

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061620\  
 Data File : PL059284.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jun 2020 14:41  
 Operator : AJ\MA  
 Sample : L3013-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 V-210

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 16 14:57:44 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 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... | 3.518  | 4.070  | 24065576 | 35993979 | 13.936 | 13.834  |
| 28)                         | SA Decachlor... | 8.287  | 9.177  | 23170833 | 35751916 | 14.091 | 15.082  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.967  | 4.488f | 587320   | 20322583 | 0.235  | 5.287 # |
| 4)                          | MA Heptachlor   | 4.550  | 5.259  | 463341   | 697610   | 0.223  | 0.202   |
| 5)                          | MB Aldrin       | 0.000  | 5.565  | 0        | 233250   | N.D.   | 0.074 # |
| 7)                          | B delta-BHC     | 0.000  | 5.169f | 0        | 1021509  | N.D.   | 0.364 # |
| 8)                          | B Heptachlo...  | 0.000  | 5.981f | 0        | 633342   | N.D.   | 0.229 # |
| 9)                          | A Endosulfan I  | 5.596  | 0.000  | 347589   | 0        | 0.222  | N.D. #  |
| 10)                         | B gamma-Chl...  | 5.492f | 6.194  | 3064064  | 2270294  | 1.830  | 0.759 # |
| 11)                         | B alpha-Chl...  | 5.528  | 6.268  | 1621045  | 5247657  | 0.972  | 1.727 # |
| 12)                         | B 4,4'-DDE      | 5.692  | 6.420  | 1925331  | 4141154  | 1.266  | 1.488   |
| 13)                         | MA Dieldrin     | 5.818f | 6.562f | 1461196  | 794347   | 0.897  | 0.272 # |
| 14)                         | MA Endrin       | 6.083  | 6.781f | 1108681  | 207496   | 0.732  | 0.083 # |
| 15)                         | B Endosulfa...  | 6.366  | 7.000  | 470453   | 1101515  | 0.304  | 0.423 # |
| 16)                         | A 4,4'-DDD      | 6.208  | 6.917  | 786687   | 1773376  | 0.595  | 0.764 # |
| 17)                         | MA 4,4'-DDT     | 6.449  | 7.211  | 3236858  | 4068902  | 2.566  | 1.787 # |
| 18)                         | B Endrin al...  | 6.543  | 7.141  | 555308   | 195709   | 0.422  | 0.086 # |
| 19)                         | B Endosulfa...  | 6.734  | 0.000  | 484828   | 0        | 0.325  | N.D. #  |
| 20)                         | A Methoxychlor  | 6.979f | 0.000  | 453276   | 0        | 0.590  | N.D. #  |
| 21)                         | B Endrin ke...  | 7.256f | 7.817  | 591434   | 370964   | 0.341  | 0.141 # |
| 22)                         | Mirex           | 7.428  | 8.275  | 188182   | 293143   | 0.136  | 0.149   |
| 23)                         | Chlordane-1     | 4.398  | 5.107f | 713965   | 1348301  | 14.194 | 13.345  |
| 24)                         | Chlordane-2     | 4.901  | 5.542  | 358943   | 475076   | 6.879  | 4.979 # |
| 25)                         | Chlordane-3     | 5.492f | 6.194  | 3064064  | 2270294  | 20.736 | 6.054 # |
| 26)                         | Chlordane-4     | 5.528  | 6.268  | 1621045  | 5247657  | 13.513 | 11.532  |
| 27)                         | Chlordane-5     | 6.366  | 7.075  | 470453   | 719945   | 9.454  | 9.097   |
| -----                       |                 |        |        |          |          |        |         |

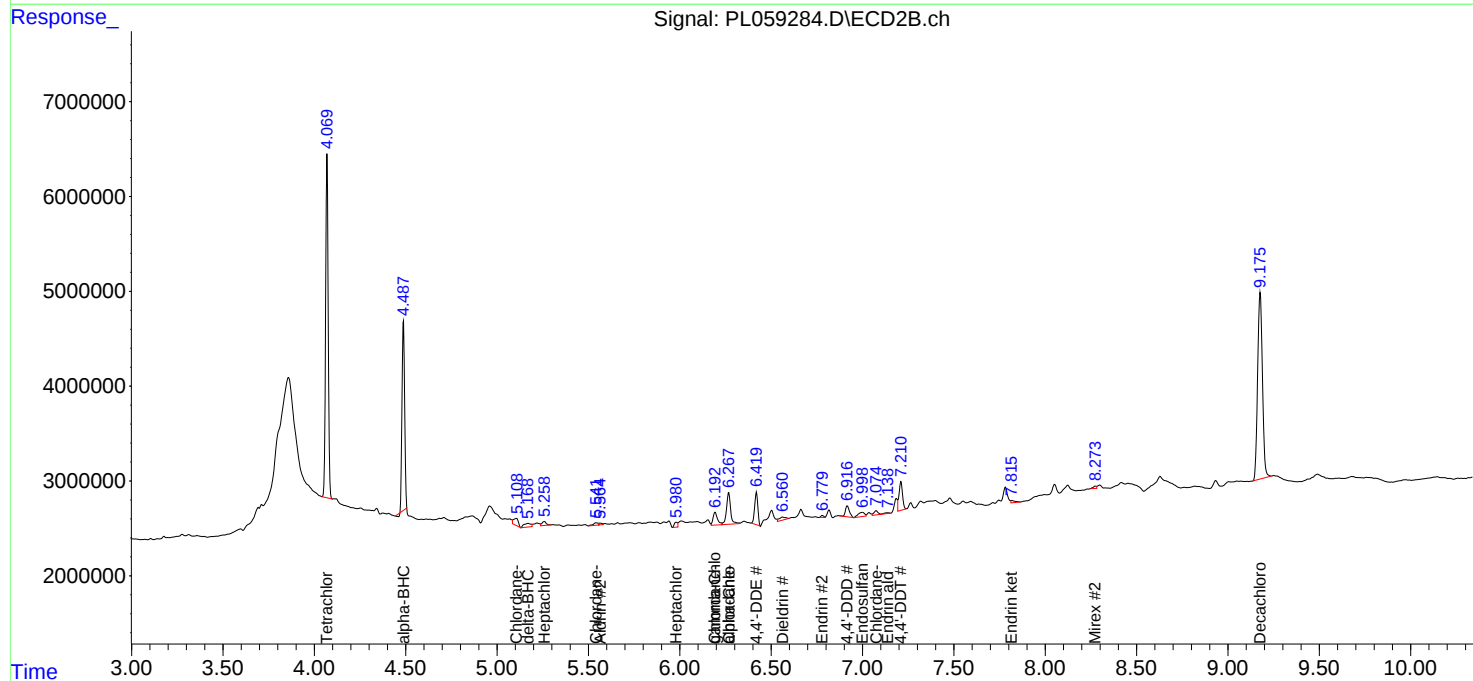
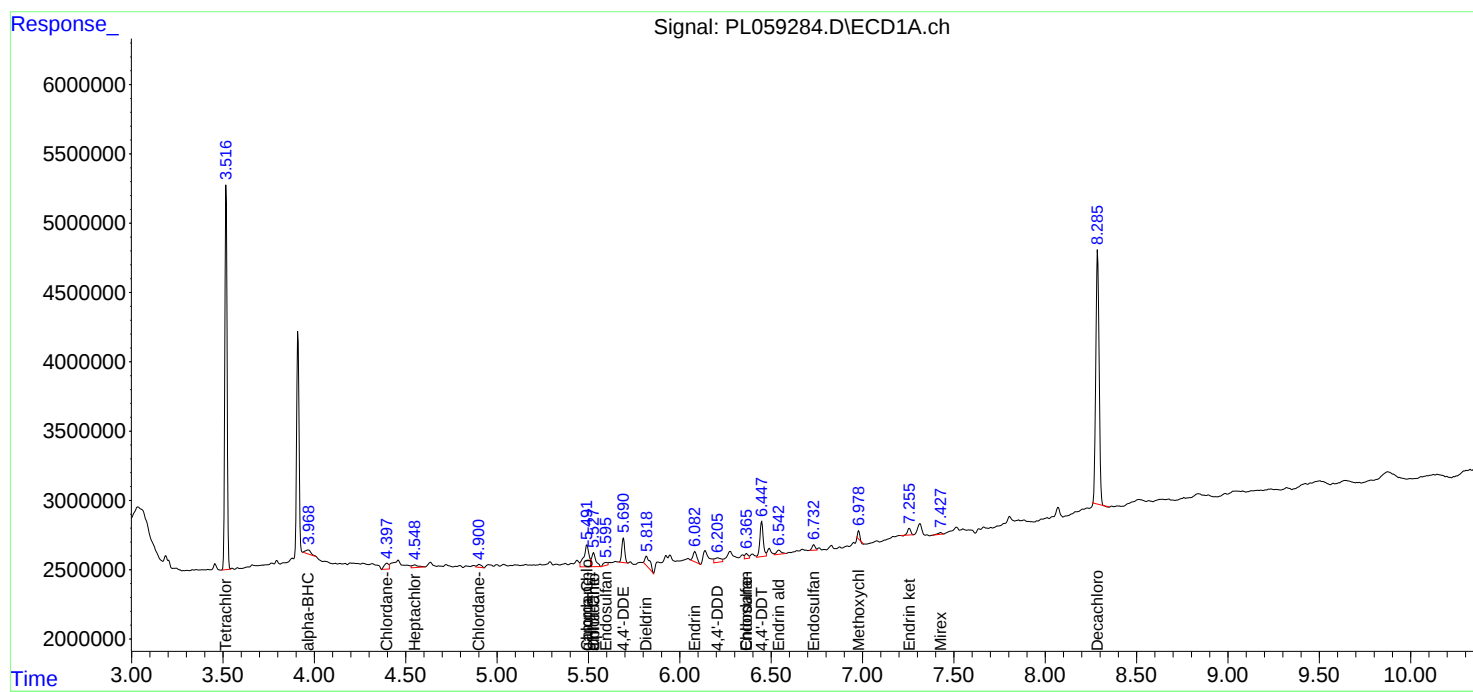
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

