

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072921\  
 Data File : PL0CCC-5.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jul 2021 01:24  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 30 01:36:18 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 11:44:21 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... | 4.641  | 5.570  | 25195506 | 57435935 | 58.706   | 56.286     |
| 28)                         | SA Decachlor... | 10.416 | 11.493 | 27438534 | 47395815 | 48.787   | 53.135     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.349  | 6.150  | 34525428 | 78089117 | 58.978   | 57.434     |
| 3)                          | MA gamma-BHC... | 5.771  | 6.546  | 33234692 | 71711668 | 58.466   | 55.582     |
| 4)                          | MA Heptachlor   | 6.183  | 7.196  | 32465629 | 66632598 | 53.264   | 51.125     |
| 5)                          | MB Aldrin       | 6.509  | 7.567  | 32669697 | 66052074 | 58.136   | 55.671     |
| 6)                          | B beta-BHC      | 6.151  | 6.798  | 16959501 | 34391612 | 57.957   | 48.681     |
| 7)                          | B delta-BHC     | 6.412  | 7.067  | 32990947 | 67342043 | 59.047   | 54.964     |
| 8)                          | B Heptachlo...  | 7.085  | 8.033  | 31143101 | 60995441 | 56.058   | 53.949     |
| 9)                          | A Endosulfan I  | 7.489  | 8.438  | 29046981 | 54367761 | 54.985   | 52.805     |
| 10)                         | B gamma-Chl...  | 7.362  | 8.302  | 31661056 | 59734563 | 55.181   | 53.040     |
| 11)                         | B alpha-Chl...  | 7.433  | 8.383  | 31368864 | 58666382 | 54.617   | 52.161     |
| 12)                         | B 4,4'-DDE      | 7.646  | 8.570  | 28259311 | 55236301 | 56.079   | 53.597     |
| 13)                         | MA Dieldrin     | 7.775  | 8.728  | 29874695 | 57129598 | 55.500   | 53.863     |
| 14)                         | MA Endrin       | 8.066  | 8.967  | 25986228 | 44024232 | 51.963   | 49.235     |
| 15)                         | B Endosulfa...  | 8.376  | 9.201  | 26103150 | 46366535 | 52.872   | 51.155     |
| 16)                         | A 4,4'-DDD      | 8.232  | 9.110  | 27409739 | 49948197 | 61.363   | 58.661     |
| 17)                         | MA 4,4'-DDT     | 8.494  | 9.427  | 20324556 | 36562395 | 40.520   | 38.738     |
| 18)                         | B Endrin al...  | 8.564  | 9.335  | 20659937 | 36670481 | 52.154   | 50.880     |
| 19)                         | B Endosulfa...  | 8.795  | 9.573  | 27193624 | 45981021 | 51.751   | 51.063     |
| 20)                         | A Methoxychlor  | 9.089  | 9.912  | 12451591 | 19374534 | 39.806   | 38.136     |
| 21)                         | B Endrin ke...  | 9.315  | 10.071 | 31393343 | 51902111 | 53.019   | 52.041     |
| 22)                         | Mirex           | 9.504  | 10.539 | 25188276 | 37921134 | 51.007   | 49.017     |
| 24)                         | Chlordane-2     | 6.656  | 7.567f | 253454   | 66052074 | 11.818   | 1587.599 # |
| 25)                         | Chlordane-3     | 7.362  | 8.302  | 31661056 | 59734563 | 587.907  | 385.708 #  |
| 26)                         | Chlordane-4     | 7.433  | 8.383  | 31368864 | 58666382 | 555.597  | 312.919 #  |
| 27)                         | Chlordane-5     | 8.376  | 0.000  | 26103150 | 0        | 1296.970 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

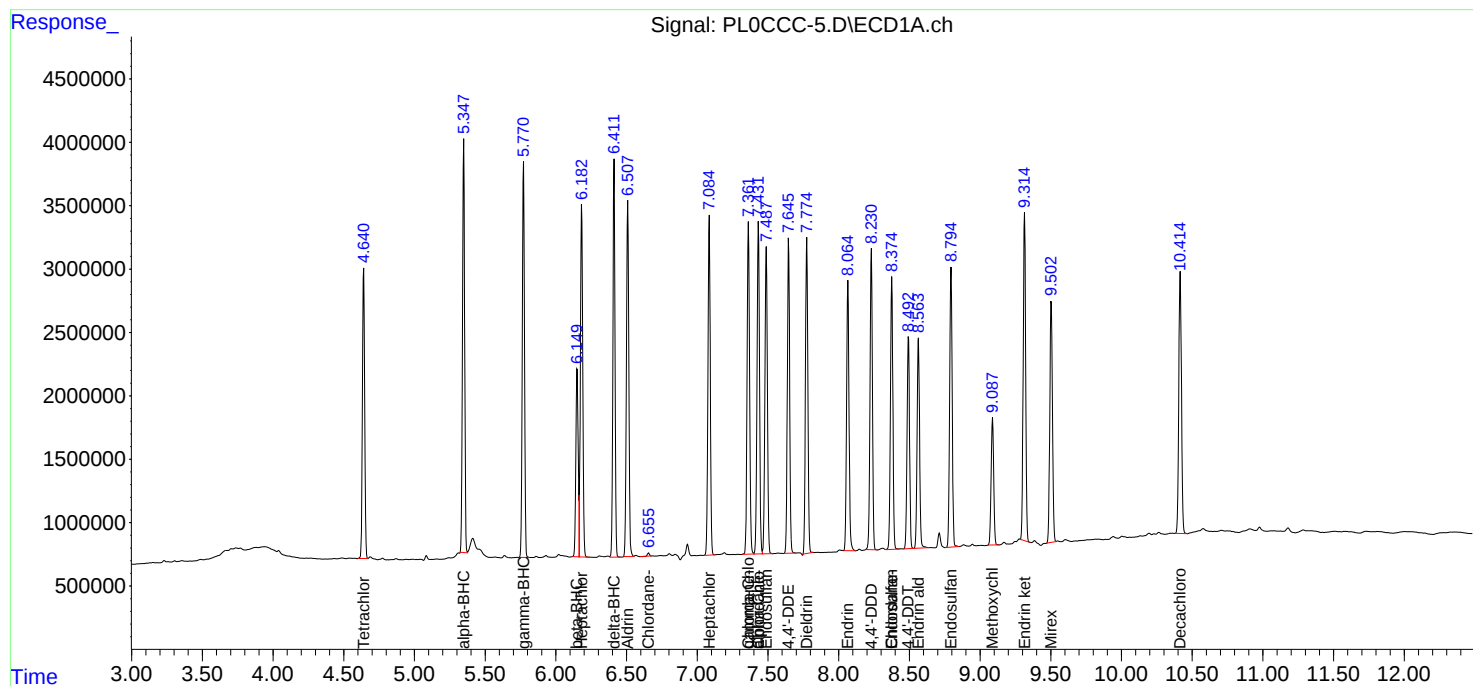
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

