

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080618\  
 Data File : PL038984.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Aug 2018 04:19  
 Operator : AJ\SJ  
 Sample : J4347-01  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 07 06:03:50 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|---------|
| -----                       |                 |        |        |          |          |        |         |
| System Monitoring Compounds |                 |        |        |          |          |        |         |
| 1)                          | SA Tetrachlo... | 3.323  | 3.927  | 188.4E6  | 75785519 | 25.305 | 28.871  |
| 28)                         | SA Decachlor... | 7.990  | 8.935  | 158.6E6  | 63410240 | 20.910 | 25.941  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.709f | 4.274f | 490587   | 1221191  | 0.042  | 0.316 # |
| 3)                          | MA gamma-BHC... | 4.080f | 4.562f | 76875150 | 1771952  | 7.333  | 0.491 # |
| 4)                          | MA Heptachlor   | 4.279f | 5.103  | 79486685 | 404982   | 7.472  | 0.127 # |
| 5)                          | MB Aldrin       | 4.605f | 5.426  | 1541357  | -60707   | 0.147  | N.D. #  |
| 6)                          | B beta-BHC      | 4.279  | 4.739  | 79486685 | 2348475  | 16.839 | 1.548 # |
| 8)                          | B Heptachlo...  | 5.061f | 5.772  | 23834803 | 108736   | 2.528  | 0.038 # |
| 9)                          | A Endosulfan I  | 5.352  | 6.159  | 6315007  | 3223505  | 0.730  | 1.253 # |
| 10)                         | B gamma-Chl...  | 5.230  | 6.011  | 31590395 | -960549  | 3.196  | N.D. #  |
| 11)                         | B alpha-Chl...  | 5.264  | 6.087  | 23024568 | 2981946  | 2.432  | 1.040 # |
| 12)                         | B 4,4'-DDE      | 5.434  | 6.239  | 32482470 | 10228683 | 3.388  | 3.825   |
| 13)                         | MA Dieldrin     | 5.557  | 6.384  | 26863247 | 3723844  | 2.795  | 1.368 # |
| 14)                         | MA Endrin       | 5.780f | 6.595  | 1138831  | 1825478  | 0.131  | 0.764 # |
| 16)                         | A 4,4'-DDD      | 6.002f | 6.733  | 14751632 | 5884640  | 2.011  | 2.749 # |
| 17)                         | MA 4,4'-DDT     | 6.178  | 7.021  | 75707040 | 24794675 | 10.191 | 11.630  |
| 18)                         | B Endrin al...  | 6.216f | 6.931  | 12096047 | 240840   | 1.900  | 0.123 # |
| 19)                         | B Endosulfa...  | 6.482  | 7.136  | 201.6E6  | 2242162  | 26.685 | 1.029 # |
| 20)                         | A Methoxychlor  | 6.763  | 7.451  | 4507688  | 344719   | 1.172  | 0.303 # |
| 21)                         | B Endrin ke...  | 6.972  | 7.590  | 9981948  | 6986094  | 1.272  | 2.931 # |
| 23)                         | Chlordane-1     | 4.237  | 4.981  | 10411918 | -848673  | 30.070 | N.D. #  |
| 24)                         | Chlordane-2     | 4.718  | 5.426  | 4524146  | -60707   | 12.224 | N.D. #  |
| 25)                         | Chlordane-3     | 5.230  | 6.011  | 31590395 | -960549  | 27.155 | N.D. #  |
| 26)                         | Chlordane-4     | 5.264  | 6.087  | 23024568 | 2981946  | 21.899 | 6.069 # |
| 27)                         | Chlordane-5     | 5.871  | 6.931  | 8795629  | 240840   | 54.927 | 2.689 # |
| -----                       |                 |        |        |          |          |        |         |

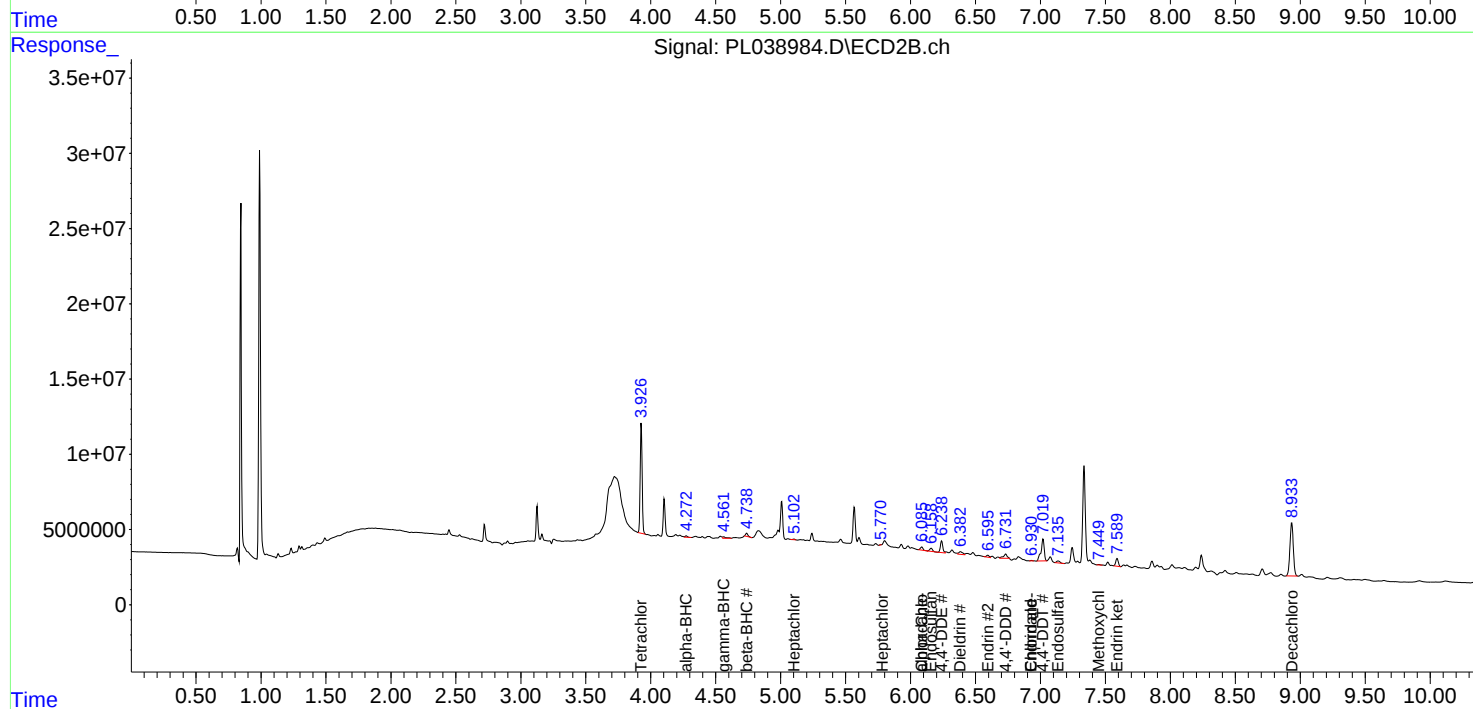
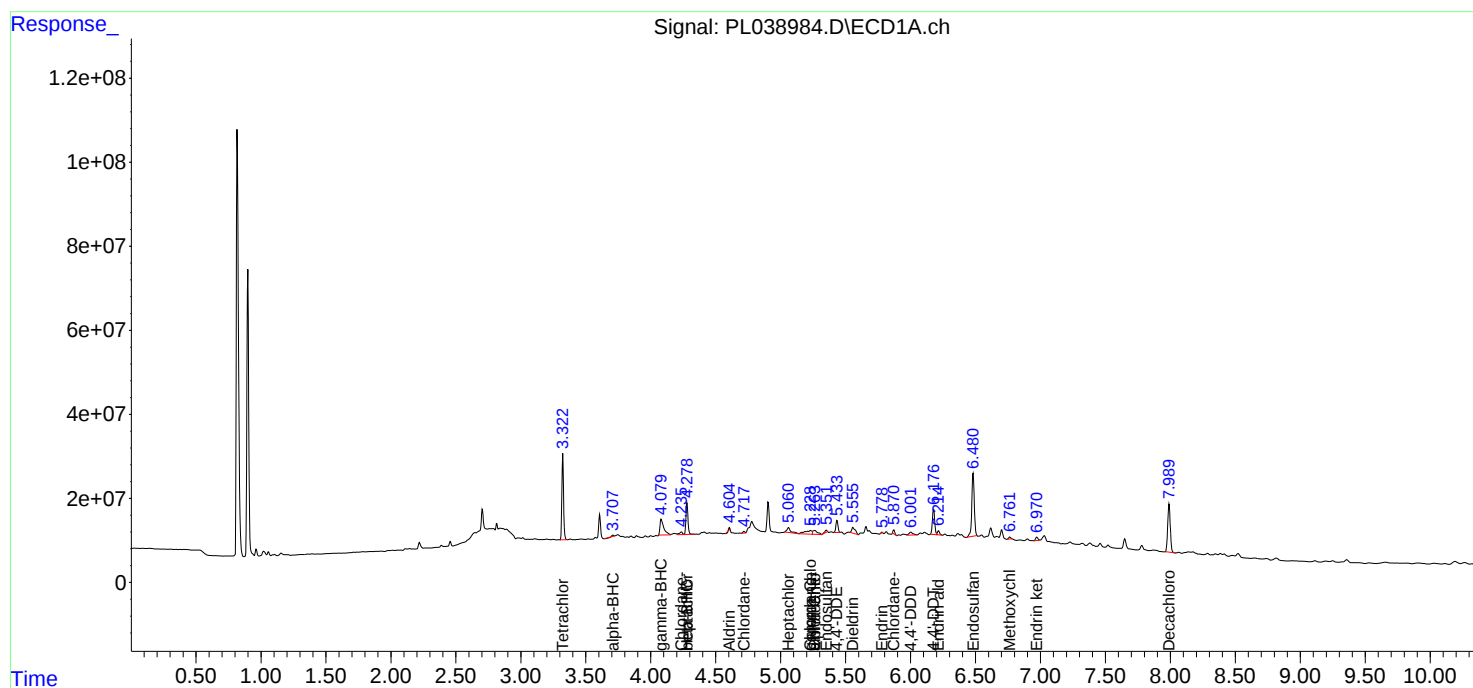
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