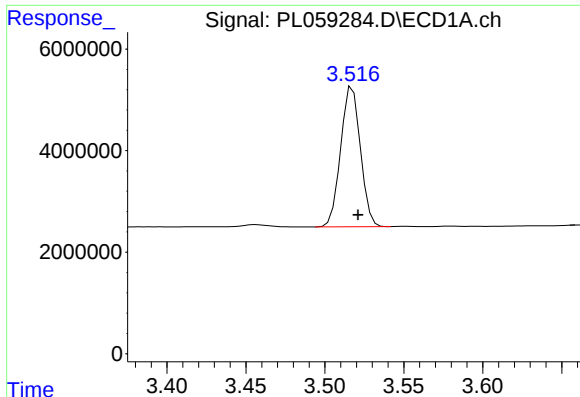
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061620\  
Data File : PL059284.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jun 2020 14:41  
Operator : AJ\MA  
Sample : L3013-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
V-210

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 16 14:57:44 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 04 08:16:22 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

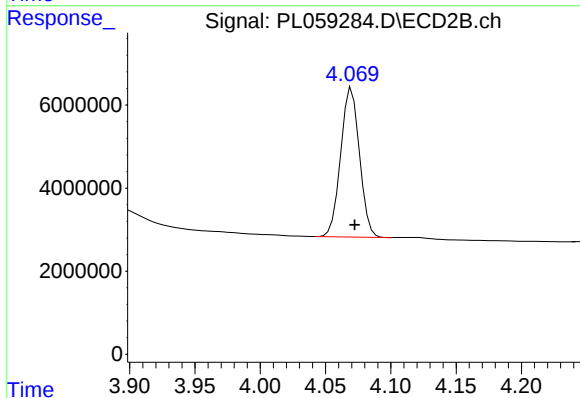




#1 Tetrachloro-m-xylene

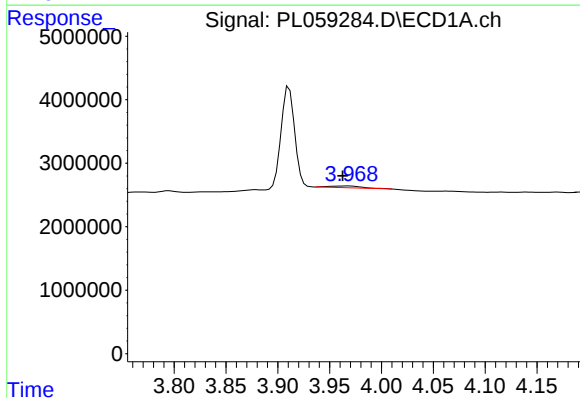
R.T.: 3.518 min  
Delta R.T.: -0.003 min  
Response: 24065576  
Conc: 13.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
V-210



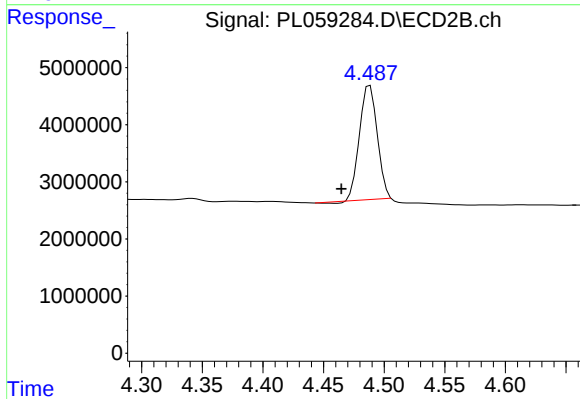
#1 Tetrachloro-m-xylene

R.T.: 4.070 min  
Delta R.T.: -0.002 min  
Response: 35993979  
Conc: 13.83 ng/ml



