

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052720\  
 Data File : PL058922.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 May 2020 16:54  
 Operator : AJ\MA  
 Sample : L2757-03 2X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 C0AP5

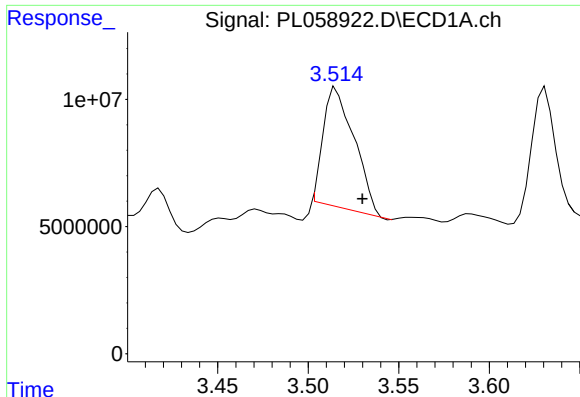
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 28 02:30:38 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 20 11:27:53 2020  
 Response via : Initial Calibration  
 Integrator: 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... | 3.515  | 4.077  | 55980459 | 13155318 | 30.530   | 4.857 #   |
| 2)                          | SA Decachlor... | 8.307  | 9.186  | 15144239 | 21920079 | 8.963    | 8.315     |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.987  | 4.466  | 3878237  | 22343690 | 1.426    | 5.567 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.782f | 0        | 9477864  | N.D.     | 2.501 #   |
| 4)                          | MA Heptachlor   | 4.561  | 5.271  | 4547449  | 13246051 | 2.022    | 3.458 #   |
| 5)                          | MB Aldrin       | 4.829  | 5.587  | 11899161 | 3097929  | 6.146    | 0.908 #   |
| 6)                          | B beta-BHC      | 4.494  | 0.000  | 4348514  | 0        | 4.231    | N.D. #    |
| 7)                          | B delta-BHC     | 4.714  | 5.136  | 4061057  | 30703491 | 1.894    | 8.419 #   |
| 9)                          | A Endosulfan I  | 5.582f | 6.298f | 3158627  | 39492226 | 1.861    | 13.434 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 6.182f | 0        | 12557998 | N.D.     | 3.791 #   |
| 11)                         | B alpha-Chl...  | 0.000  | 6.298f | 0        | 39492226 | N.D.     | 12.158 #  |
| 12)                         | B 4,4'-DDE      | 5.704  | 0.000  | 3023150  | 0        | 1.841    | N.D. #    |
| 13)                         | MA Dieldrin     | 5.844  | 6.598f | 21252349 | 10959481 | 12.107   | 3.618 #   |
| 14)                         | MA Endrin       | 6.123f | 6.795  | 5825609  | 2906989  | 3.717    | 1.165 #   |
| 15)                         | B Endosulfa...  | 6.403f | 7.024  | 7006753  | 9447447  | 4.206    | 3.370     |
| 16)                         | A 4,4'-DDD      | 6.242  | 6.892f | 14885622 | 2913134  | 10.516   | 1.221 #   |
| 17)                         | MA 4,4'-DDT     | 6.492f | 7.222  | 1445740  | 1139789  | 0.994    | 0.479 #   |
| 18)                         | B Endrin al...  | 6.518f | 7.120  | 8227269  | 7256040  | 5.830    | 3.075 #   |
| 19)                         | B Endosulfa...  | 6.772  | 7.361  | 1861315  | 438846   | 1.141    | 0.167 #   |
| 20)                         | A Methoxychlor  | 0.000  | 7.691  | 0        | 2287476  | N.D.     | 1.640 #   |
| 21)                         | B Endrin ke...  | 0.000  | 7.812f | 0        | 3174344  | N.D.     | 1.146 #   |
| 22)                         | Mirex           | 7.435  | 8.303f | 7201858  | 1284330  | 4.656    | 0.586 #   |
| 23)                         | Chlordane-1     | 4.408  | 5.073  | 57231314 | 42145046 | 1093.835 | 439.406 # |
| 24)                         | Chlordane-2     | 4.902  | 5.559  | 4142906  | 10630693 | 71.201   | 104.201 # |
| 25)                         | Chlordane-3     | 0.000  | 6.182f | 0        | 12557998 | N.D.     | 32.989 #  |
| 26)                         | Chlordane-4     | 0.000  | 6.298f | 0        | 39492226 | N.D.     | 86.728 #  |
| 27)                         | Chlordane-5     | 6.403  | 7.056f | 7006753  | 3340547  | 132.586  | 42.166 #  |
| -----                       |                 |        |        |          |          |          |           |

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

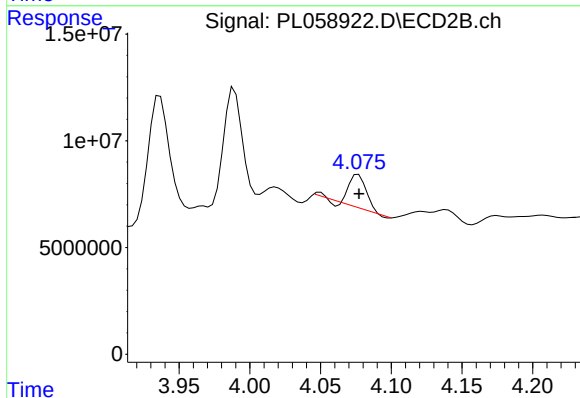




#1 Tetrachloro-m-xylene

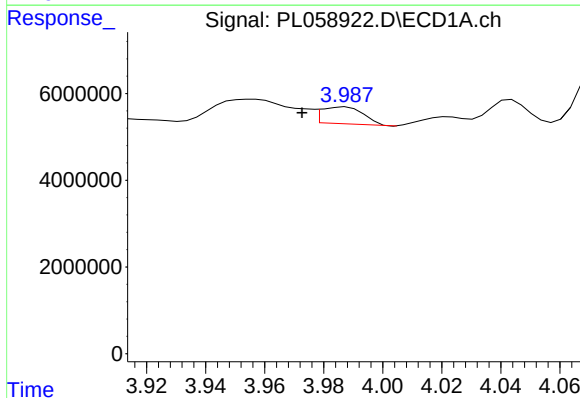
R.T.: 3.515 min  
Delta R.T.: -0.015 min  
Response: 55980459  
Conc: 30.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



