

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070621\  
 Data File : PL067970.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Jul 2021 15:17  
 Operator : AR\AJ  
 Sample : M2926-07MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 06 15:58:27 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 11 02:00:12 2021  
 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... | 4.479  | 5.525  | 11005389 | 19327010 | 20.018   | 20.501     |
| 28)                         | SA Decachlor... | 10.217 | 11.423 | 14944362 | 19399197 | 21.087   | 19.476     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.178  | 6.106  | 44110074 | 70911808 | 59.973   | 57.350     |
| 3)                          | MA gamma-BHC... | 5.597  | 6.502  | 40938196 | 67400882 | 54.626   | 57.169     |
| 4)                          | MA Heptachlor   | 6.007  | 7.149  | 41135181 | 62723391 | 54.534   | 56.243     |
| 5)                          | MB Aldrin       | 6.328  | 7.519  | 40575424 | 59555544 | 55.145   | 55.024     |
| 6)                          | B beta-BHC      | 5.980  | 6.758  | 18771553 | 29651087 | 52.463   | 54.605     |
| 7)                          | B delta-BHC     | 6.237  | 7.023  | 41434264 | 66262376 | 56.100   | 56.369     |
| 8)                          | B Heptachlo...  | 6.902  | 7.985  | 37372522 | 54650745 | 53.415   | 54.554     |
| 9)                          | A Endosulfan I  | 7.301  | 8.390  | 35770161 | 49708996 | 53.208   | 54.438     |
| 10)                         | B gamma-Chl...  | 7.180  | 8.255  | 38809546 | 54865112 | 53.530   | 54.340     |
| 11)                         | B alpha-Chl...  | 7.249  | 8.336  | 38636018 | 54077250 | 52.773   | 53.562     |
| 12)                         | B 4,4'-DDE      | 7.467  | 8.525  | 36418177 | 50489709 | 54.739   | 55.732     |
| 13)                         | MA Dieldrin     | 7.586  | 8.679  | 38550965 | 51396142 | 54.994   | 56.589     |
| 14)                         | MA Endrin       | 7.872  | 8.918  | 36391521 | 42629411 | 55.504   | 55.732     |
| 15)                         | B Endosulfa...  | 8.183  | 9.152  | 34050557 | 44728471 | 55.288   | 56.100     |
| 16)                         | A 4,4'-DDD      | 8.048  | 9.064  | 30959622 | 38464248 | 53.262   | 54.083     |
| 17)                         | MA 4,4'-DDT     | 8.308  | 9.381  | 32323343 | 37909568 | 55.550   | 51.708     |
| 18)                         | B Endrin al...  | 8.370  | 9.287  | 30003885 | 38439752 | 59.264   | 60.191     |
| 19)                         | B Endosulfa...  | 8.602  | 9.524  | 36050496 | 43087081 | 56.790   | 54.254     |
| 20)                         | A Methoxychlor  | 8.900  | 9.867  | 21045961 | 22191010 | 59.206   | 57.075     |
| 21)                         | B Endrin ke...  | 9.111  | 10.021 | 42334288 | 52095537 | 55.604   | 57.477     |
| 22)                         | Mirex           | 9.298  | 10.487 | 33187694 | 40580383 | 52.698   | 53.678     |
| 23)                         | Chlordane-1     | 0.000  | 6.934f | 0        | 364202   | N.D.     | 12.898 #   |
| 24)                         | Chlordane-2     | 6.508f | 7.519f | 1202262  | 59555544 | 44.897   | 1634.068 # |
| 25)                         | Chlordane-3     | 7.180  | 8.255  | 38809546 | 54865112 | 577.604  | 409.937 #  |
| 26)                         | Chlordane-4     | 7.249  | 8.336  | 38636018 | 54077250 | 528.691  | 333.603 #  |
| 27)                         | Chlordane-5     | 8.183  | 0.000  | 34050557 | 0        | 1556.307 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

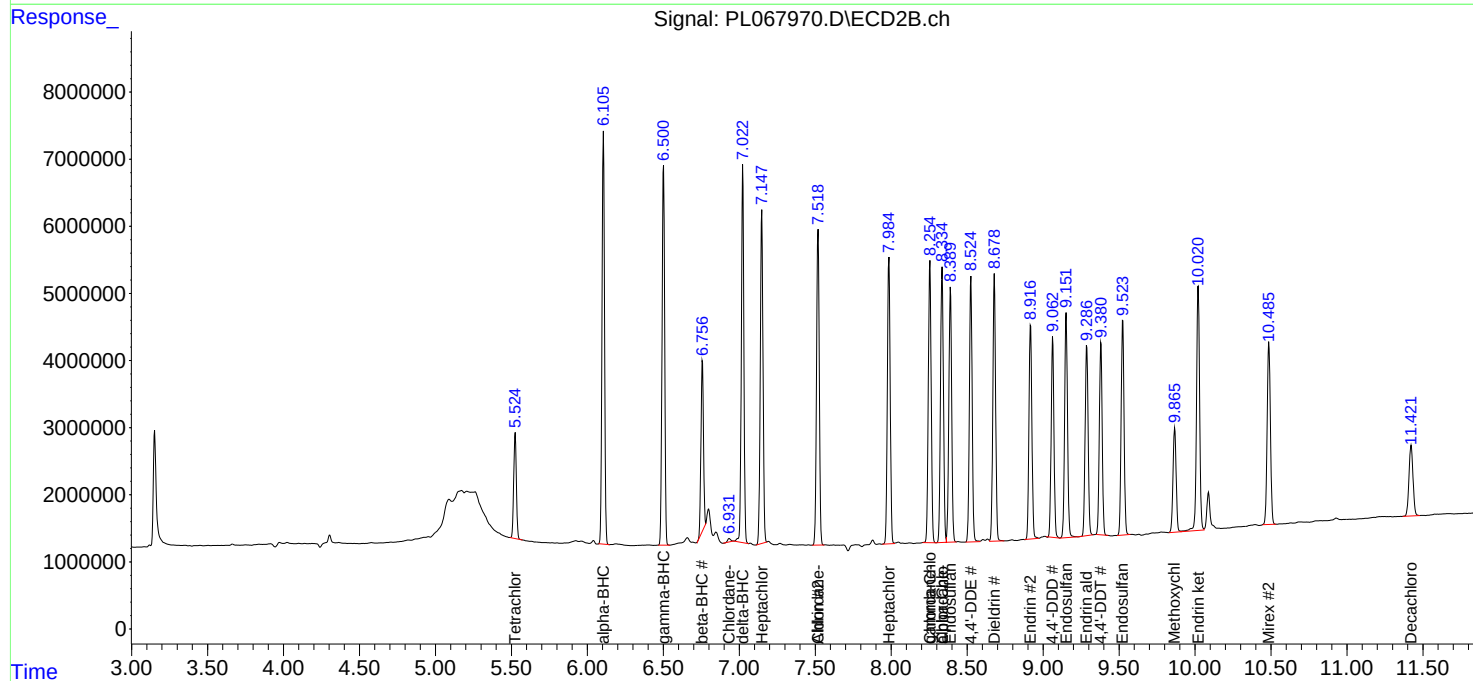
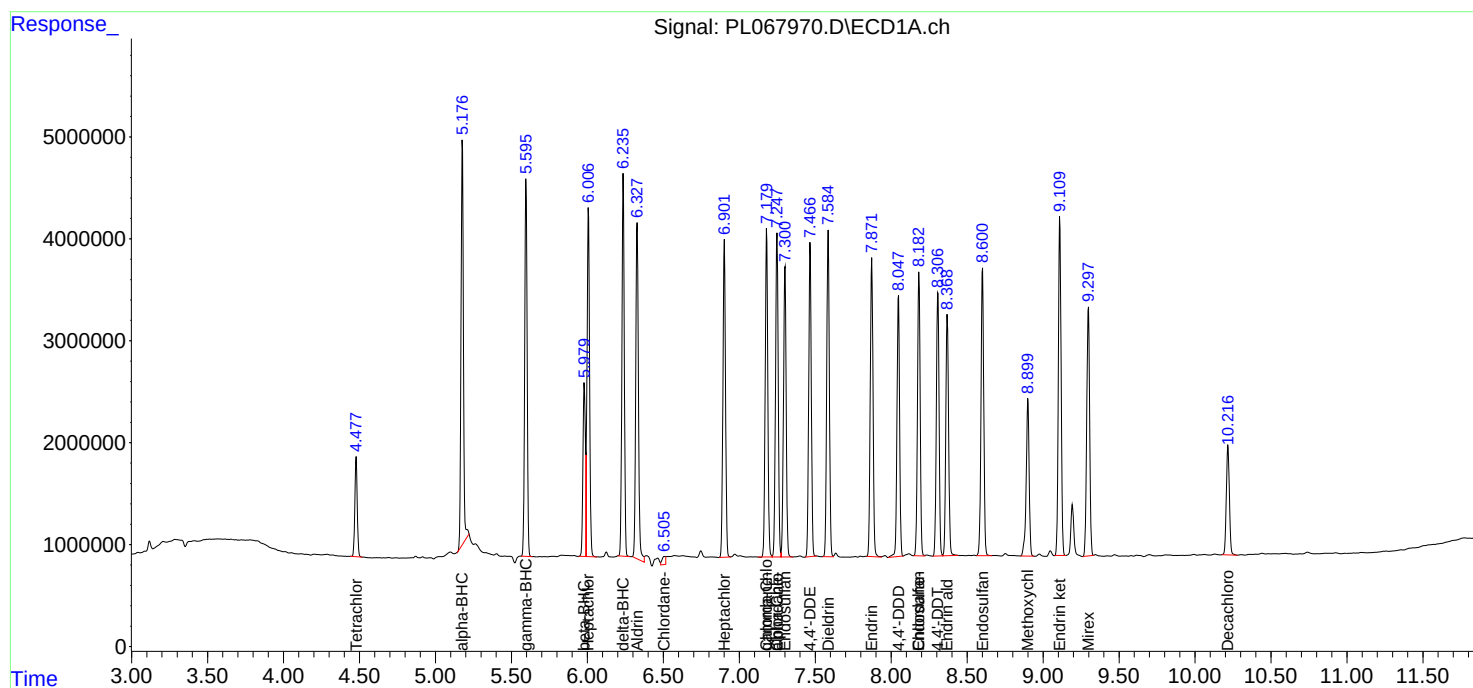
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