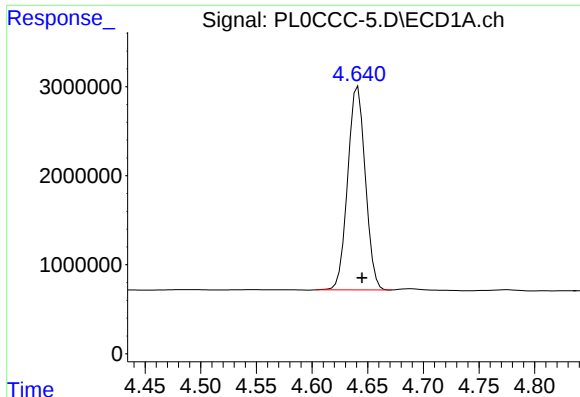
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072921\  
Data File : PL0CCC-5.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2021 01:24  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 01:36:18 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 20 11:44:21 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

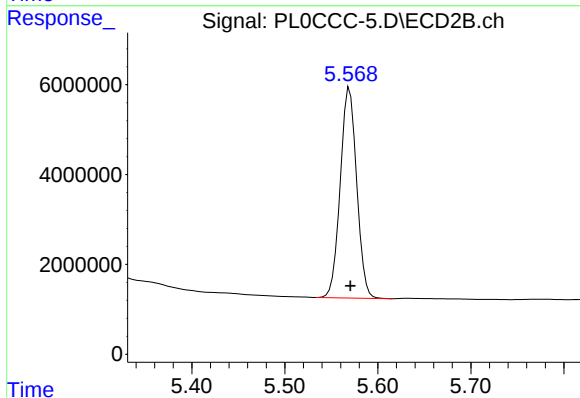




#1 Tetrachloro-m-xylene

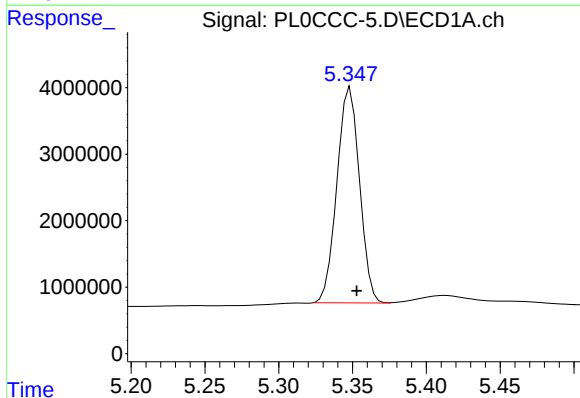
R.T.: 4.641 min  
Delta R.T.: -0.004 min  
Response: 25195506  
Conc: 58.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



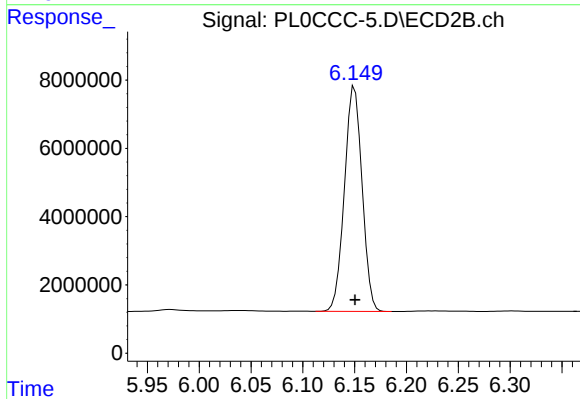
#1 Tetrachloro-m-xylene

R.T.: 5.570 min  
Delta R.T.: -0.001 min  
Response: 57435935  
Conc: 56.29 ng/ml



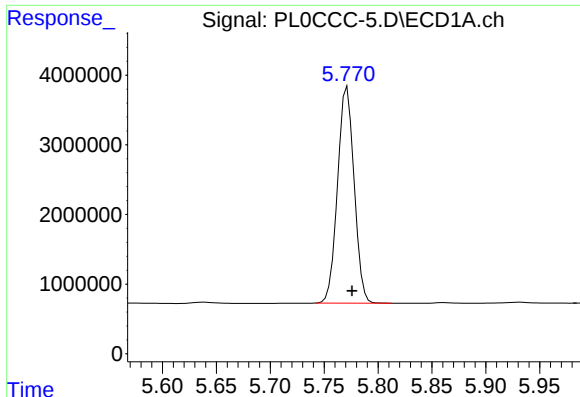
#2 alpha-BHC

R.T.: 5.349 min  
Delta R.T.: -0.004 min  
Response: 34525428  
Conc: 58.98 ng/ml



#2 alpha-BHC

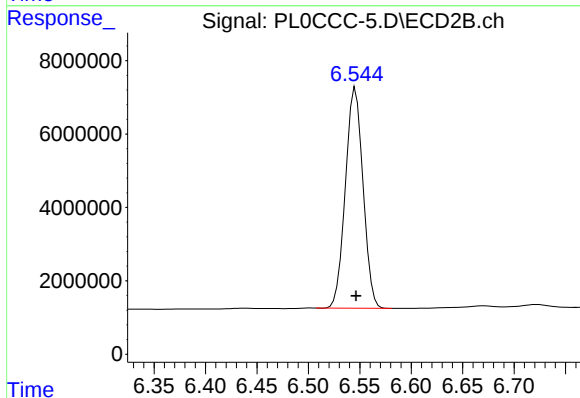
R.T.: 6.150 min  
Delta R.T.: 0.000 min  
Response: 78089117  
Conc: 57.43 ng/ml



#3 gamma-BHC (Lindane)

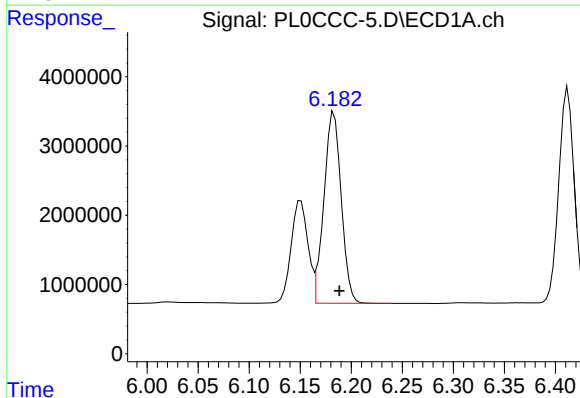
R.T.: 5.771 min  
Delta R.T.: -0.004 min  
Response: 33234692  
Conc: 58.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



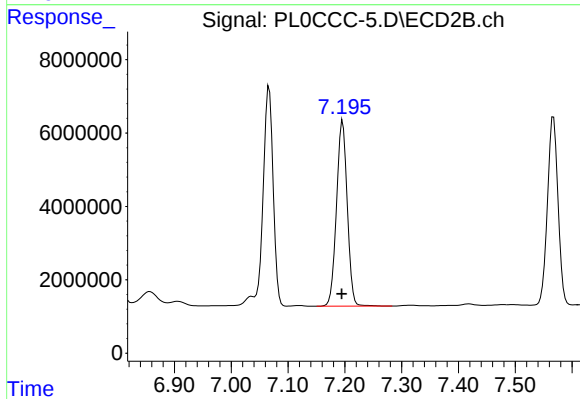
#3 gamma-BHC (Lindane)