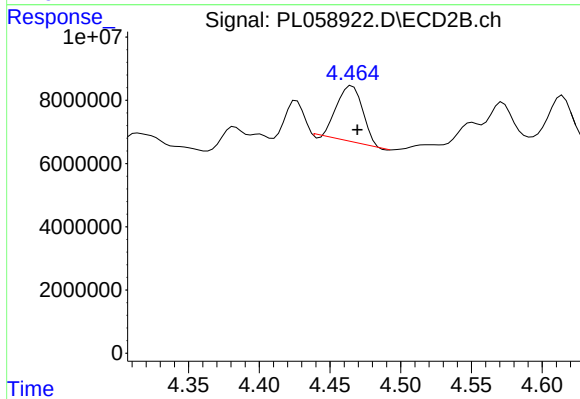
#1 Tetrachloro-m-xylene

R.T.: 4.077 min  
Delta R.T.: 0.000 min  
Response: 13155318  
Conc: 4.86 ng/ml



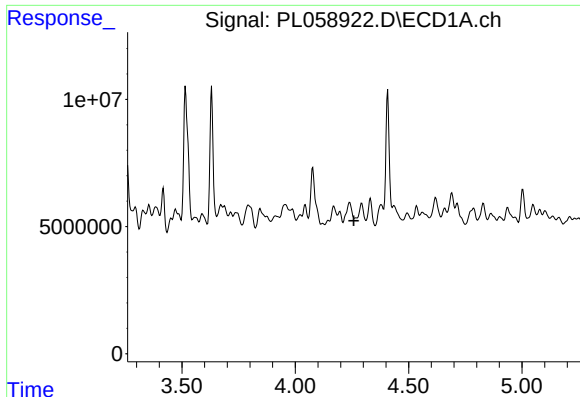
#2 alpha-BHC

R.T.: 3.987 min  
Delta R.T.: 0.015 min  
Response: 3878237  
Conc: 1.43 ng/ml



#2 alpha-BHC

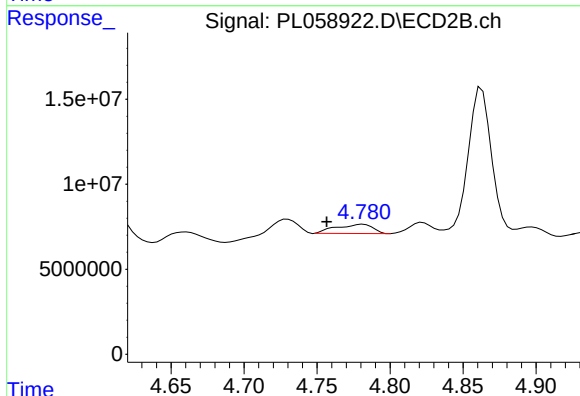
R.T.: 4.466 min  
Delta R.T.: -0.004 min  
Response: 22343690  
Conc: 5.57 ng/ml



#3 gamma-BHC (Lindane)

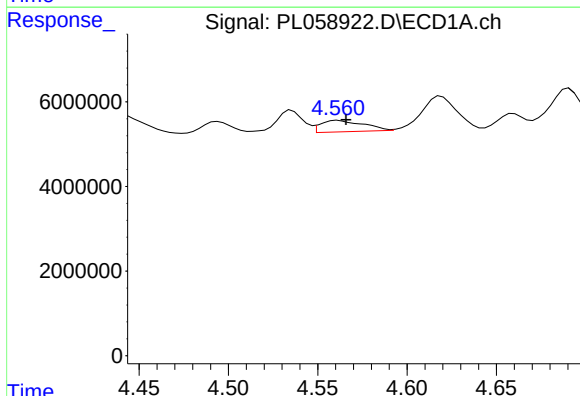
R.T.: 0.000 min  
Exp R.T.: 4.258 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



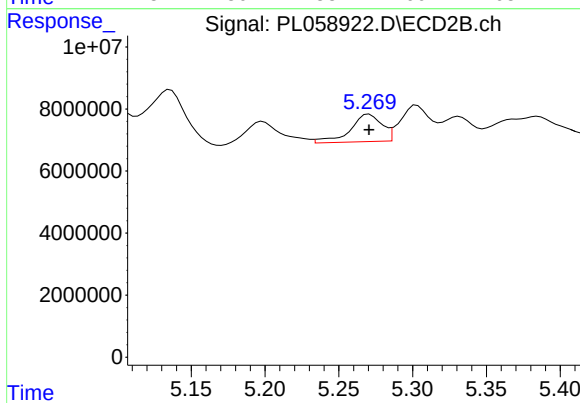
#3 gamma-BHC (Lindane)

R.T.: 4.782 min  
Delta R.T.: 0.025 min  
Response: 9477864  
Conc: 2.50 ng/ml



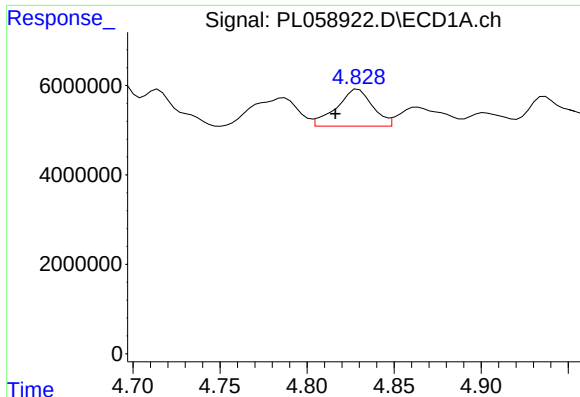
#4 Heptachlor

R.T.: 4.561 min  
Delta R.T.: -0.005 min  
Response: 4547449  
Conc: 2.02 ng/ml



#4 Heptachlor

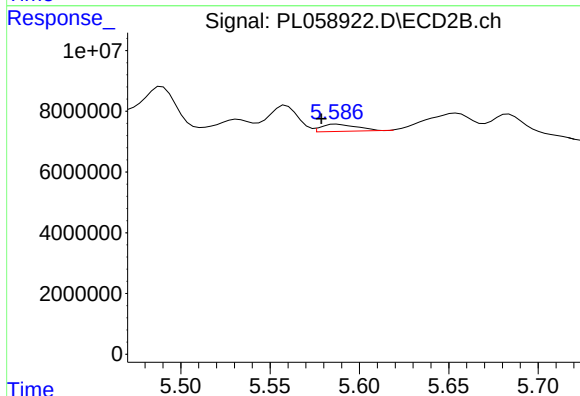
R.T.: 5.271 min  
Delta R.T.: 0.000 min  
Response: 13246051  
Conc: 3.46 ng/ml



#5 Aldrin

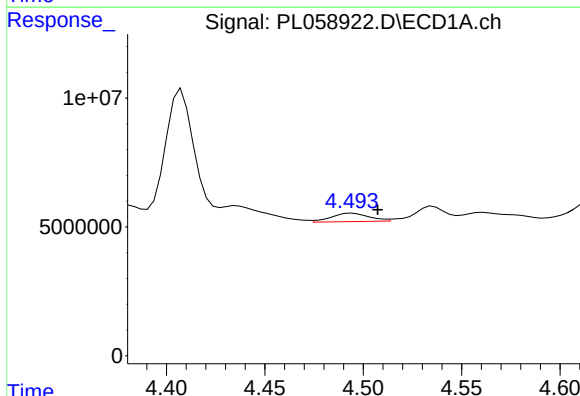
R.T.: 4.829 min  
Delta R.T.: 0.013 min  
Response: 11899161  
Conc: 6.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



