

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041421\  
 Data File : PL066121.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Apr 2021 14:35  
 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: Apr 15 01:12:06 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 14 15:37:20 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... | 3.449  | 4.154 | 124.9E6  | 207.6E6  | 49.078   | 51.600    |
| 28)                         | SA Decachlor... | 8.173  | 9.355 | 120.1E6  | 168.3E6  | 50.335   | 51.520    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.884  | 4.559 | 202.9E6  | 308.8E6  | 49.320   | 53.178    |
| 3)                          | MA gamma-BHC... | 4.164  | 4.852 | 197.4E6  | 283.8E6  | 50.655   | 53.301    |
| 4)                          | MA Heptachlor   | 4.463  | 5.368 | 204.3E6  | 284.6E6  | 49.264   | 51.125    |
| 5)                          | MB Aldrin       | 4.708  | 5.681 | 196.4E6  | 261.3E6  | 50.159   | 52.373    |
| 6)                          | B beta-BHC      | 4.412  | 5.028 | 86519474 | 130.4E6  | 49.094   | 52.308    |
| 7)                          | B delta-BHC     | 4.613  | 5.251 | 205.5E6  | 269.7E6  | 49.814   | 52.439    |
| 8)                          | B Heptachlo...  | 5.147  | 6.075 | 184.1E6  | 237.8E6  | 49.693   | 51.484    |
| 9)                          | A Endosulfan I  | 5.481  | 6.440 | 174.5E6  | 216.0E6  | 48.750   | 51.620    |
| 10)                         | B gamma-Chl...  | 5.372  | 6.312 | 184.0E6  | 239.3E6  | 49.698   | 52.441    |
| 11)                         | B alpha-Chl...  | 5.431  | 6.385 | 183.1E6  | 233.9E6  | 49.437   | 51.741    |
| 12)                         | B 4,4'-DDE      | 5.596  | 6.541 | 177.8E6  | 216.1E6  | 47.667   | 52.214    |
| 13)                         | MA Dieldrin     | 5.722  | 6.701 | 197.0E6  | 218.0E6  | 48.633   | 52.185    |
| 14)                         | MA Endrin       | 5.976  | 6.924 | 165.7E6  | 159.8E6  | 47.515   | 49.456    |
| 15)                         | B Endosulfa...  | 6.246  | 7.137 | 163.7E6  | 179.3E6  | 49.851   | 51.437    |
| 16)                         | A 4,4'-DDD      | 6.106  | 7.040 | 163.3E6  | 180.6E6  | 49.585   | 52.785    |
| 17)                         | MA 4,4'-DDT     | 6.345  | 7.342 | 159.3E6  | 172.4E6  | 49.983   | 50.812    |
| 18)                         | B Endrin al...  | 6.414  | 7.263 | 127.0E6  | 144.0E6  | 49.267   | 51.475    |
| 19)                         | B Endosulfa...  | 6.626  | 7.488 | 169.5E6  | 182.0E6  | 49.296   | 51.526    |
| 20)                         | A Methoxychlor  | 6.891  | 7.801 | 85629171 | 88859411 | 47.295   | 49.590    |
| 21)                         | B Endrin ke...  | 7.110  | 7.969 | 189.2E6  | 192.7E6  | 51.459   | 52.371    |
| 22)                         | Mirex           | 7.299  | 8.423 | 138.0E6  | 142.4E6  | 48.249   | 50.291    |
| 23)                         | Chlordane-1     | 4.338f | 0.000 | 1457921  | 0        | 12.753   | N.D. #    |
| 25)                         | Chlordane-3     | 5.372  | 6.312 | 184.0E6  | 239.3E6  | 506.290  | 363.992 # |
| 26)                         | Chlordane-4     | 5.431  | 6.385 | 183.1E6  | 233.9E6  | 580.338  | 297.713 # |
| 27)                         | Chlordane-5     | 6.246  | 0.000 | 163.7E6  | 0        | 1158.515 | N.D. #    |
| -----                       |                 |        |       |          |          |          |           |

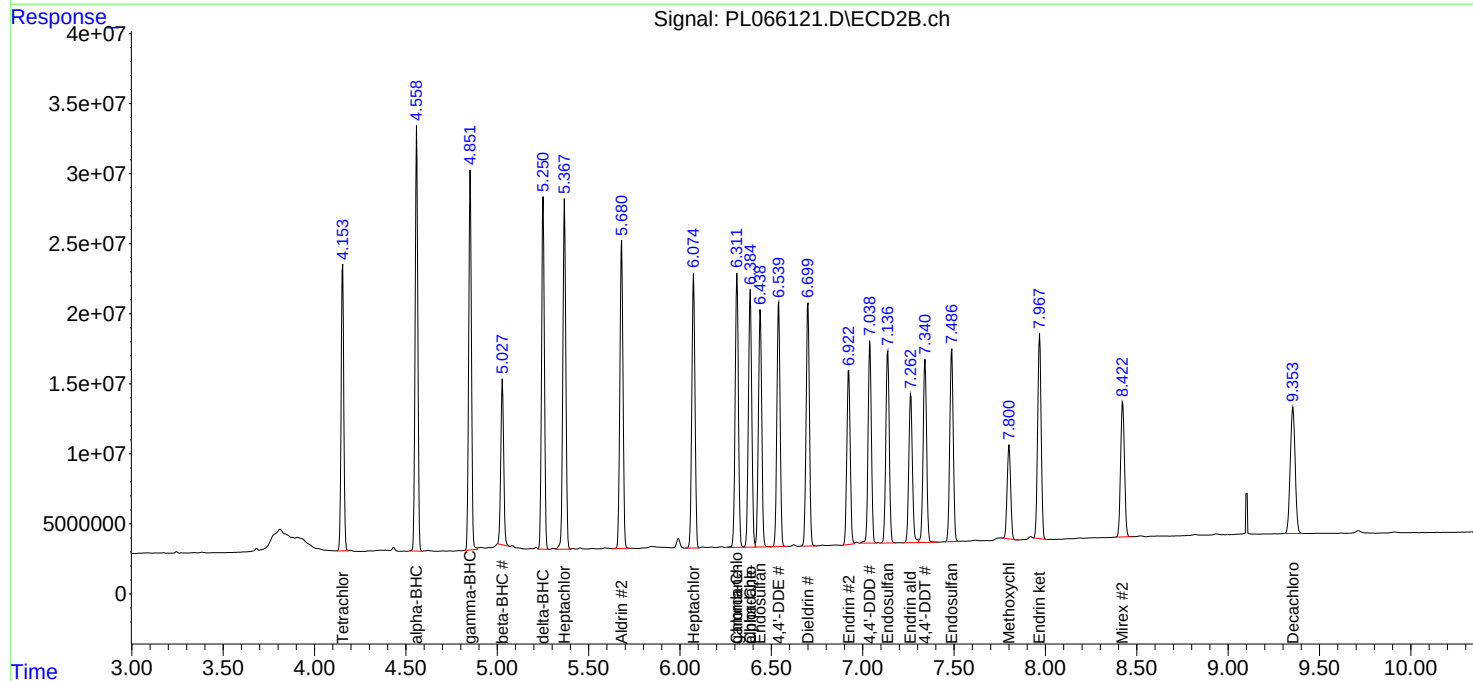
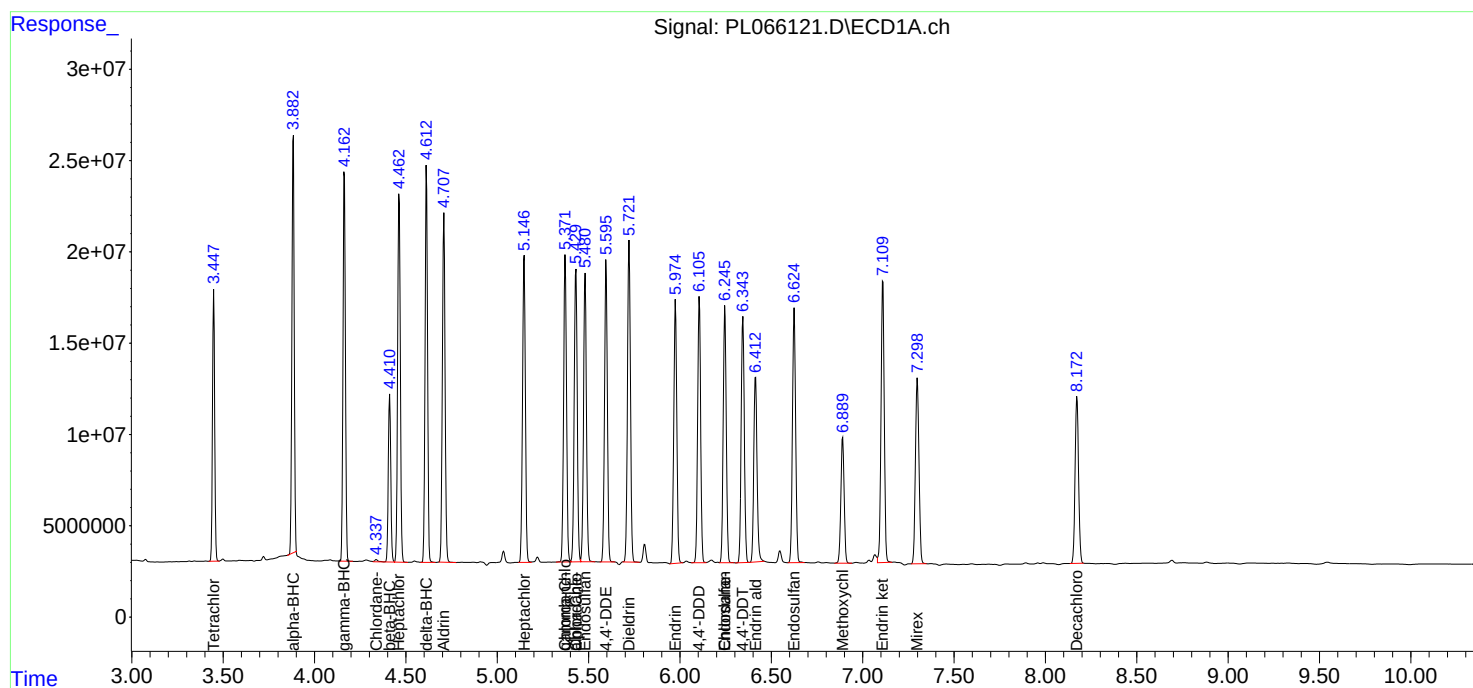
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

