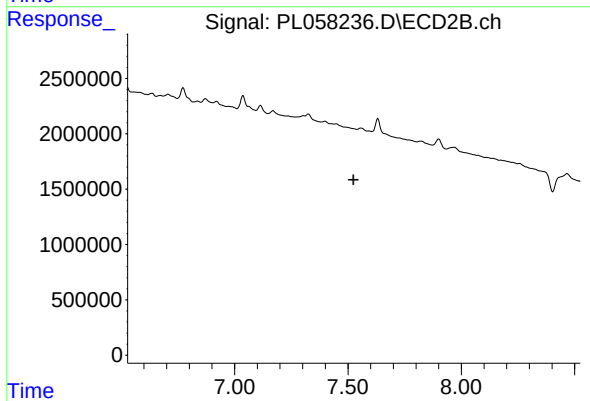
#19 Endosulfan Sulfate

R.T.: 7.170 min  
Delta R.T.: -0.029 min  
Response: 439843  
Conc: 0.19 ng/ml



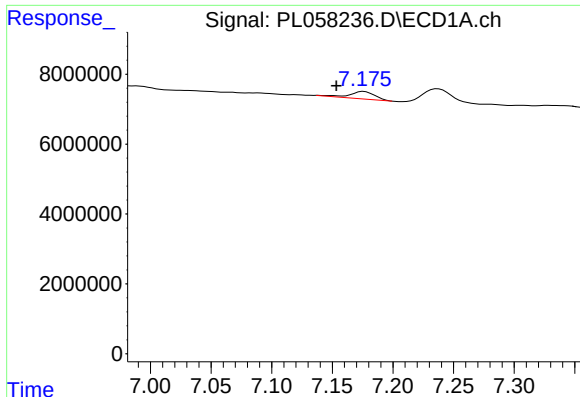
#20 Methoxychlor

R.T.: 6.904 min  
Delta R.T.: -0.016 min  
Response: 9157628  
Conc: 1.66 ng/ml



#20 Methoxychlor

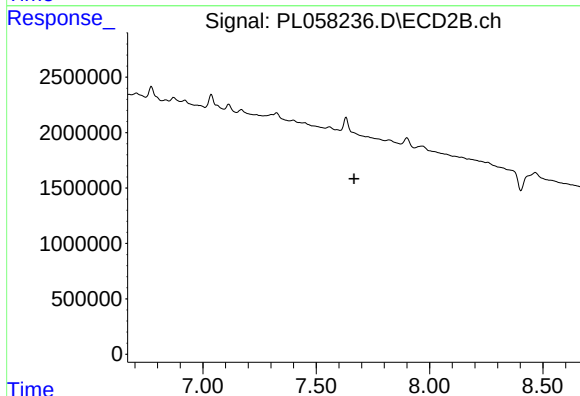
R.T.: 0.000 min  
Exp R.T.: 7.525 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

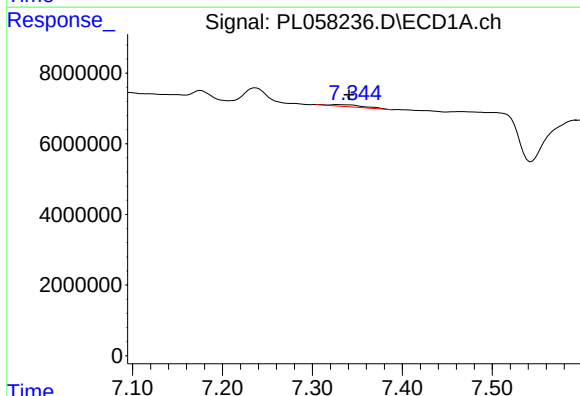
R.T.: 7.176 min  
Delta R.T.: 0.023 min  
Response: 2883068  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020