R.T.: 6.546 min  
Delta R.T.: 0.000 min  
Response: 71711668  
Conc: 55.58 ng/ml



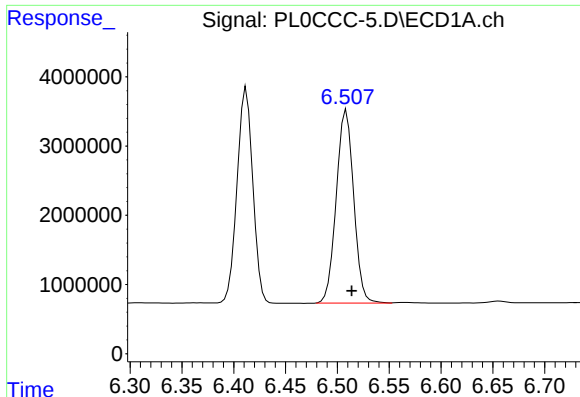
#4 Heptachlor

R.T.: 6.183 min  
Delta R.T.: -0.005 min  
Response: 32465629  
Conc: 53.26 ng/ml



#4 Heptachlor

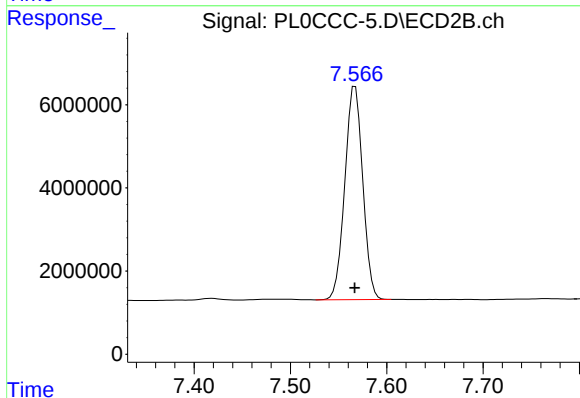
R.T.: 7.196 min  
Delta R.T.: 0.001 min  
Response: 66632598  
Conc: 51.13 ng/ml



#5 Aldrin

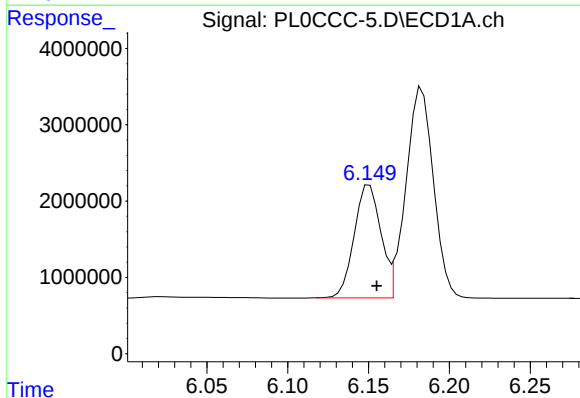
R.T.: 6.509 min  
Delta R.T.: -0.005 min  
Response: 32669697  
Conc: 58.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



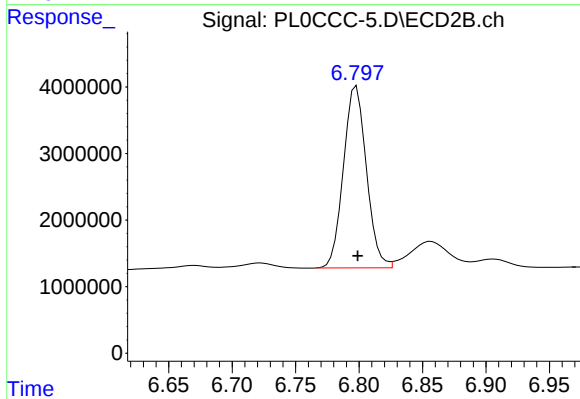
#5 Aldrin

R.T.: 7.567 min  
Delta R.T.: 0.000 min  
Response: 66052074  
Conc: 55.67 ng/ml



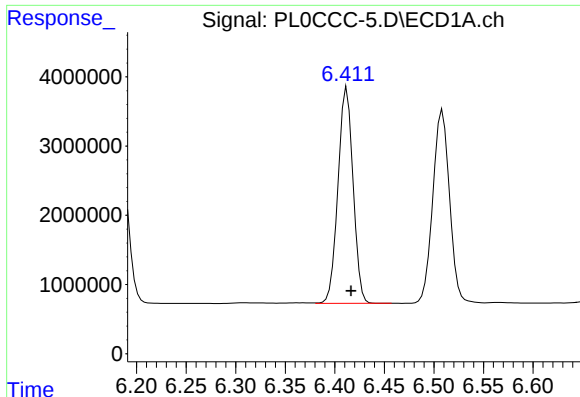
#6 beta-BHC

R.T.: 6.151 min  
Delta R.T.: -0.004 min  
Response: 16959501  
Conc: 57.96 ng/ml



#6 beta-BHC

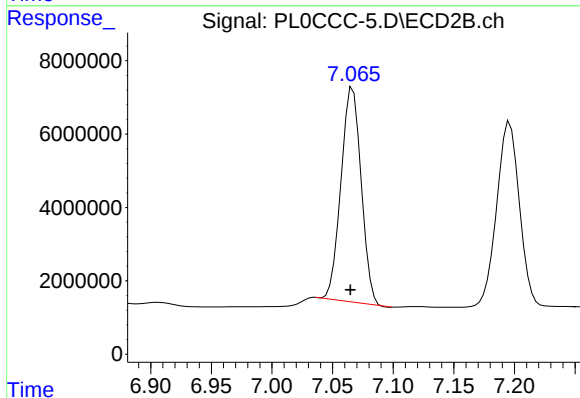
R.T.: 6.798 min  
Delta R.T.: -0.001 min  
Response: 34391612  
Conc: 48.68 ng/ml



#7 delta-BHC

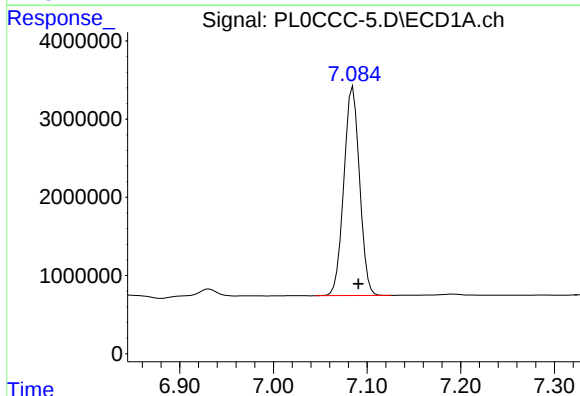
R.T.: 6.412 min  
Delta R.T.: -0.004 min  
Response: 32990947  
Conc: 59.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