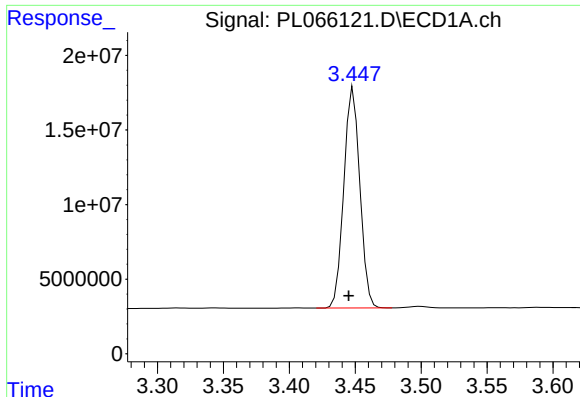
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041421\  
Data File : PL066121.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Apr 2021 14:35  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 15 01:12:06 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041421.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 14 15:37:20 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

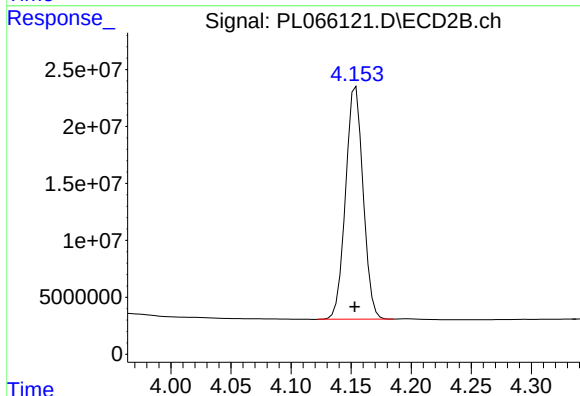




#1 Tetrachloro-m-xylene

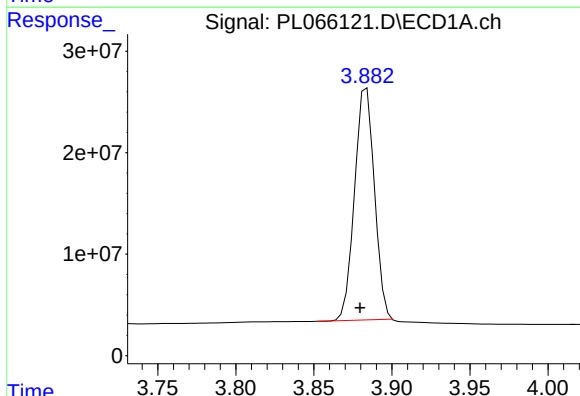
R.T.: 3.449 min  
Delta R.T.: 0.004 min  
Response: 124917455  
Conc: 49.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



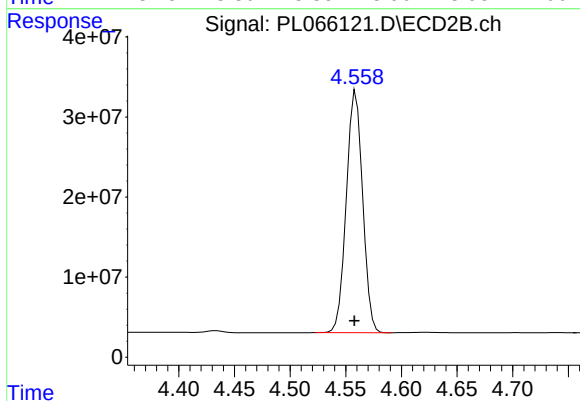
#1 Tetrachloro-m-xylene

R.T.: 4.154 min  
Delta R.T.: 0.001 min  
Response: 207563221  
Conc: 51.60 ng/ml



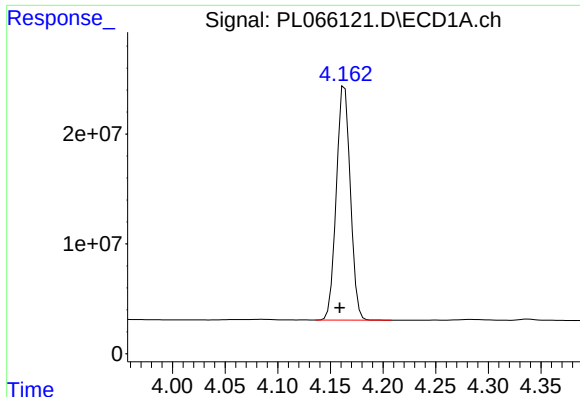
#2 alpha-BHC

R.T.: 3.884 min  
Delta R.T.: 0.004 min  
Response: 202939208  
Conc: 49.32 ng/ml



