

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110119\  
 Data File : PL054002.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Nov 2019 14:43  
 Operator : SG\AJ  
 Sample : PB124489BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB124489BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 01 22:37:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 2019  
 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... | 3.542 | 4.044  | 196.8E6 | 47406247 | 18.153   | 18.944     |
| 28)                         | SA Decachlor... | 8.328 | 9.123  | 173.5E6 | 49958726 | 17.681   | 17.741     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.986 | 4.436  | 887.5E6 | 180.3E6  | 50.897   | 52.167     |
| 3)                          | MA gamma-BHC... | 4.272 | 4.721  | 797.9E6 | 167.4E6  | 51.237   | 51.996     |
| 4)                          | MA Heptachlor   | 4.579 | 5.231  | 786.0E6 | 156.5E6  | 49.799   | 48.562     |
| 5)                          | MB Aldrin       | 4.830 | 5.536  | 753.6E6 | 151.5E6  | 52.715   | 50.813     |
| 6)                          | B beta-BHC      | 4.522 | 4.891  | 328.8E6 | 75296029 | 49.901   | 48.747     |
| 7)                          | B delta-BHC     | 4.731 | 5.109  | 721.6E6 | 150.3E6  | 47.411   | 49.754     |
| 8)                          | B Heptachlo...  | 5.276 | 5.922  | 689.9E6 | 144.7E6  | 51.110   | 49.615     |
| 9)                          | A Endosulfan I  | 5.618 | 6.279  | 619.2E6 | 136.5E6  | 50.376   | 50.337     |
| 10)                         | B gamma-Chl...  | 5.505 | 6.156  | 689.2E6 | 144.2E6  | 50.513   | 49.431     |
| 11)                         | B alpha-Chl...  | 5.563 | 6.229  | 661.5E6 | 146.0E6  | 49.722   | 49.997     |
| 12)                         | B 4,4'-DDE      | 5.726 | 6.385  | 618.1E6 | 142.7E6  | 52.017   | 50.663     |
| 13)                         | MA Dieldrin     | 5.863 | 6.536  | 653.4E6 | 143.6E6  | 50.131   | 50.328     |
| 14)                         | MA Endrin       | 6.121 | 6.754  | 521.4E6 | 109.6E6  | 44.980   | 45.169     |
| 15)                         | B Endosulfa...  | 6.394 | 6.963  | 541.6E6 | 129.9E6  | 48.446   | 50.862     |
| 16)                         | A 4,4'-DDD      | 6.244 | 6.875  | 506.0E6 | 121.2E6  | 56.851   | 58.139     |
| 17)                         | MA 4,4'-DDT     | 6.486 | 7.173  | 398.2E6 | 96686747 | 40.193   | 41.810     |
| 18)                         | B Endrin al...  | 6.562 | 7.087  | 445.6E6 | 111.6E6  | 48.599   | 50.806     |
| 19)                         | B Endosulfa...  | 6.776 | 7.309  | 487.5E6 | 120.9E6  | 47.923   | 49.259     |
| 20)                         | A Methoxychlor  | 7.032 | 7.631  | 201.0E6 | 54203379 | 40.776   | 41.730     |
| 21)                         | B Endrin ke...  | 7.270 | 7.781  | 563.7E6 | 139.1E6  | 52.359   | 53.928     |
| 22)                         | Mirex           | 7.464 | 8.236  | 467.4E6 | 120.1E6  | 54.646   | 59.354     |
| 24)                         | Chlordane-2     | 0.000 | 5.536f | 0       | 151.5E6  | N.D.     | 1542.449 # |
| 25)                         | Chlordane-3     | 5.505 | 6.156  | 689.2E6 | 144.2E6  | 597.886  | 394.905 #  |
| 26)                         | Chlordane-4     | 5.563 | 6.229  | 661.5E6 | 146.0E6  | 705.610  | 325.109 #  |
| 27)                         | Chlordane-5     | 6.394 | 0.000  | 541.6E6 | 0        | 1481.747 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

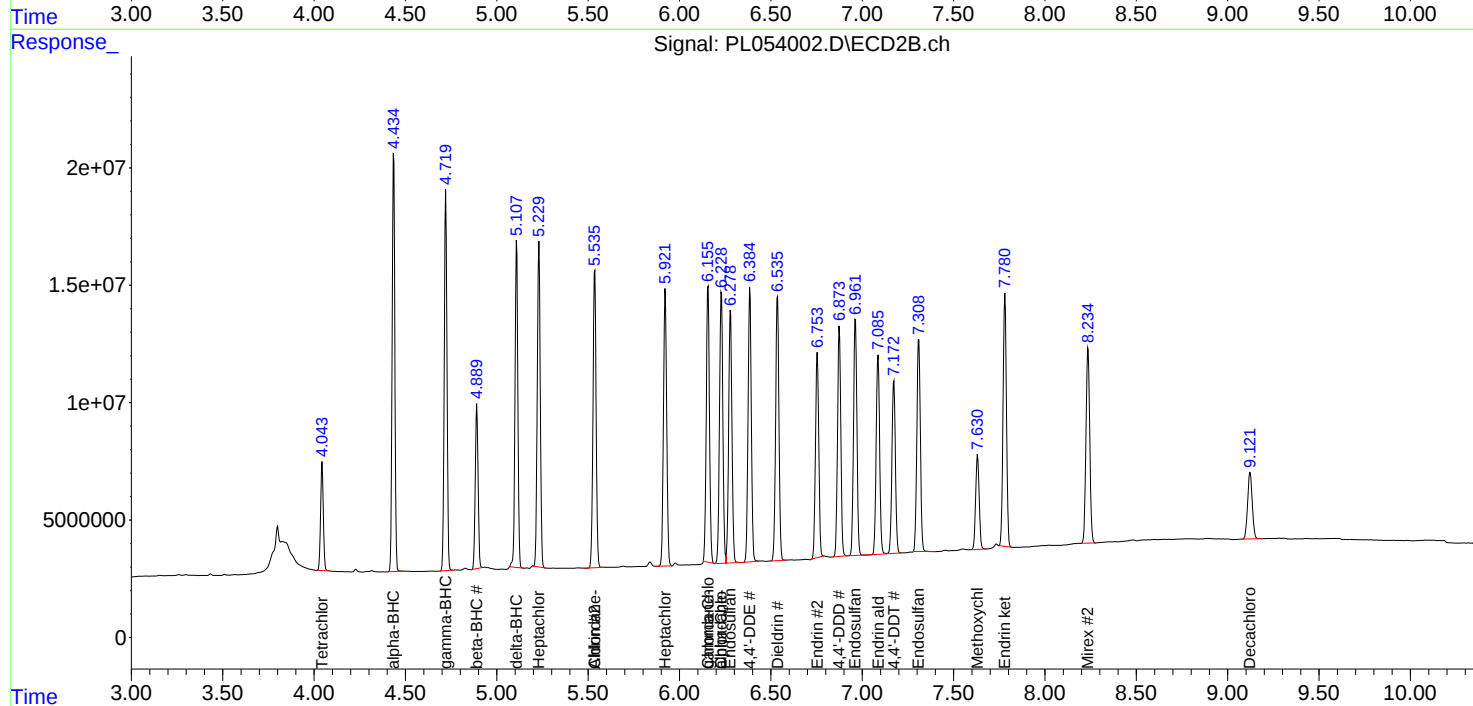
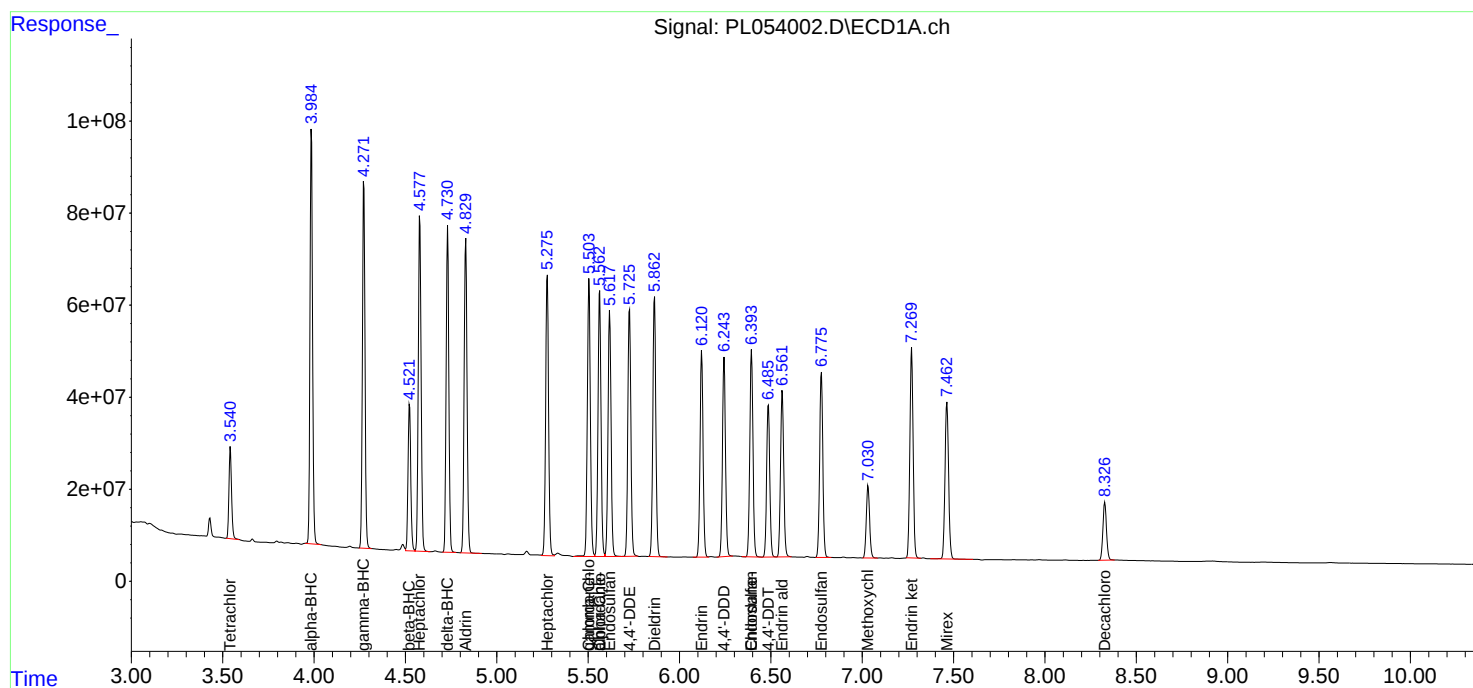
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