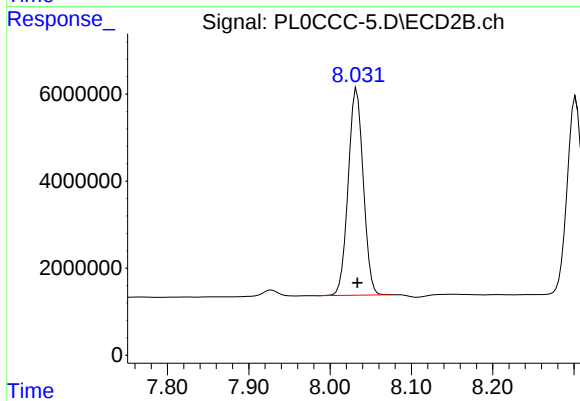
#7 delta-BHC

R.T.: 7.067 min  
Delta R.T.: 0.002 min  
Response: 67342043  
Conc: 54.96 ng/ml



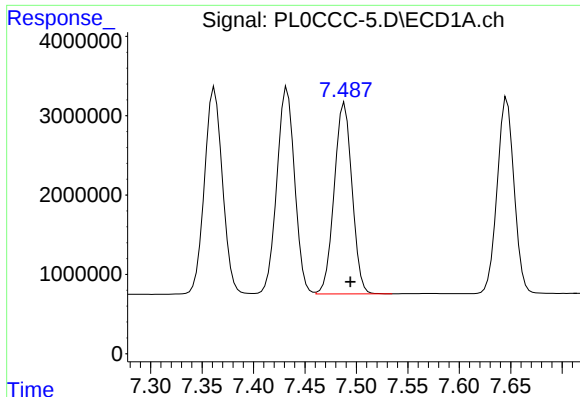
#8 Heptachlor epoxide

R.T.: 7.085 min  
Delta R.T.: -0.006 min  
Response: 31143101  
Conc: 56.06 ng/ml



#8 Heptachlor epoxide

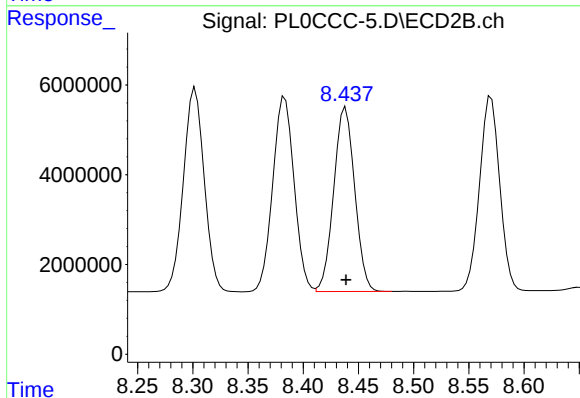
R.T.: 8.033 min  
Delta R.T.: 0.000 min  
Response: 60995441  
Conc: 53.95 ng/ml



#9 Endosulfan I

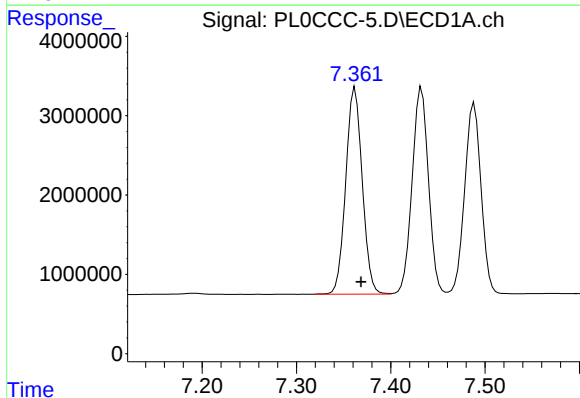
R.T.: 7.489 min  
Delta R.T.: -0.006 min  
Response: 29046981  
Conc: 54.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



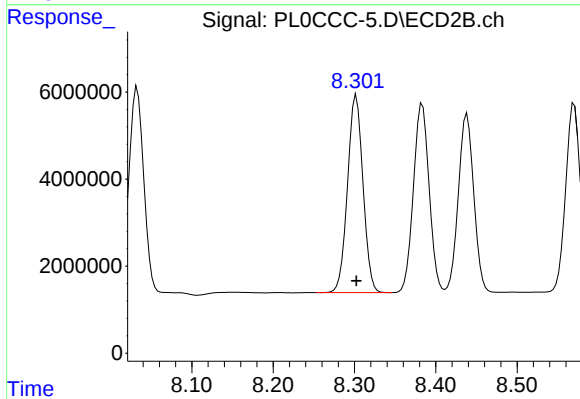
#9 Endosulfan I

R.T.: 8.438 min  
Delta R.T.: 0.000 min  
Response: 54367761  
Conc: 52.81 ng/ml



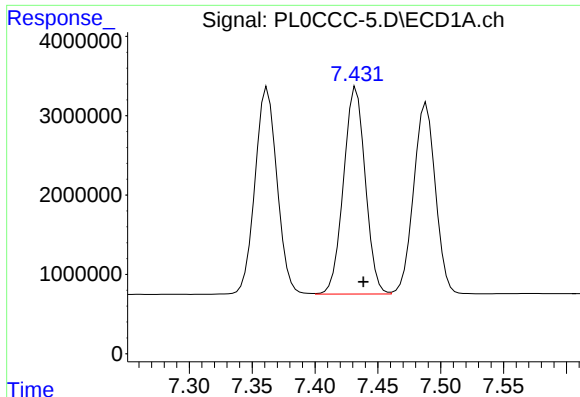
#10 gamma-Chlordane

R.T.: 7.362 min  
Delta R.T.: -0.006 min  
Response: 31661056  
Conc: 55.18 ng/ml



#10 gamma-Chlordane

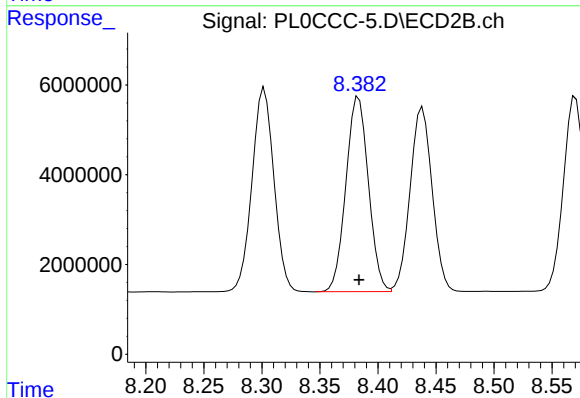
R.T.: 8.302 min  
Delta R.T.: 0.000 min  
Response: 59734563  
Conc: 53.04 ng/ml



#11 alpha-Chlordane

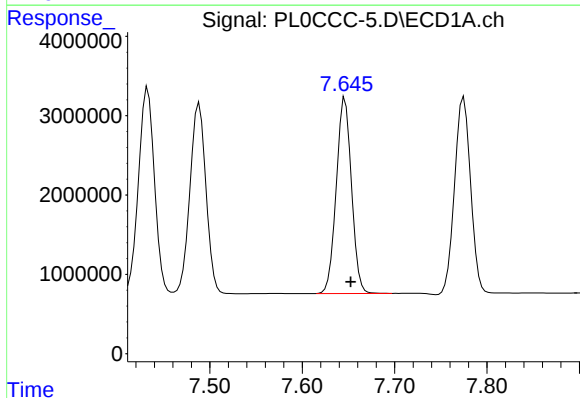
R.T.: 7.433 min  
Delta R.T.: -0.006 min  
Response: 31368864  
Conc: 54.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