#2 alpha-BHC

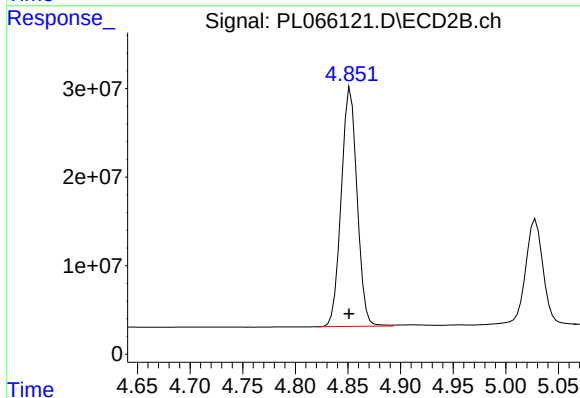
R.T.: 4.559 min  
Delta R.T.: 0.001 min  
Response: 308794109  
Conc: 53.18 ng/ml



#3 gamma-BHC (Lindane)

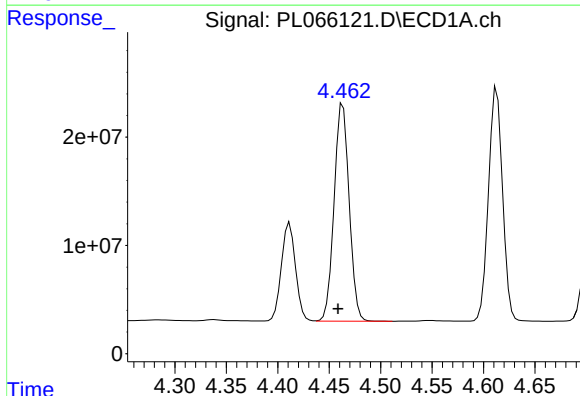
R.T.: 4.164 min  
Delta R.T.: 0.005 min  
Response: 197395508  
Conc: 50.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



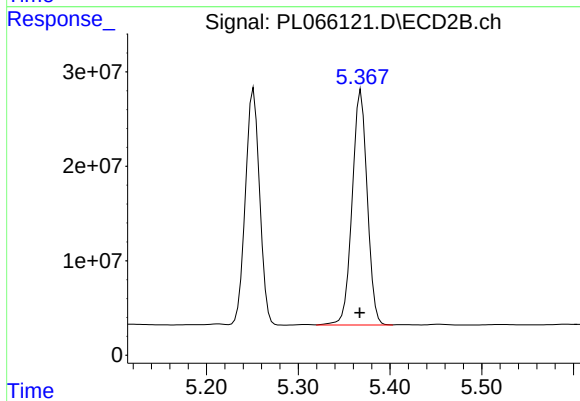
#3 gamma-BHC (Lindane)

R.T.: 4.852 min  
Delta R.T.: 0.001 min  
Response: 283764399  
Conc: 53.30 ng/ml



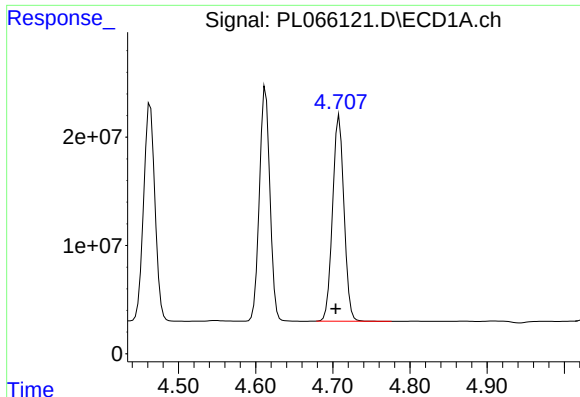
#4 Heptachlor

R.T.: 4.463 min  
Delta R.T.: 0.005 min  
Response: 204339170  
Conc: 49.26 ng/ml



#4 Heptachlor

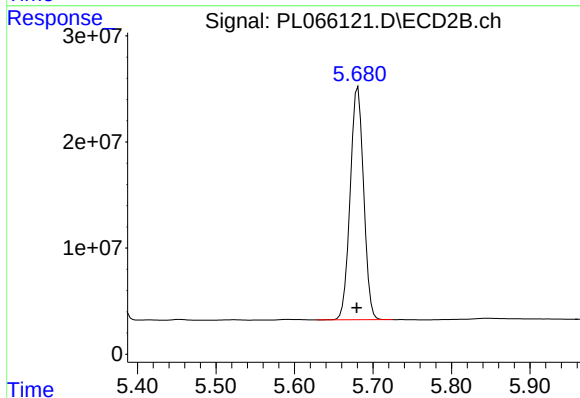
R.T.: 5.368 min  
Delta R.T.: 0.001 min  
Response: 284557735  
Conc: 51.12 ng/ml



#5 Aldrin

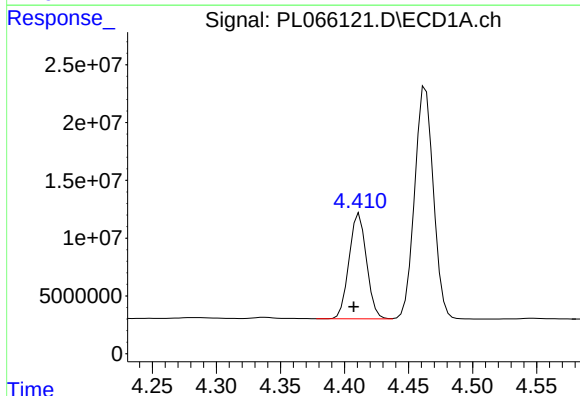
R.T.: 4.708 min  
Delta R.T.: 0.005 min  
Response: 196435430  
Conc: 50.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



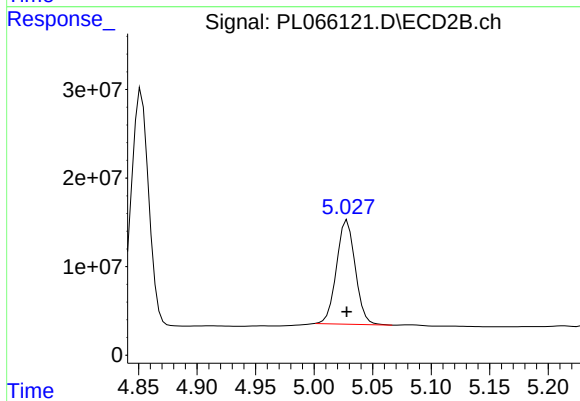
#5 Aldrin

R.T.: 5.681 min  
Delta R.T.: 0.002 min  
Response: 261256650  
Conc: 52.37 ng/ml



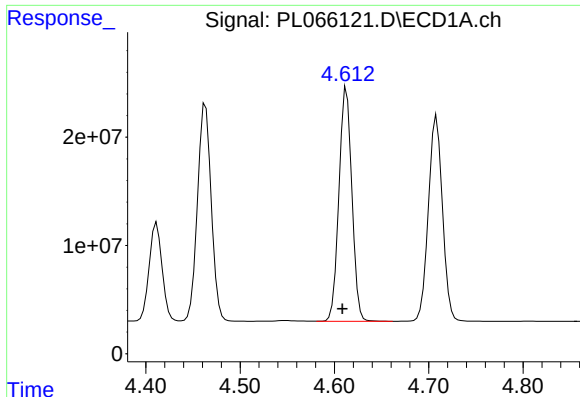
#6 beta-BHC

R.T.: 4.412 min  
Delta R.T.: 0.004 min  
Response: 86519474  
Conc: 49.09 ng/ml



#6 beta-BHC

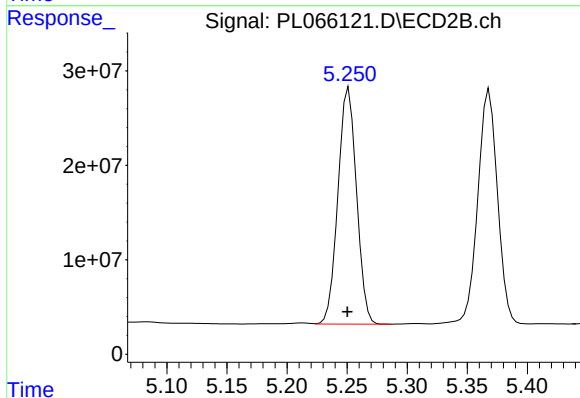
R.T.: 5.028 min  
Delta R.T.: 0.000 min  
Response: 130408366  
Conc: 52.31 ng/ml