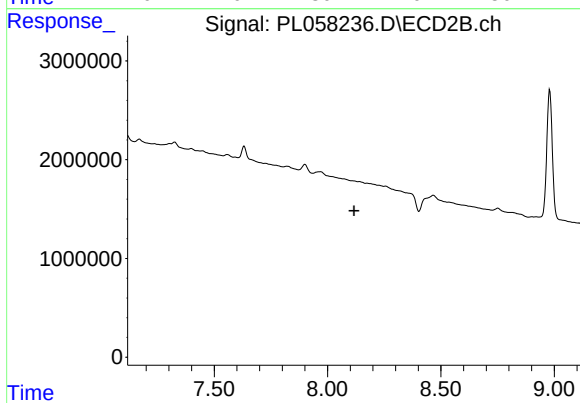
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.667 min  
Response: 0  
Conc: N.D.



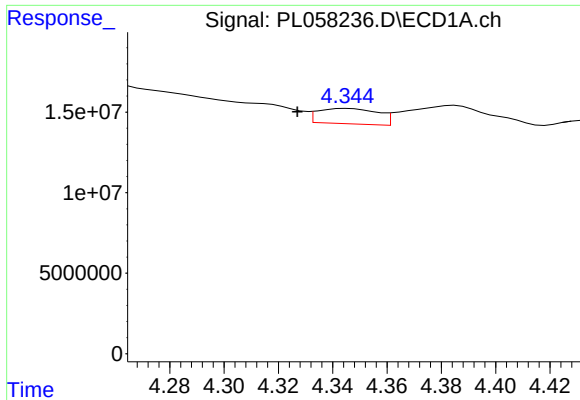
#22 Mirex

R.T.: 7.328 min  
Delta R.T.: -0.012 min  
Response: 1313468  
Conc: 0.16 ng/ml



#22 Mirex

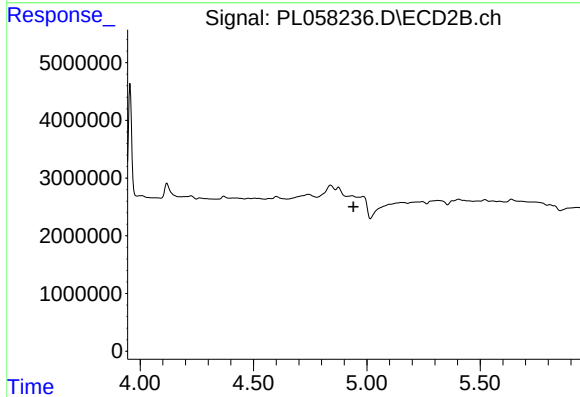
R.T.: 0.000 min  
Exp R.T. : 8.117 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

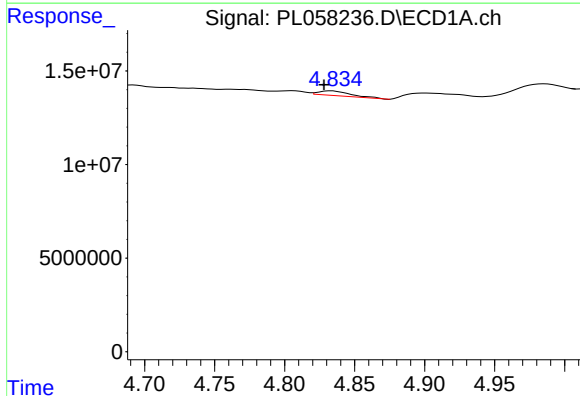
R.T.: 4.345 min  
Delta R.T.: 0.018 min  
Response: 14564185  
Conc: 39.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020