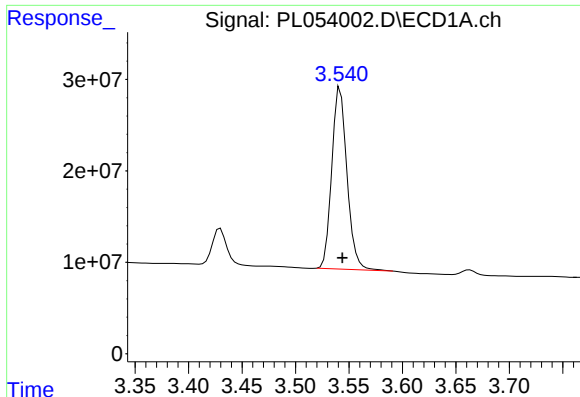
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110119\  
Data File : PL054002.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Nov 2019 14:43  
Operator : SG\AJ  
Sample : PB124489BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PB124489BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 01 22:37:17 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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

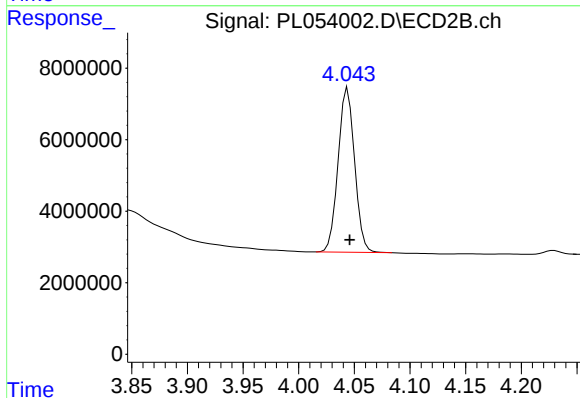




#1 Tetrachloro-m-xylene

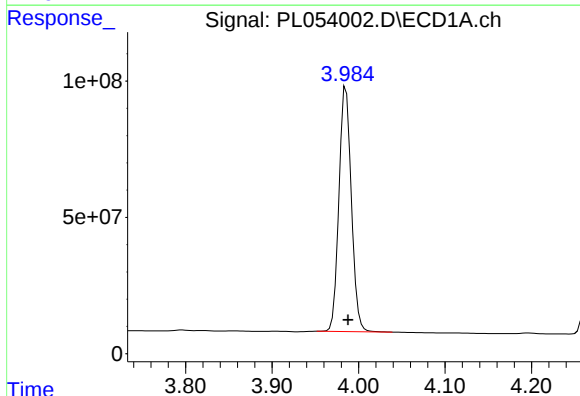
R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 196762106  
Conc: 18.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



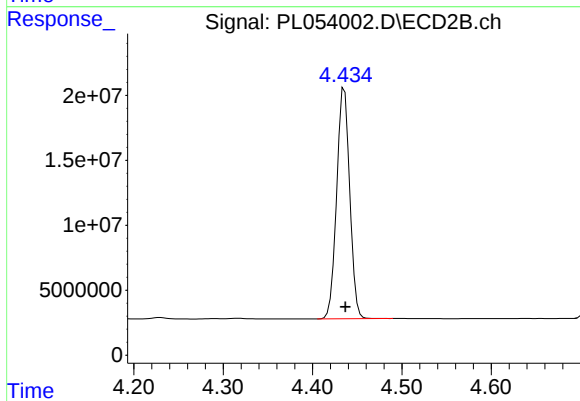
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 47406247  
Conc: 18.94 ng/ml



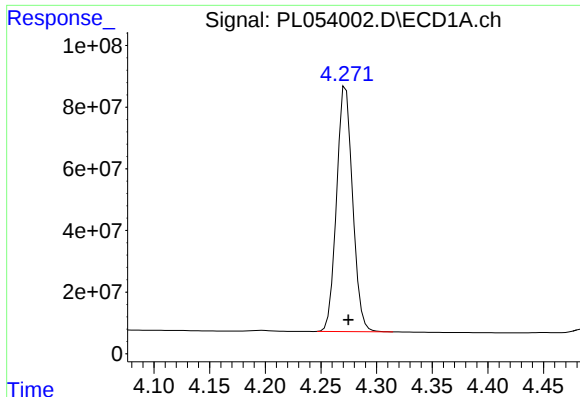
#2 alpha-BHC

R.T.: 3.986 min  
Delta R.T.: -0.002 min  
Response: 887466384  
Conc: 50.90 ng/ml