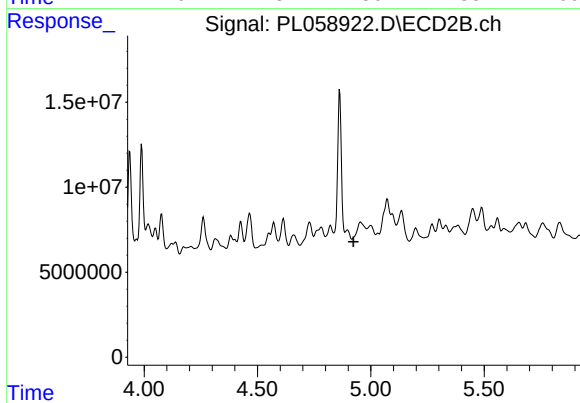
#5 Aldrin

R.T.: 5.587 min  
Delta R.T.: 0.009 min  
Response: 3097929  
Conc: 0.91 ng/ml



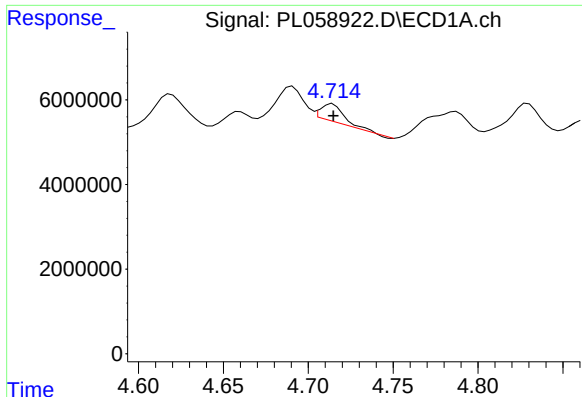
#6 beta-BHC

R.T.: 4.494 min  
Delta R.T.: -0.013 min  
Response: 4348514  
Conc: 4.23 ng/ml



#6 beta-BHC

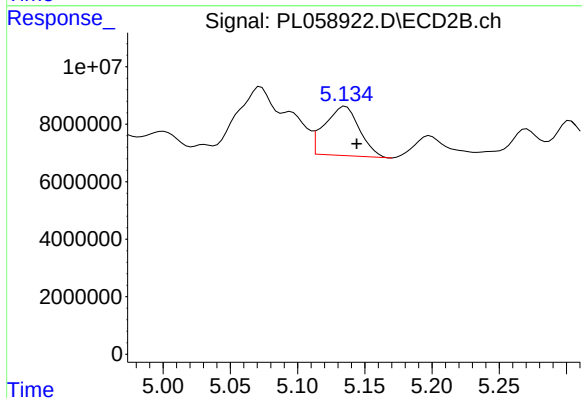
R.T.: 0.000 min  
Exp R.T. : 4.924 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

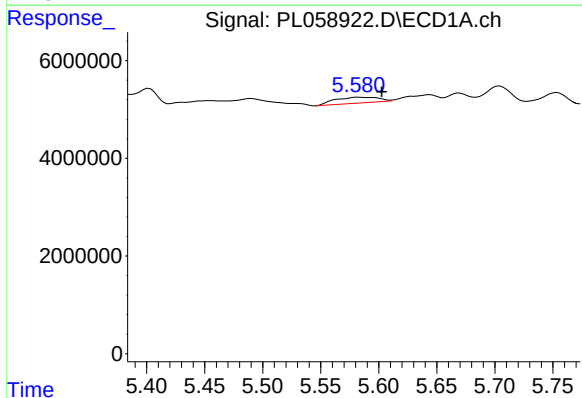
R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 4061057  
Conc: 1.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



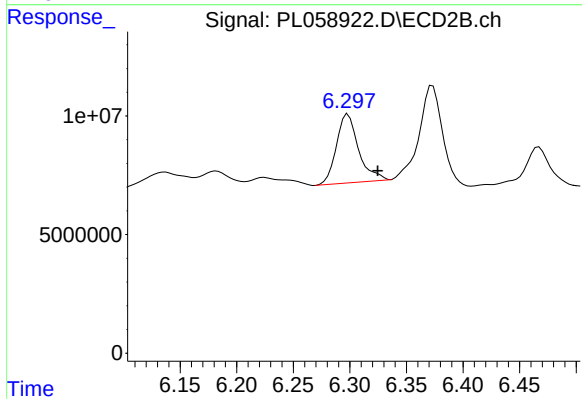
#7 delta-BHC

R.T.: 5.136 min  
Delta R.T.: -0.008 min  
Response: 30703491  
Conc: 8.42 ng/ml



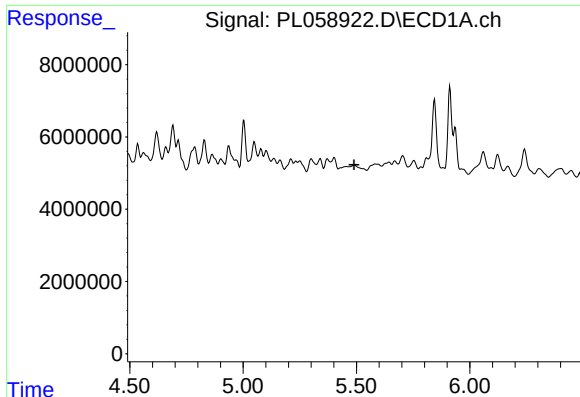
#9 Endosulfan I

R.T.: 5.582 min  
Delta R.T.: -0.020 min  
Response: 3158627  
Conc: 1.86 ng/ml



#9 Endosulfan I

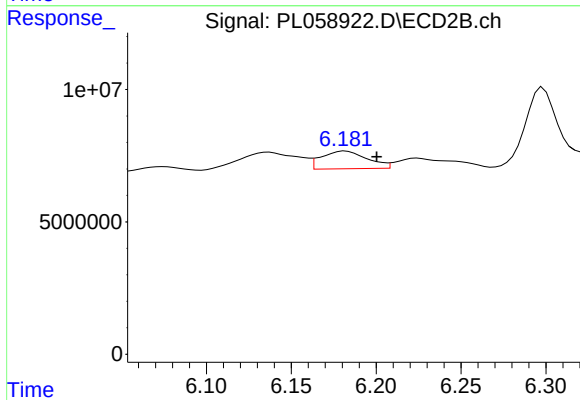
R.T.: 6.298 min  
Delta R.T.: -0.026 min  
Response: 39492226  
Conc: 13.43 ng/ml