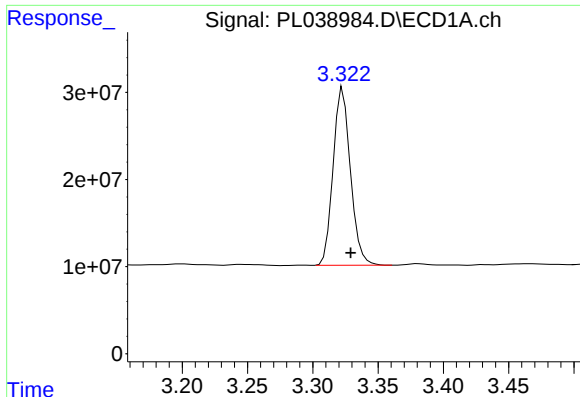
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080618\  
Data File : PL038984.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
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ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
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Quant Time: Aug 07 06:03:50 2018  
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Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

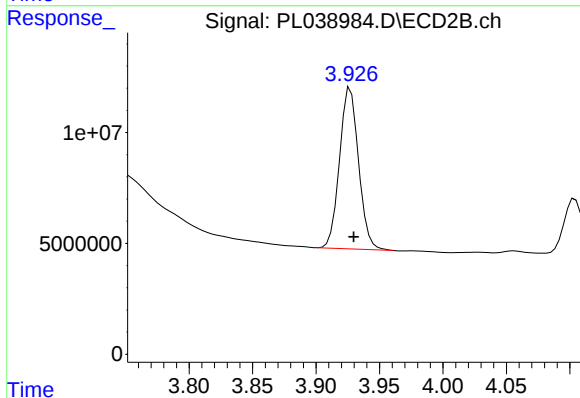




#1 Tetrachloro-m-xylene

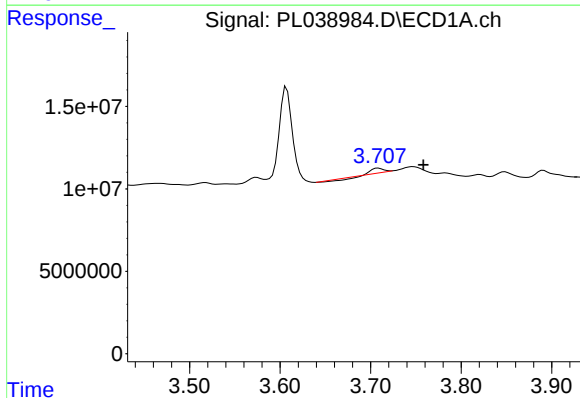
R.T.: 3.323 min  
Delta R.T.: -0.006 min  
Response: 188434811  
Conc: 25.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



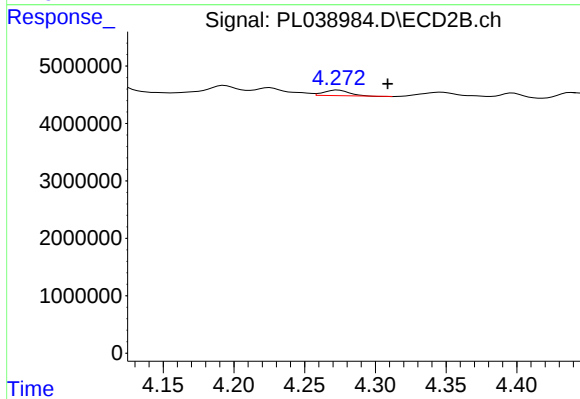
#1 Tetrachloro-m-xylene

R.T.: 3.927 min  
Delta R.T.: -0.003 min  
Response: 75785519  
Conc: 28.87 ng/ml