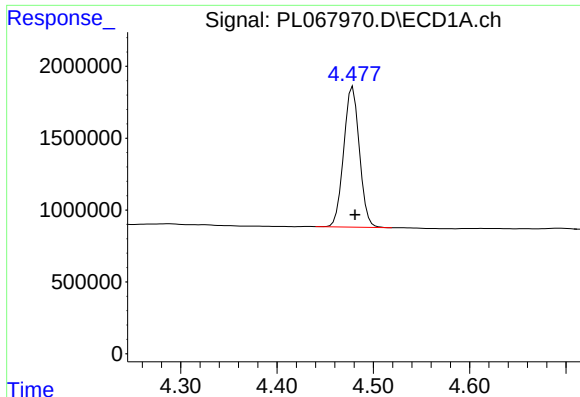
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070621\  
Data File : PL067970.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Jul 2021 15:17  
Operator : AR\AJ  
Sample : M2926-07MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 06 15:58:27 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 11 02:00:12 2021  
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

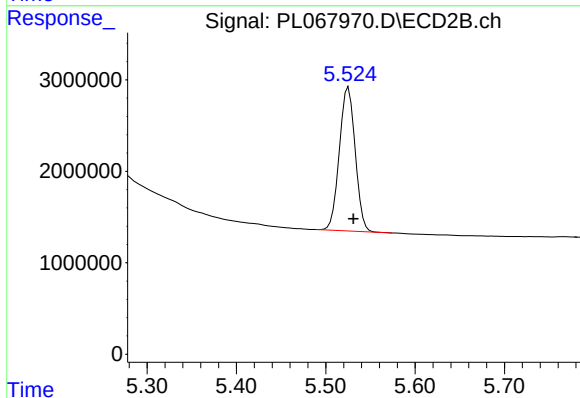




#1 Tetrachloro-m-xylene

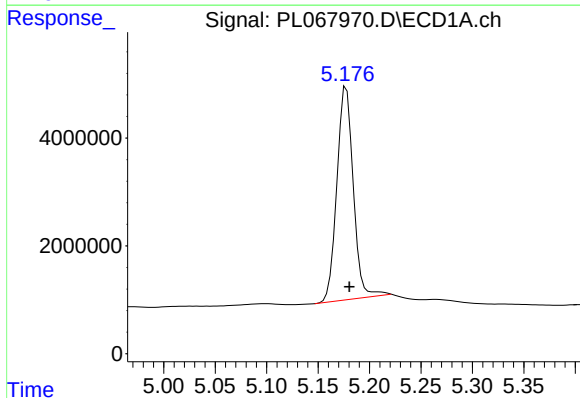
R.T.: 4.479 min  
Delta R.T.: -0.002 min  
Response: 11005389  
Conc: 20.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



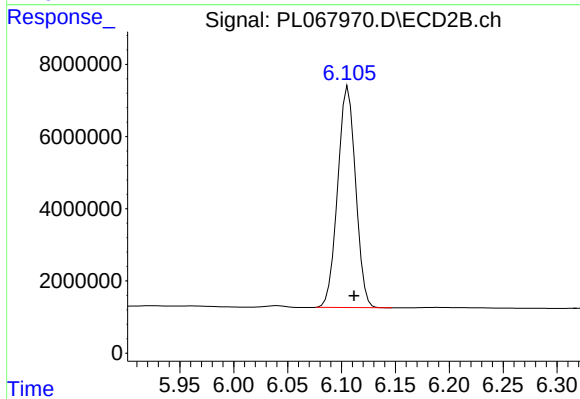
#1 Tetrachloro-m-xylene

R.T.: 5.525 min  
Delta R.T.: -0.006 min  
Response: 19327010  
Conc: 20.50 ng/ml



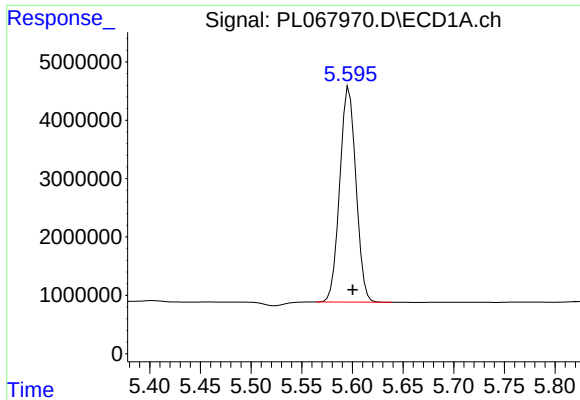
#2 alpha-BHC

R.T.: 5.178 min  
Delta R.T.: -0.003 min  
Response: 44110074  
Conc: 59.97 ng/ml



#2 alpha-BHC

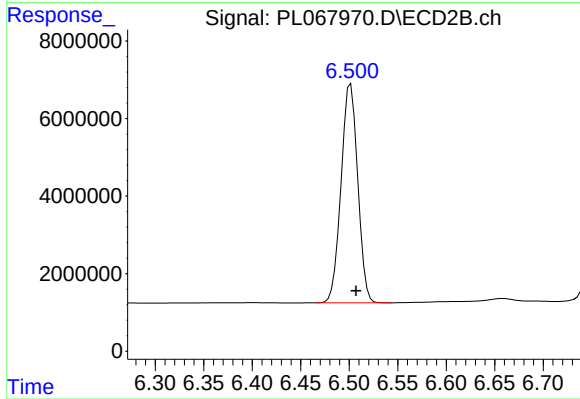
R.T.: 6.106 min  
Delta R.T.: -0.005 min  
Response: 70911808  
Conc: 57.35 ng/ml