#2 alpha-BHC

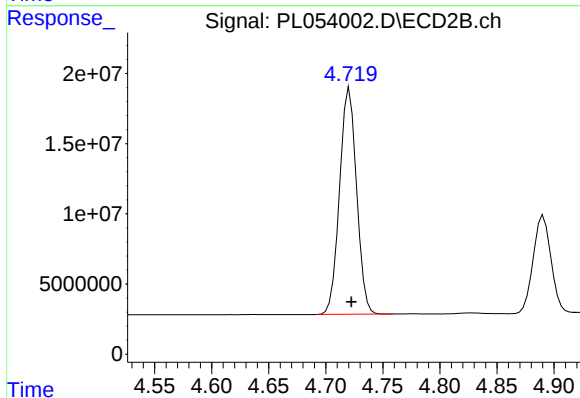
R.T.: 4.436 min  
Delta R.T.: -0.001 min  
Response: 180346817  
Conc: 52.17 ng/ml



#3 gamma-BHC (Lindane)

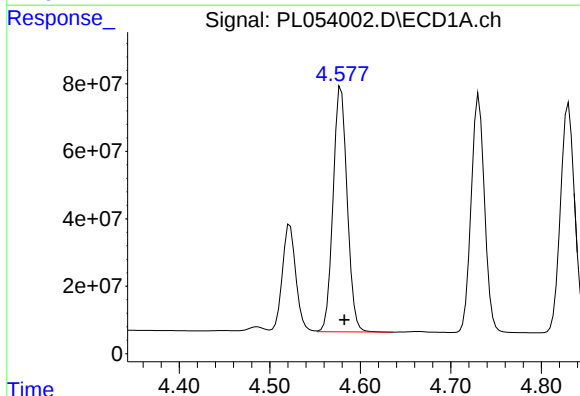
R.T.: 4.272 min  
Delta R.T.: -0.002 min  
Response: 797945616  
Conc: 51.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



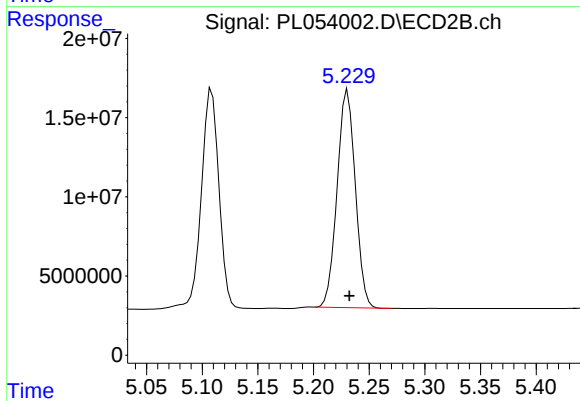
#3 gamma-BHC (Lindane)

R.T.: 4.721 min  
Delta R.T.: -0.002 min  
Response: 167447088  
Conc: 52.00 ng/ml



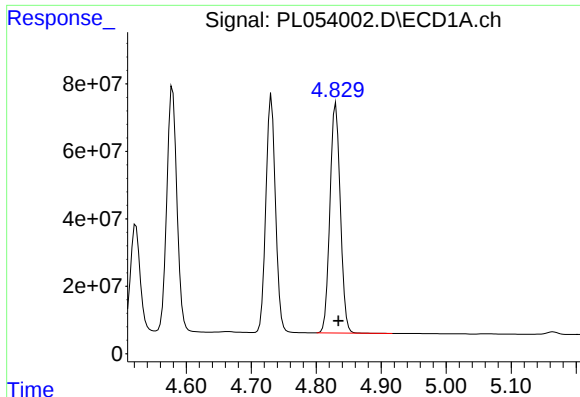
#4 Heptachlor

R.T.: 4.579 min  
Delta R.T.: -0.003 min  
Response: 785971860  
Conc: 49.80 ng/ml



#4 Heptachlor

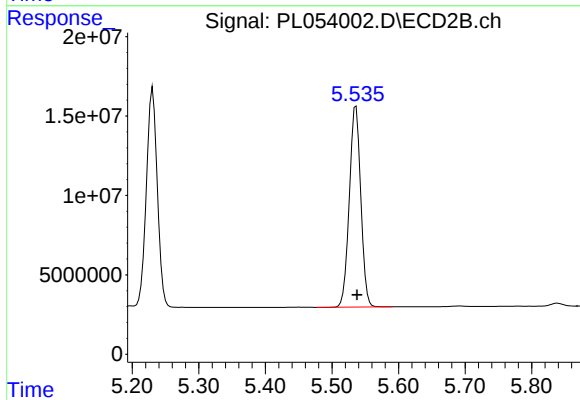
R.T.: 5.231 min  
Delta R.T.: -0.001 min  
Response: 156475954  
Conc: 48.56 ng/ml



#5 Aldrin

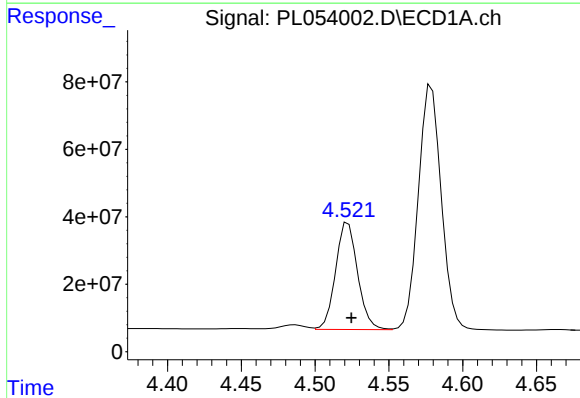
R.T.: 4.830 min  
Delta R.T.: -0.004 min  
Response: 753602037  
Conc: 52.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



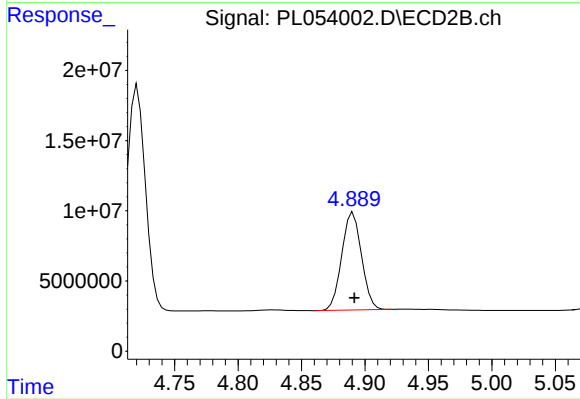
#5 Aldrin

R.T.: 5.536 min  
Delta R.T.: -0.002 min  
Response: 151501612  
Conc: 50.81 ng/ml



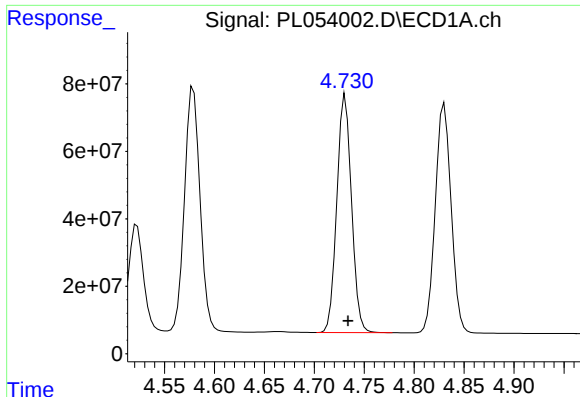
#6 beta-BHC

R.T.: 4.522 min  
Delta R.T.: -0.002 min  
Response: 328839727  
Conc: 49.90 ng/ml