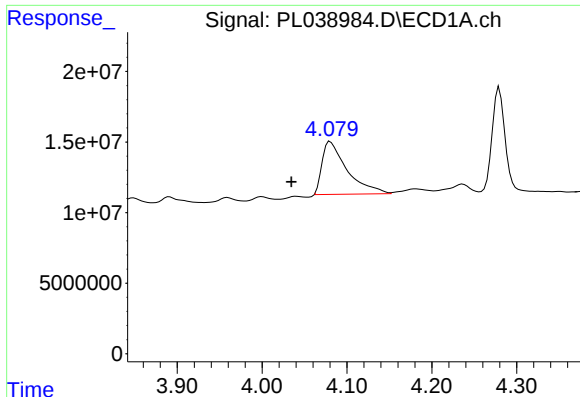
#2 alpha-BHC

R.T.: 3.709 min  
Delta R.T.: -0.050 min  
Response: 490587  
Conc: 0.04 ng/ml



#2 alpha-BHC

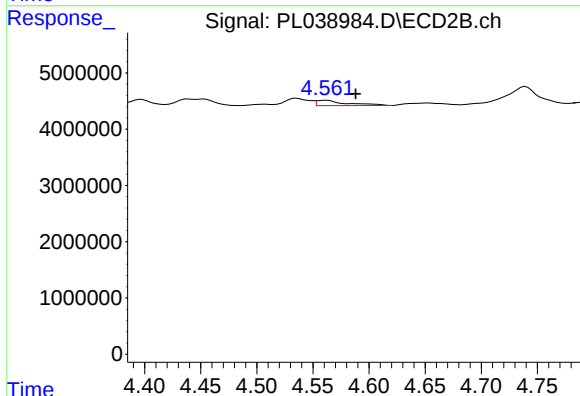
R.T.: 4.274 min  
Delta R.T.: -0.035 min  
Response: 1221191  
Conc: 0.32 ng/ml



#3 gamma-BHC (Lindane)

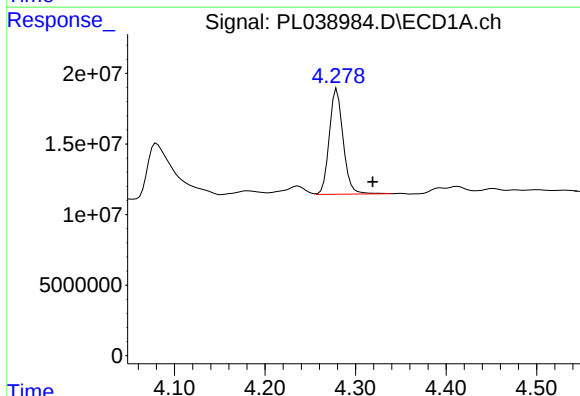
R.T.: 4.080 min  
Delta R.T.: 0.046 min  
Response: 76875150  
Conc: 7.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



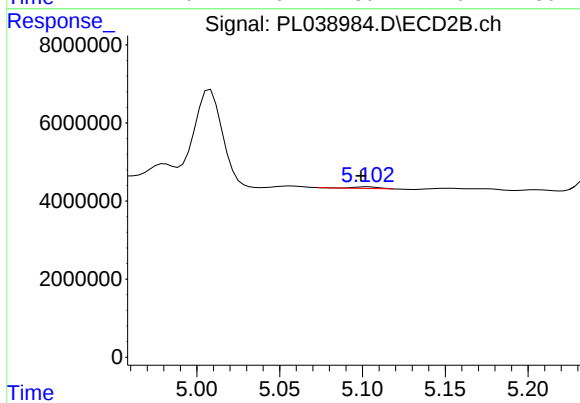
#3 gamma-BHC (Lindane)

R.T.: 4.562 min  
Delta R.T.: -0.026 min  
Response: 1771952  
Conc: 0.49 ng/ml



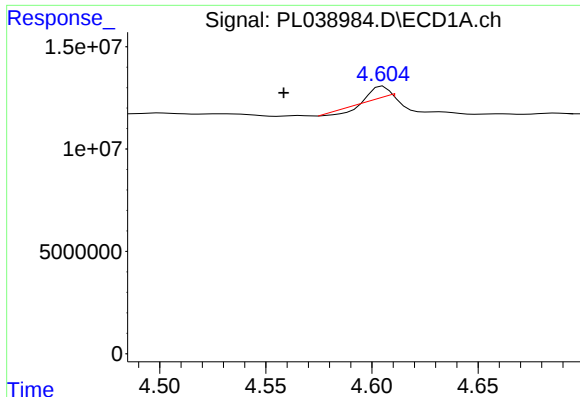
#4 Heptachlor

R.T.: 4.279 min  
Delta R.T.: -0.039 min  
Response: 79486685  
Conc: 7.47 ng/ml



#4 Heptachlor

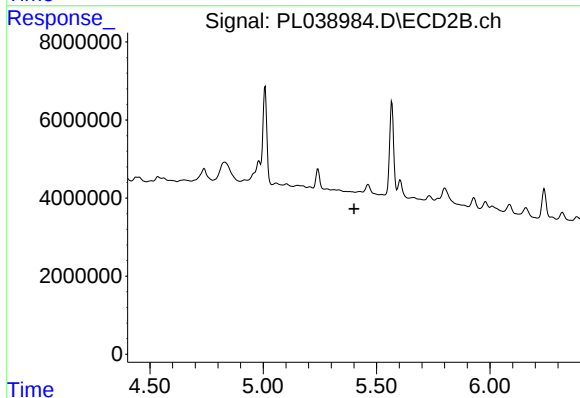
R.T.: 5.103 min  
Delta R.T.: 0.004 min  
Response: 404982  
Conc: 0.13 ng/ml



#5 Aldrin

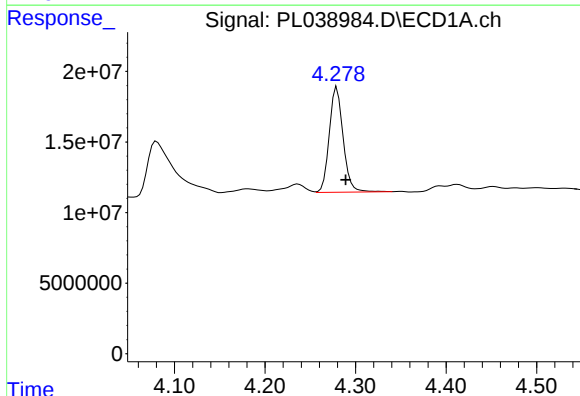
R.T.: 4.605 min  
Delta R.T.: 0.047 min  
Response: 1541357  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



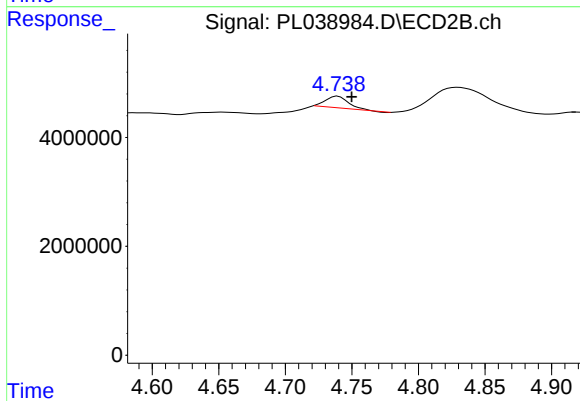
#5 Aldrin

R.T.: 5.426 min  
Delta R.T.: 0.025 min  
Response: -60707  
Conc: N.D.