#7 delta-BHC

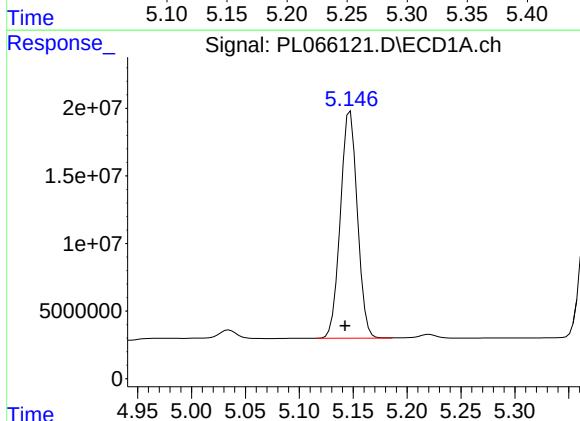
R.T.: 4.613 min  
Delta R.T.: 0.005 min  
Response: 205487982  
Conc: 49.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



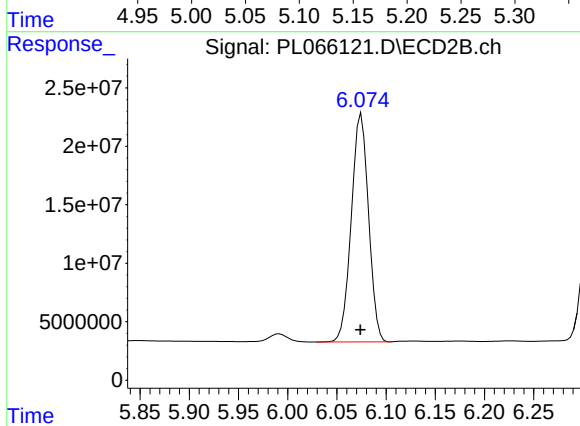
#7 delta-BHC

R.T.: 5.251 min  
Delta R.T.: 0.001 min  
Response: 269654617  
Conc: 52.44 ng/ml



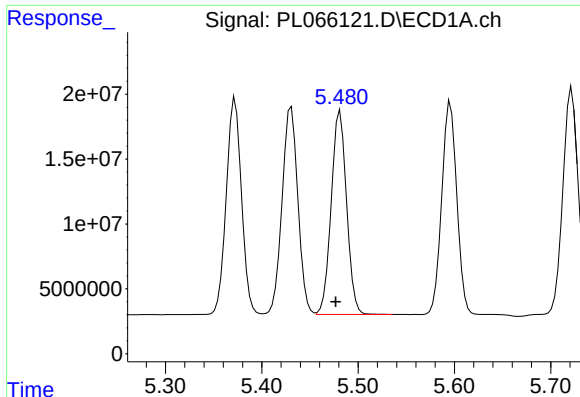
#8 Heptachlor epoxide

R.T.: 5.147 min  
Delta R.T.: 0.005 min  
Response: 184132596  
Conc: 49.69 ng/ml



#8 Heptachlor epoxide

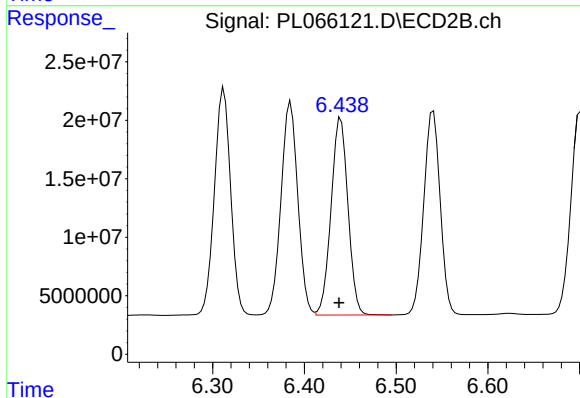
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 237801566  
Conc: 51.48 ng/ml



#9 Endosulfan I

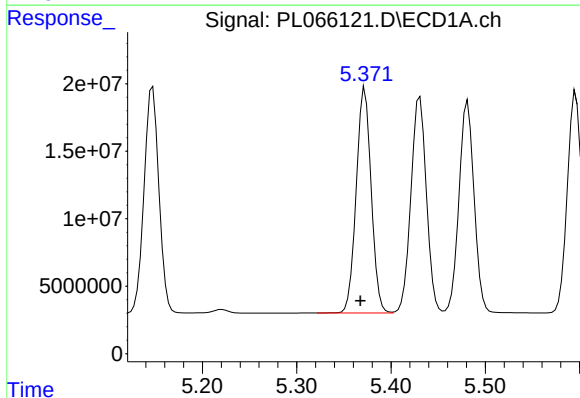
R.T.: 5.481 min  
Delta R.T.: 0.005 min  
Response: 174549059  
Conc: 48.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



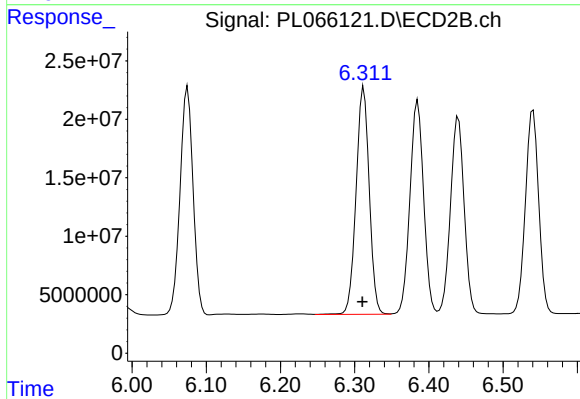
#9 Endosulfan I

R.T.: 6.440 min  
Delta R.T.: 0.002 min  
Response: 216000952  
Conc: 51.62 ng/ml



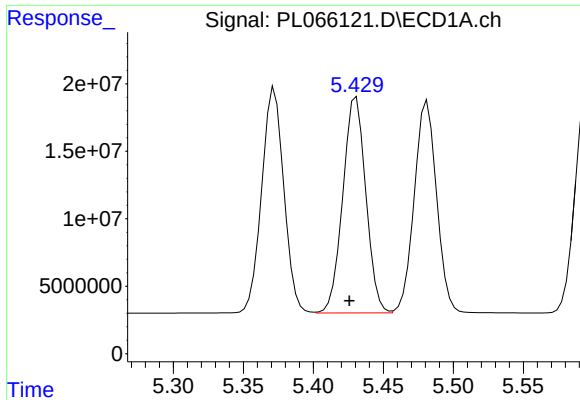
#10 gamma-Chlordane

R.T.: 5.372 min  
Delta R.T.: 0.005 min  
Response: 184014413  
Conc: 49.70 ng/ml



#10 gamma-Chlordane

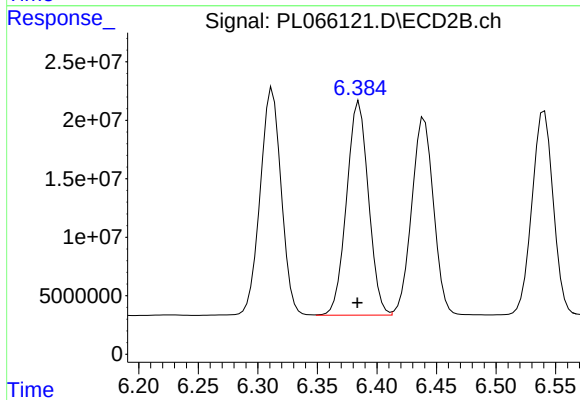
R.T.: 6.312 min  
Delta R.T.: 0.002 min  
Response: 239335772  
Conc: 52.44 ng/ml