#6 beta-BHC

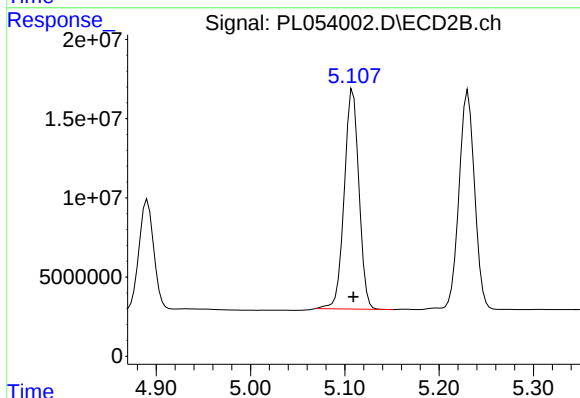
R.T.: 4.891 min  
Delta R.T.: 0.000 min  
Response: 75296029  
Conc: 48.75 ng/ml



#7 delta-BHC

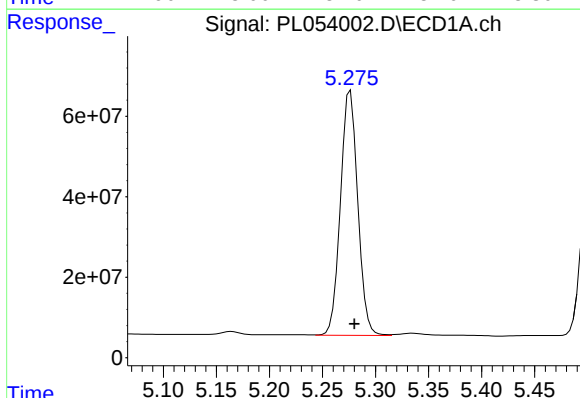
R.T.: 4.731 min  
Delta R.T.: -0.003 min  
Response: 721640358  
Conc: 47.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



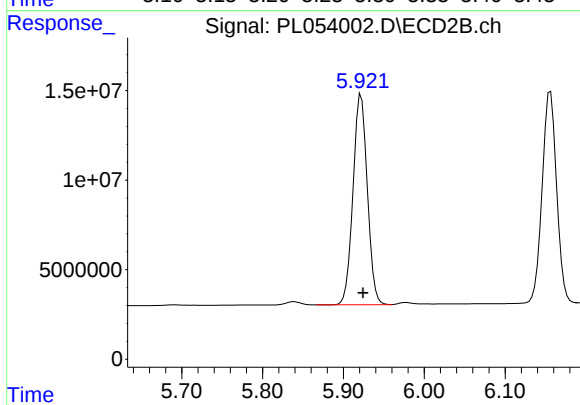
#7 delta-BHC

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 150285981  
Conc: 49.75 ng/ml



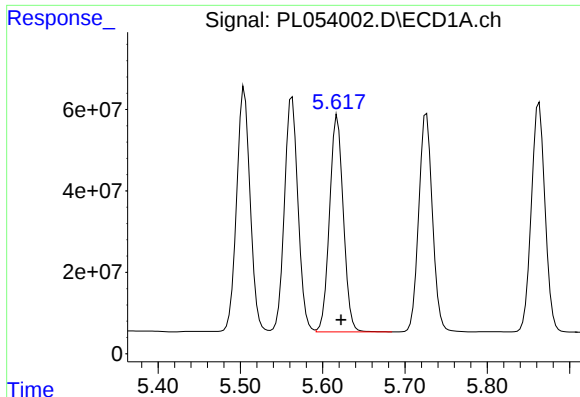
#8 Heptachlor epoxide

R.T.: 5.276 min  
Delta R.T.: -0.004 min  
Response: 689944163  
Conc: 51.11 ng/ml



#8 Heptachlor epoxide

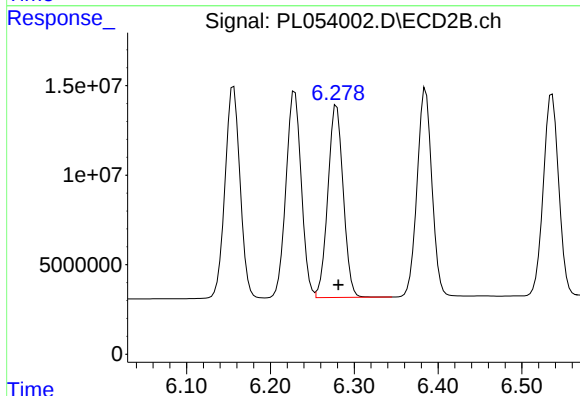
R.T.: 5.922 min  
Delta R.T.: -0.003 min  
Response: 144696598  
Conc: 49.61 ng/ml



#9 Endosulfan I

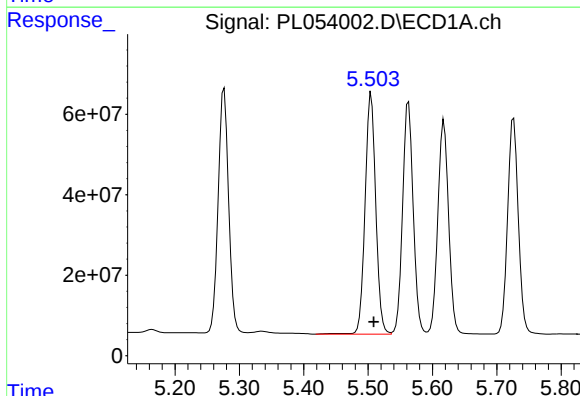
R.T.: 5.618 min  
Delta R.T.: -0.005 min  
Response: 619222824  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



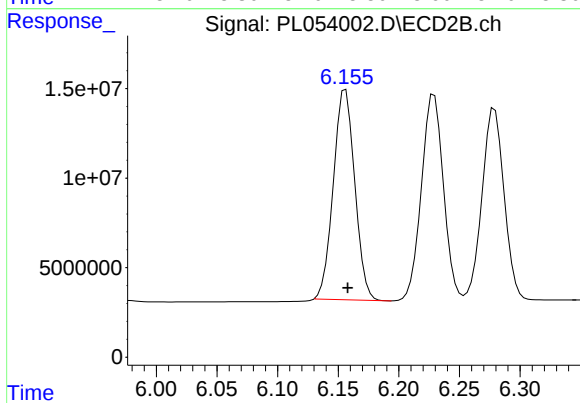
#9 Endosulfan I

R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 136476903  
Conc: 50.34 ng/ml



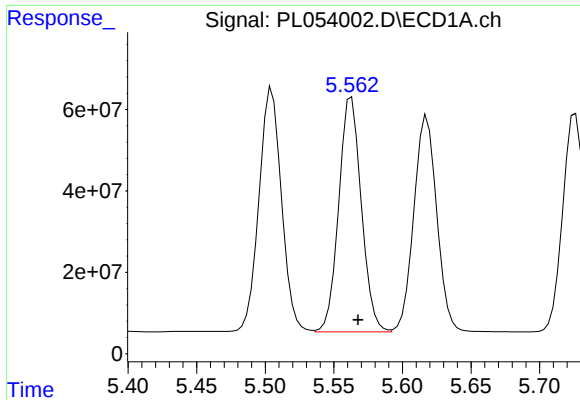
#10 gamma-Chlordane

R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 689175058  
Conc: 50.51 ng/ml



#10 gamma-Chlordane

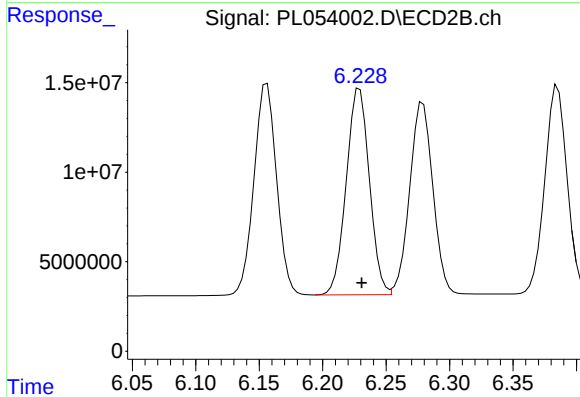
R.T.: 6.156 min  
Delta R.T.: -0.002 min  
Response: 144231273  
Conc: 49.43 ng/ml