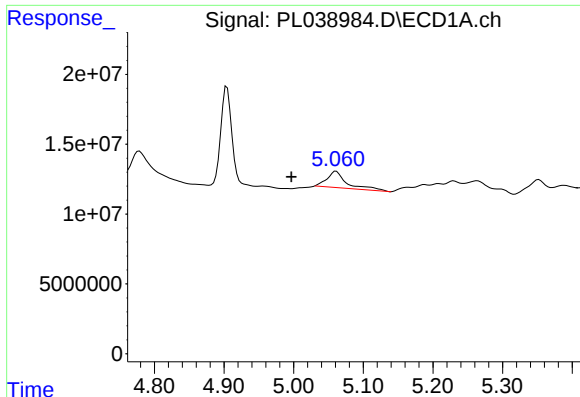
#6 beta-BHC

R.T.: 4.279 min  
Delta R.T.: -0.010 min  
Response: 79486685  
Conc: 16.84 ng/ml



#6 beta-BHC

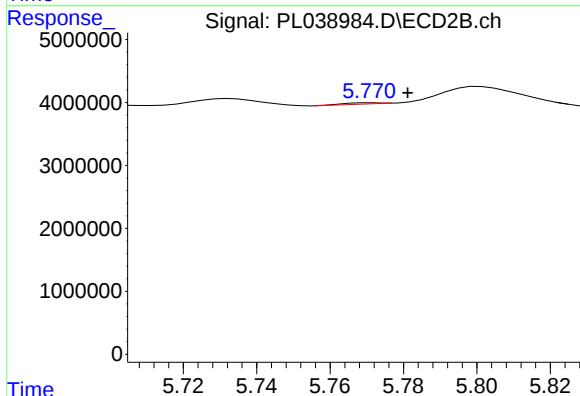
R.T.: 4.739 min  
Delta R.T.: -0.011 min  
Response: 2348475  
Conc: 1.55 ng/ml



#8 Heptachlor epoxide

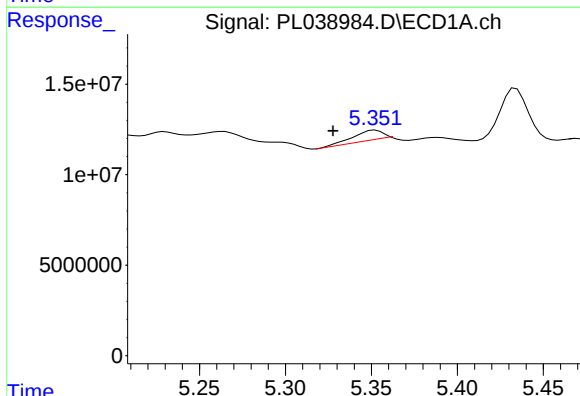
R.T.: 5.061 min  
Delta R.T.: 0.064 min  
Response: 23834803  
Conc: 2.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



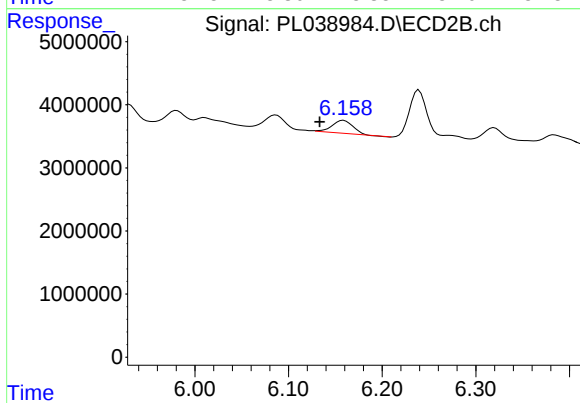
#8 Heptachlor epoxide

R.T.: 5.772 min  
Delta R.T.: -0.010 min  
Response: 108736  
Conc: 0.04 ng/ml



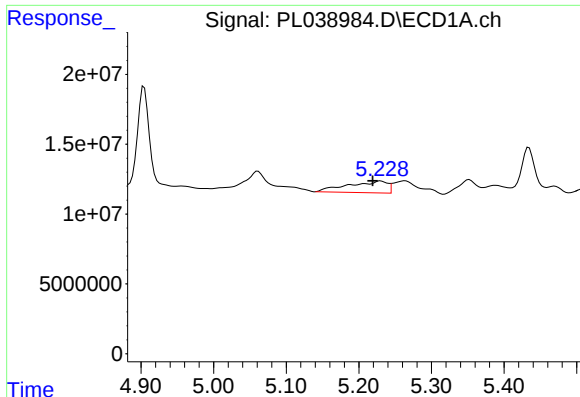
#9 Endosulfan I

R.T.: 5.352 min  
Delta R.T.: 0.025 min  
Response: 6315007  
Conc: 0.73 ng/ml



#9 Endosulfan I

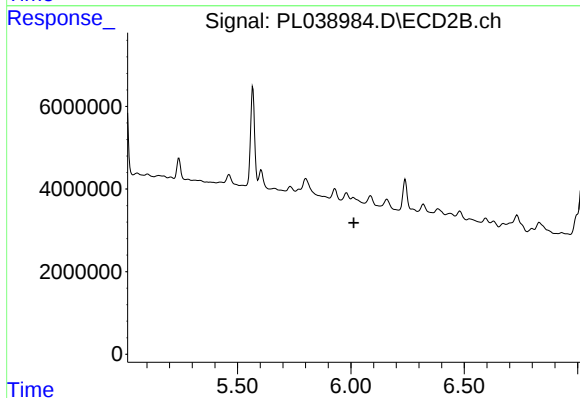
R.T.: 6.159 min  
Delta R.T.: 0.025 min  
Response: 3223505  
Conc: 1.25 ng/ml



#10 gamma-Chlordane

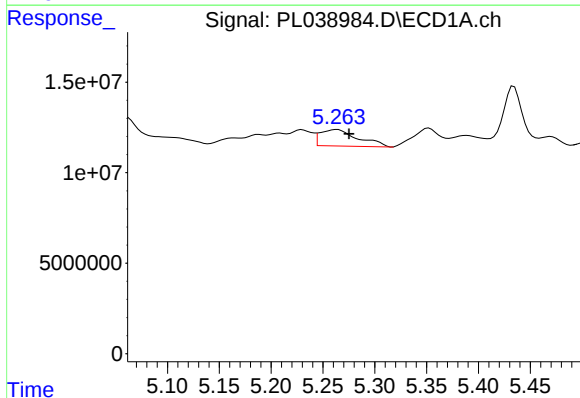
R.T.: 5.230 min  
Delta R.T.: 0.011 min  
Response: 31590395  
Conc: 3.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



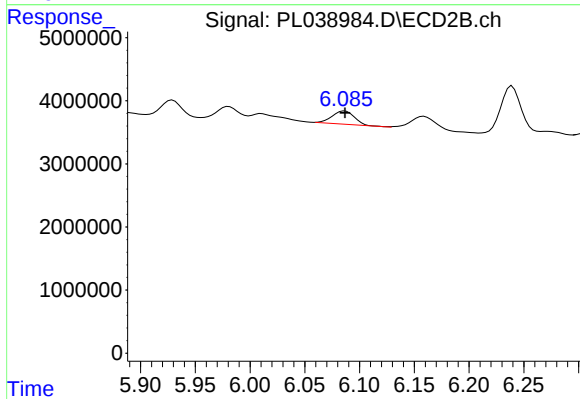
#10 gamma-Chlordane

R.T.: 6.011 min  
Delta R.T.: -0.003 min  
Response: -960549  
Conc: N.D.