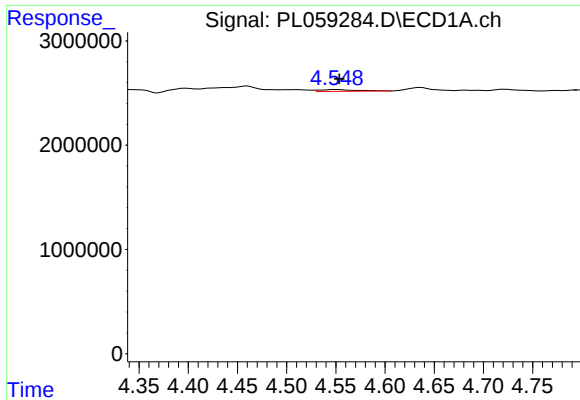
#2 alpha-BHC

R.T.: 3.967 min  
Delta R.T.: 0.005 min  
Response: 587320  
Conc: 0.23 ng/ml



#2 alpha-BHC

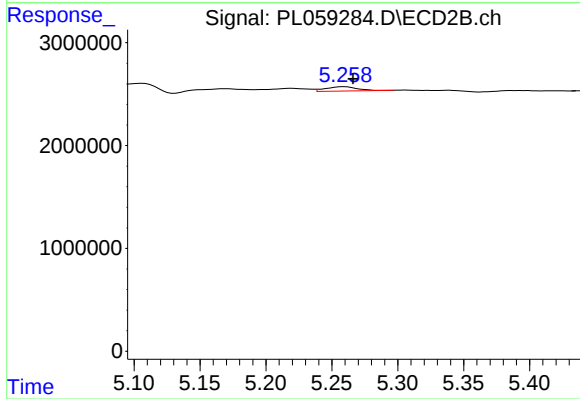
R.T.: 4.488 min  
Delta R.T.: 0.023 min  
Response: 20322583  
Conc: 5.29 ng/ml



#4 Heptachlor

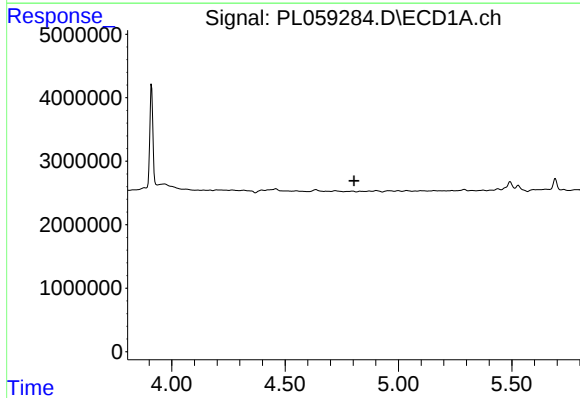
R.T.: 4.550 min  
Delta R.T.: -0.003 min  
Response: 463341  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
V-210



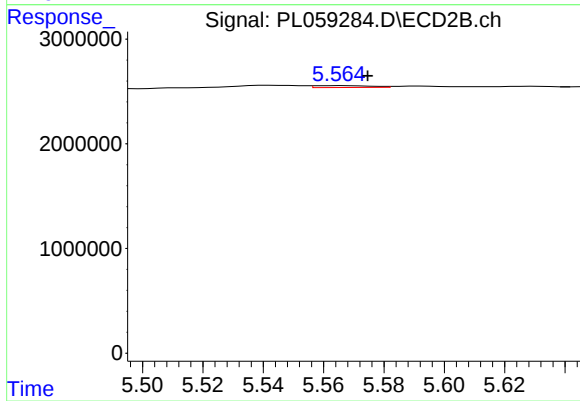
#4 Heptachlor

R.T.: 5.259 min  
Delta R.T.: -0.007 min  
Response: 697610  
Conc: 0.20 ng/ml



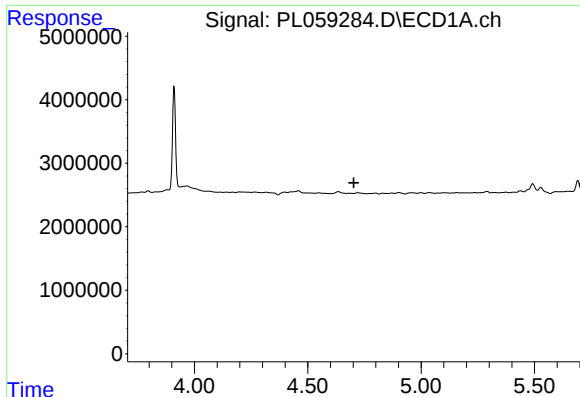
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.804 min  
Response: 0  
Conc: N.D.



#5 Aldrin

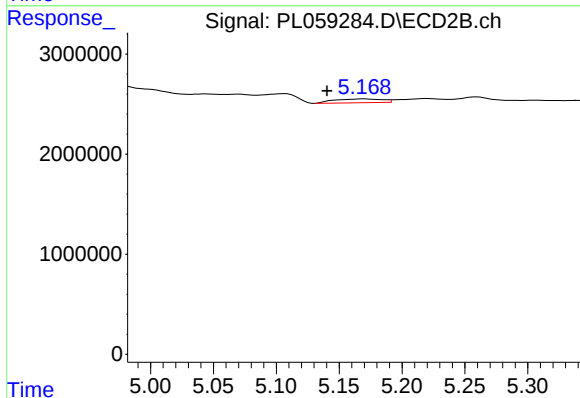
R.T.: 5.565 min  
Delta R.T.: -0.010 min  
Response: 233250  
Conc: 0.07 ng/ml



#7 delta-BHC

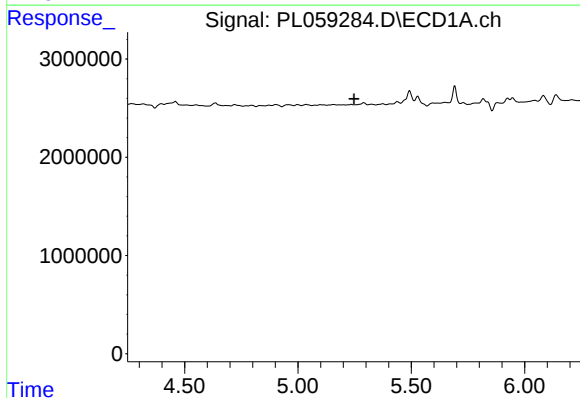
R.T.: 0.000 min  
Exp R.T.: 4.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
V-210



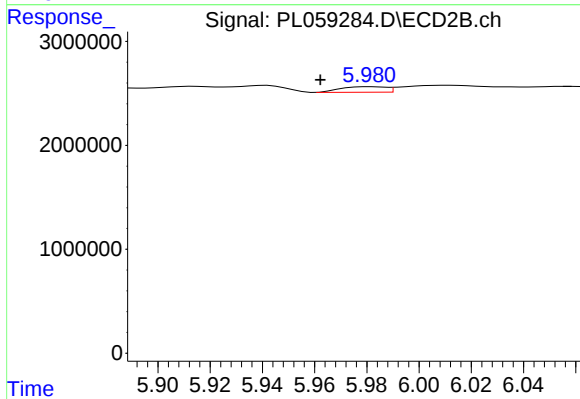
#7 delta-BHC

R.T.: 5.169 min  
Delta R.T.: 0.029 min  
Response: 1021509  
Conc: 0.36 ng/ml



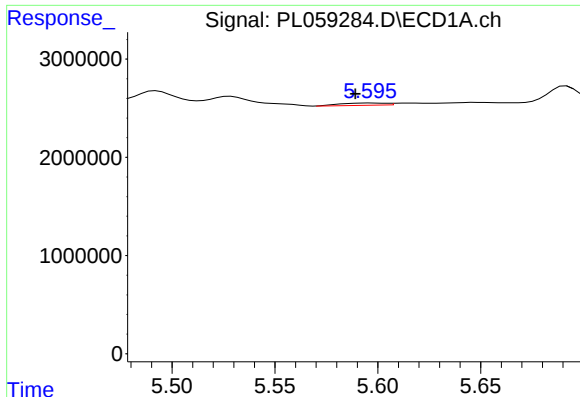
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.248 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