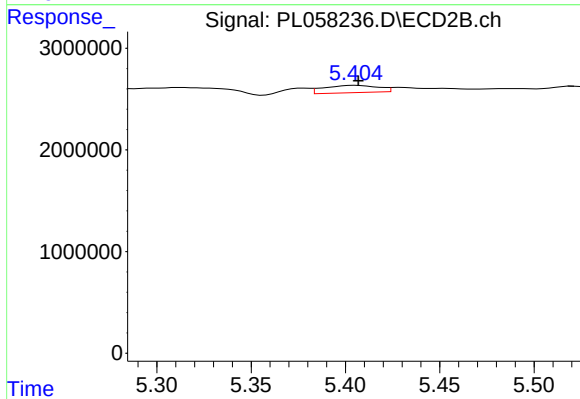
#23 Chlordane-1

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



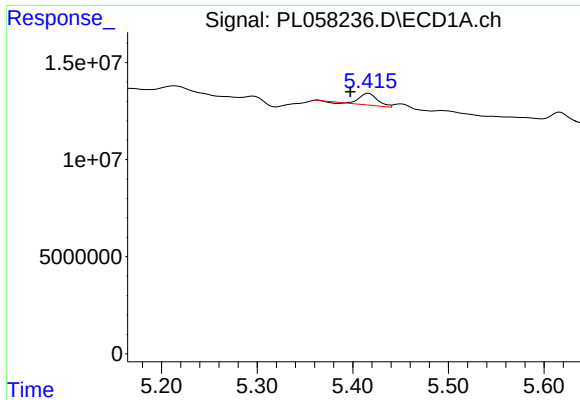
#24 Chlordane-2

R.T.: 4.834 min  
Delta R.T.: 0.006 min  
Response: 4008920  
Conc: 9.93 ng/ml



#24 Chlordane-2

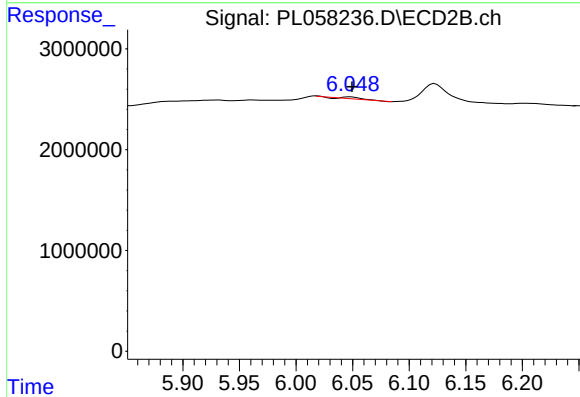
R.T.: 5.405 min  
Delta R.T.: -0.002 min  
Response: 1430430  
Conc: 13.71 ng/ml



#25 Chlordane-3

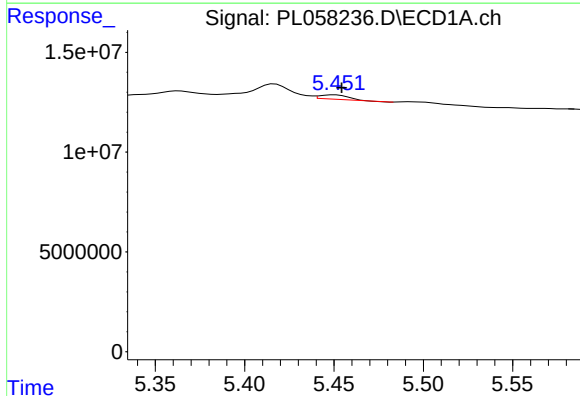
R.T.: 5.417 min  
Delta R.T.: 0.019 min  
Response: 7849895  
Conc: 6.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020