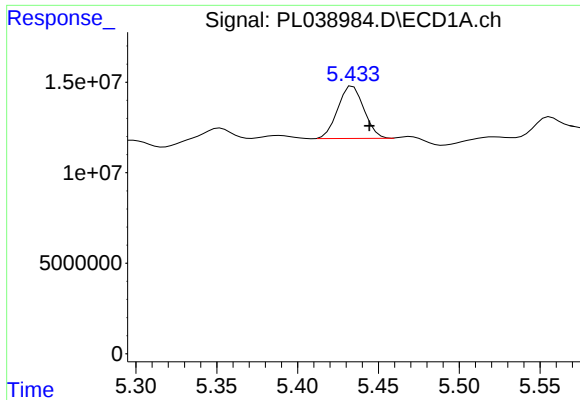
#11 alpha-Chlordane

R.T.: 5.264 min  
Delta R.T.: -0.012 min  
Response: 23024568  
Conc: 2.43 ng/ml



#11 alpha-Chlordane

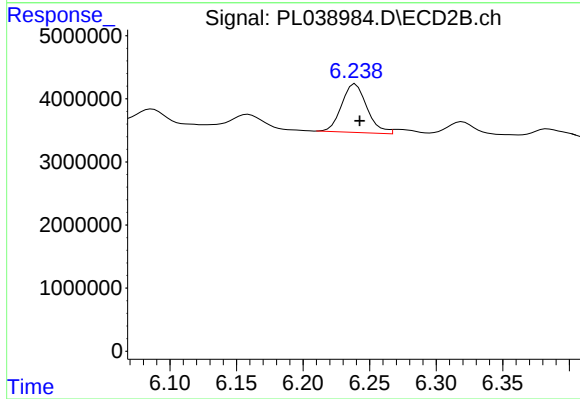
R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 2981946  
Conc: 1.04 ng/ml



#12 4,4'-DDE

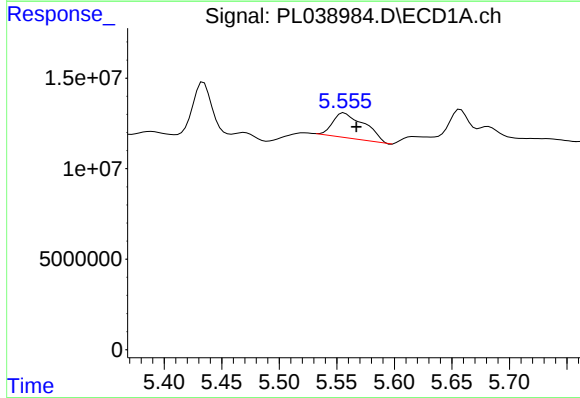
R.T.: 5.434 min  
Delta R.T.: -0.010 min  
Response: 32482470  
Conc: 3.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



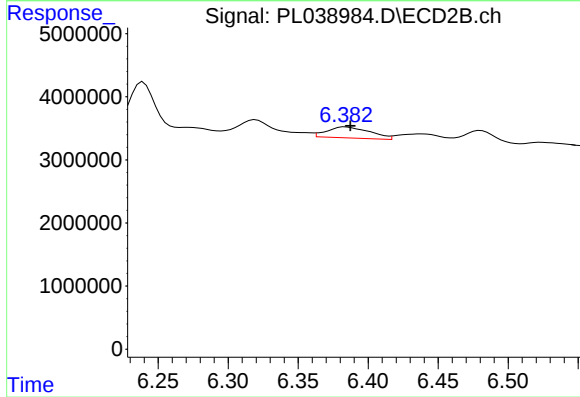
#12 4,4'-DDE

R.T.: 6.239 min  
Delta R.T.: -0.003 min  
Response: 10228683  
Conc: 3.83 ng/ml



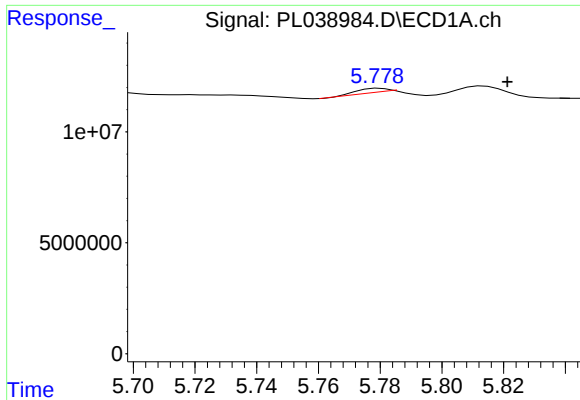
#13 Dieldrin

R.T.: 5.557 min  
Delta R.T.: -0.010 min  
Response: 26863247  
Conc: 2.80 ng/ml



#13 Dieldrin

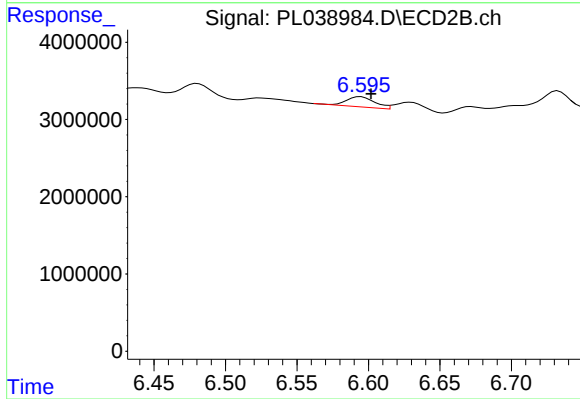
R.T.: 6.384 min  
Delta R.T.: -0.004 min  
Response: 3723844  
Conc: 1.37 ng/ml



#14 Endrin

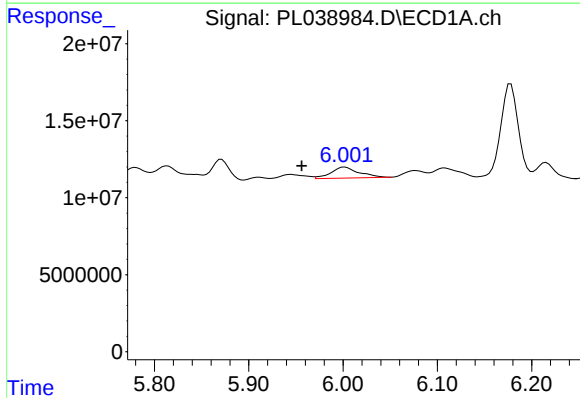
R.T.: 5.780 min  
Delta R.T.: -0.041 min  
Response: 1138831  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