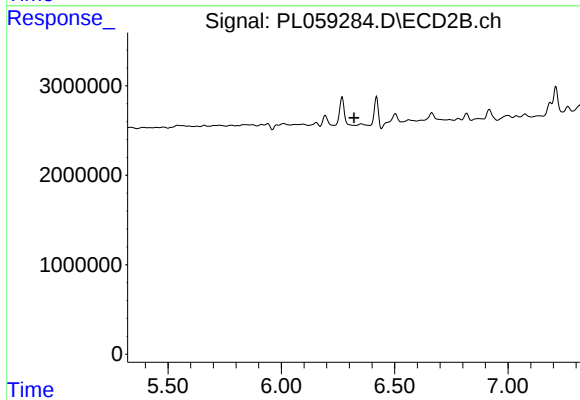
R.T.: 5.981 min  
Delta R.T.: 0.019 min  
Response: 633342  
Conc: 0.23 ng/ml



#9 Endosulfan I

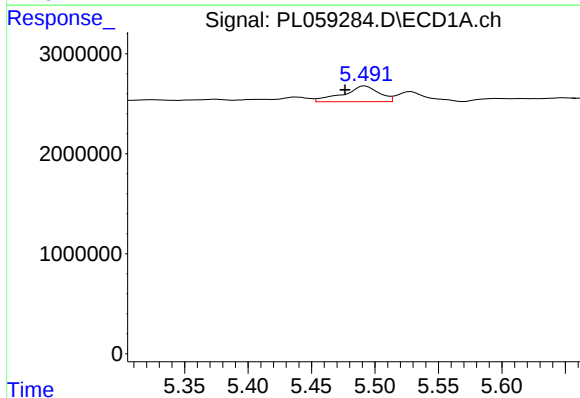
R.T.: 5.596 min  
Delta R.T.: 0.007 min  
Response: 347589  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
V-210



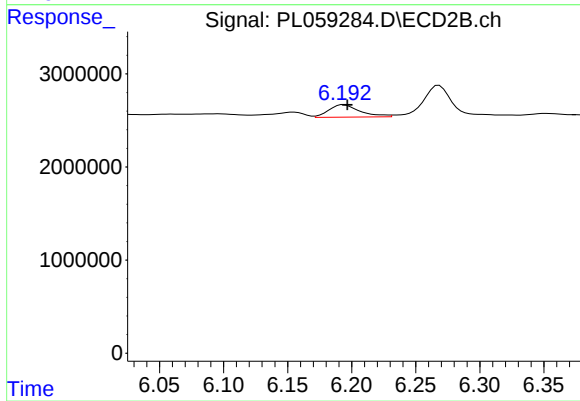
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.321 min  
Response: 0  
Conc: N.D.



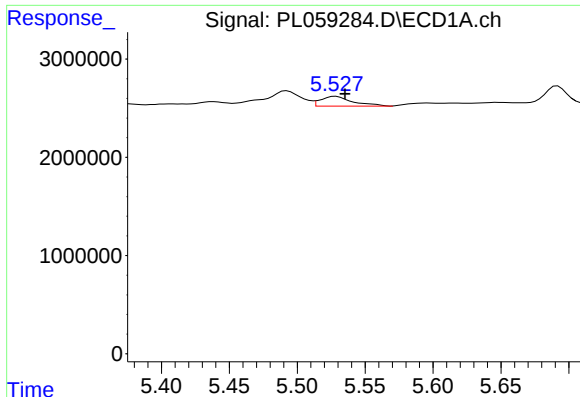
#10 gamma-Chlordane

R.T.: 5.492 min  
Delta R.T.: 0.016 min  
Response: 3064064  
Conc: 1.83 ng/ml



#10 gamma-Chlordane

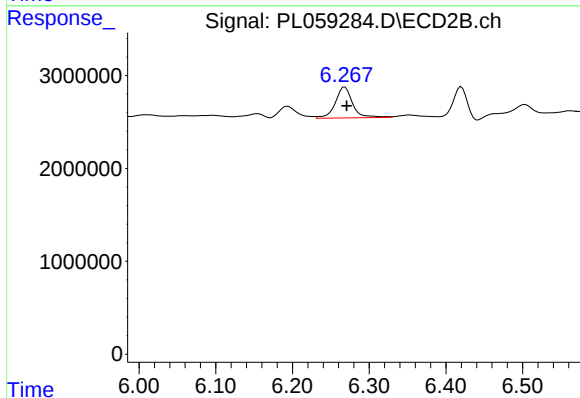
R.T.: 6.194 min  
Delta R.T.: -0.003 min  
Response: 2270294  
Conc: 0.76 ng/ml



#11 alpha-Chlordane

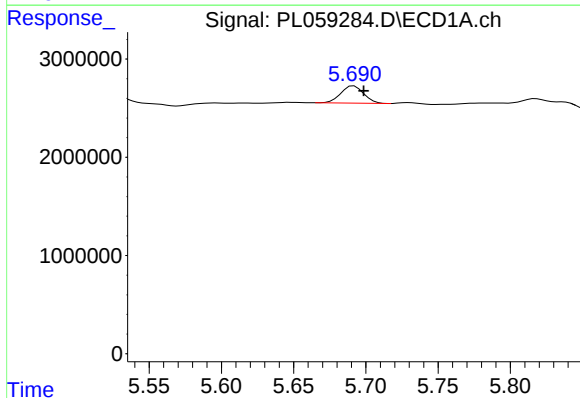
R.T.: 5.528 min  
Delta R.T.: -0.007 min  
Response: 1621045  
Conc: 0.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
V-210



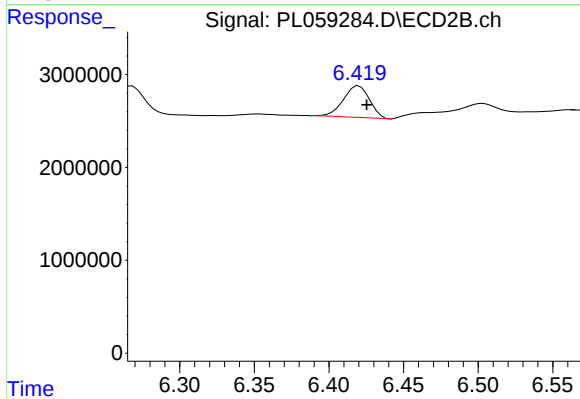
#11 alpha-Chlordane

R.T.: 6.268 min  
Delta R.T.: -0.002 min  
Response: 5247657  
Conc: 1.73 ng/ml



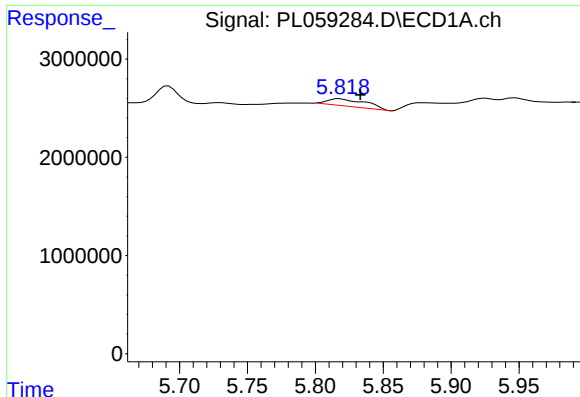
#12 4,4'-DDE

R.T.: 5.692 min  
Delta R.T.: -0.007 min  
Response: 1925331  
Conc: 1.27 ng/ml



#12 4,4'-DDE

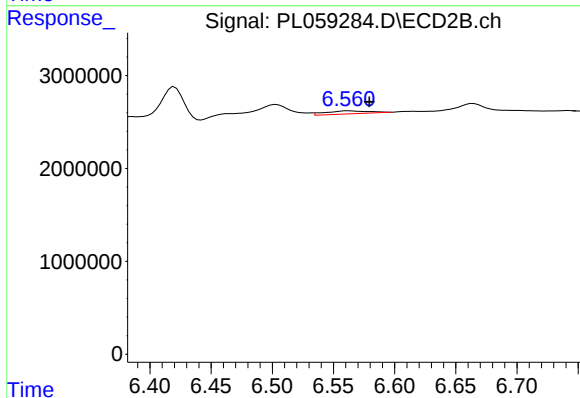
R.T.: 6.420 min  
Delta R.T.: -0.005 min  
Response: 4141154  
Conc: 1.49 ng/ml