#3 gamma-BHC (Lindane)

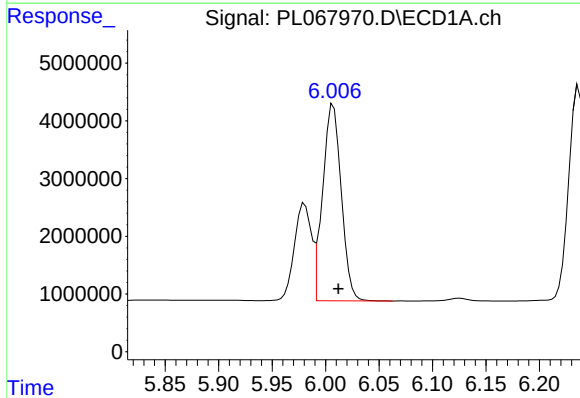
R.T.: 5.597 min  
Delta R.T.: -0.003 min  
Response: 40938196  
Conc: 54.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



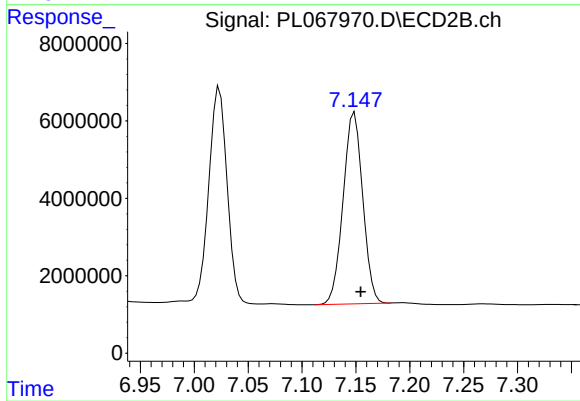
#3 gamma-BHC (Lindane)

R.T.: 6.502 min  
Delta R.T.: -0.006 min  
Response: 67400882  
Conc: 57.17 ng/ml



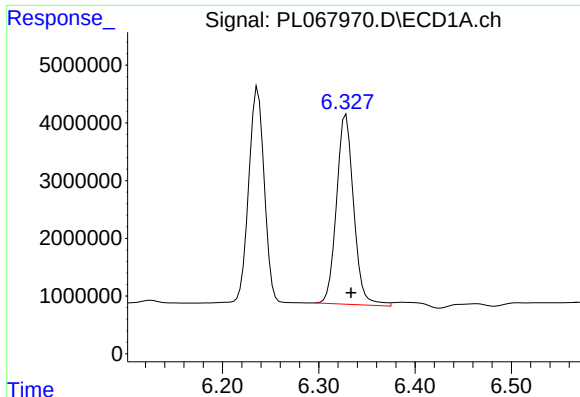
#4 Heptachlor

R.T.: 6.007 min  
Delta R.T.: -0.005 min  
Response: 41135181  
Conc: 54.53 ng/ml



#4 Heptachlor

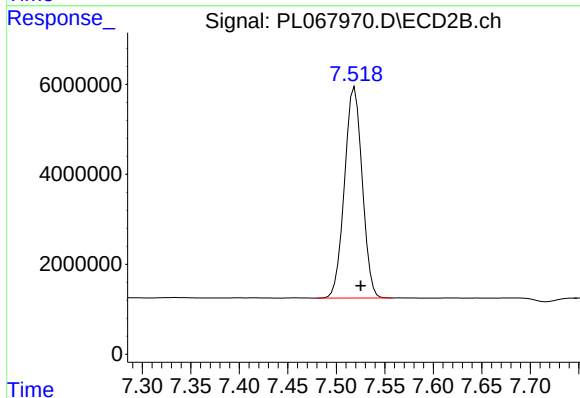
R.T.: 7.149 min  
Delta R.T.: -0.006 min  
Response: 62723391  
Conc: 56.24 ng/ml



#5 Aldrin

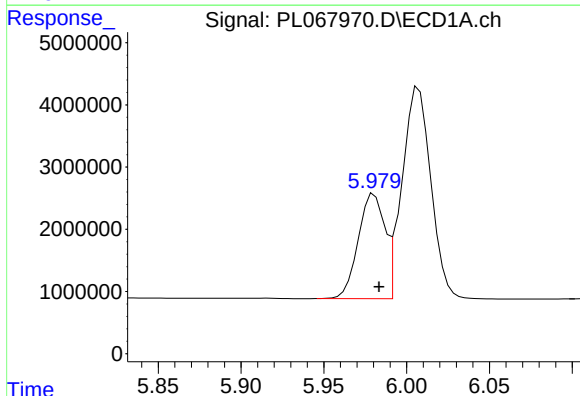
R.T.: 6.328 min  
Delta R.T.: -0.005 min  
Response: 40575424  
Conc: 55.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



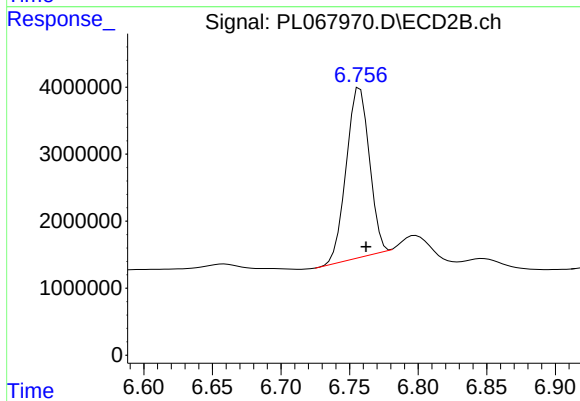
#5 Aldrin

R.T.: 7.519 min  
Delta R.T.: -0.006 min  
Response: 59555544  
Conc: 55.02 ng/ml



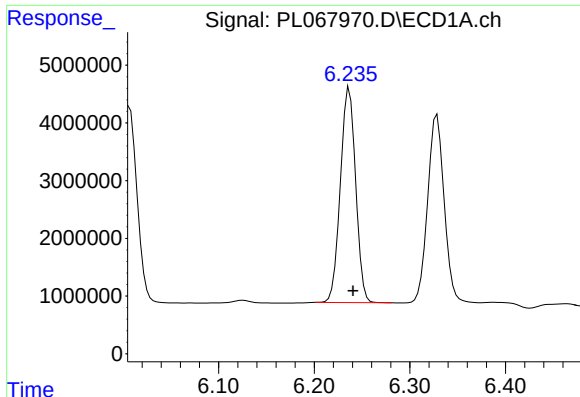
#6 beta-BHC

R.T.: 5.980 min  
Delta R.T.: -0.003 min  
Response: 18771553  
Conc: 52.46 ng/ml



#6 beta-BHC

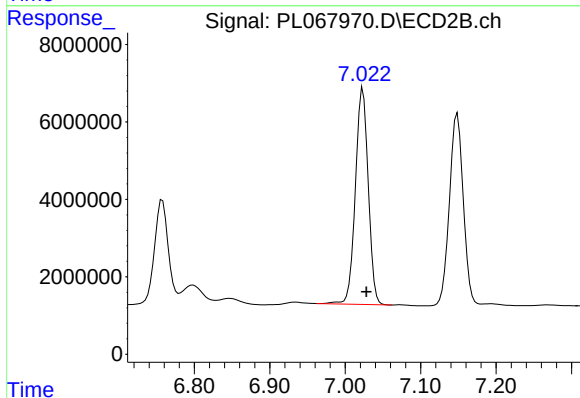
R.T.: 6.758 min  
Delta R.T.: -0.004 min  
Response: 29651087  
Conc: 54.60 ng/ml