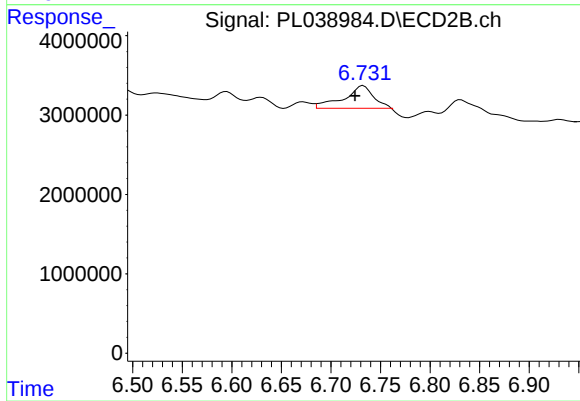
#14 Endrin

R.T.: 6.595 min  
Delta R.T.: -0.007 min  
Response: 1825478  
Conc: 0.76 ng/ml



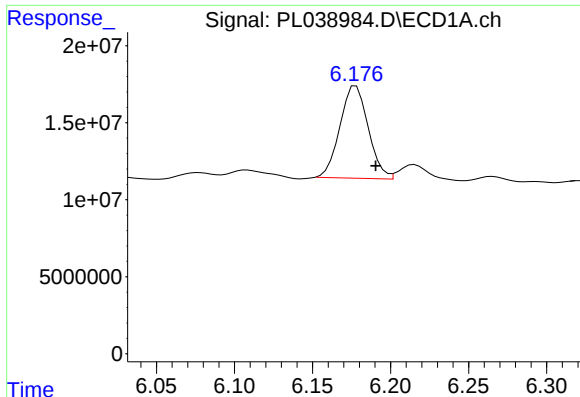
#16 4,4'-DDD

R.T.: 6.002 min  
Delta R.T.: 0.046 min  
Response: 14751632  
Conc: 2.01 ng/ml



#16 4,4'-DDD

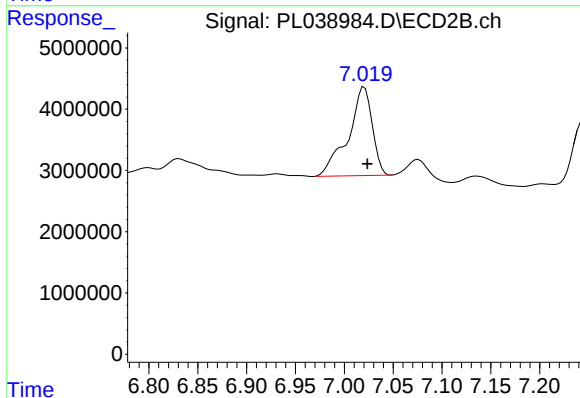
R.T.: 6.733 min  
Delta R.T.: 0.008 min  
Response: 5884640  
Conc: 2.75 ng/ml



#17 4,4'-DDT

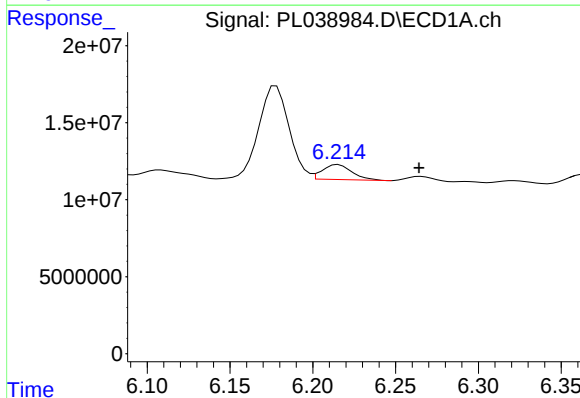
R.T.: 6.178 min  
Delta R.T.: -0.013 min  
Response: 75707040  
Conc: 10.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



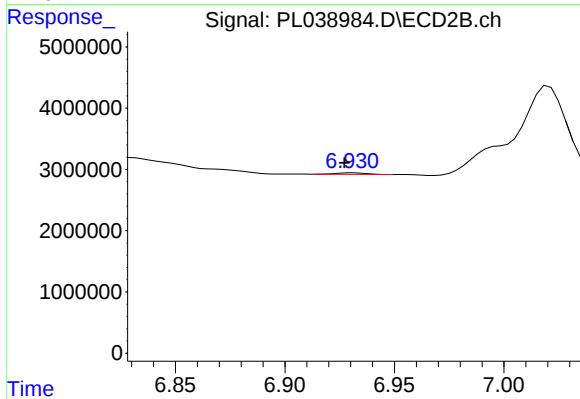
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: -0.003 min  
Response: 24794675  
Conc: 11.63 ng/ml



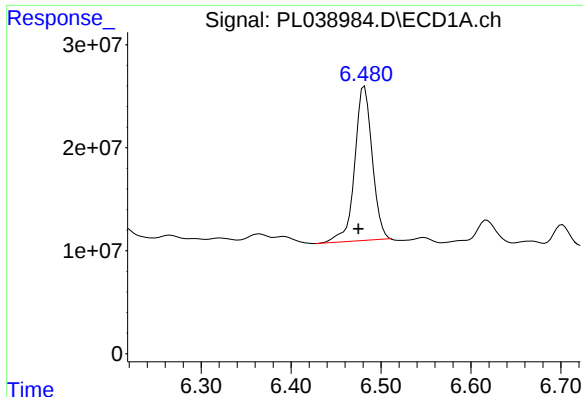
#18 Endrin aldehyde

R.T.: 6.216 min  
Delta R.T.: -0.049 min  
Response: 12096047  
Conc: 1.90 ng/ml



#18 Endrin aldehyde

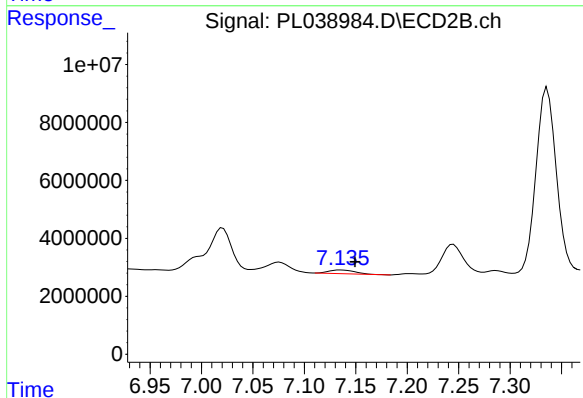
R.T.: 6.931 min  
Delta R.T.: 0.004 min  
Response: 240840  
Conc: 0.12 ng/ml



#19 Endosulfan Sulfate

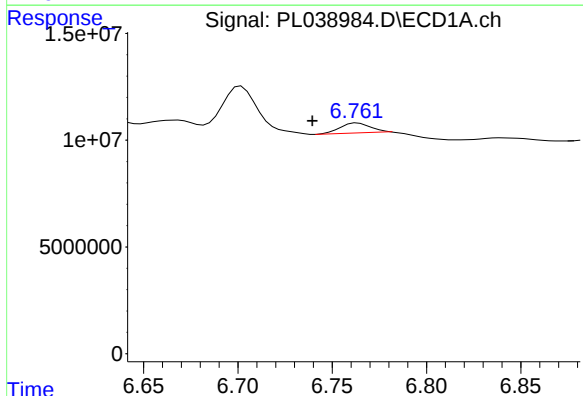
R.T.: 6.482 min  
Delta R.T.: 0.007 min  
Response: 201560526  
Conc: 26.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