#13 Dieldrin

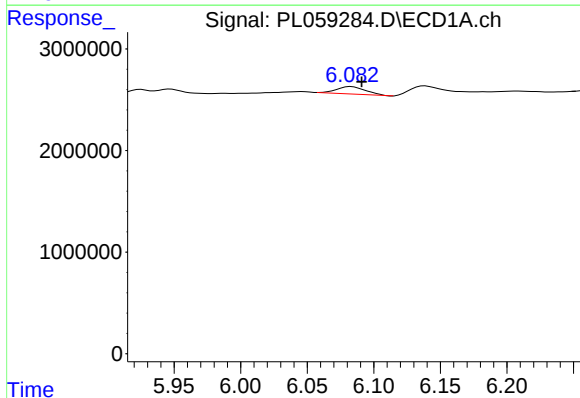
R.T.: 5.818 min  
Delta R.T.: -0.015 min  
Response: 1461196  
Conc: 0.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
V-210



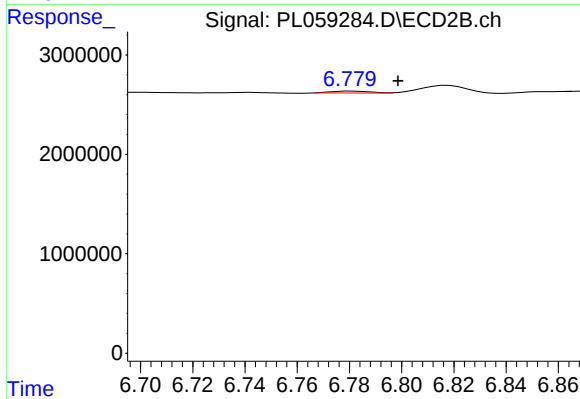
#13 Dieldrin

R.T.: 6.562 min  
Delta R.T.: -0.017 min  
Response: 794347  
Conc: 0.27 ng/ml



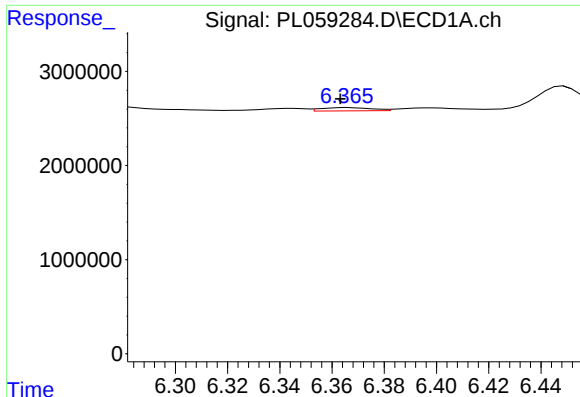
#14 Endrin

R.T.: 6.083 min  
Delta R.T.: -0.008 min  
Response: 1108681  
Conc: 0.73 ng/ml



#14 Endrin

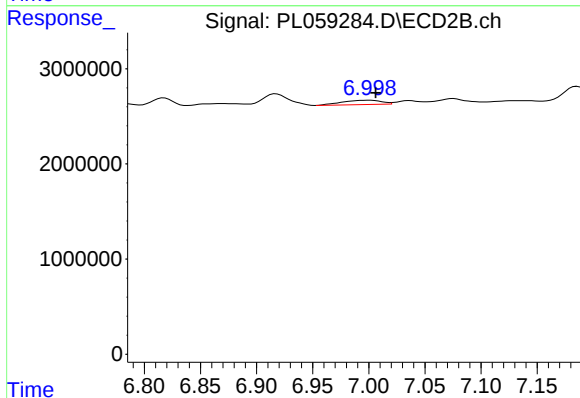
R.T.: 6.781 min  
Delta R.T.: -0.018 min  
Response: 207496  
Conc: 0.08 ng/ml



#15 Endosulfan II

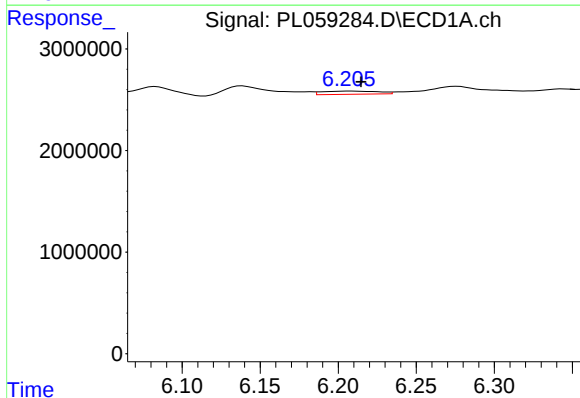
R.T.: 6.366 min  
Delta R.T.: 0.003 min  
Response: 470453  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
V-210