#11 alpha-Chlordane

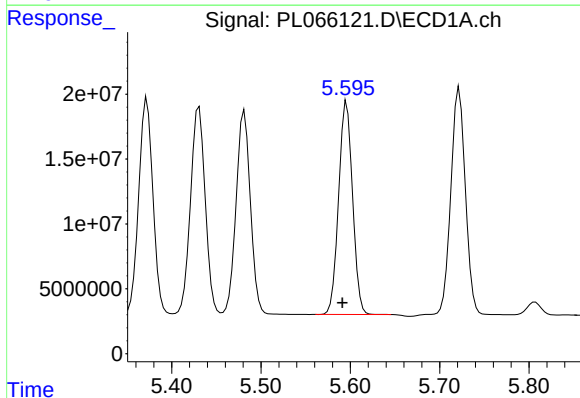
R.T.: 5.431 min  
Delta R.T.: 0.005 min  
Response: 183103735  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



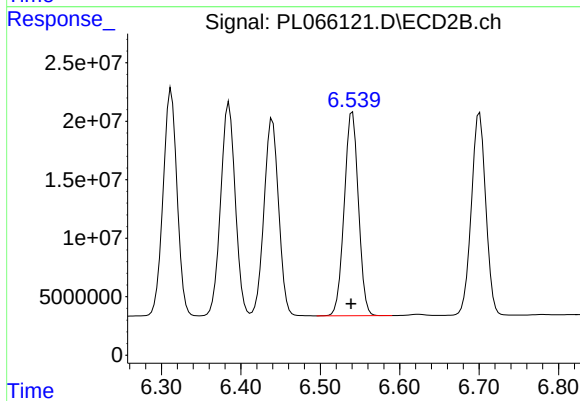
#11 alpha-Chlordane

R.T.: 6.385 min  
Delta R.T.: 0.001 min  
Response: 233866408  
Conc: 51.74 ng/ml



#12 4,4'-DDE

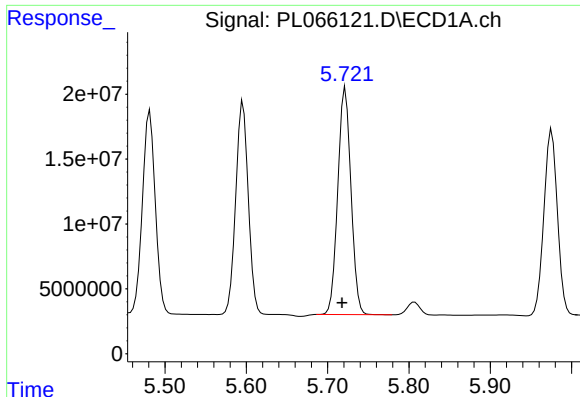
R.T.: 5.596 min  
Delta R.T.: 0.005 min  
Response: 177804596  
Conc: 47.67 ng/ml



#12 4,4'-DDE

R.T.: 6.541 min  
Delta R.T.: 0.002 min  
Response: 216117814  
Conc: 52.21 ng/ml

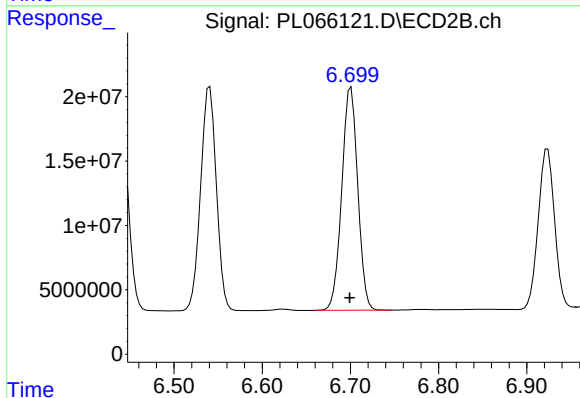




#13 Dieldrin

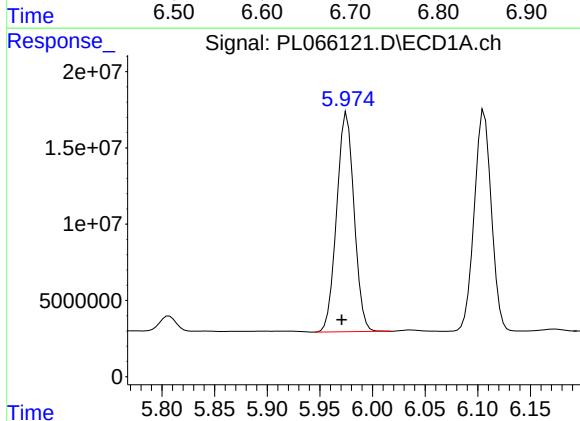
R.T.: 5.722 min  
Delta R.T.: 0.004 min  
Response: 197015517  
Conc: 48.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



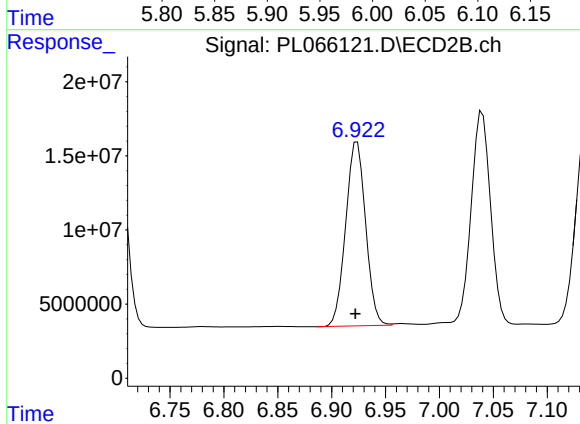
#13 Dieldrin

R.T.: 6.701 min  
Delta R.T.: 0.001 min  
Response: 218043226  
Conc: 52.19 ng/ml



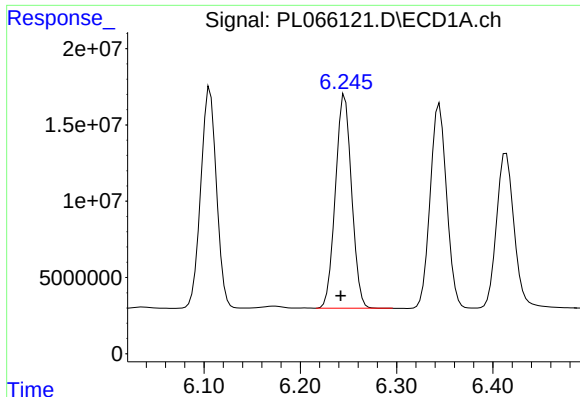
#14 Endrin

R.T.: 5.976 min  
Delta R.T.: 0.005 min  
Response: 165672411  
Conc: 47.52 ng/ml



#14 Endrin

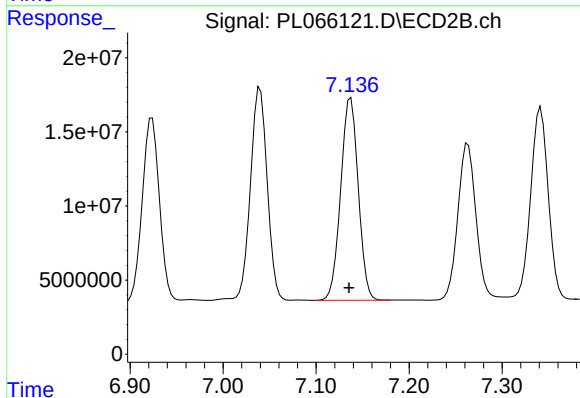
R.T.: 6.924 min  
Delta R.T.: 0.002 min  
Response: 159820282  
Conc: 49.46 ng/ml