#10 gamma-Chlordane

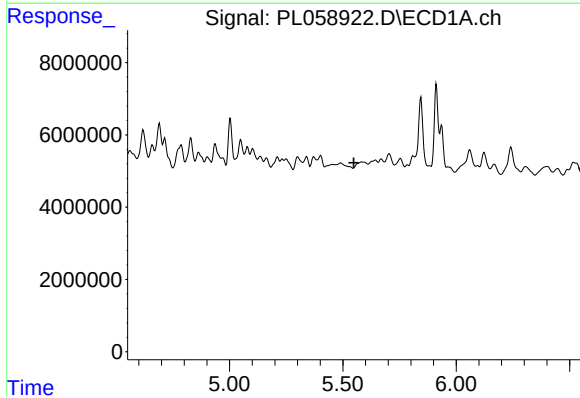
R.T.: 0.000 min  
Exp R.T.: 5.490 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



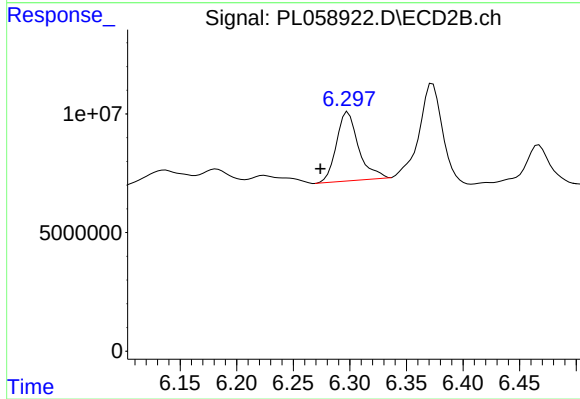
#10 gamma-Chlordane

R.T.: 6.182 min  
Delta R.T.: -0.018 min  
Response: 12557998  
Conc: 3.79 ng/ml



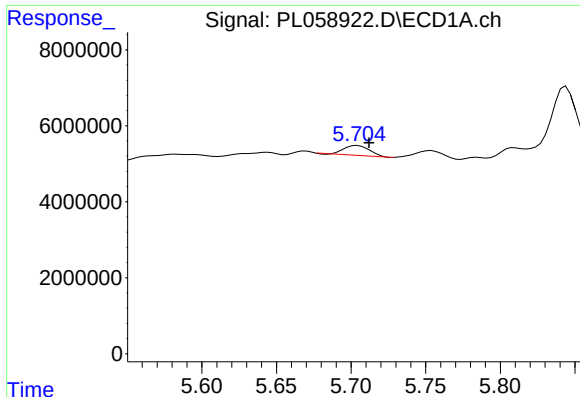
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.549 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

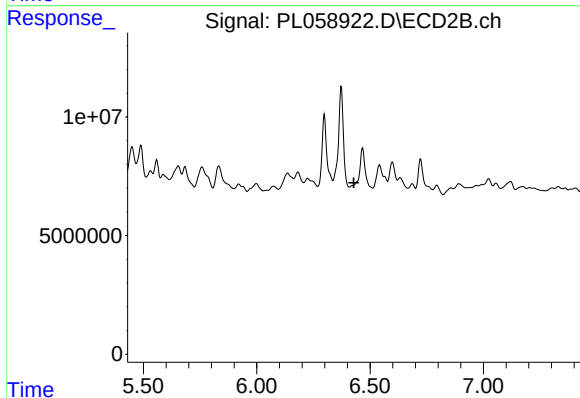
R.T.: 6.298 min  
Delta R.T.: 0.024 min  
Response: 39492226  
Conc: 12.16 ng/ml



#12 4,4'-DDE

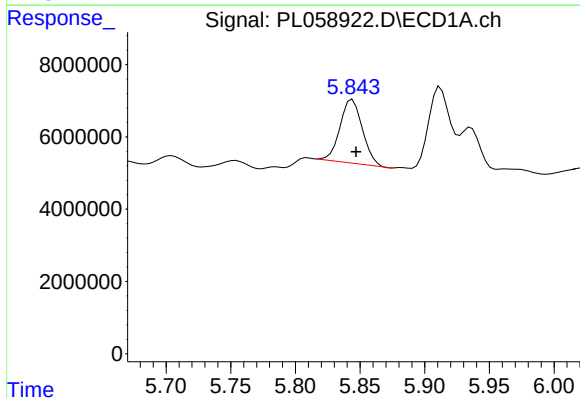
R.T.: 5.704 min  
Delta R.T.: -0.008 min  
Response: 3023150  
Conc: 1.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



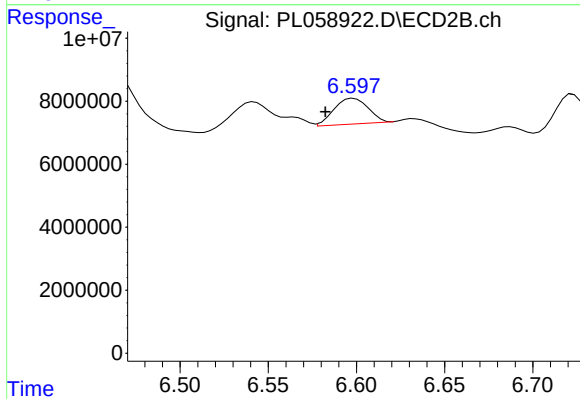
#12 4,4'-DDE

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



#13 Dieldrin

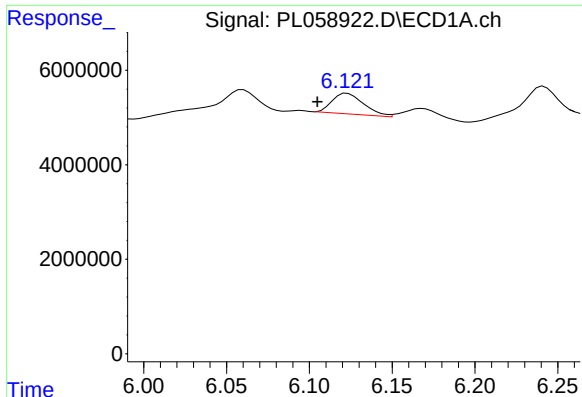
R.T.: 5.844 min  
Delta R.T.: -0.003 min  
Response: 21252349  
Conc: 12.11 ng/ml