#7 delta-BHC

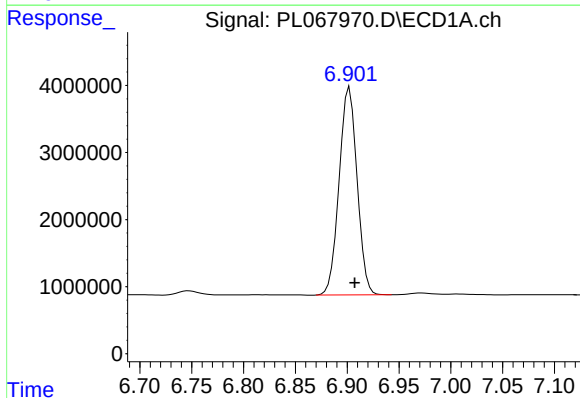
R.T.: 6.237 min  
Delta R.T.: -0.004 min  
Response: 41434264  
Conc: 56.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



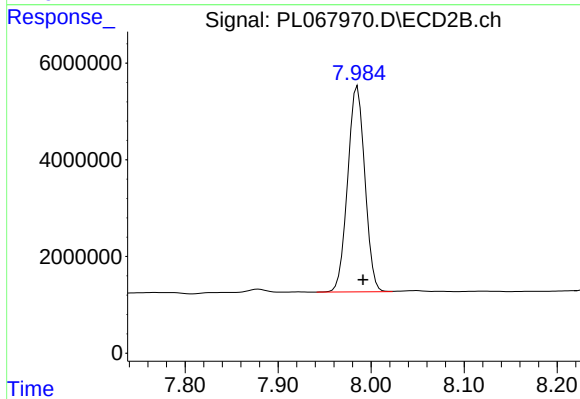
#7 delta-BHC

R.T.: 7.023 min  
Delta R.T.: -0.005 min  
Response: 66262376  
Conc: 56.37 ng/ml



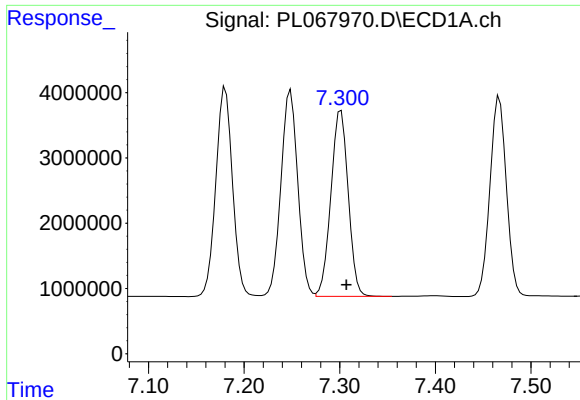
#8 Heptachlor epoxide

R.T.: 6.902 min  
Delta R.T.: -0.005 min  
Response: 37372522  
Conc: 53.42 ng/ml



#8 Heptachlor epoxide

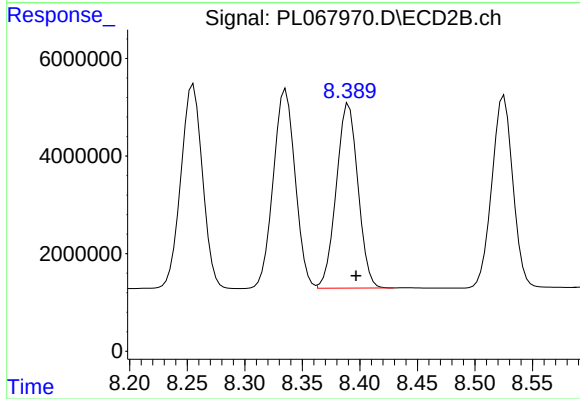
R.T.: 7.985 min  
Delta R.T.: -0.006 min  
Response: 54650745  
Conc: 54.55 ng/ml



#9 Endosulfan I

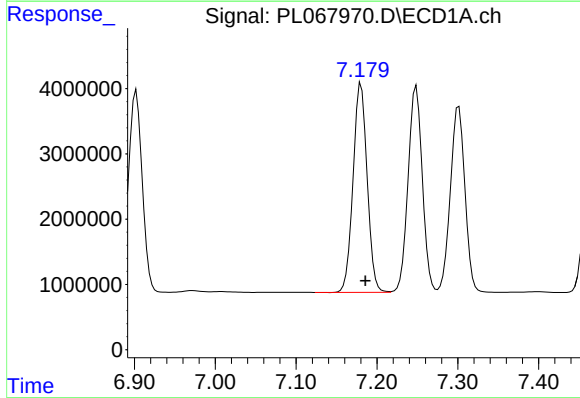
R.T.: 7.301 min  
Delta R.T.: -0.006 min  
Response: 35770161  
Conc: 53.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



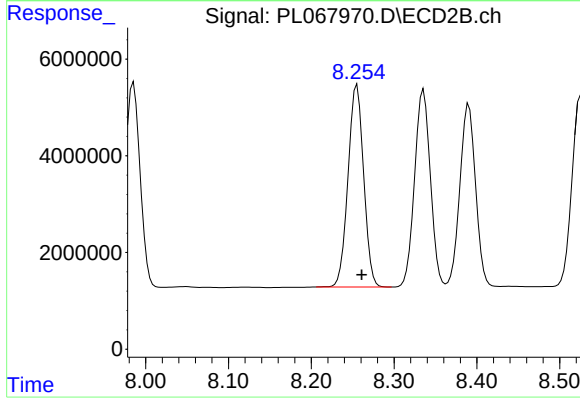
#9 Endosulfan I

R.T.: 8.390 min  
Delta R.T.: -0.006 min  
Response: 49708996  
Conc: 54.44 ng/ml



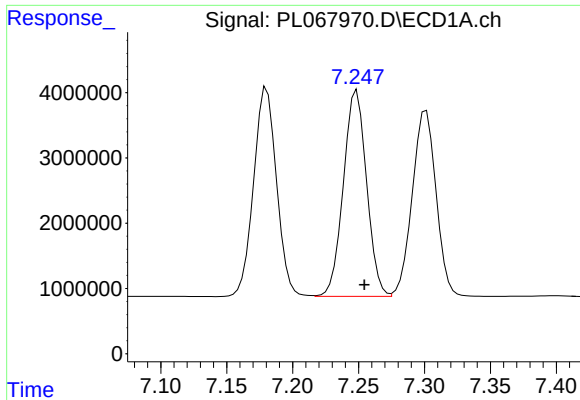
#10 gamma-Chlordane

R.T.: 7.180 min  
Delta R.T.: -0.005 min  
Response: 38809546  
Conc: 53.53 ng/ml



#10 gamma-Chlordane

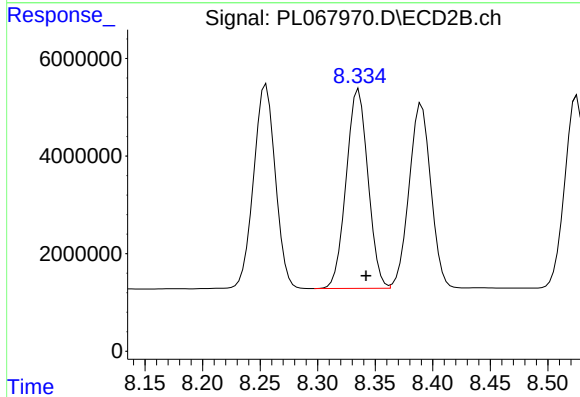
R.T.: 8.255 min  
Delta R.T.: -0.006 min  
Response: 54865112  
Conc: 54.34 ng/ml



#11 alpha-Chlordane

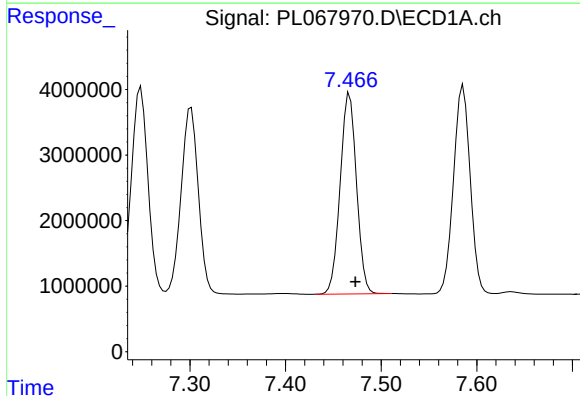
R.T.: 7.249 min  
Delta R.T.: -0.006 min  
Response: 38636018  
Conc: 52.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