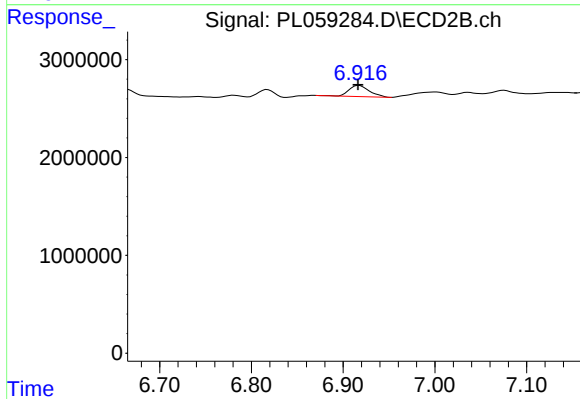
#15 Endosulfan II

R.T.: 7.000 min  
Delta R.T.: -0.006 min  
Response: 1101515  
Conc: 0.42 ng/ml



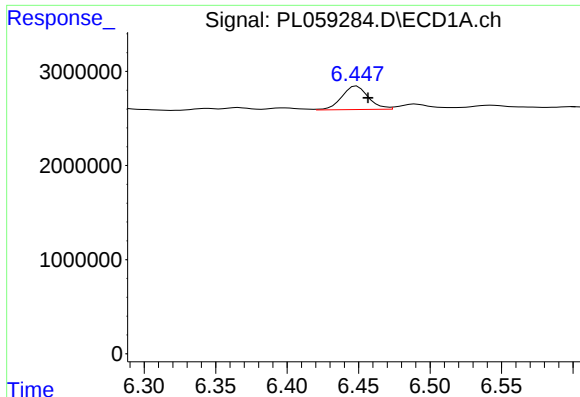
#16 4,4'-DDD

R.T.: 6.208 min  
Delta R.T.: -0.007 min  
Response: 786687  
Conc: 0.60 ng/ml



#16 4,4'-DDD

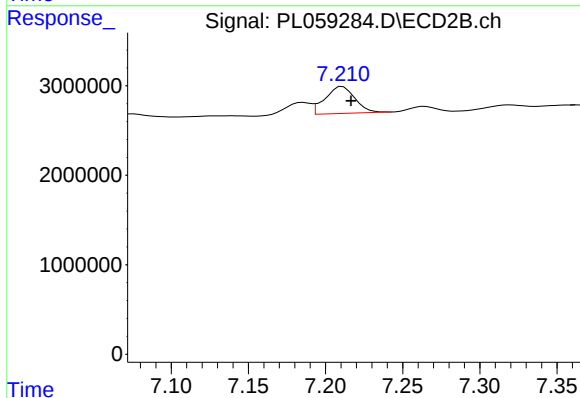
R.T.: 6.917 min  
Delta R.T.: 0.001 min  
Response: 1773376  
Conc: 0.76 ng/ml



#17 4,4'-DDT

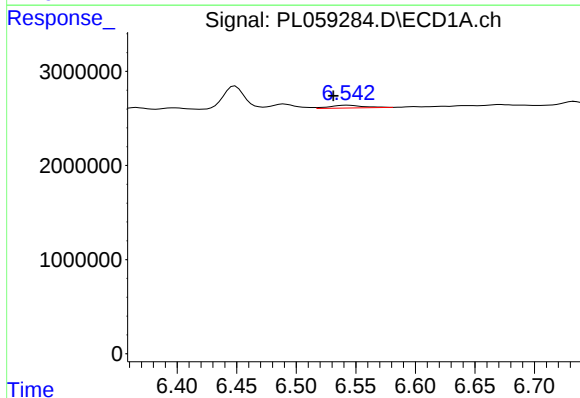
R.T.: 6.449 min  
Delta R.T.: -0.008 min  
Response: 3236858  
Conc: 2.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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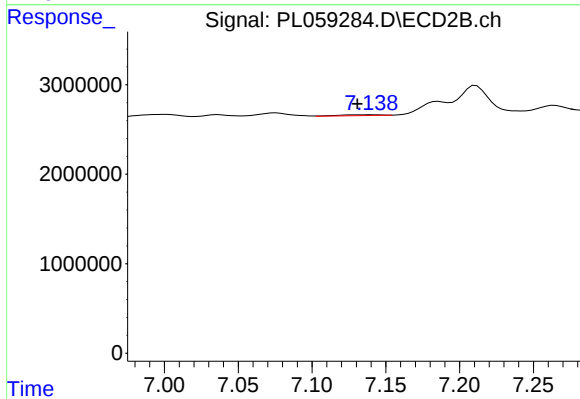
#17 4,4'-DDT

R.T.: 7.211 min  
Delta R.T.: -0.006 min  
Response: 4068902  
Conc: 1.79 ng/ml



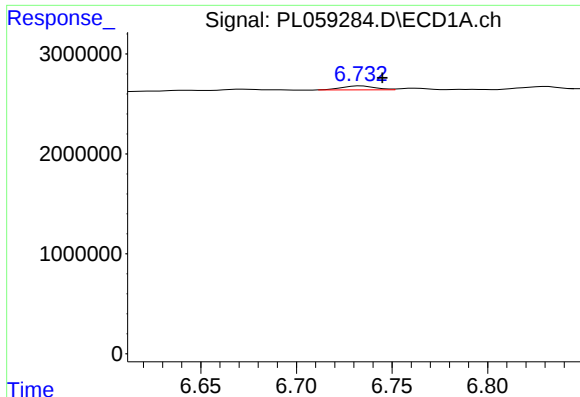
#18 Endrin aldehyde

R.T.: 6.543 min  
Delta R.T.: 0.012 min  
Response: 555308  
Conc: 0.42 ng/ml



#18 Endrin aldehyde

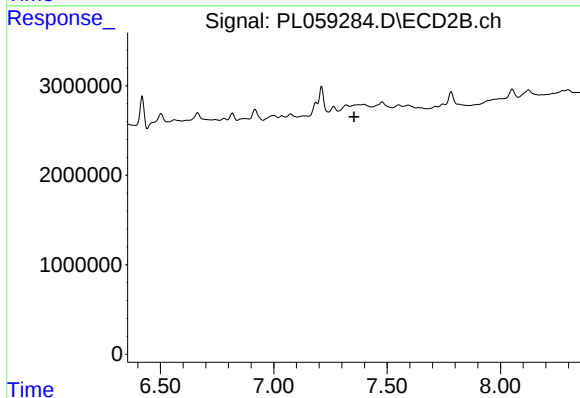
R.T.: 7.141 min  
Delta R.T.: 0.010 min  
Response: 195709  
Conc: 0.09 ng/ml



#19 Endosulfan Sulfate

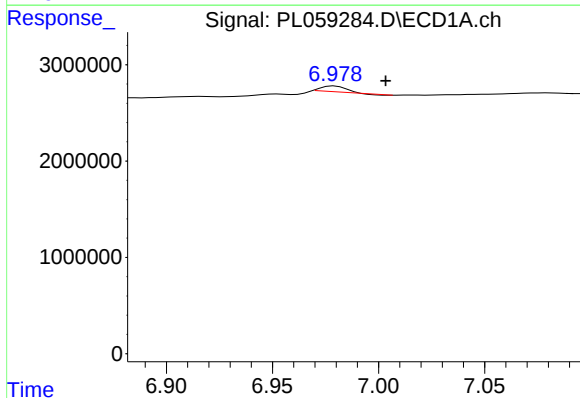
R.T.: 6.734 min  
Delta R.T.: -0.011 min  
Response: 484828  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
V-210



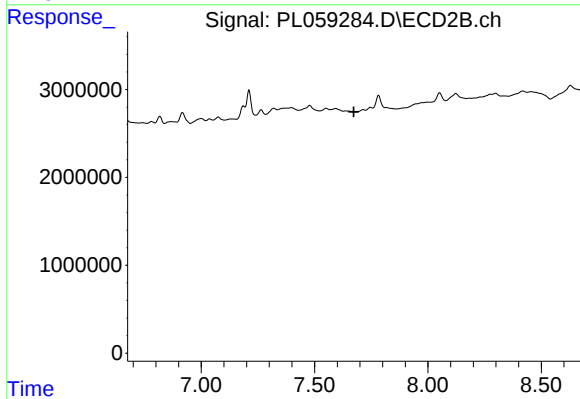
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.354 min  
Response: 0  
Conc: N.D.