#13 Dieldrin

R.T.: 6.598 min  
Delta R.T.: 0.016 min  
Response: 10959481  
Conc: 3.62 ng/ml

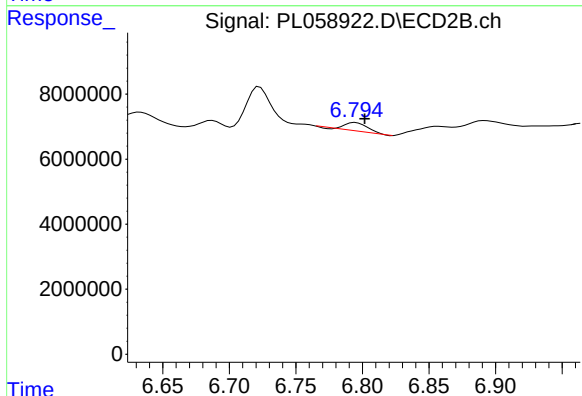




#14 Endrin

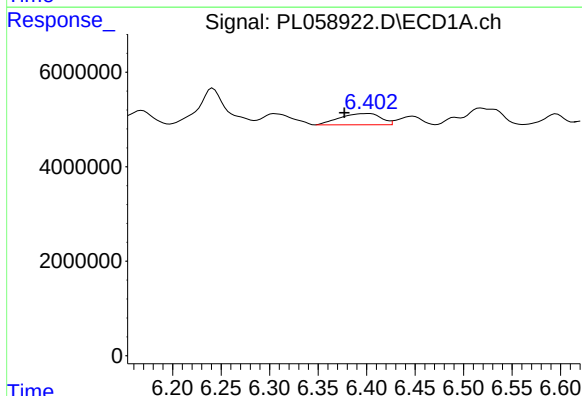
R.T.: 6.123 min  
Delta R.T.: 0.018 min  
Response: 5825609  
Conc: 3.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



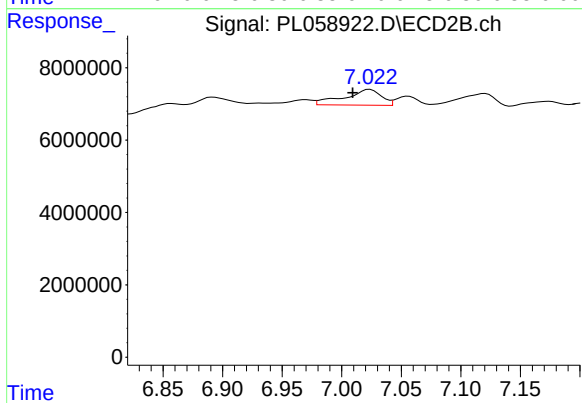
#14 Endrin

R.T.: 6.795 min  
Delta R.T.: -0.007 min  
Response: 2906989  
Conc: 1.16 ng/ml



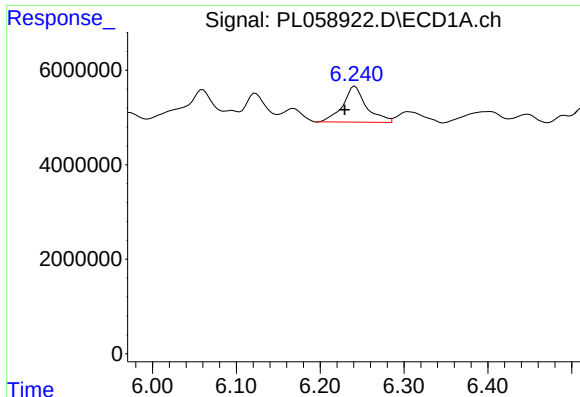
#15 Endosulfan II

R.T.: 6.403 min  
Delta R.T.: 0.026 min  
Response: 7006753  
Conc: 4.21 ng/ml



#15 Endosulfan II

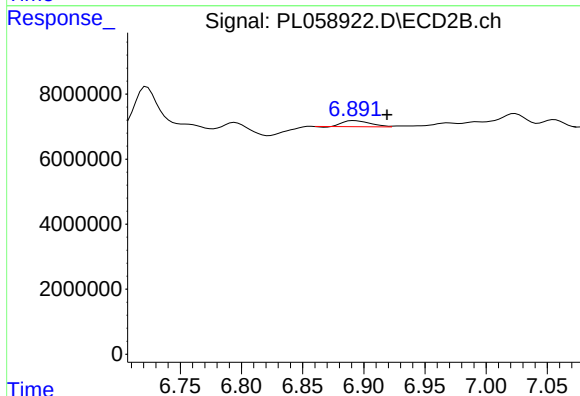
R.T.: 7.024 min  
Delta R.T.: 0.014 min  
Response: 9447447  
Conc: 3.37 ng/ml



#16 4,4'-DDD

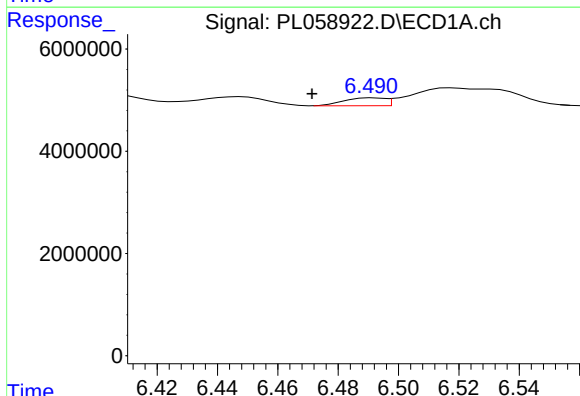
R.T.: 6.242 min  
Delta R.T.: 0.013 min  
Response: 14885622  
Conc: 10.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