#15 Endosulfan II

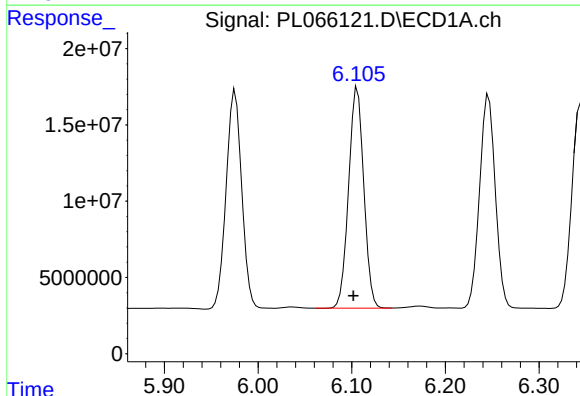
R.T.: 6.246 min  
Delta R.T.: 0.004 min  
Response: 163676913  
Conc: 49.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



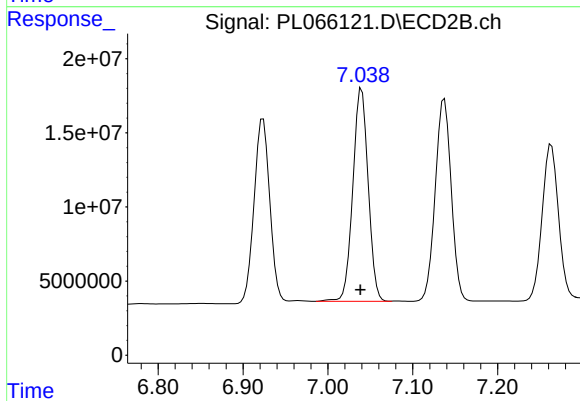
#15 Endosulfan II

R.T.: 7.137 min  
Delta R.T.: 0.002 min  
Response: 179306589  
Conc: 51.44 ng/ml



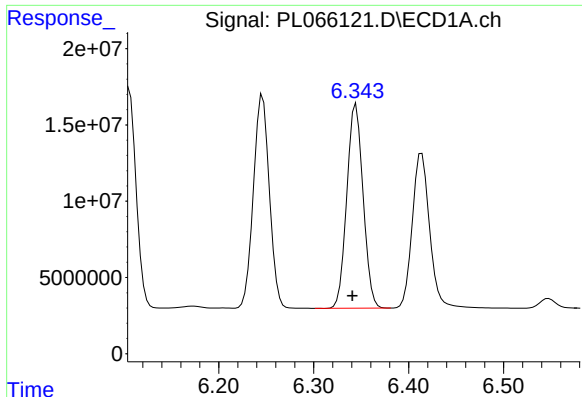
#16 4,4'-DDD

R.T.: 6.106 min  
Delta R.T.: 0.004 min  
Response: 163282953  
Conc: 49.58 ng/ml



#16 4,4'-DDD

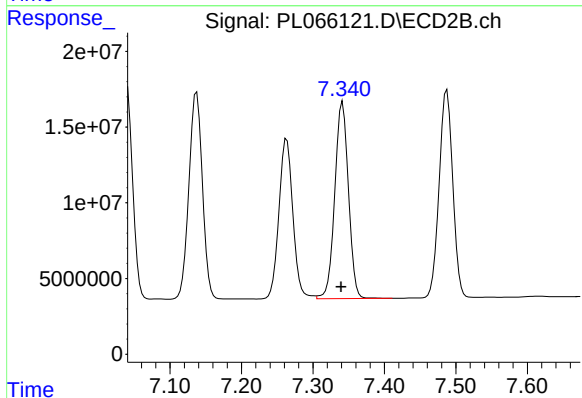
R.T.: 7.040 min  
Delta R.T.: 0.001 min  
Response: 180642399  
Conc: 52.79 ng/ml



#17 4,4'-DDT

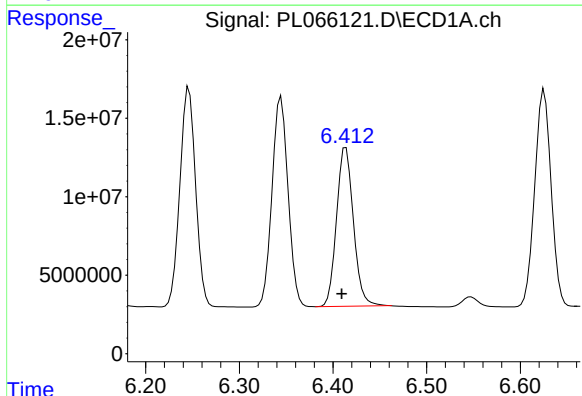
R.T.: 6.345 min  
Delta R.T.: 0.004 min  
Response: 159311603  
Conc: 49.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



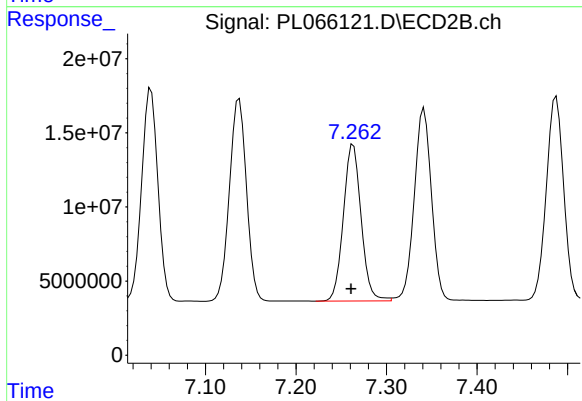
#17 4,4'-DDT

R.T.: 7.342 min  
Delta R.T.: 0.002 min  
Response: 172372436  
Conc: 50.81 ng/ml



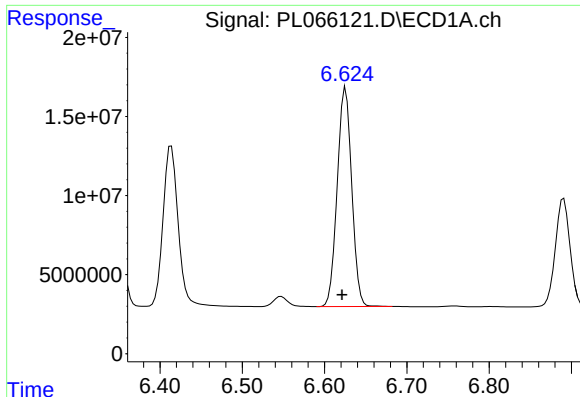
#18 Endrin aldehyde

R.T.: 6.414 min  
Delta R.T.: 0.004 min  
Response: 127014156  
Conc: 49.27 ng/ml



#18 Endrin aldehyde

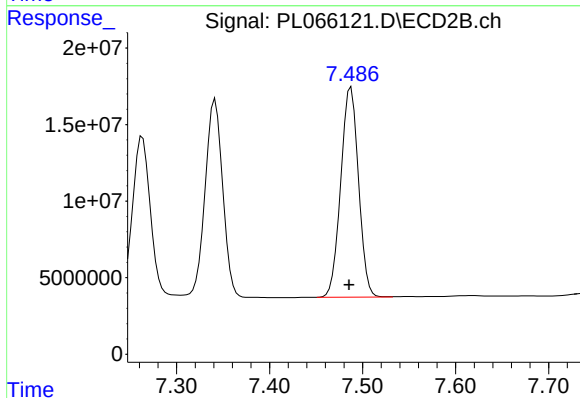
R.T.: 7.263 min  
Delta R.T.: 0.002 min  
Response: 143979193  
Conc: 51.48 ng/ml