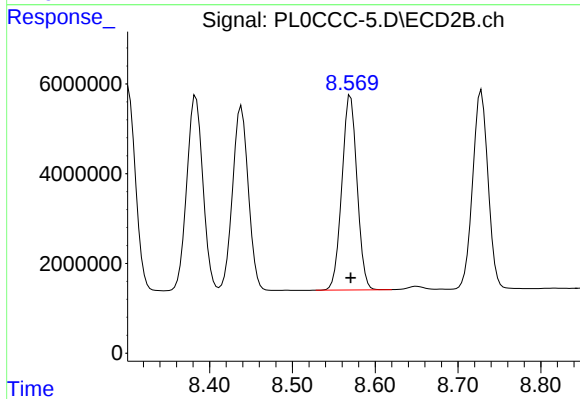
#11 alpha-Chlordane

R.T.: 8.383 min  
Delta R.T.: 0.000 min  
Response: 58666382  
Conc: 52.16 ng/ml



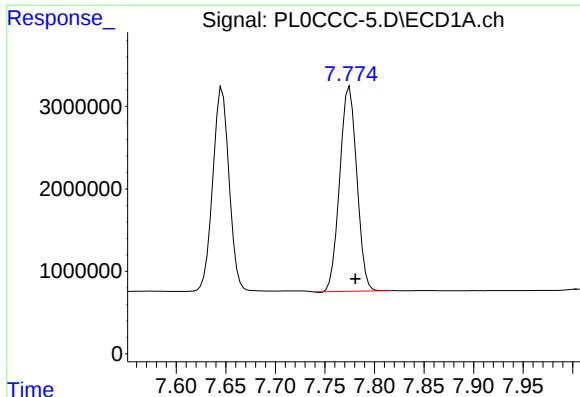
#12 4,4'-DDE

R.T.: 7.646 min  
Delta R.T.: -0.006 min  
Response: 28259311  
Conc: 56.08 ng/ml



#12 4,4'-DDE

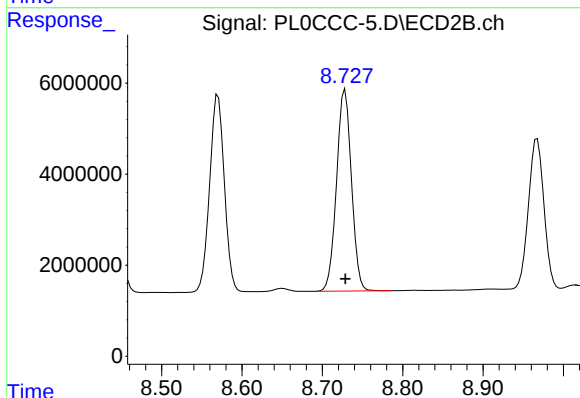
R.T.: 8.570 min  
Delta R.T.: 0.000 min  
Response: 55236301  
Conc: 53.60 ng/ml



#13 Dieldrin

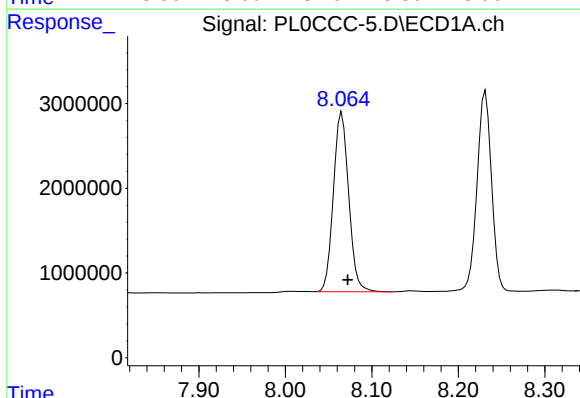
R.T.: 7.775 min  
Delta R.T.: -0.006 min  
Response: 29874695  
Conc: 55.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



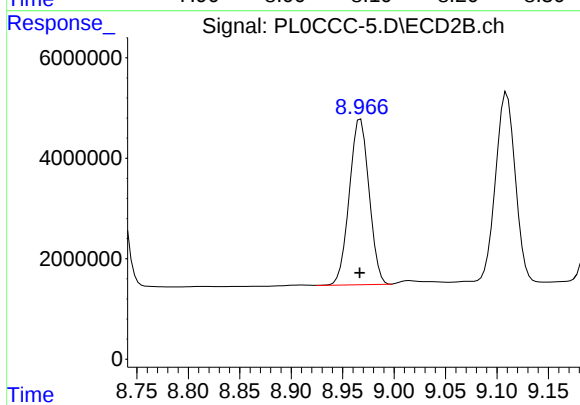
#13 Dieldrin

R.T.: 8.728 min  
Delta R.T.: 0.000 min  
Response: 57129598  
Conc: 53.86 ng/ml



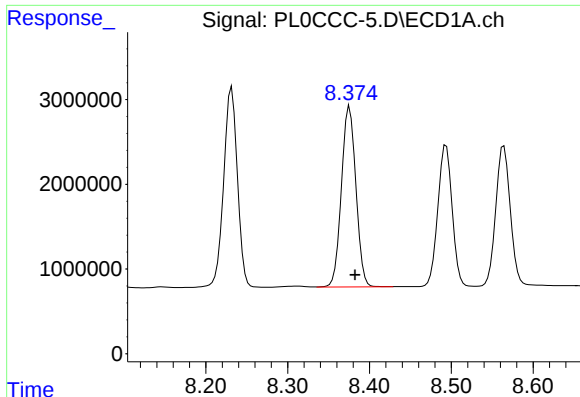
#14 Endrin

R.T.: 8.066 min  
Delta R.T.: -0.007 min  
Response: 25986228  
Conc: 51.96 ng/ml



#14 Endrin

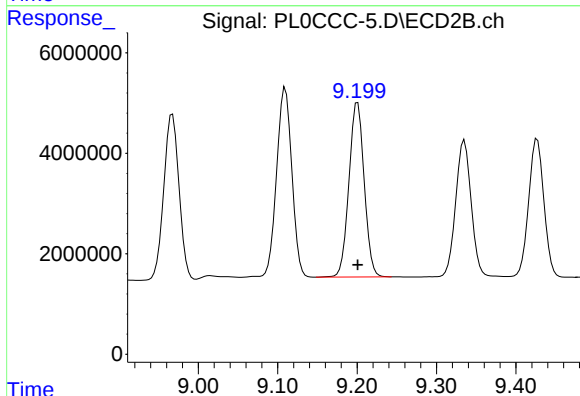
R.T.: 8.967 min  
Delta R.T.: 0.000 min  
Response: 44024232  
Conc: 49.23 ng/ml



#15 Endosulfan II

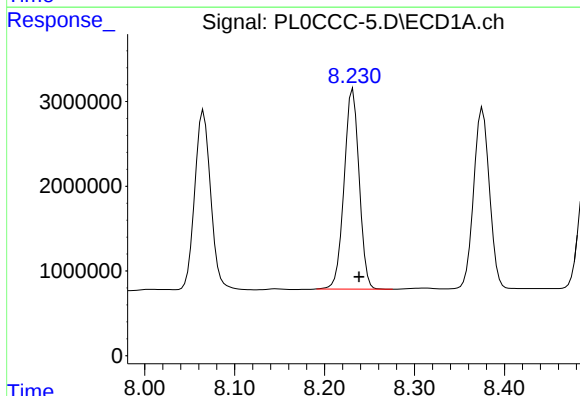
R.T.: 8.376 min  
Delta R.T.: -0.007 min  
Response: 26103150  
Conc: 52.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