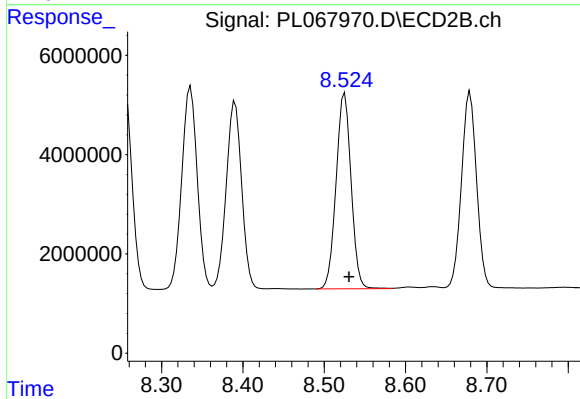
#11 alpha-Chlordane

R.T.: 8.336 min  
Delta R.T.: -0.006 min  
Response: 54077250  
Conc: 53.56 ng/ml



#12 4,4'-DDE

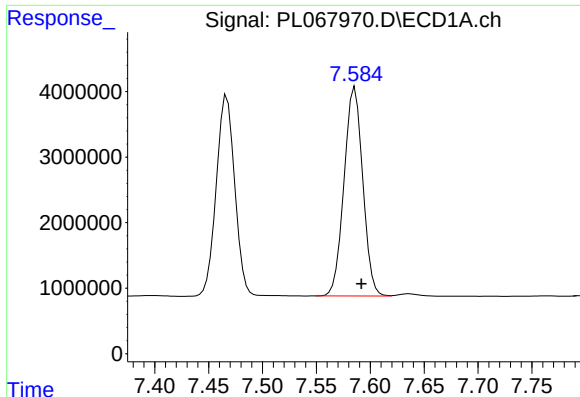
R.T.: 7.467 min  
Delta R.T.: -0.006 min  
Response: 36418177  
Conc: 54.74 ng/ml



#12 4,4'-DDE

R.T.: 8.525 min  
Delta R.T.: -0.005 min  
Response: 50489709  
Conc: 55.73 ng/ml

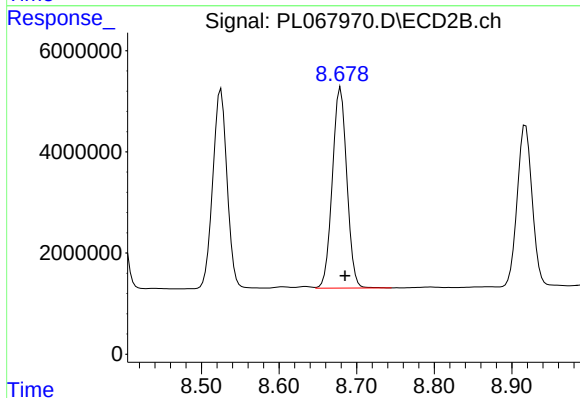




#13 Dieldrin

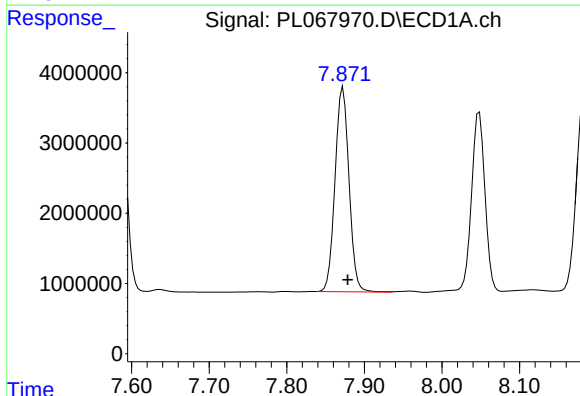
R.T.: 7.586 min  
Delta R.T.: -0.006 min  
Response: 38550965  
Conc: 54.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



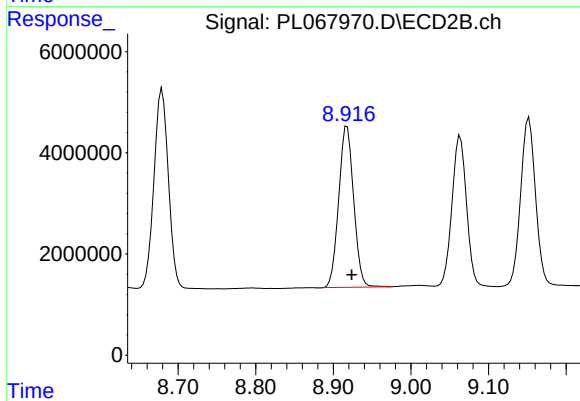
#13 Dieldrin

R.T.: 8.679 min  
Delta R.T.: -0.006 min  
Response: 51396142  
Conc: 56.59 ng/ml



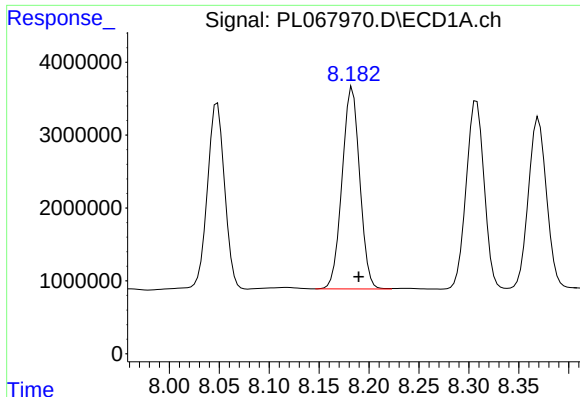
#14 Endrin

R.T.: 7.872 min  
Delta R.T.: -0.006 min  
Response: 36391521  
Conc: 55.50 ng/ml



#14 Endrin

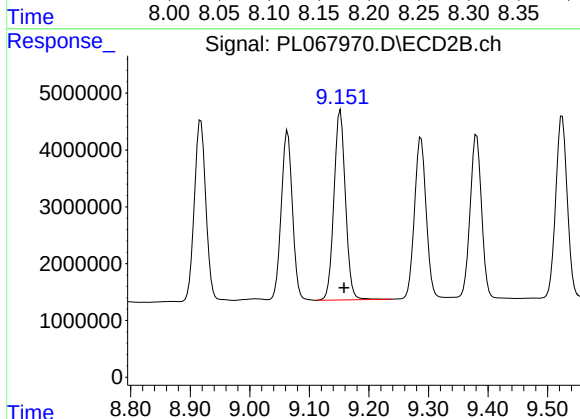
R.T.: 8.918 min  
Delta R.T.: -0.006 min  
Response: 42629411  
Conc: 55.73 ng/ml



#15 Endosulfan II

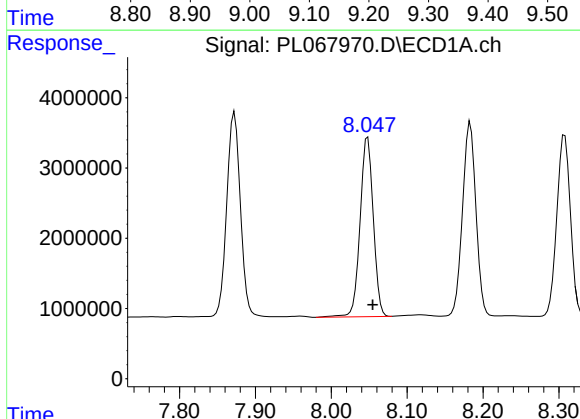
R.T.: 8.183 min  
Delta R.T.: -0.006 min  
Response: 34050557  
Conc: 55.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