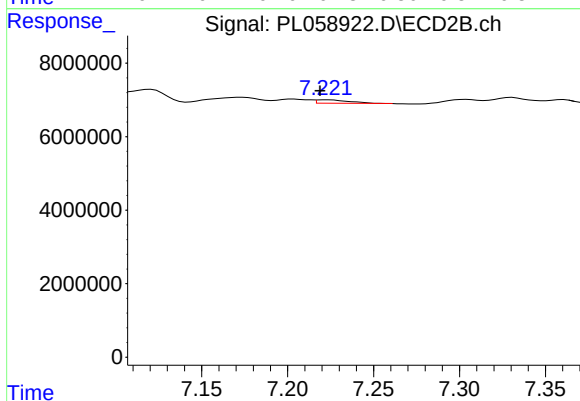
#16 4,4'-DDD

R.T.: 6.892 min  
Delta R.T.: -0.027 min  
Response: 2913134  
Conc: 1.22 ng/ml



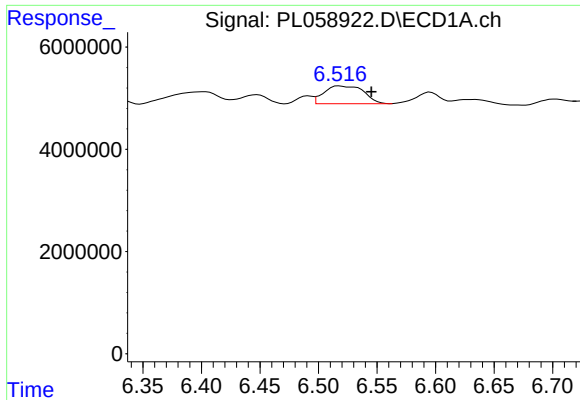
#17 4,4'-DDT

R.T.: 6.492 min  
Delta R.T.: 0.020 min  
Response: 1445740  
Conc: 0.99 ng/ml



#17 4,4'-DDT

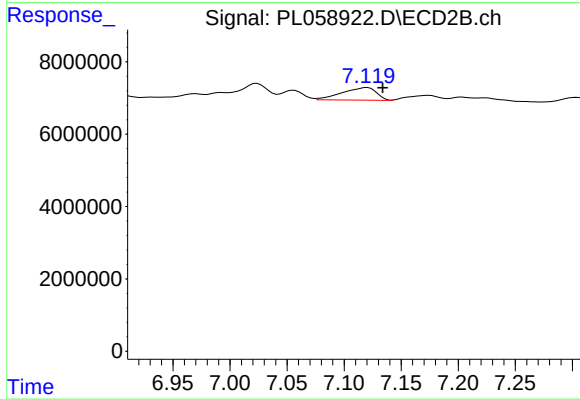
R.T.: 7.222 min  
Delta R.T.: 0.003 min  
Response: 1139789  
Conc: 0.48 ng/ml



#18 Endrin aldehyde

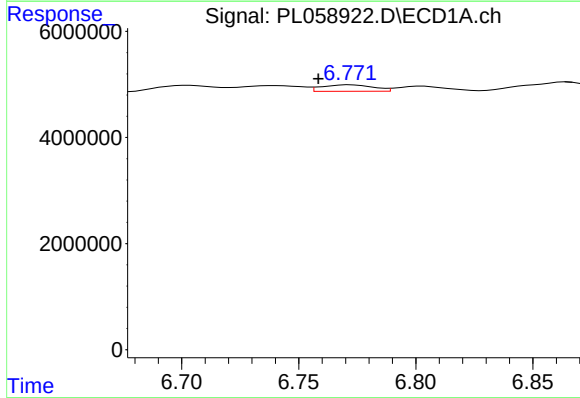
R.T.: 6.518 min  
Delta R.T.: -0.028 min  
Response: 8227269  
Conc: 5.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



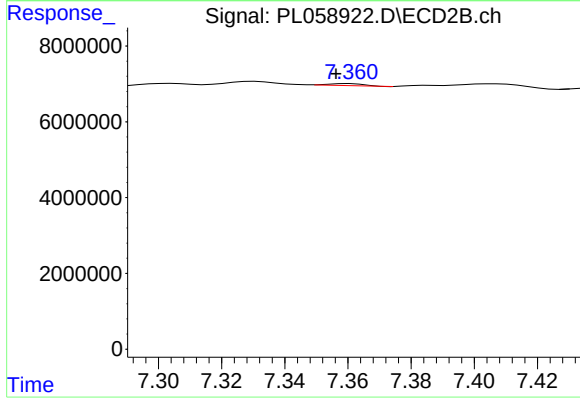
#18 Endrin aldehyde

R.T.: 7.120 min  
Delta R.T.: -0.014 min  
Response: 7256040  
Conc: 3.08 ng/ml



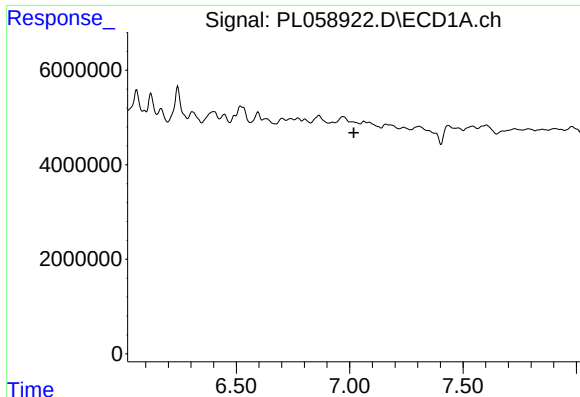
#19 Endosulfan Sulfate

R.T.: 6.772 min  
Delta R.T.: 0.014 min  
Response: 1861315  
Conc: 1.14 ng/ml



#19 Endosulfan Sulfate

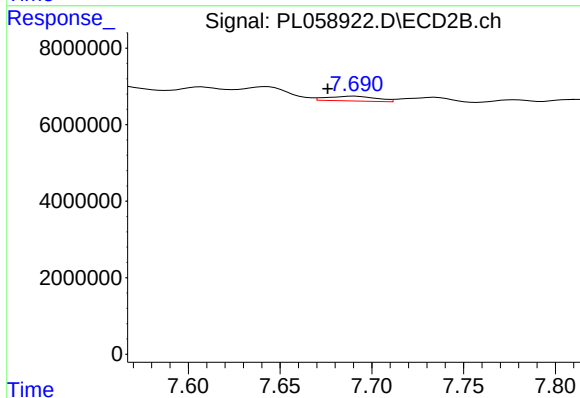
R.T.: 7.361 min  
Delta R.T.: 0.004 min  
Response: 438846  
Conc: 0.17 ng/ml



#20 Methoxychlor

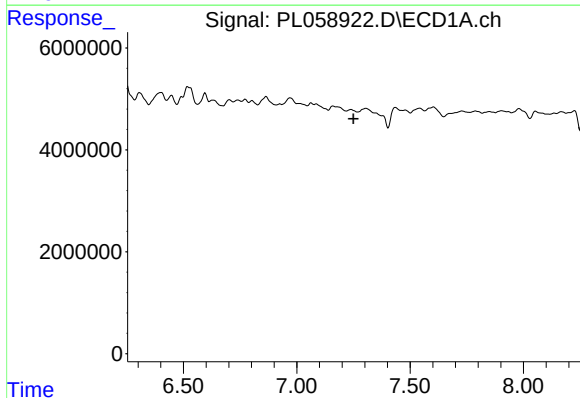
R.T.: 0.000 min  
Exp R.T.: 7.018 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