#11 alpha-Chlordane

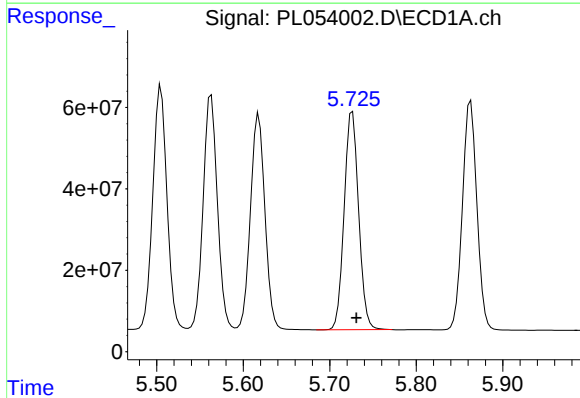
R.T.: 5.563 min  
Delta R.T.: -0.005 min  
Response: 661475120  
Conc: 49.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



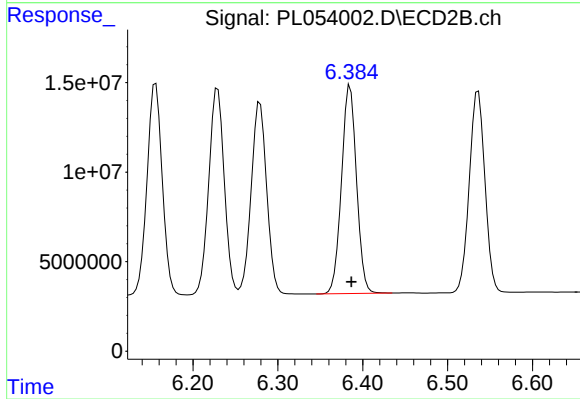
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: -0.002 min  
Response: 145953418  
Conc: 50.00 ng/ml



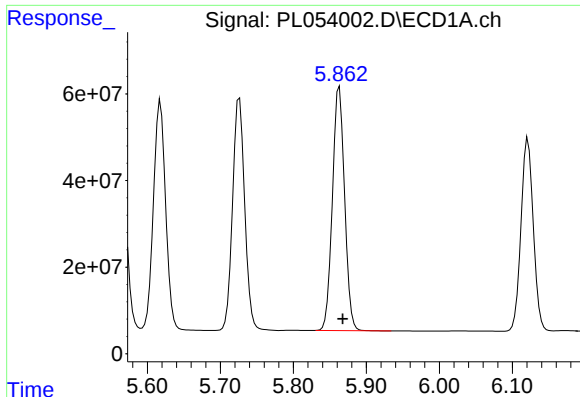
#12 4,4'-DDE

R.T.: 5.726 min  
Delta R.T.: -0.005 min  
Response: 618080349  
Conc: 52.02 ng/ml



#12 4,4'-DDE

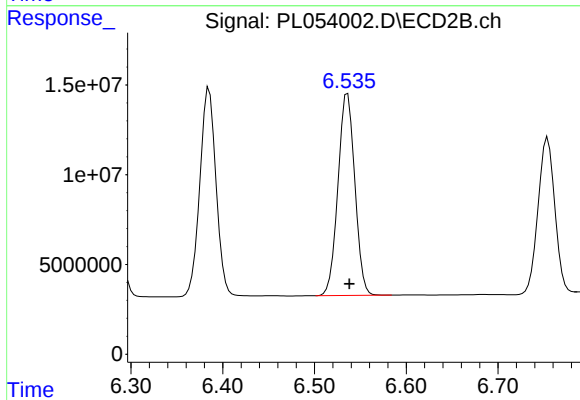
R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 142684589  
Conc: 50.66 ng/ml



#13 Dieldrin

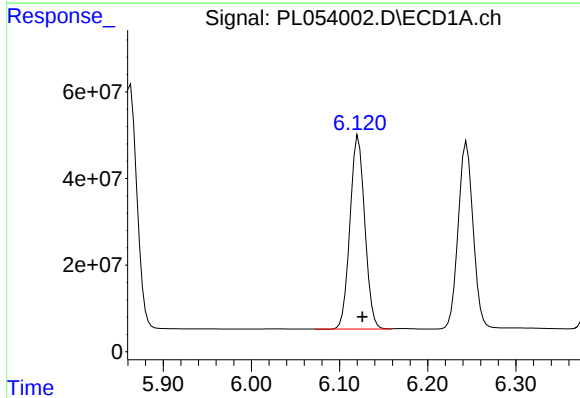
R.T.: 5.863 min  
Delta R.T.: -0.004 min  
Response: 653378726  
Conc: 50.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



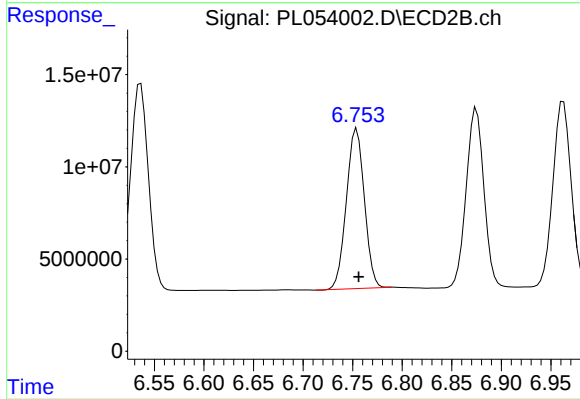
#13 Dieldrin

R.T.: 6.536 min  
Delta R.T.: -0.002 min  
Response: 143617729  
Conc: 50.33 ng/ml



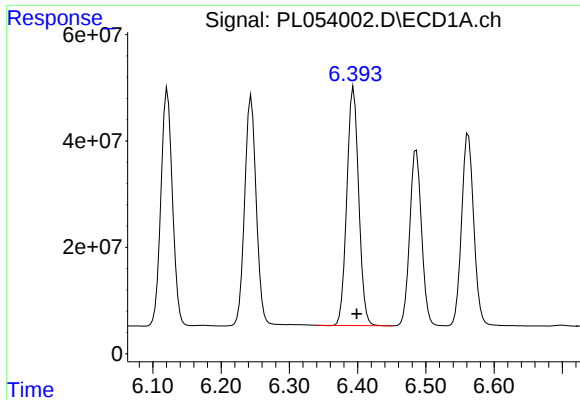
#14 Endrin

R.T.: 6.121 min  
Delta R.T.: -0.005 min  
Response: 521372011  
Conc: 44.98 ng/ml



#14 Endrin

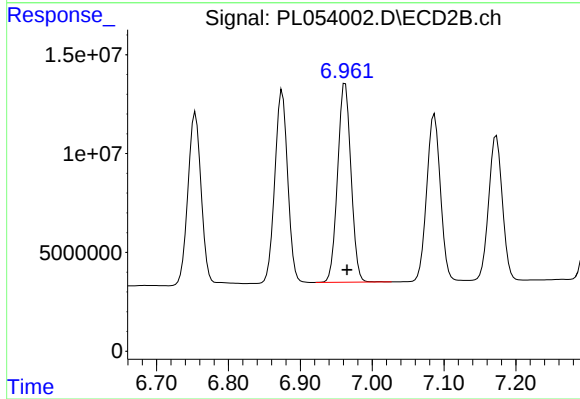
R.T.: 6.754 min  
Delta R.T.: -0.002 min  
Response: 109634031  
Conc: 45.17 ng/ml