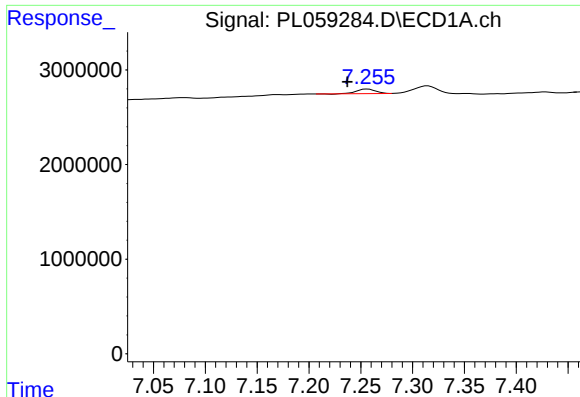
#20 Methoxychlor

R.T.: 6.979 min  
Delta R.T.: -0.024 min  
Response: 453276  
Conc: 0.59 ng/ml



#20 Methoxychlor

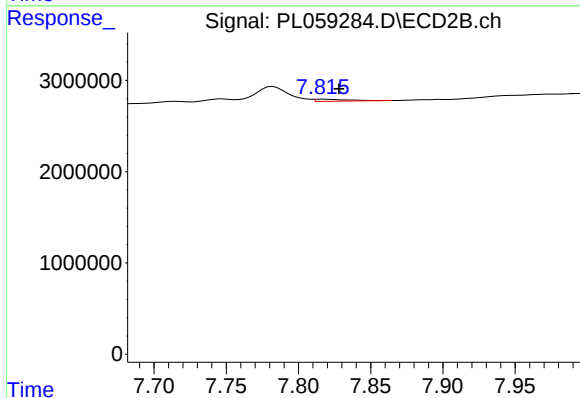
R.T.: 0.000 min  
Exp R.T. : 7.673 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

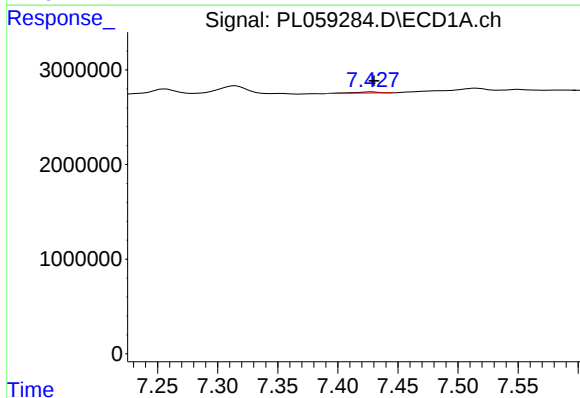
R.T.: 7.256 min  
Delta R.T.: 0.019 min  
Response: 591434  
Conc: 0.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
V-210



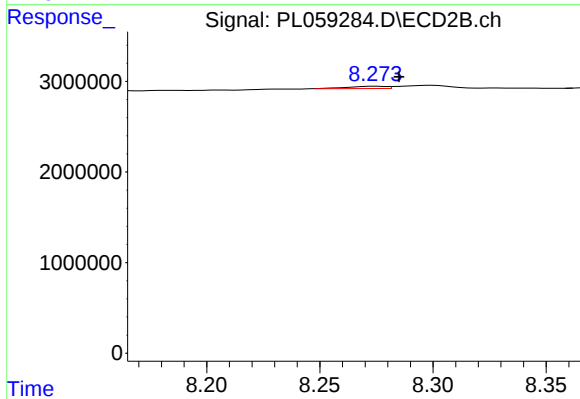
#21 Endrin ketone

R.T.: 7.817 min  
Delta R.T.: -0.011 min  
Response: 370964  
Conc: 0.14 ng/ml



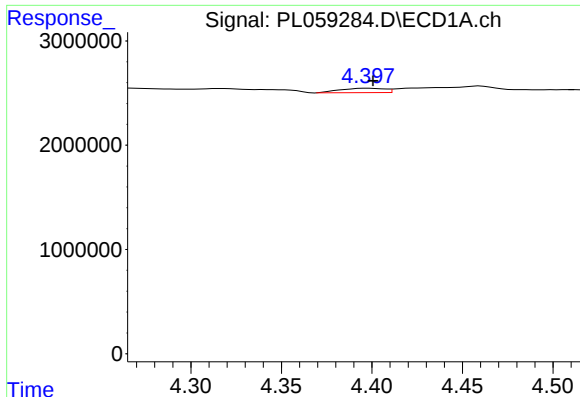
#22 Mirex

R.T.: 7.428 min  
Delta R.T.: -0.002 min  
Response: 188182  
Conc: 0.14 ng/ml



#22 Mirex

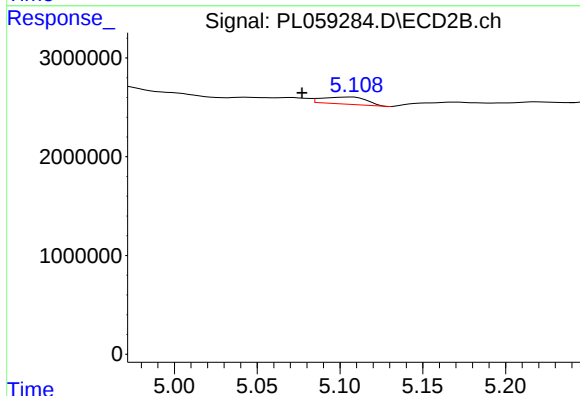
R.T.: 8.275 min  
Delta R.T.: -0.010 min  
Response: 293143  
Conc: 0.15 ng/ml



#23 Chlordane-1

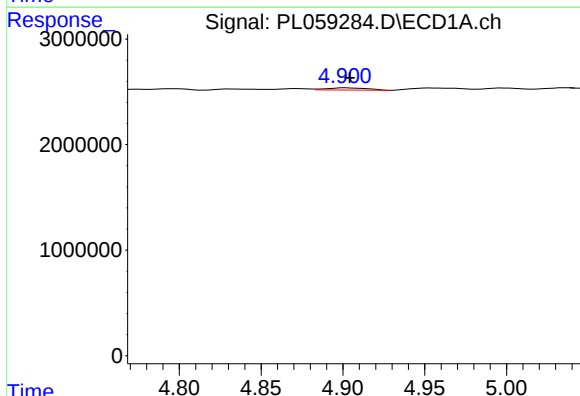
R.T.: 4.398 min  
Delta R.T.: -0.003 min  
Response: 713965  
Conc: 14.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
V-210