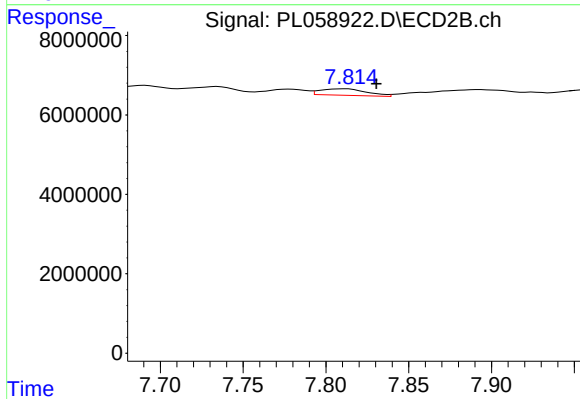
#20 Methoxychlor

R.T.: 7.691 min  
Delta R.T.: 0.015 min  
Response: 2287476  
Conc: 1.64 ng/ml



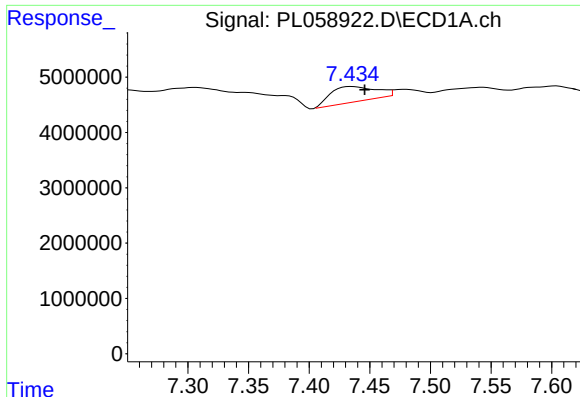
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.251 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

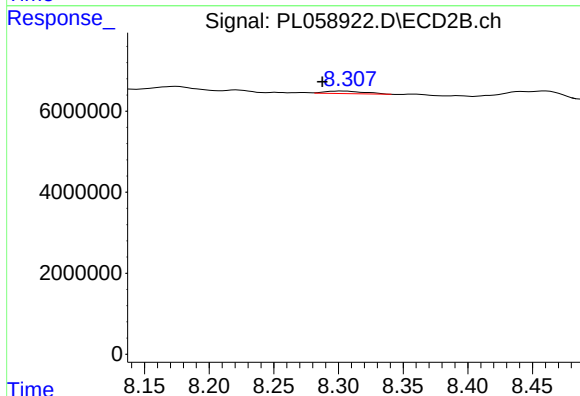
R.T.: 7.812 min  
Delta R.T.: -0.018 min  
Response: 3174344  
Conc: 1.15 ng/ml



#22 Mirex

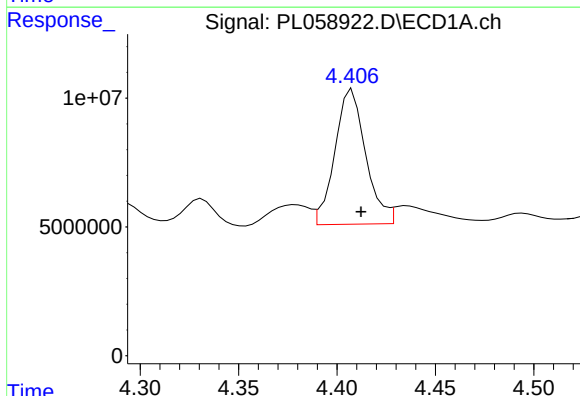
R.T.: 7.435 min  
Delta R.T.: -0.011 min  
Response: 7201858  
Conc: 4.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



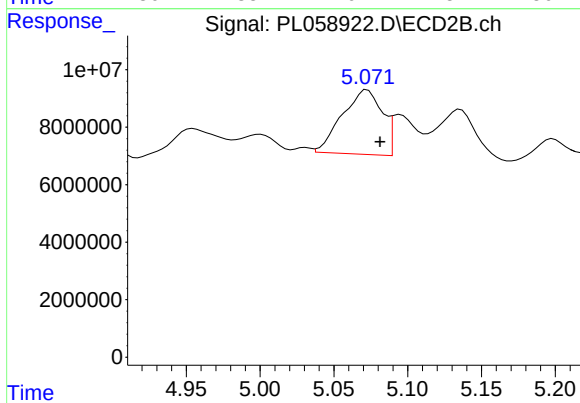
#22 Mirex

R.T.: 8.303 min  
Delta R.T.: 0.015 min  
Response: 1284330  
Conc: 0.59 ng/ml



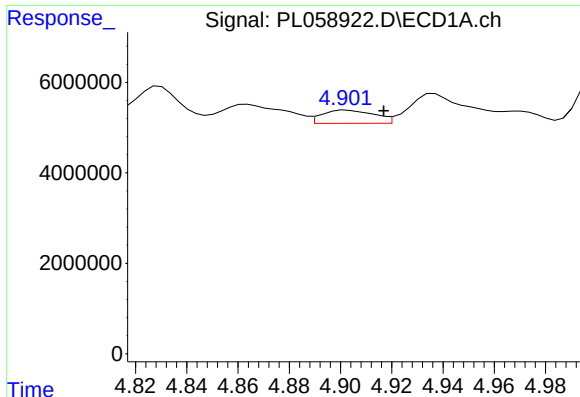
#23 Chlordane-1

R.T.: 4.408 min  
Delta R.T.: -0.004 min  
Response: 57231314  
Conc: 1093.83 ng/ml



#23 Chlordane-1

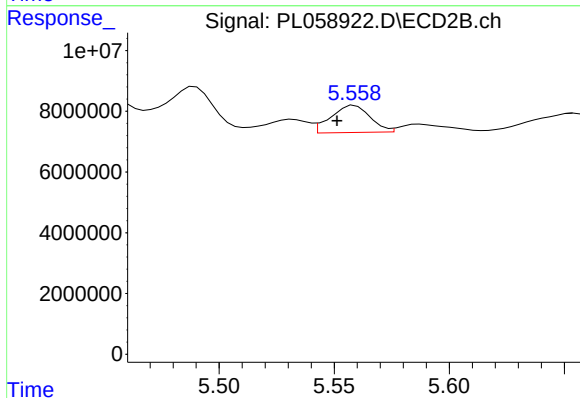
R.T.: 5.073 min  
Delta R.T.: -0.009 min  
Response: 42145046  
Conc: 439.41 ng/ml



#24 Chlordane-2

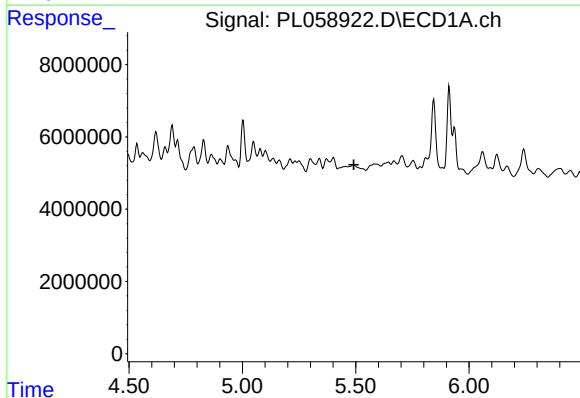
R.T.: 4.902 min  
Delta R.T.: -0.015 min  
Response: 4142906  
Conc: 71.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