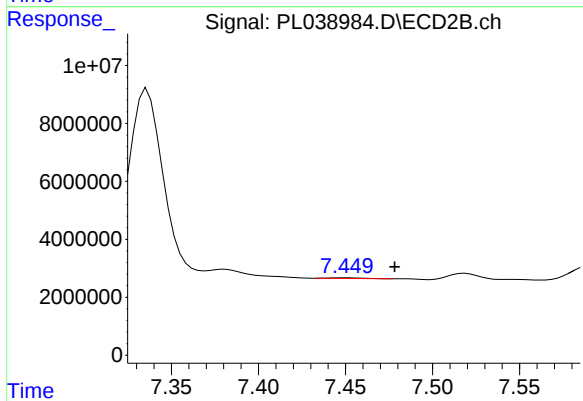
#19 Endosulfan Sulfate

R.T.: 7.136 min  
Delta R.T.: -0.014 min  
Response: 2242162  
Conc: 1.03 ng/ml



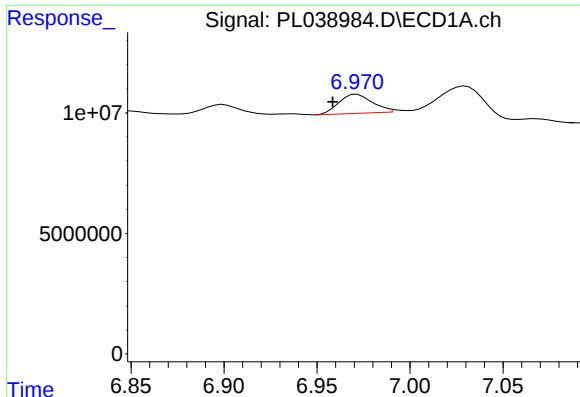
#20 Methoxychlor

R.T.: 6.763 min  
Delta R.T.: 0.024 min  
Response: 4507688  
Conc: 1.17 ng/ml



#20 Methoxychlor

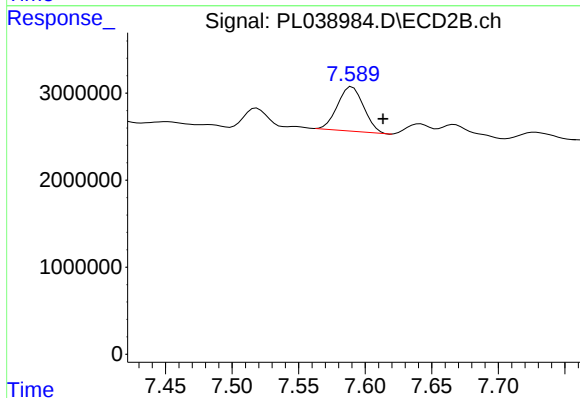
R.T.: 7.451 min  
Delta R.T.: -0.028 min  
Response: 344719  
Conc: 0.30 ng/ml



#21 Endrin ketone

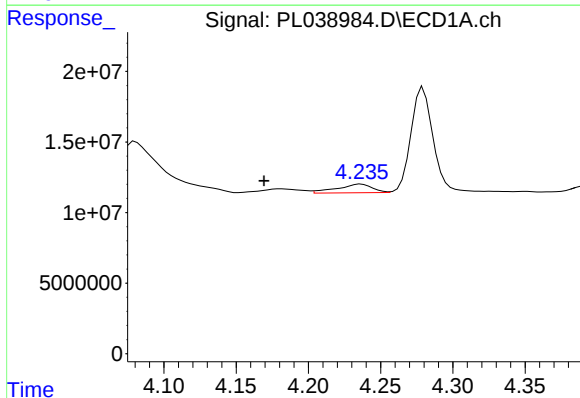
R.T.: 6.972 min  
Delta R.T.: 0.013 min  
Response: 9981948  
Conc: 1.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



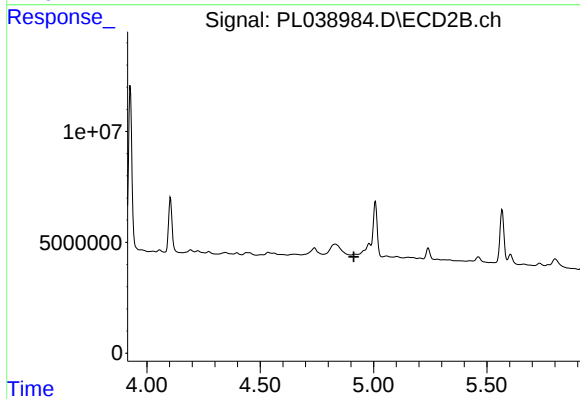
#21 Endrin ketone

R.T.: 7.590 min  
Delta R.T.: -0.023 min  
Response: 6986094  
Conc: 2.93 ng/ml



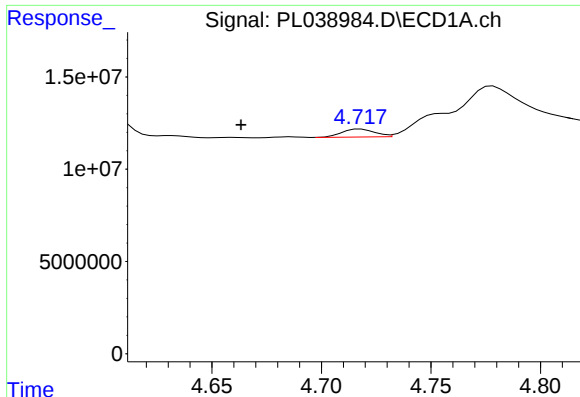
#23 Chlordane-1

R.T.: 4.237 min  
Delta R.T.: 0.067 min  
Response: 10411918  
Conc: 30.07 ng/ml



#23 Chlordane-1

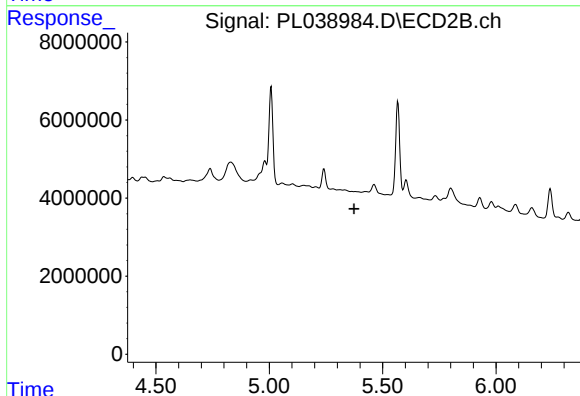
R.T.: 4.981 min  
Delta R.T.: 0.069 min  
Response: -848673  
Conc: N.D.