#15 Endosulfan II

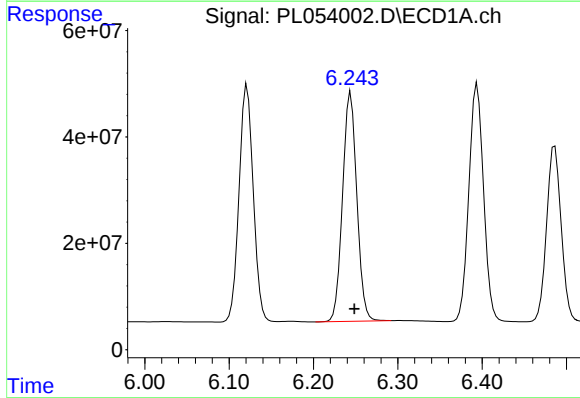
R.T.: 6.394 min  
Delta R.T.: -0.005 min  
Response: 541643975  
Conc: 48.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



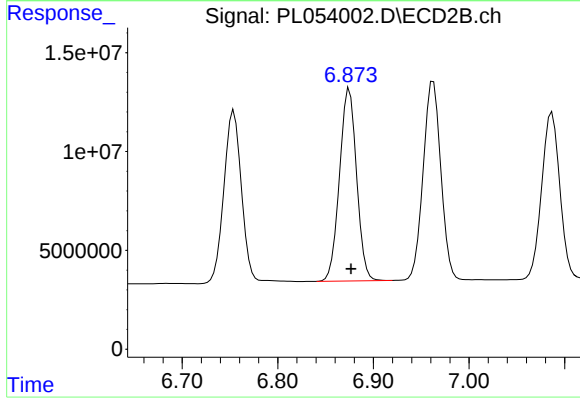
#15 Endosulfan II

R.T.: 6.963 min  
Delta R.T.: -0.002 min  
Response: 129926480  
Conc: 50.86 ng/ml



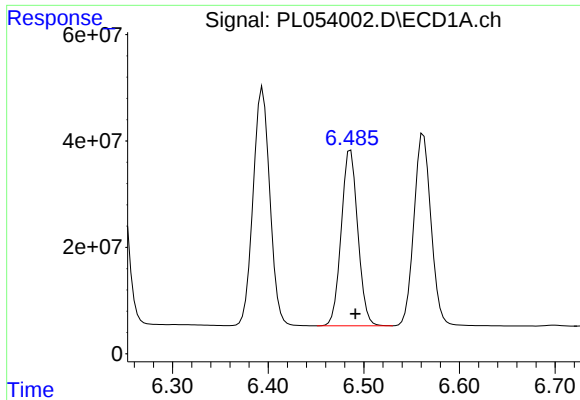
#16 4,4'-DDD

R.T.: 6.244 min  
Delta R.T.: -0.004 min  
Response: 505966350  
Conc: 56.85 ng/ml



#16 4,4'-DDD

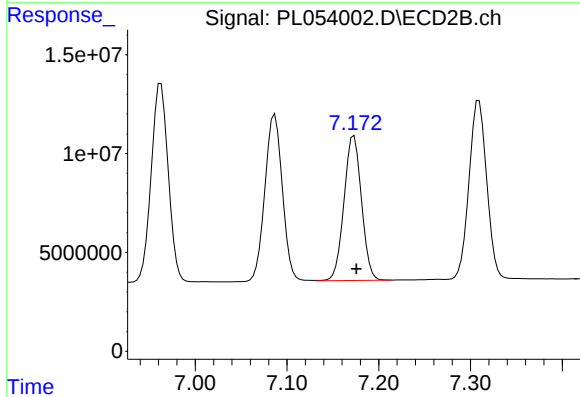
R.T.: 6.875 min  
Delta R.T.: -0.002 min  
Response: 121159326  
Conc: 58.14 ng/ml



#17 4,4'-DDT

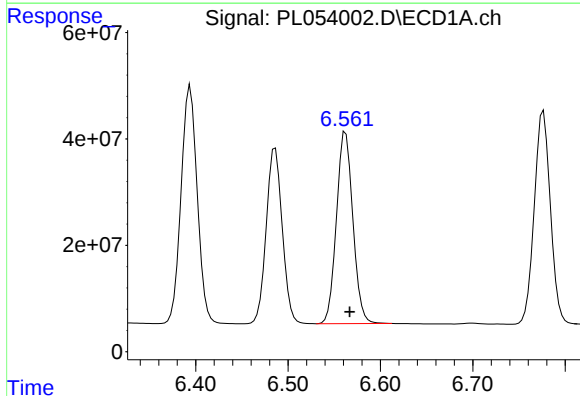
R.T.: 6.486 min  
Delta R.T.: -0.005 min  
Response: 398160937  
Conc: 40.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



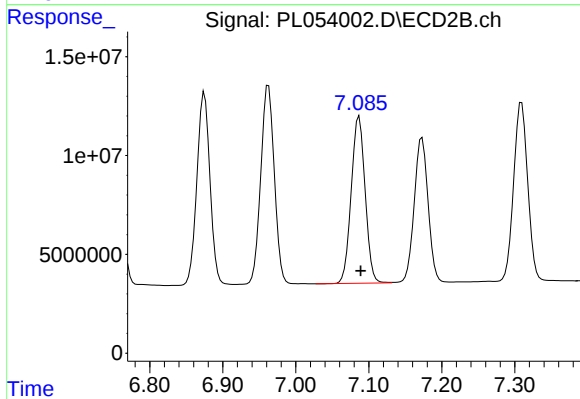
#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 96686747  
Conc: 41.81 ng/ml



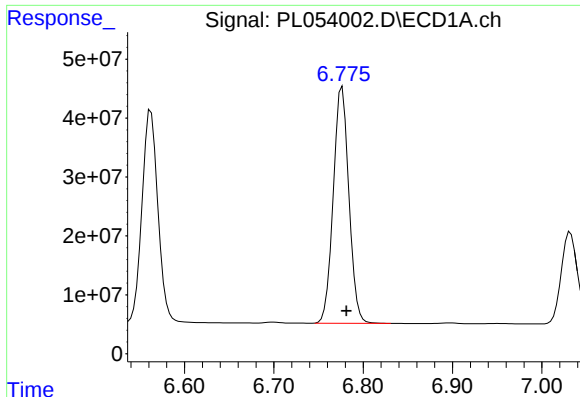
#18 Endrin aldehyde

R.T.: 6.562 min  
Delta R.T.: -0.005 min  
Response: 445612767  
Conc: 48.60 ng/ml



#18 Endrin aldehyde

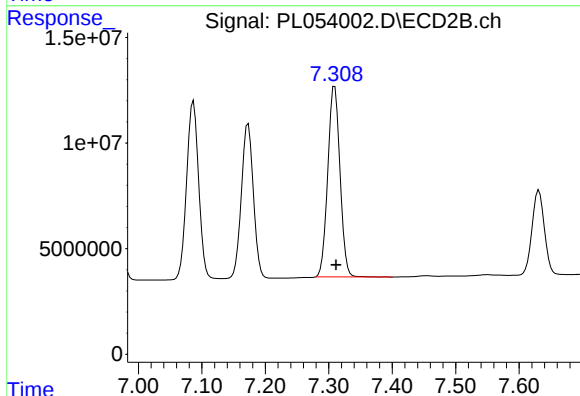
R.T.: 7.087 min  
Delta R.T.: -0.002 min  
Response: 111610040  
Conc: 50.81 ng/ml