#19 Endosulfan Sulfate

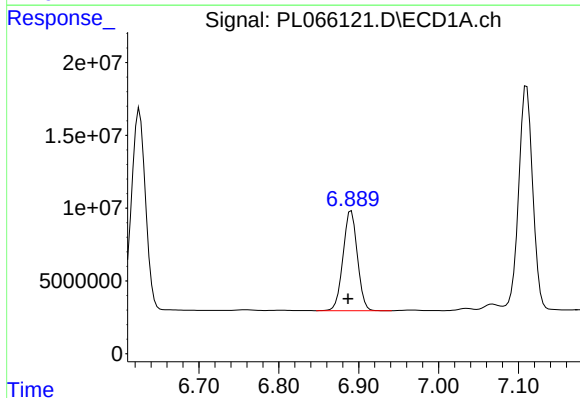
R.T.: 6.626 min  
Delta R.T.: 0.004 min  
Response: 169469707  
Conc: 49.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



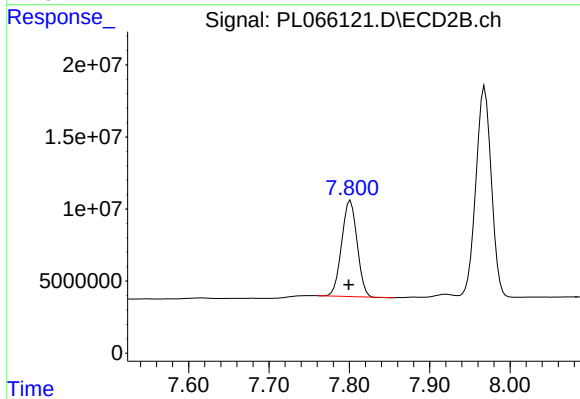
#19 Endosulfan Sulfate

R.T.: 7.488 min  
Delta R.T.: 0.002 min  
Response: 182030839  
Conc: 51.53 ng/ml



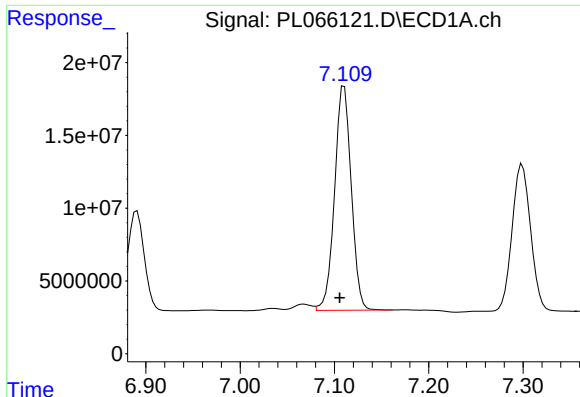
#20 Methoxychlor

R.T.: 6.891 min  
Delta R.T.: 0.004 min  
Response: 85629171  
Conc: 47.30 ng/ml



#20 Methoxychlor

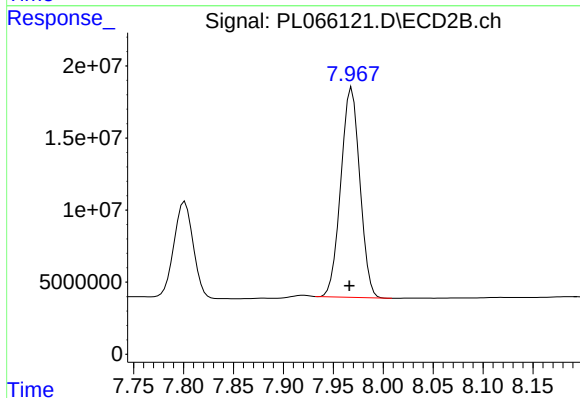
R.T.: 7.801 min  
Delta R.T.: 0.002 min  
Response: 88859411  
Conc: 49.59 ng/ml



#21 Endrin ketone

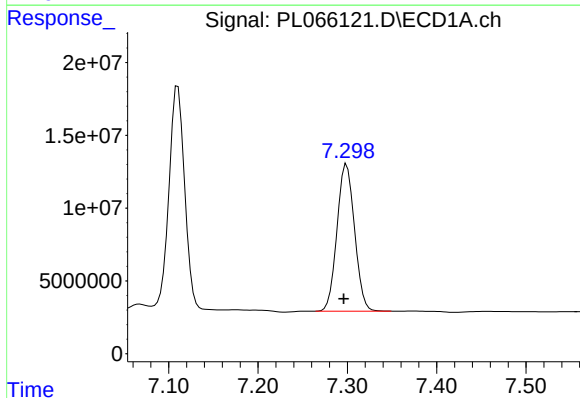
R.T.: 7.110 min  
Delta R.T.: 0.005 min  
Response: 189205530  
Conc: 51.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



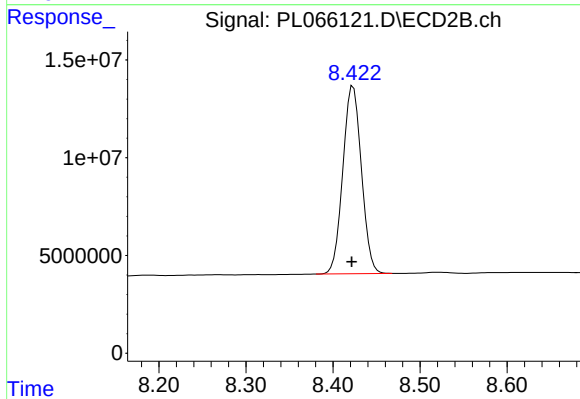
#21 Endrin ketone

R.T.: 7.969 min  
Delta R.T.: 0.002 min  
Response: 192656846  
Conc: 52.37 ng/ml



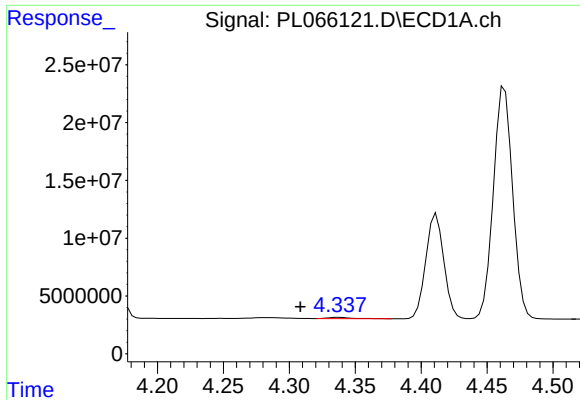
#22 Mirex

R.T.: 7.299 min  
Delta R.T.: 0.003 min  
Response: 137991309  
Conc: 48.25 ng/ml



#22 Mirex

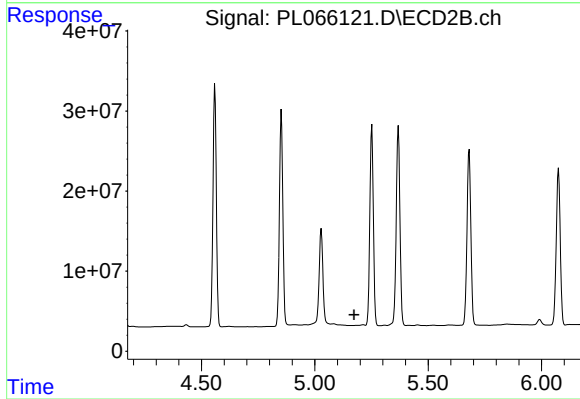
R.T.: 8.423 min  
Delta R.T.: 0.002 min  
Response: 142354736  
Conc: 50.29 ng/ml