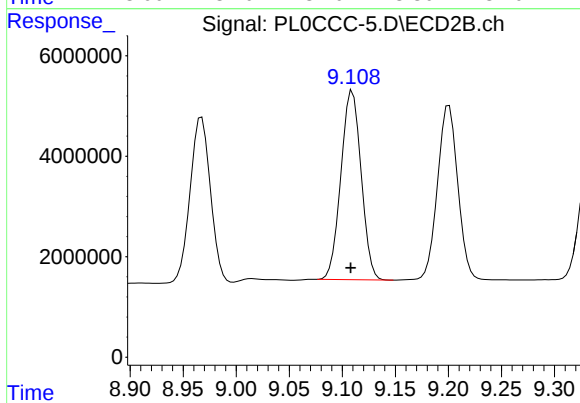
#15 Endosulfan II

R.T.: 9.201 min  
Delta R.T.: 0.000 min  
Response: 46366535  
Conc: 51.16 ng/ml



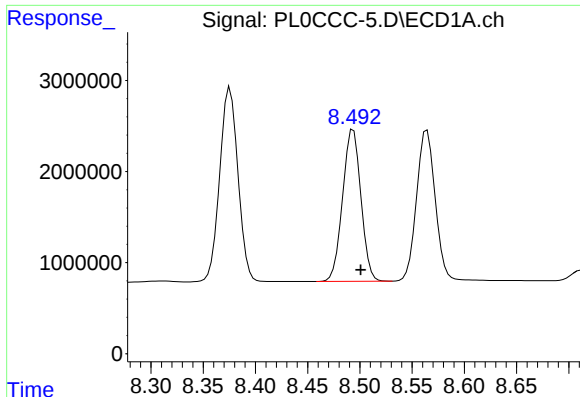
#16 4,4'-DDD

R.T.: 8.232 min  
Delta R.T.: -0.007 min  
Response: 27409739  
Conc: 61.36 ng/ml



#16 4,4'-DDD

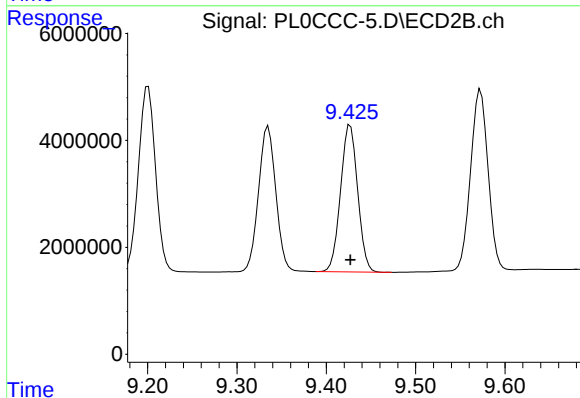
R.T.: 9.110 min  
Delta R.T.: 0.002 min  
Response: 49948197  
Conc: 58.66 ng/ml



#17 4,4'-DDT

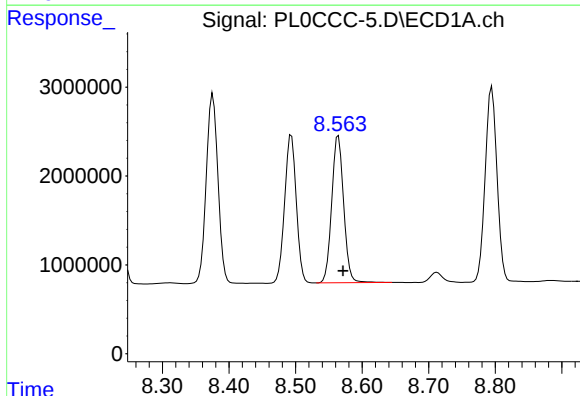
R.T.: 8.494 min  
Delta R.T.: -0.007 min  
Response: 20324556  
Conc: 40.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



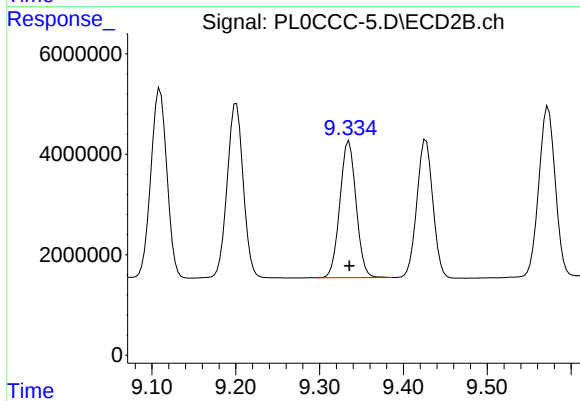
#17 4,4'-DDT

R.T.: 9.427 min  
Delta R.T.: 0.000 min  
Response: 36562395  
Conc: 38.74 ng/ml



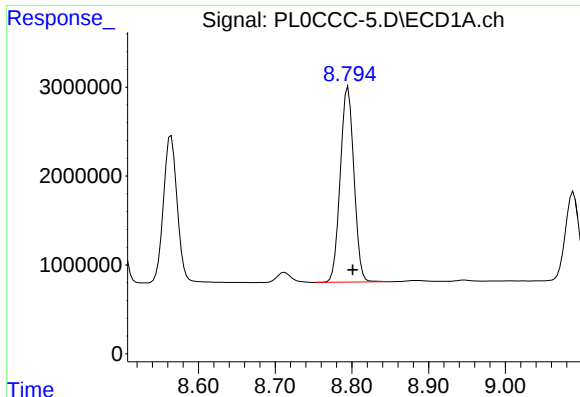
#18 Endrin aldehyde

R.T.: 8.564 min  
Delta R.T.: -0.007 min  
Response: 20659937  
Conc: 52.15 ng/ml



#18 Endrin aldehyde

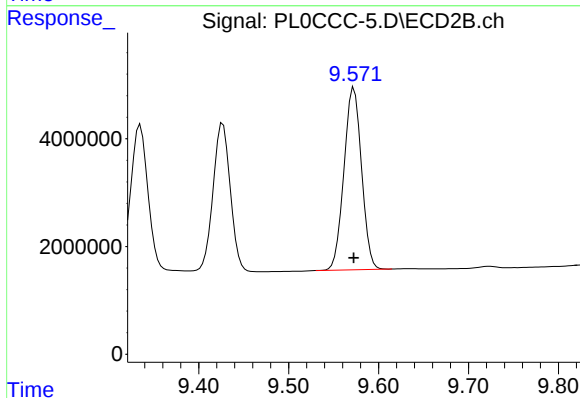
R.T.: 9.335 min  
Delta R.T.: 0.000 min  
Response: 36670481  
Conc: 50.88 ng/ml



#19 Endosulfan Sulfate

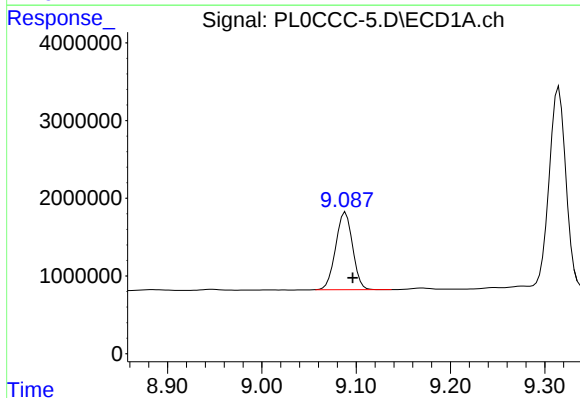
R.T.: 8.795 min  
Delta R.T.: -0.006 min  
Response: 27193624  
Conc: 51.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