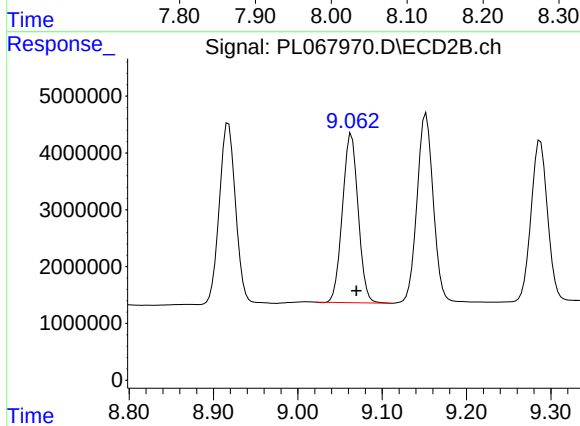
#15 Endosulfan II

R.T.: 9.152 min  
Delta R.T.: -0.006 min  
Response: 44728471  
Conc: 56.10 ng/ml



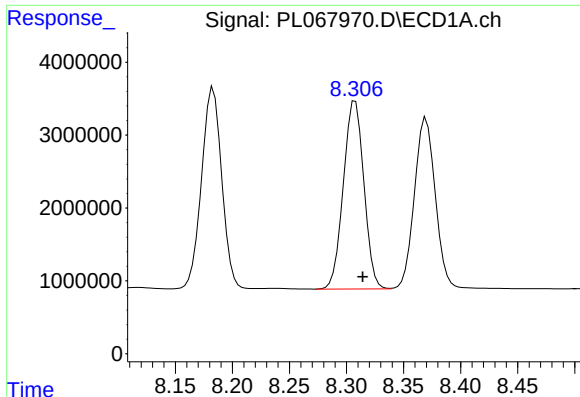
#16 4,4'-DDD

R.T.: 8.048 min  
Delta R.T.: -0.007 min  
Response: 30959622  
Conc: 53.26 ng/ml



#16 4,4'-DDD

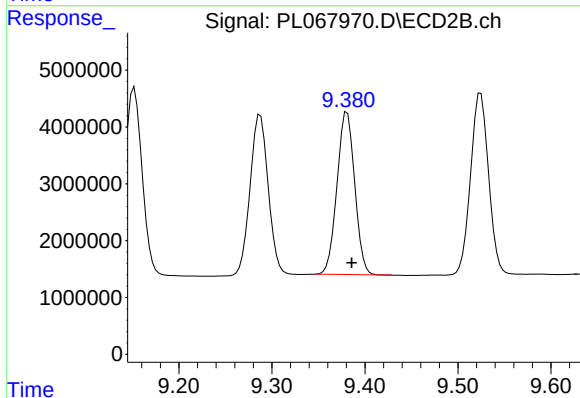
R.T.: 9.064 min  
Delta R.T.: -0.006 min  
Response: 38464248  
Conc: 54.08 ng/ml



#17 4,4'-DDT

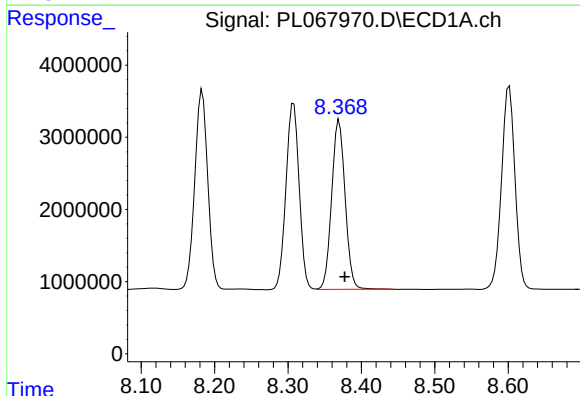
R.T.: 8.308 min  
Delta R.T.: -0.007 min  
Response: 32323343  
Conc: 55.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



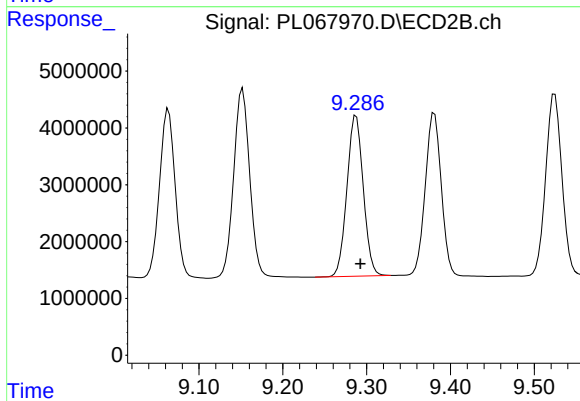
#17 4,4'-DDT

R.T.: 9.381 min  
Delta R.T.: -0.005 min  
Response: 37909568  
Conc: 51.71 ng/ml



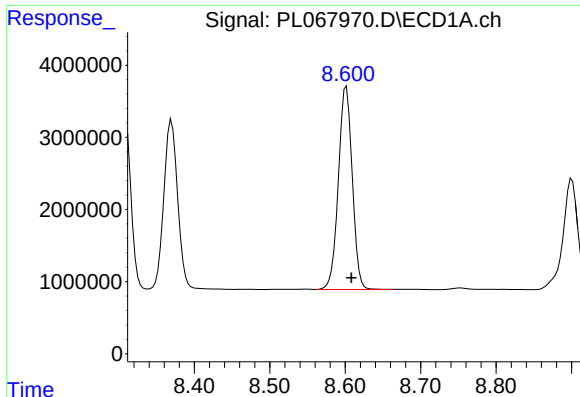
#18 Endrin aldehyde

R.T.: 8.370 min  
Delta R.T.: -0.007 min  
Response: 30003885  
Conc: 59.26 ng/ml



#18 Endrin aldehyde

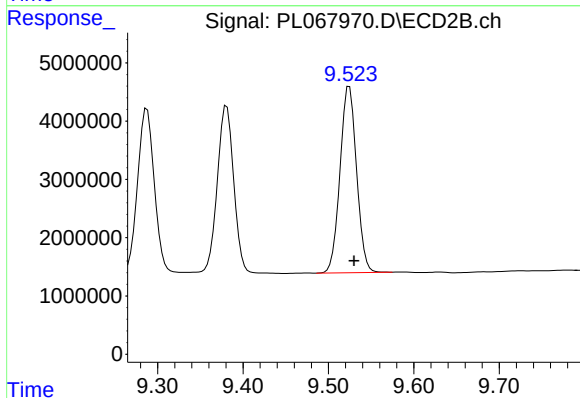
R.T.: 9.287 min  
Delta R.T.: -0.005 min  
Response: 38439752  
Conc: 60.19 ng/ml



#19 Endosulfan Sulfate

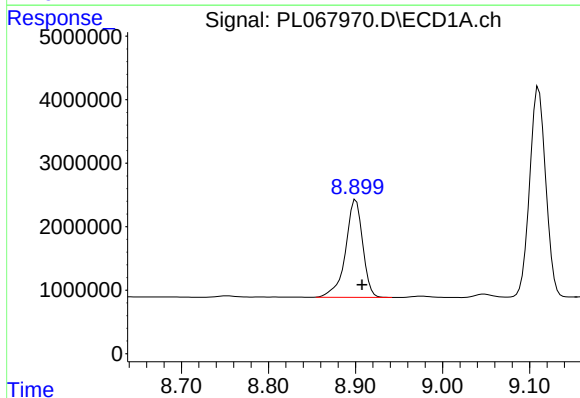
R.T.: 8.602 min  
Delta R.T.: -0.007 min  
Response: 36050496  
Conc: 56.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