#19 Endosulfan Sulfate

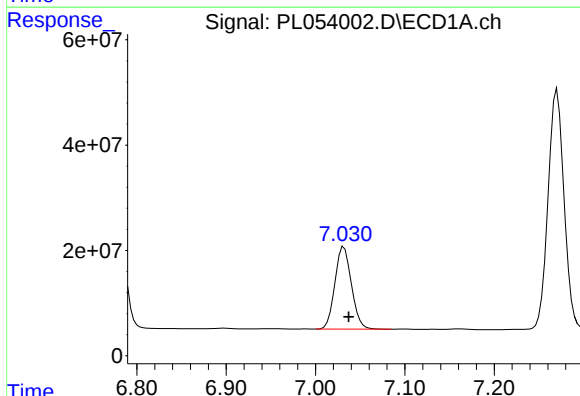
R.T.: 6.776 min  
Delta R.T.: -0.005 min  
Response: 487458354  
Conc: 47.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



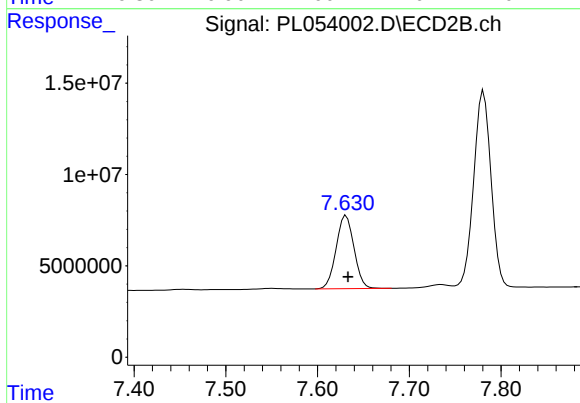
#19 Endosulfan Sulfate

R.T.: 7.309 min  
Delta R.T.: -0.002 min  
Response: 120862397  
Conc: 49.26 ng/ml



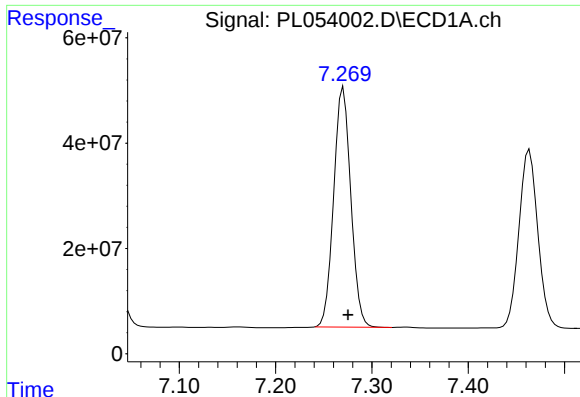
#20 Methoxychlor

R.T.: 7.032 min  
Delta R.T.: -0.005 min  
Response: 201042324  
Conc: 40.78 ng/ml



#20 Methoxychlor

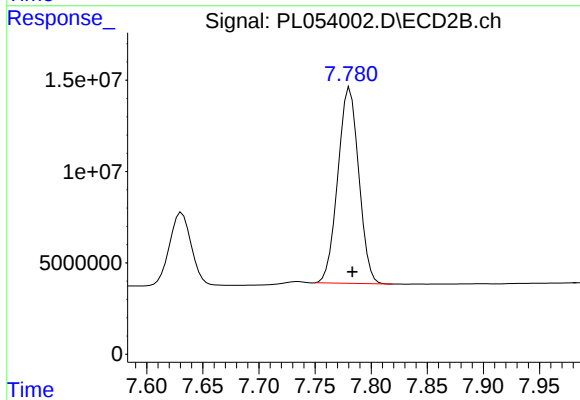
R.T.: 7.631 min  
Delta R.T.: -0.002 min  
Response: 54203379  
Conc: 41.73 ng/ml



#21 Endrin ketone

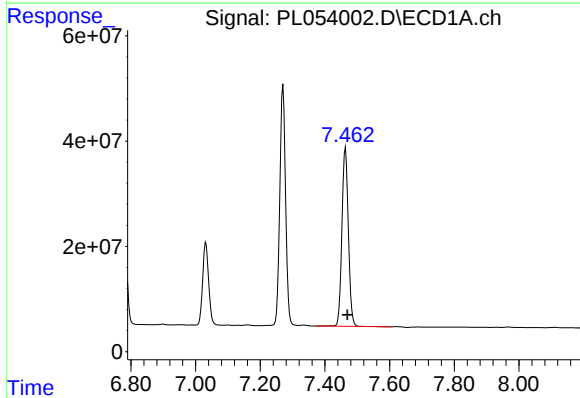
R.T.: 7.270 min  
Delta R.T.: -0.005 min  
Response: 563653894  
Conc: 52.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



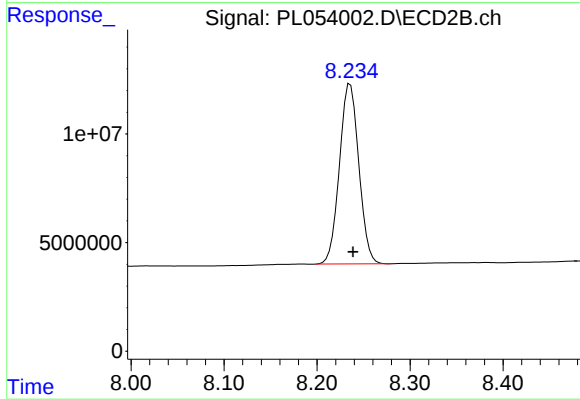
#21 Endrin ketone

R.T.: 7.781 min  
Delta R.T.: -0.002 min  
Response: 139052124  
Conc: 53.93 ng/ml



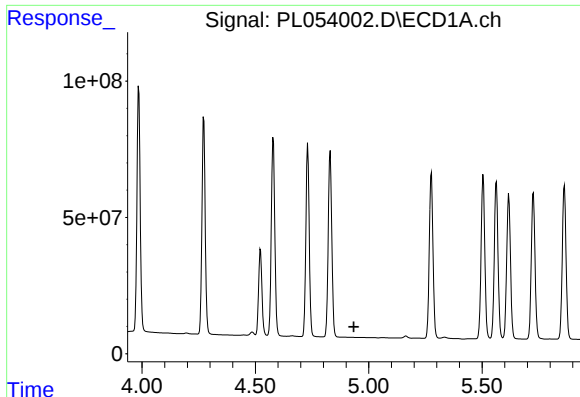
#22 Mirex

R.T.: 7.464 min  
Delta R.T.: -0.006 min  
Response: 467386387  
Conc: 54.65 ng/ml



#22 Mirex

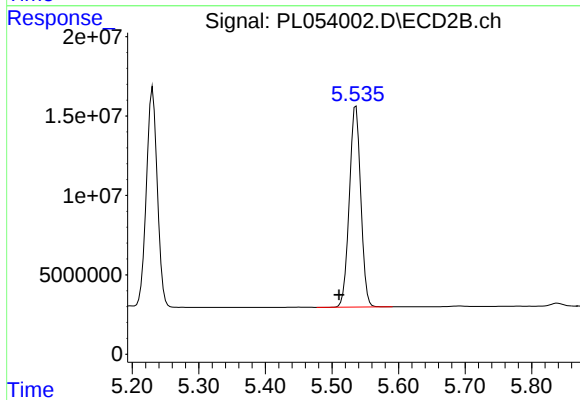
R.T.: 8.236 min  
Delta R.T.: -0.003 min  
Response: 120076922  
Conc: 59.35 ng/ml