#24 Chlordane-2

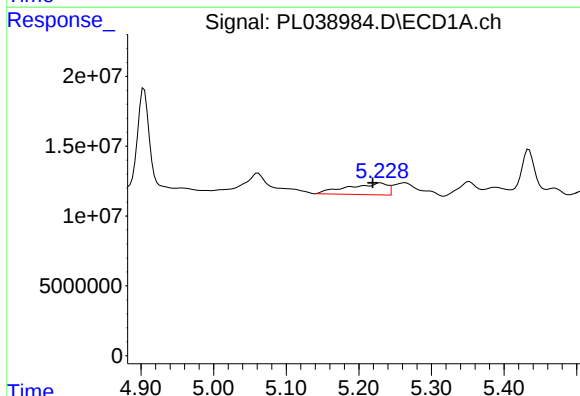
R.T.: 4.718 min  
Delta R.T.: 0.055 min  
Response: 4524146  
Conc: 12.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



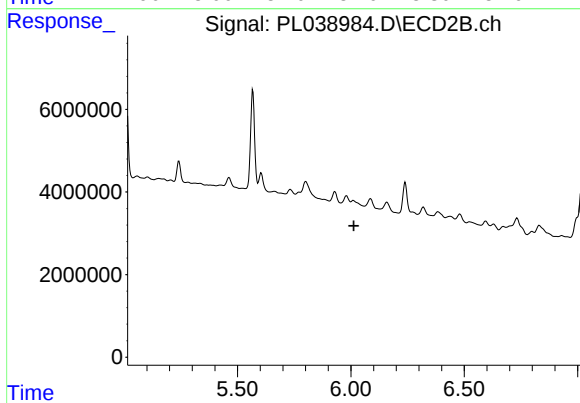
#24 Chlordane-2

R.T.: 5.426 min  
Delta R.T.: 0.051 min  
Response: -60707  
Conc: N.D.



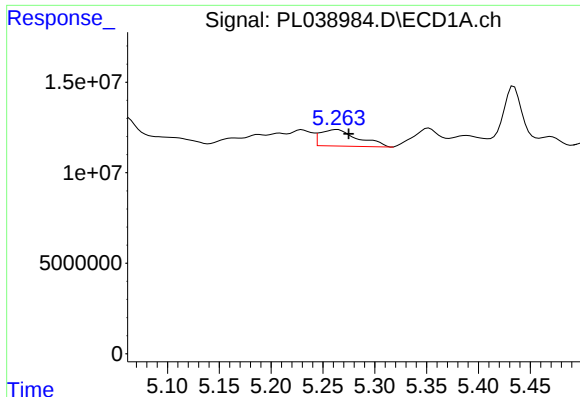
#25 Chlordane-3

R.T.: 5.230 min  
Delta R.T.: 0.011 min  
Response: 31590395  
Conc: 27.16 ng/ml



#25 Chlordane-3

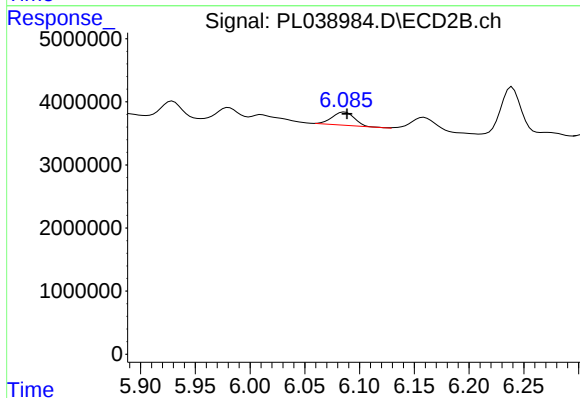
R.T.: 6.011 min  
Delta R.T.: -0.002 min  
Response: -960549  
Conc: N.D.



#26 Chlordane-4

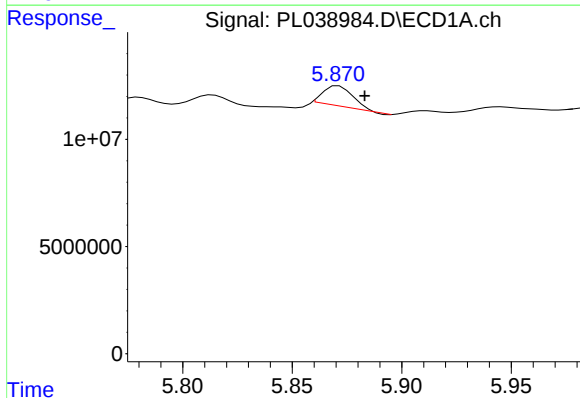
R.T.: 5.264 min  
Delta R.T.: -0.011 min  
Response: 23024568  
Conc: 21.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



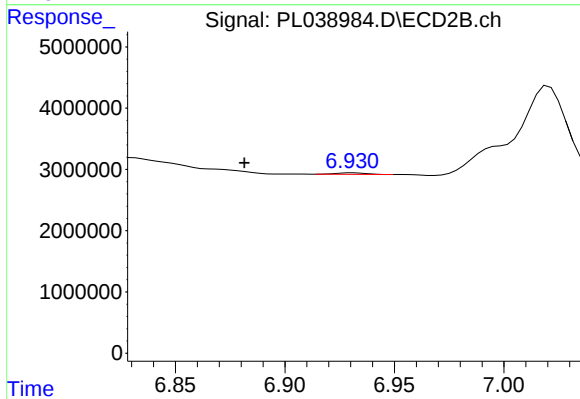
#26 Chlordane-4

R.T.: 6.087 min  
Delta R.T.: -0.002 min  
Response: 2981946  
Conc: 6.07 ng/ml



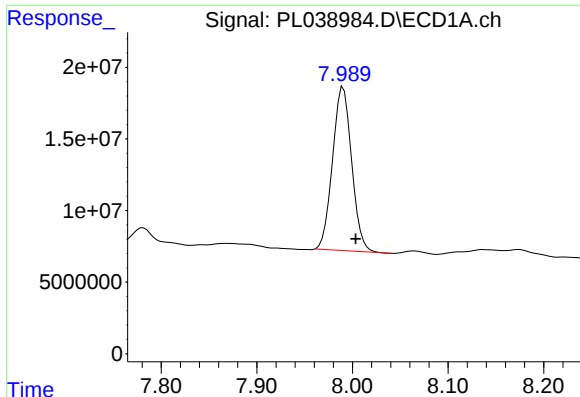
#27 Chlordane-5

R.T.: 5.871 min  
Delta R.T.: -0.012 min  
Response: 8795629  
Conc: 54.93 ng/ml



#27 Chlordane-5

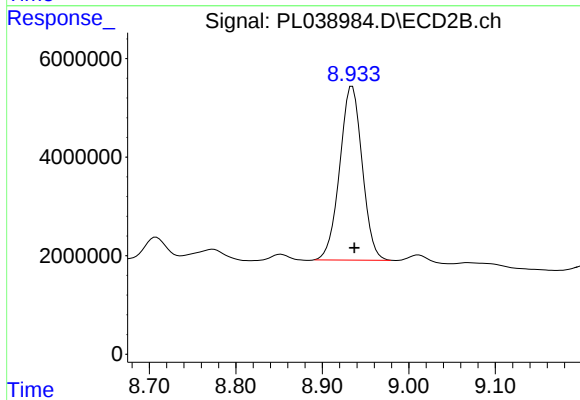
R.T.: 6.931 min  
Delta R.T.: 0.049 min  
Response: 240840  
Conc: 2.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.990 min  
Delta R.T.: -0.013 min  
Response: 158624445  
Conc: 20.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.935 min  
Delta R.T.: -0.003 min  
Response: 63410240  
Conc: 25.94 ng/ml