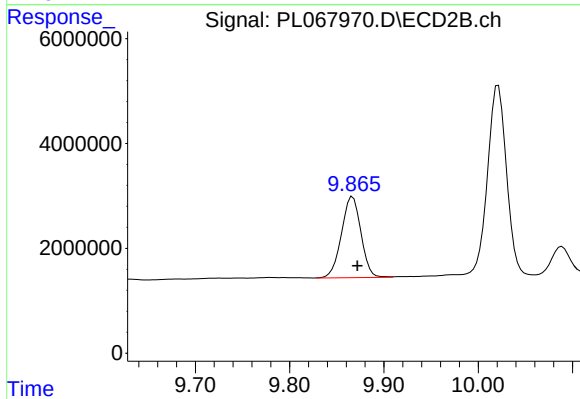
#19 Endosulfan Sulfate

R.T.: 9.524 min  
Delta R.T.: -0.006 min  
Response: 43087081  
Conc: 54.25 ng/ml



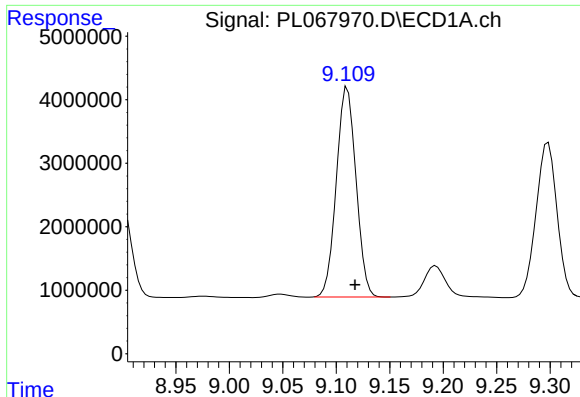
#20 Methoxychlor

R.T.: 8.900 min  
Delta R.T.: -0.007 min  
Response: 21045961  
Conc: 59.21 ng/ml



#20 Methoxychlor

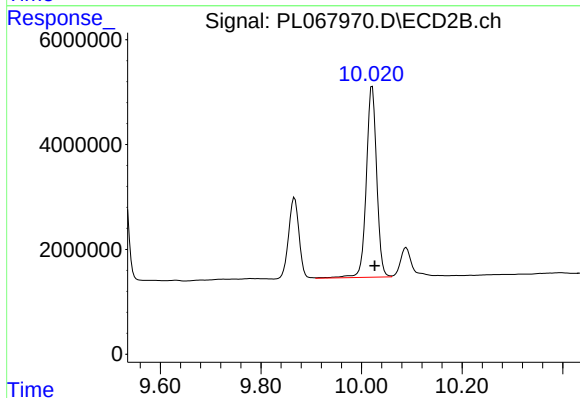
R.T.: 9.867 min  
Delta R.T.: -0.005 min  
Response: 22191010  
Conc: 57.08 ng/ml



#21 Endrin ketone

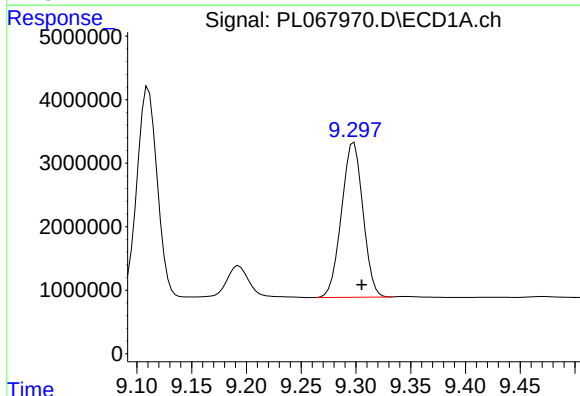
R.T.: 9.111 min  
Delta R.T.: -0.007 min  
Response: 42334288  
Conc: 55.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



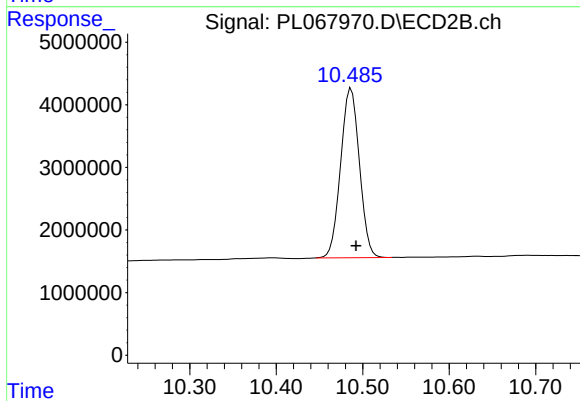
#21 Endrin ketone

R.T.: 10.021 min  
Delta R.T.: -0.005 min  
Response: 52095537  
Conc: 57.48 ng/ml



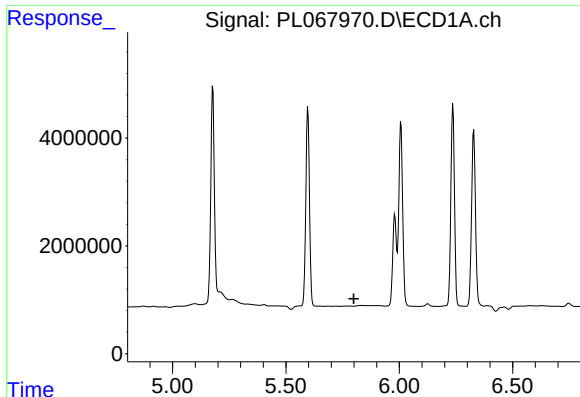
#22 Mirex

R.T.: 9.298 min  
Delta R.T.: -0.007 min  
Response: 33187694  
Conc: 52.70 ng/ml



#22 Mirex

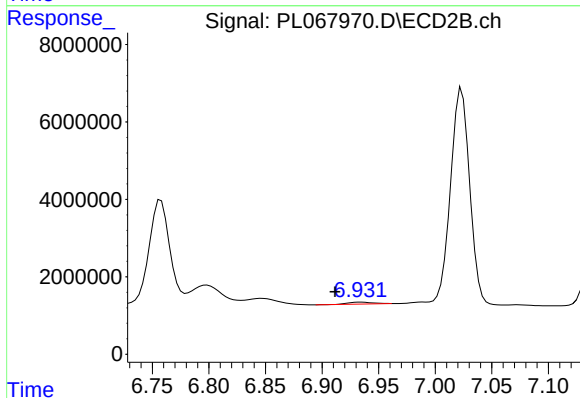
R.T.: 10.487 min  
Delta R.T.: -0.006 min  
Response: 40580383  
Conc: 53.68 ng/ml



#23 Chlordane-1

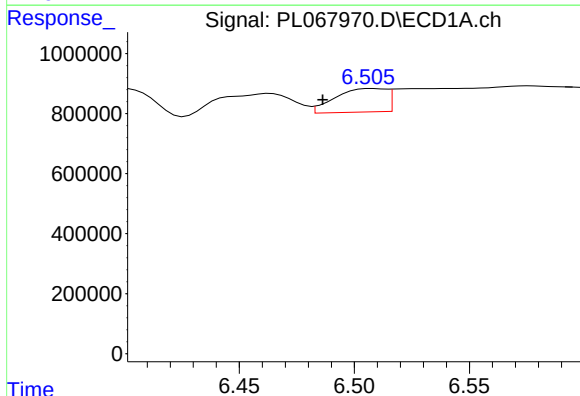
R.T.: 0.000 min  
Exp R.T.: 5.800 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