#23 Chlordane-1

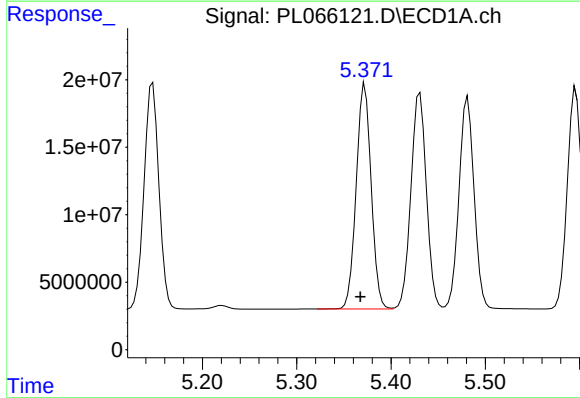
R.T.: 4.338 min  
Delta R.T.: 0.030 min  
Response: 1457921  
Conc: 12.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



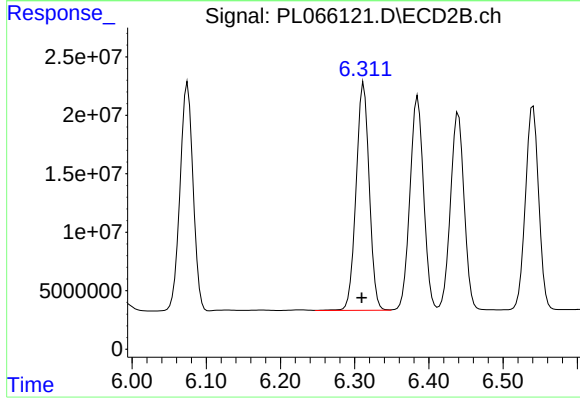
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.173 min  
Response: 0  
Conc: N.D.



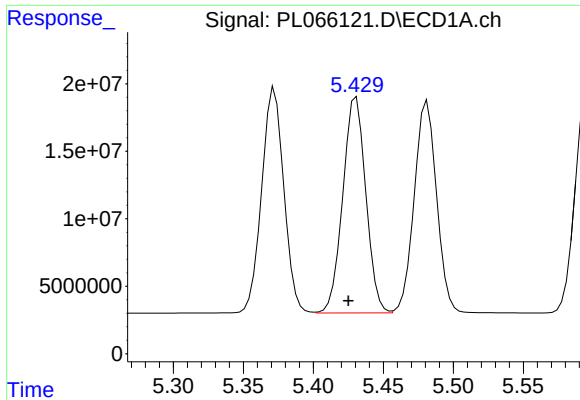
#25 Chlordane-3

R.T.: 5.372 min  
Delta R.T.: 0.005 min  
Response: 184014413  
Conc: 506.29 ng/ml



#25 Chlordane-3

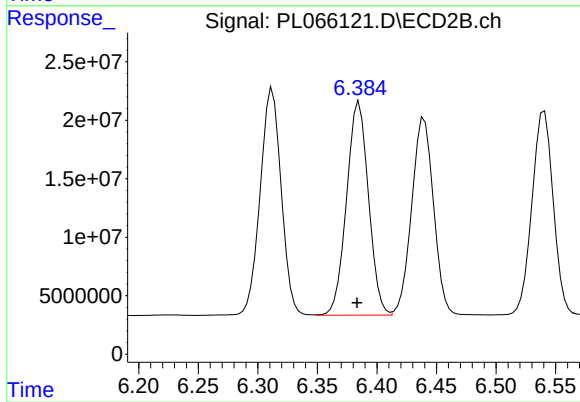
R.T.: 6.312 min  
Delta R.T.: 0.003 min  
Response: 239335772  
Conc: 363.99 ng/ml



#26 Chlordane-4

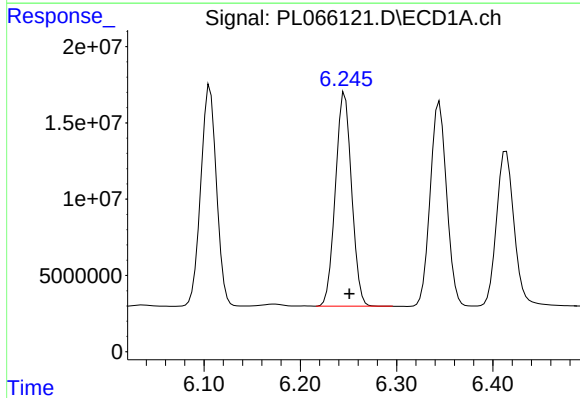
R.T.: 5.431 min  
Delta R.T.: 0.006 min  
Response: 183103735  
Conc: 580.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



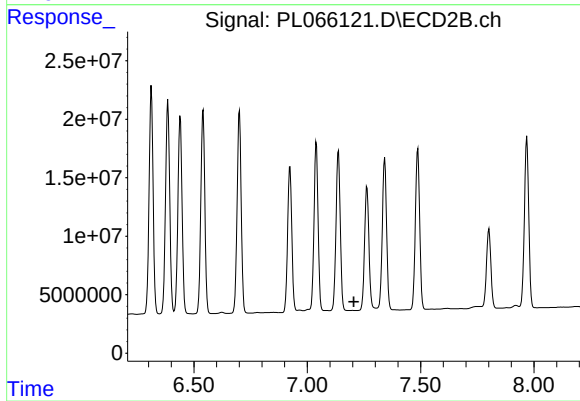
#26 Chlordane-4

R.T.: 6.385 min  
Delta R.T.: 0.002 min  
Response: 233866408  
Conc: 297.71 ng/ml



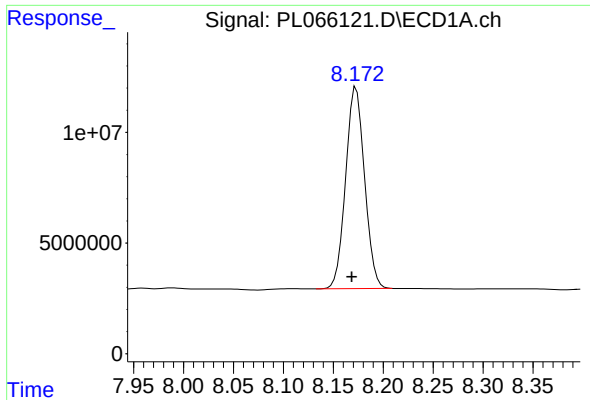
#27 Chlordane-5

R.T.: 6.246 min  
Delta R.T.: -0.005 min  
Response: 163676913  
Conc: 1158.51 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.206 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

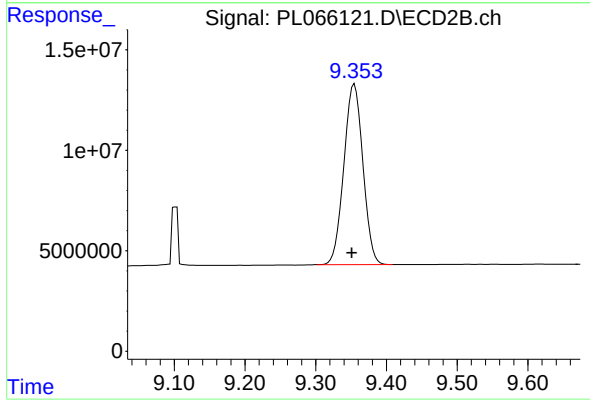
R.T.: 8.173 min

Delta R.T.: 0.004 min

Response: 120063027

Conc: 50.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.355 min

Delta R.T.: 0.004 min

Response: 168259078

Conc: 51.52 ng/ml