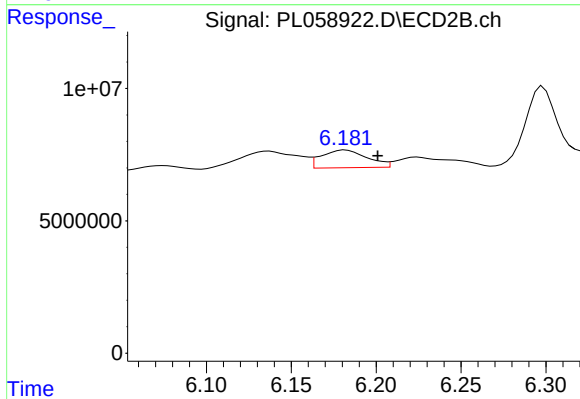
#24 Chlordane-2

R.T.: 5.559 min  
Delta R.T.: 0.008 min  
Response: 10630693  
Conc: 104.20 ng/ml



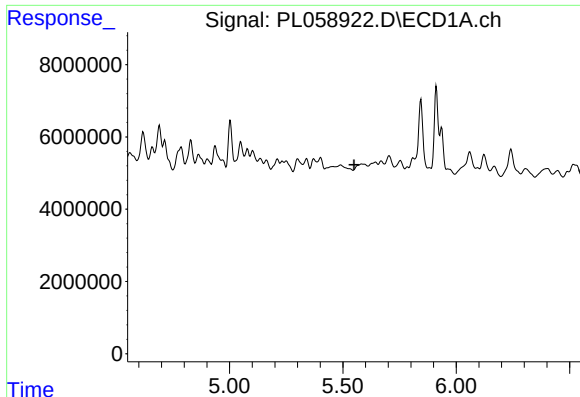
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 5.491 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

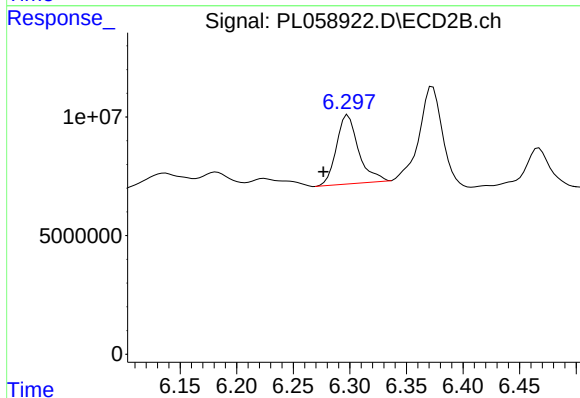
R.T.: 6.182 min  
Delta R.T.: -0.019 min  
Response: 12557998  
Conc: 32.99 ng/ml



#26 Chlordane-4

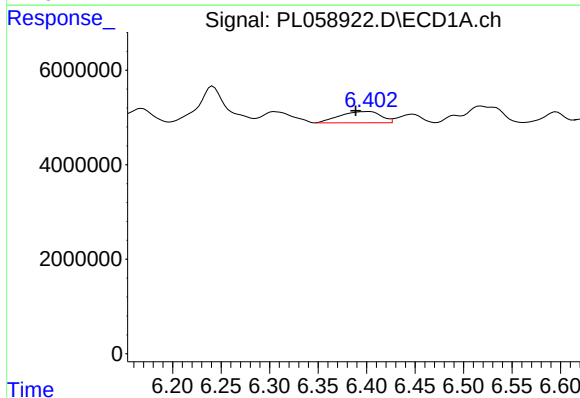
R.T.: 0.000 min  
Exp R.T.: 5.549 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



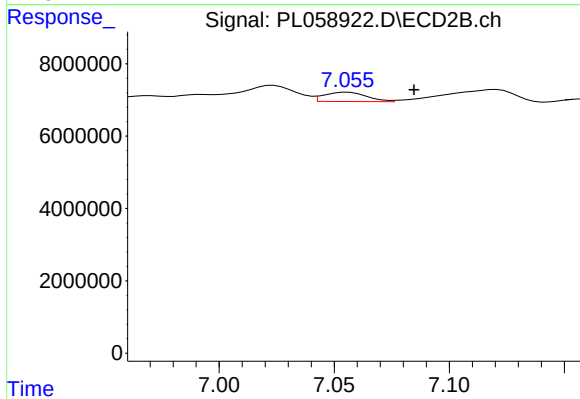
#26 Chlordane-4

R.T.: 6.298 min  
Delta R.T.: 0.022 min  
Response: 39492226  
Conc: 86.73 ng/ml



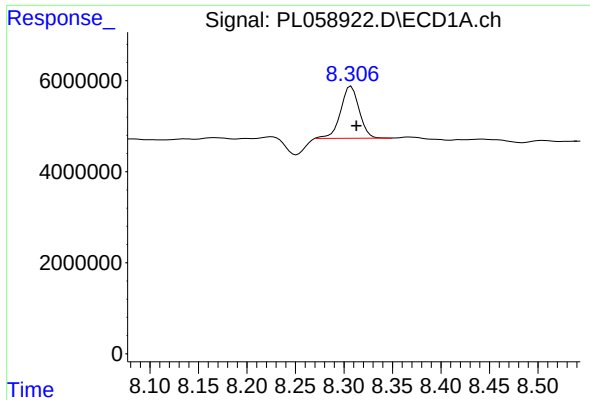
#27 Chlordane-5

R.T.: 6.403 min  
Delta R.T.: 0.014 min  
Response: 7006753  
Conc: 132.59 ng/ml



#27 Chlordane-5

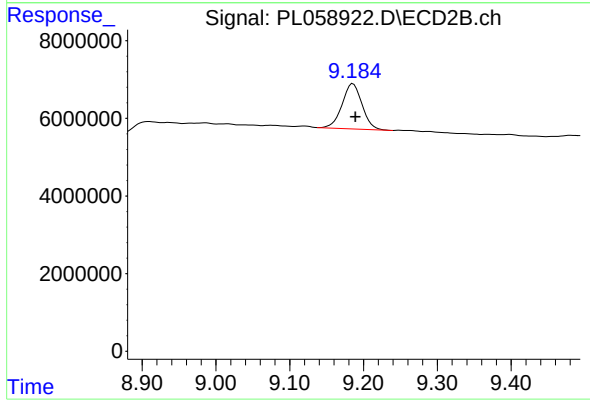
R.T.: 7.056 min  
Delta R.T.: -0.029 min  
Response: 3340547  
Conc: 42.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.307 min  
Delta R.T.: -0.005 min  
Response: 15144239  
Conc: 8.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
C0AP5



#28 Decachlorobiphenyl

R.T.: 9.186 min  
Delta R.T.: -0.004 min  
Response: 21920079  
Conc: 8.32 ng/ml