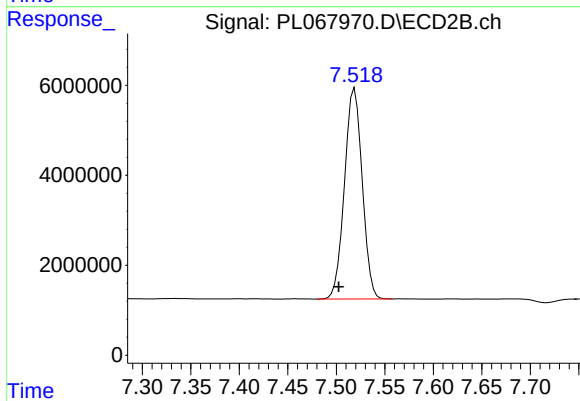
#23 Chlordane-1

R.T.: 6.934 min  
Delta R.T.: 0.022 min  
Response: 364202  
Conc: 12.90 ng/ml



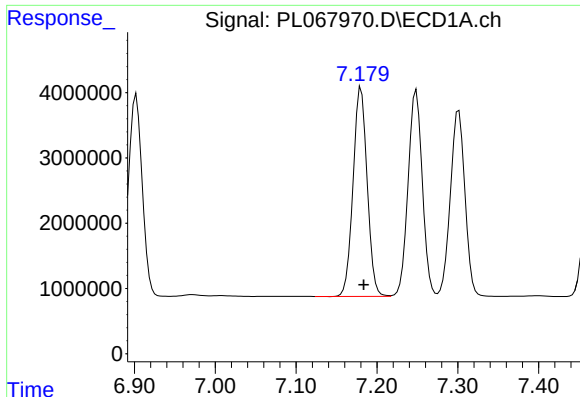
#24 Chlordane-2

R.T.: 6.508 min  
Delta R.T.: 0.022 min  
Response: 1202262  
Conc: 44.90 ng/ml



#24 Chlordane-2

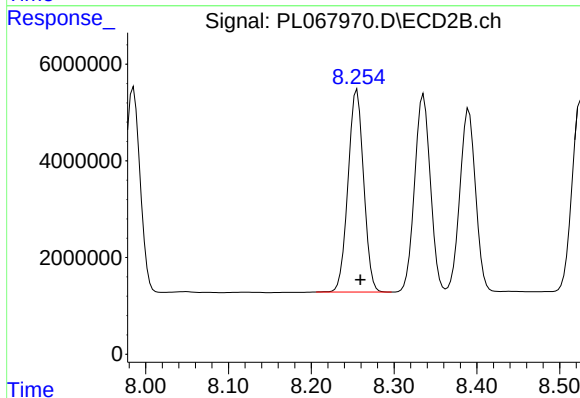
R.T.: 7.519 min  
Delta R.T.: 0.016 min  
Response: 5955544  
Conc: 1634.07 ng/ml



#25 Chlordane-3

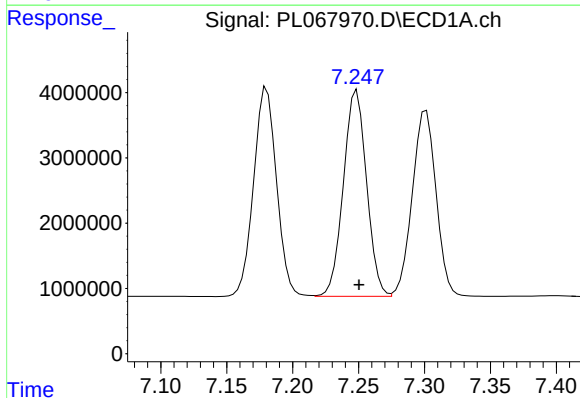
R.T.: 7.180 min  
Delta R.T.: -0.003 min  
Response: 38809546  
Conc: 577.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



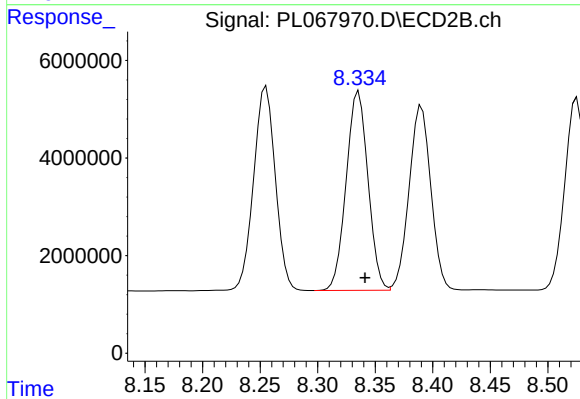
#25 Chlordane-3

R.T.: 8.255 min  
Delta R.T.: -0.004 min  
Response: 54865112  
Conc: 409.94 ng/ml



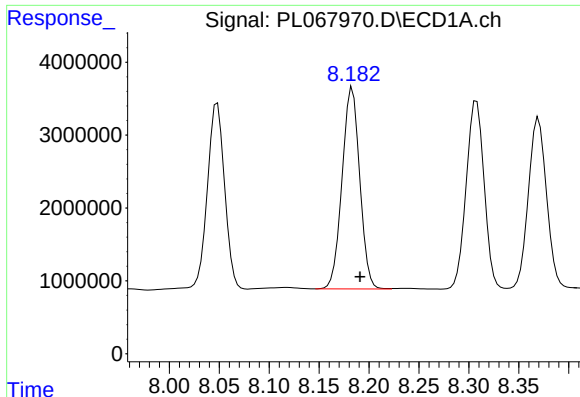
#26 Chlordane-4

R.T.: 7.249 min  
Delta R.T.: -0.002 min  
Response: 38636018  
Conc: 528.69 ng/ml



#26 Chlordane-4

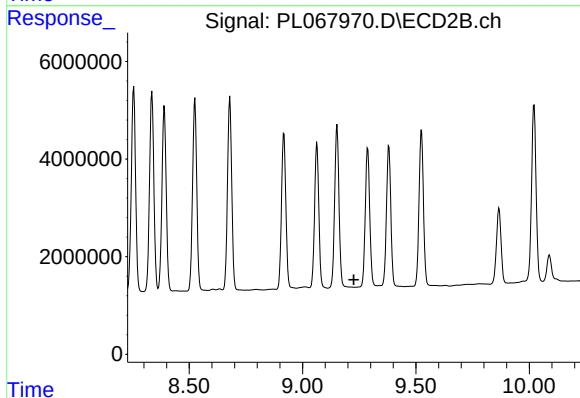
R.T.: 8.336 min  
Delta R.T.: -0.006 min  
Response: 54077250  
Conc: 333.60 ng/ml



#27 Chlordane-5

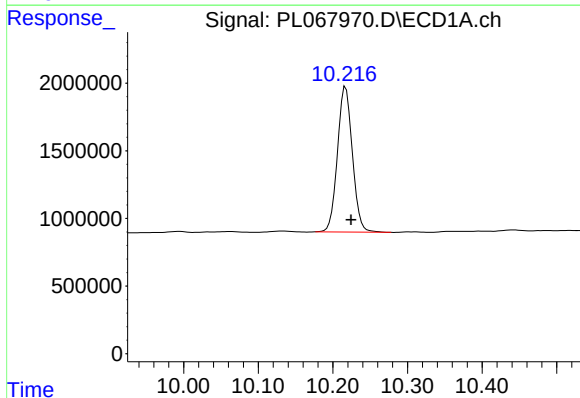
R.T.: 8.183 min  
Delta R.T.: -0.008 min  
Response: 34050557  
Conc: 1556.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



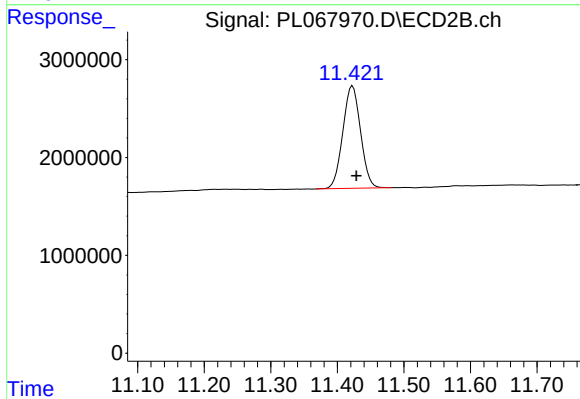
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.227 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.217 min  
Delta R.T.: -0.007 min  
Response: 14944362  
Conc: 21.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.423 min  
Delta R.T.: -0.006 min  
Response: 19399197  
Conc: 19.48 ng/ml