#24 Chlordane-2

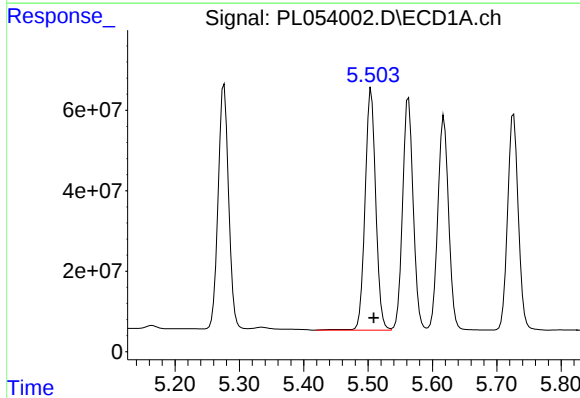
R.T.: 0.000 min  
Exp R.T.: 4.934 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



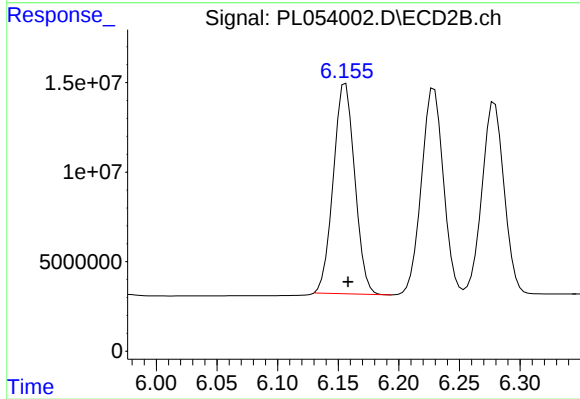
#24 Chlordane-2

R.T.: 5.536 min  
Delta R.T.: 0.026 min  
Response: 151501612  
Conc: 1542.45 ng/ml



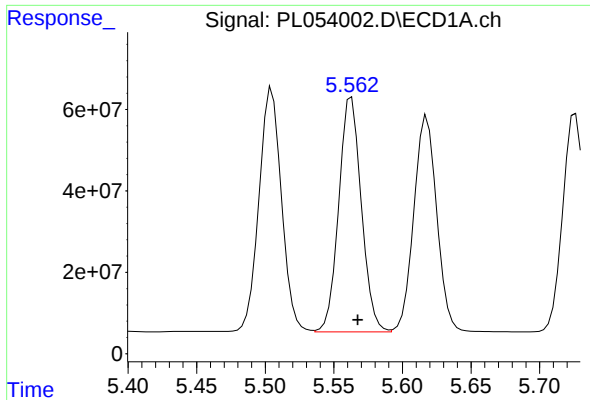
#25 Chlordane-3

R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 689175058  
Conc: 597.89 ng/ml



#25 Chlordane-3

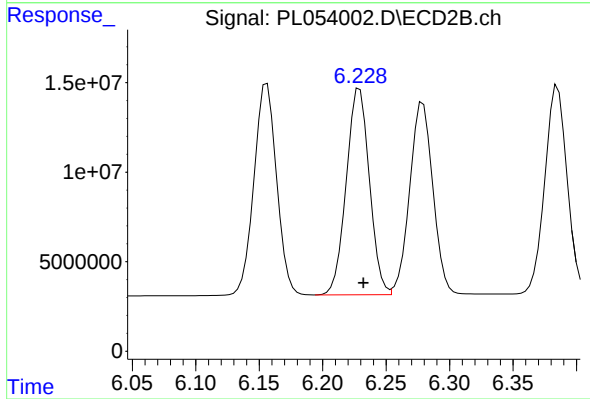
R.T.: 6.156 min  
Delta R.T.: -0.002 min  
Response: 144231273  
Conc: 394.90 ng/ml



#26 Chlordane-4

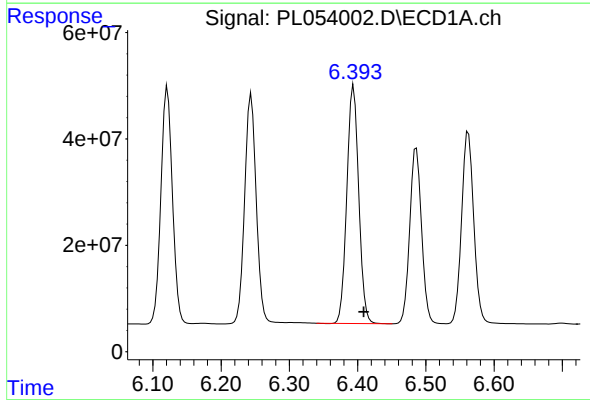
R.T.: 5.563 min  
Delta R.T.: -0.005 min  
Response: 661475120  
Conc: 705.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



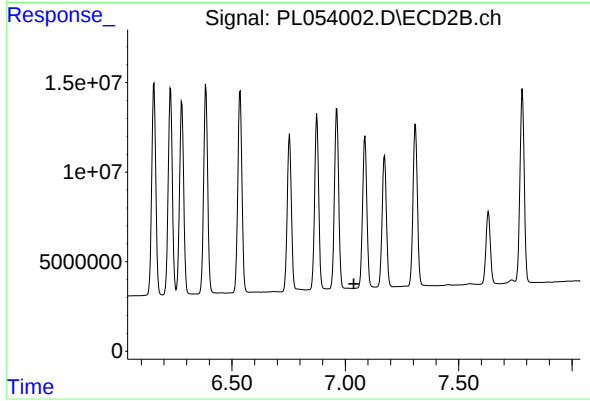
#26 Chlordane-4

R.T.: 6.229 min  
Delta R.T.: -0.003 min  
Response: 145953418  
Conc: 325.11 ng/ml



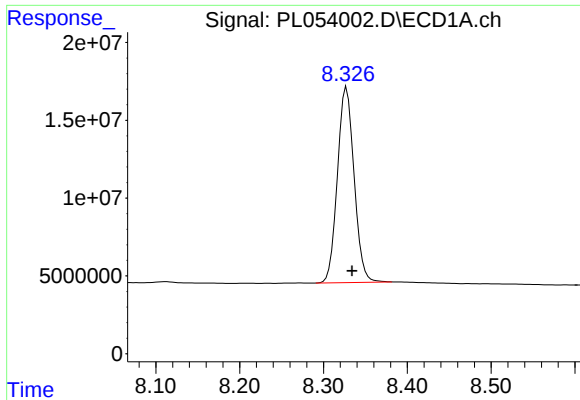
#27 Chlordane-5

R.T.: 6.394 min  
Delta R.T.: -0.015 min  
Response: 541643975  
Conc: 1481.75 ng/ml



#27 Chlordane-5

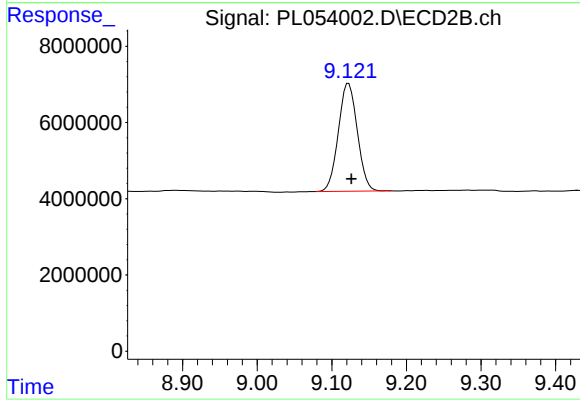
R.T.: 0.000 min  
Exp R.T.: 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.328 min  
Delta R.T.: -0.006 min  
Response: 173482080  
Conc: 17.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB124489BS



#28 Decachlorobiphenyl

R.T.: 9.123 min  
Delta R.T.: -0.004 min  
Response: 49958726  
Conc: 17.74 ng/ml