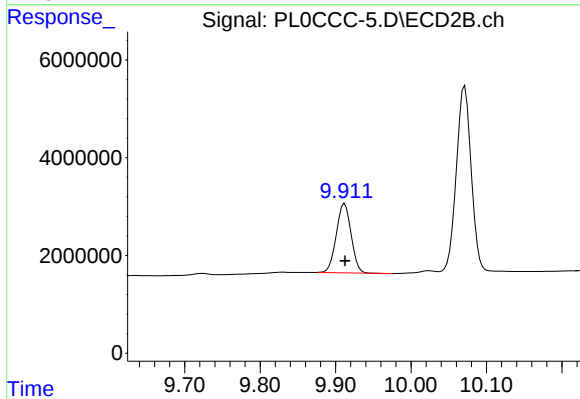
#19 Endosulfan Sulfate

R.T.: 9.573 min  
Delta R.T.: 0.000 min  
Response: 45981021  
Conc: 51.06 ng/ml



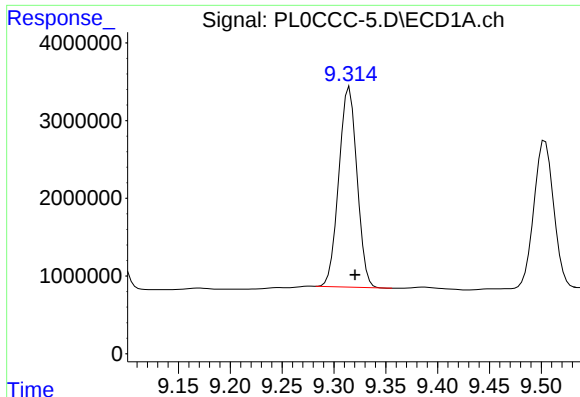
#20 Methoxychlor

R.T.: 9.089 min  
Delta R.T.: -0.007 min  
Response: 12451591  
Conc: 39.81 ng/ml



#20 Methoxychlor

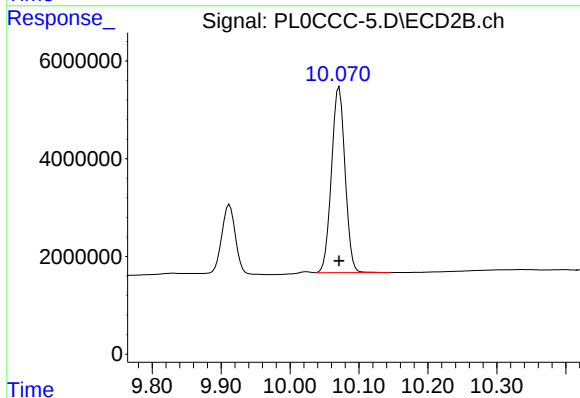
R.T.: 9.912 min  
Delta R.T.: 0.000 min  
Response: 19374534  
Conc: 38.14 ng/ml



#21 Endrin ketone

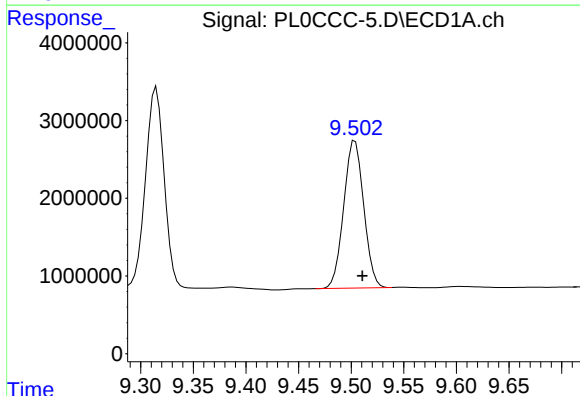
R.T.: 9.315 min  
Delta R.T.: -0.005 min  
Response: 31393343  
Conc: 53.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



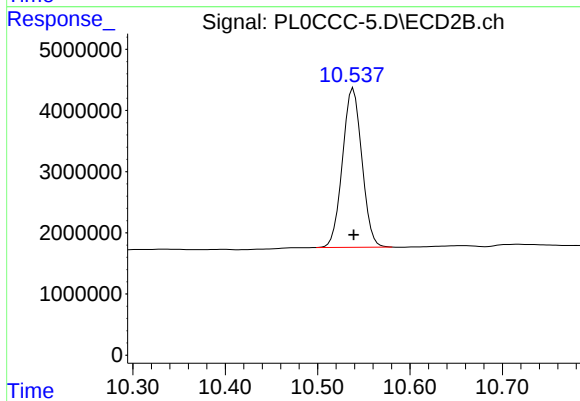
#21 Endrin ketone

R.T.: 10.071 min  
Delta R.T.: 0.000 min  
Response: 51902111  
Conc: 52.04 ng/ml



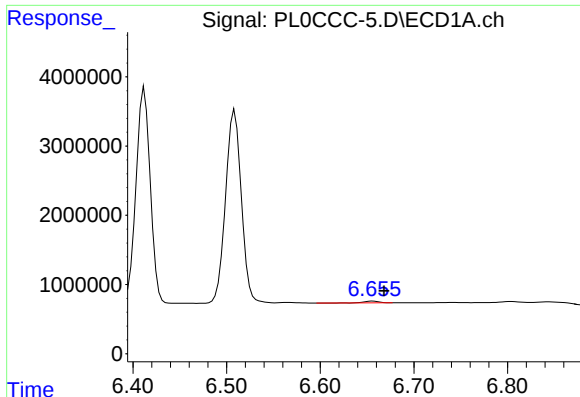
#22 Mirex

R.T.: 9.504 min  
Delta R.T.: -0.007 min  
Response: 25188276  
Conc: 51.01 ng/ml



#22 Mirex

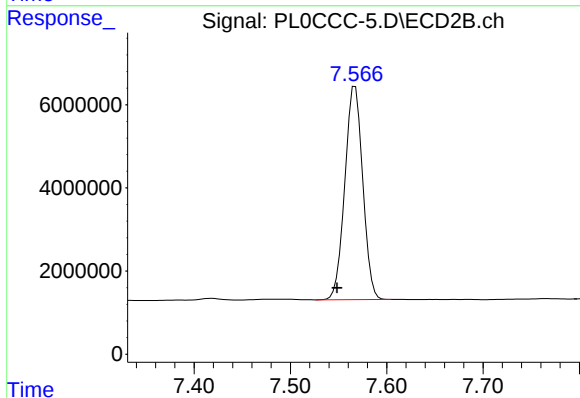
R.T.: 10.539 min  
Delta R.T.: 0.000 min  
Response: 37921134  
Conc: 49.02 ng/ml



#24 Chlordane-2

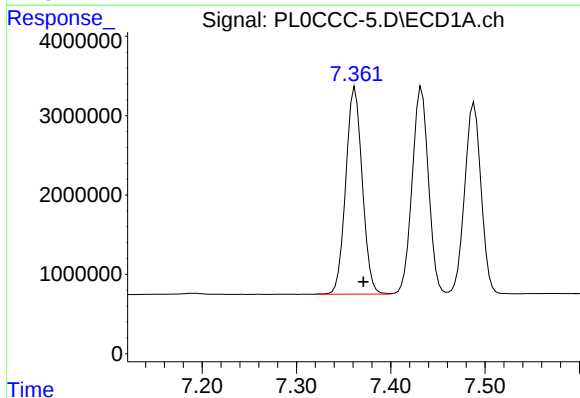
R.T.: 6.656 min  
Delta R.T.: -0.012 min  
Response: 253454  
Conc: 11.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