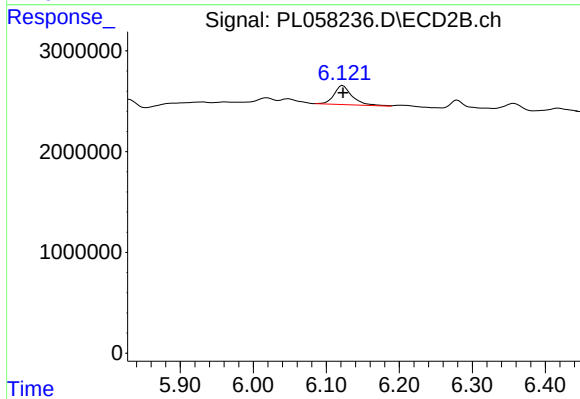
#25 Chlordane-3

R.T.: 6.048 min  
Delta R.T.: -0.002 min  
Response: 202665  
Conc: 0.47 ng/ml



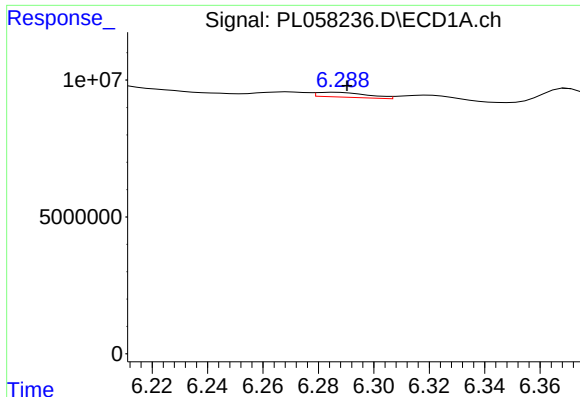
#26 Chlordane-4

R.T.: 5.451 min  
Delta R.T.: -0.003 min  
Response: 2424497  
Conc: 2.33 ng/ml



#26 Chlordane-4

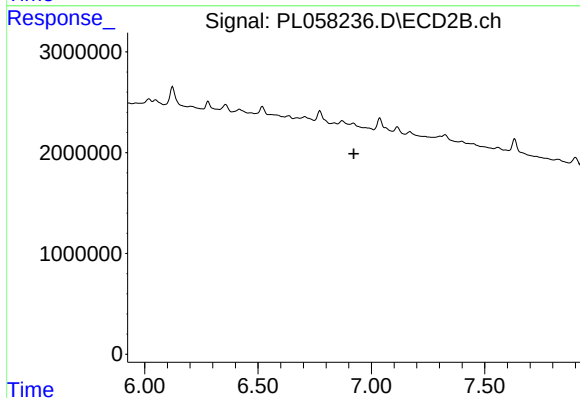
R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 3299183  
Conc: 6.28 ng/ml



#27 Chlordane-5

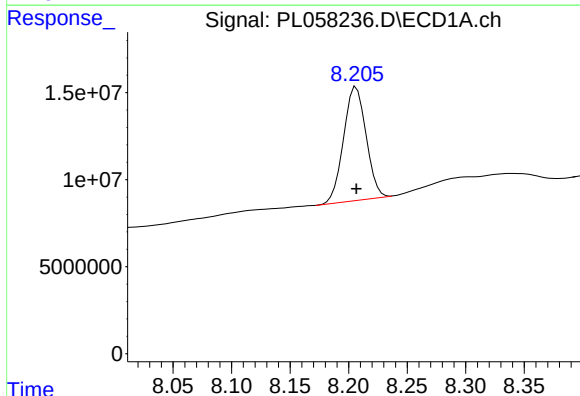
R.T.: 6.286 min  
Delta R.T.: -0.004 min  
Response: 2228566  
Conc: 5.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TR-05-042020



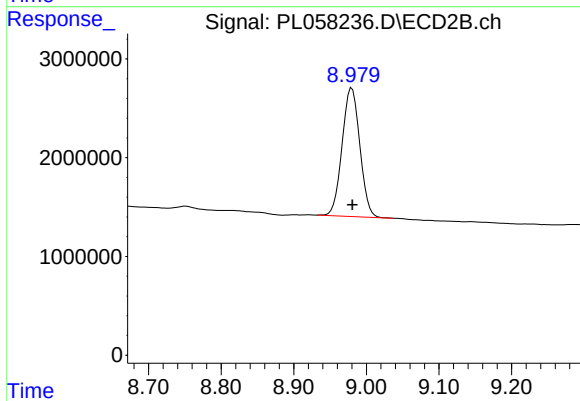
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.206 min  
Delta R.T.: 0.000 min  
Response: 87351185  
Conc: 8.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min  
Delta R.T.: 0.000 min  
Response: 22084183  
Conc: 9.89 ng/ml