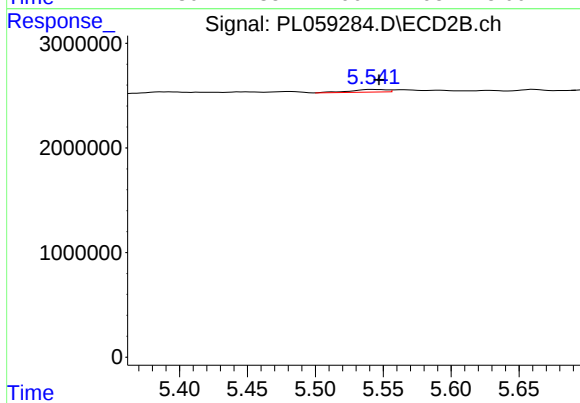
#23 Chlordane-1

R.T.: 5.107 min  
Delta R.T.: 0.030 min  
Response: 1348301  
Conc: 13.35 ng/ml



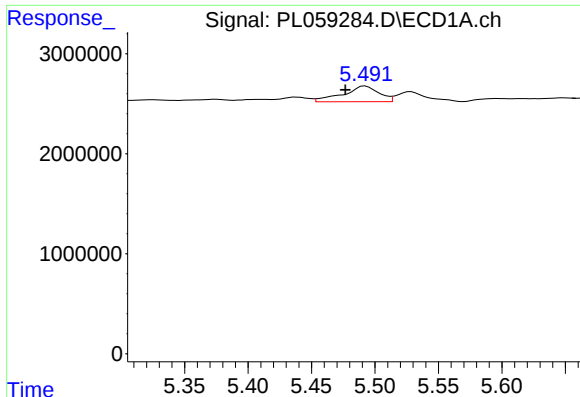
#24 Chlordane-2

R.T.: 4.901 min  
Delta R.T.: -0.003 min  
Response: 358943  
Conc: 6.88 ng/ml



#24 Chlordane-2

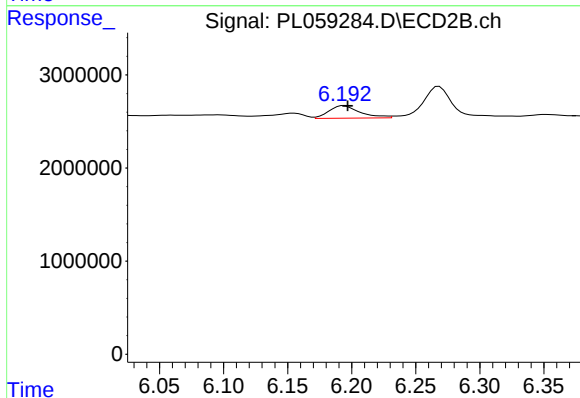
R.T.: 5.542 min  
Delta R.T.: -0.005 min  
Response: 475076  
Conc: 4.98 ng/ml



#25 Chlordane-3

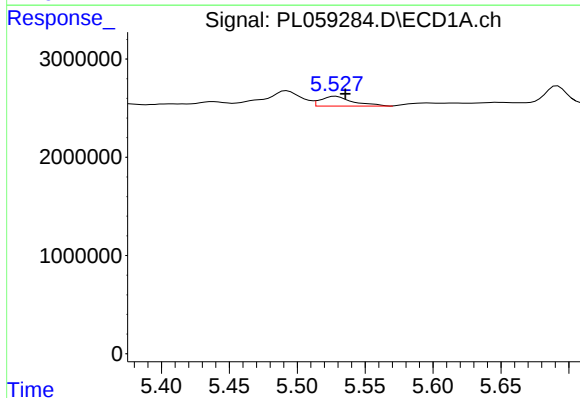
R.T.: 5.492 min  
Delta R.T.: 0.016 min  
Response: 3064064  
Conc: 20.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
V-210



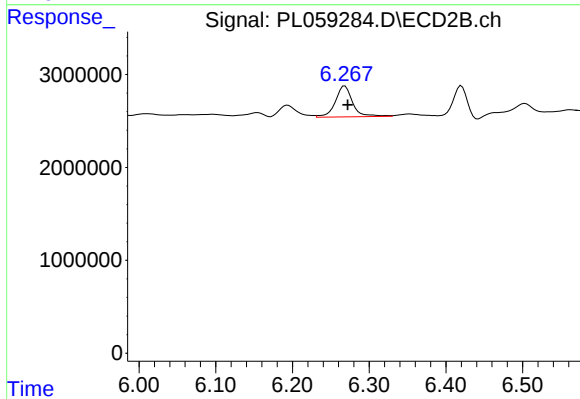
#25 Chlordane-3

R.T.: 6.194 min  
Delta R.T.: -0.003 min  
Response: 2270294  
Conc: 6.05 ng/ml



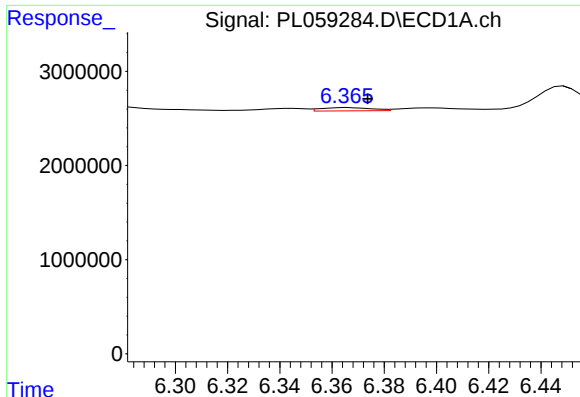
#26 Chlordane-4

R.T.: 5.528 min  
Delta R.T.: -0.007 min  
Response: 1621045  
Conc: 13.51 ng/ml



#26 Chlordane-4

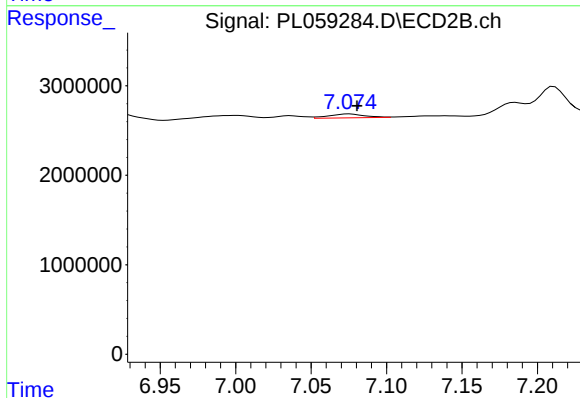
R.T.: 6.268 min  
Delta R.T.: -0.004 min  
Response: 5247657  
Conc: 11.53 ng/ml



#27 Chlordane-5

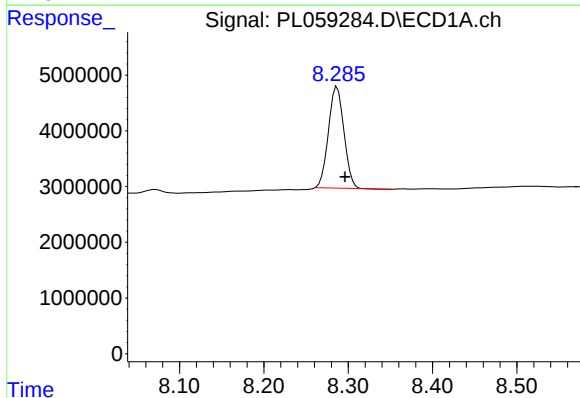
R.T.: 6.366 min  
Delta R.T.: -0.008 min  
Response: 470453  
Conc: 9.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
V-210



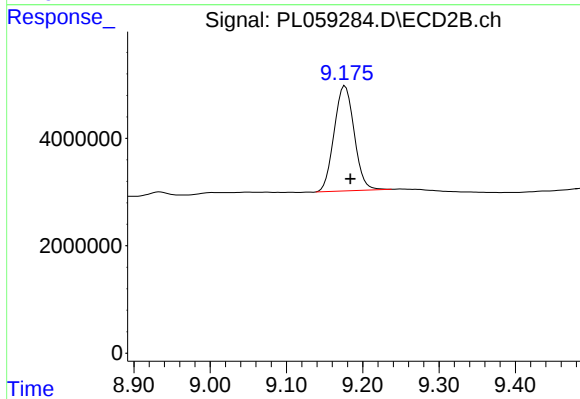
#27 Chlordane-5

R.T.: 7.075 min  
Delta R.T.: -0.005 min  
Response: 719945  
Conc: 9.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.287 min  
Delta R.T.: -0.010 min  
Response: 23170833  
Conc: 14.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.177 min  
Delta R.T.: -0.007 min  
Response: 35751916  
Conc: 15.08 ng/ml