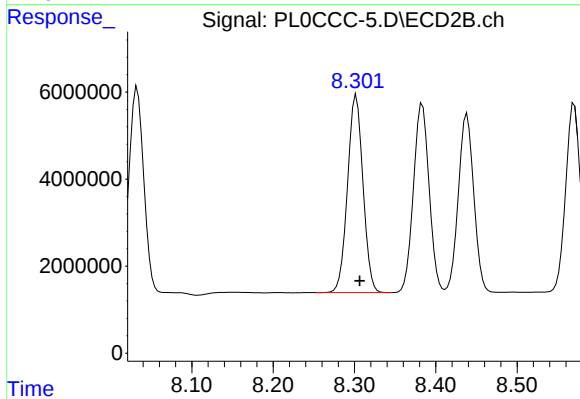
#24 Chlordane-2

R.T.: 7.567 min  
Delta R.T.: 0.019 min  
Response: 66052074  
Conc: 1587.60 ng/ml



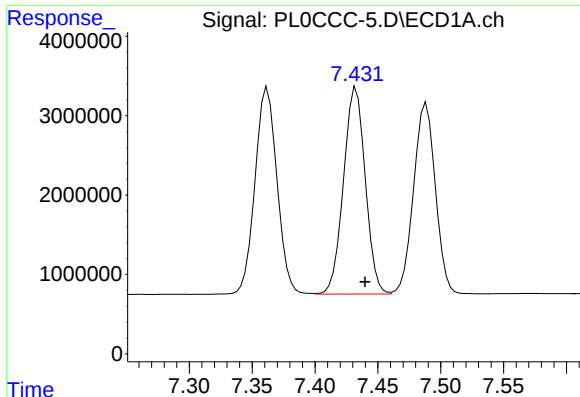
#25 Chlordane-3

R.T.: 7.362 min  
Delta R.T.: -0.009 min  
Response: 31661056  
Conc: 587.91 ng/ml



#25 Chlordane-3

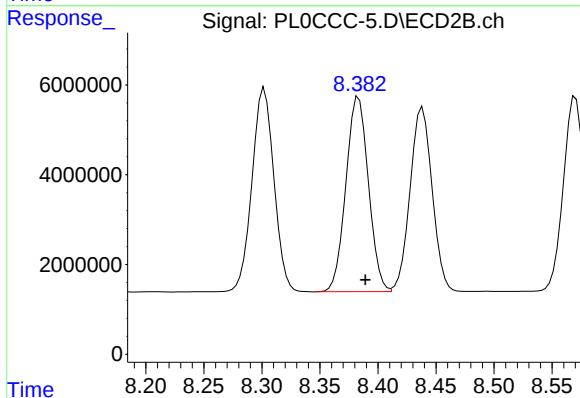
R.T.: 8.302 min  
Delta R.T.: -0.004 min  
Response: 59734563  
Conc: 385.71 ng/ml



#26 Chlordane-4

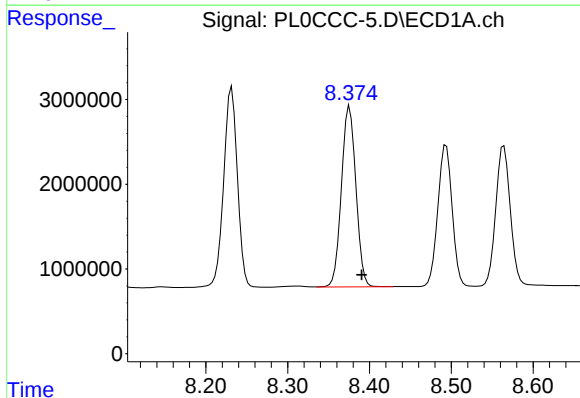
R.T.: 7.433 min  
Delta R.T.: -0.007 min  
Response: 31368864  
Conc: 555.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



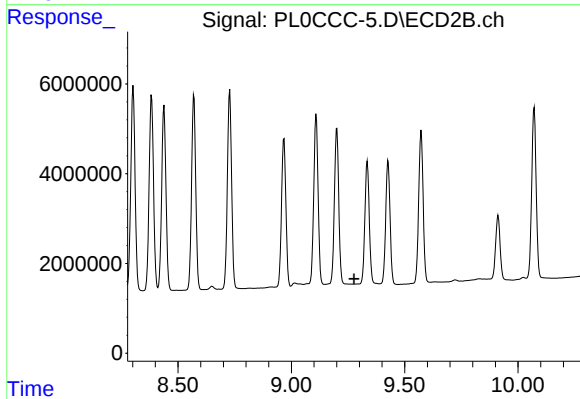
#26 Chlordane-4

R.T.: 8.383 min  
Delta R.T.: -0.006 min  
Response: 58666382  
Conc: 312.92 ng/ml



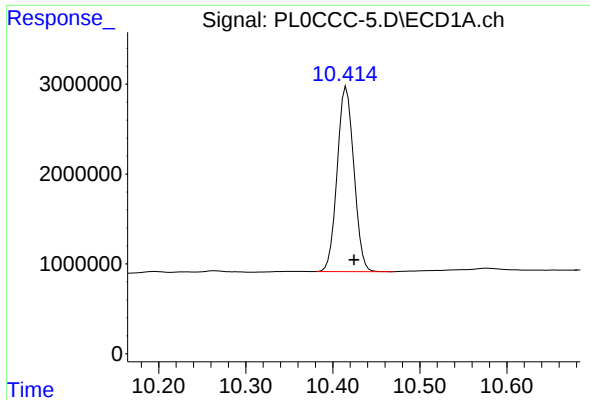
#27 Chlordane-5

R.T.: 8.376 min  
Delta R.T.: -0.015 min  
Response: 26103150  
Conc: 1296.97 ng/ml



#27 Chlordane-5

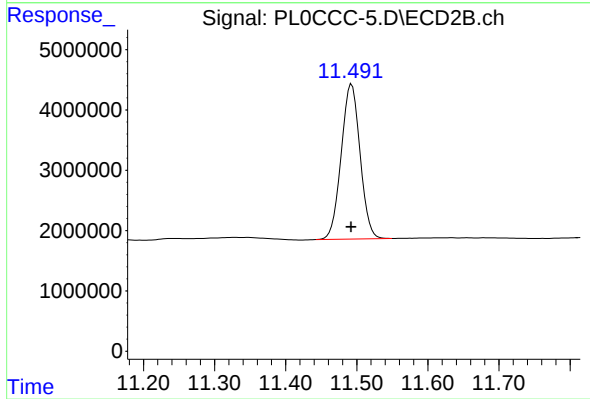
R.T.: 0.000 min  
Exp R.T.: 9.277 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.416 min  
Delta R.T.: -0.009 min  
Response: 27438534  
Conc: 48.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.493 min  
Delta R.T.: 0.000 min  
Response: 47395815  
Conc: 53.13 ng/ml