

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011020\  
 Data File : PL055646.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jan 2020 18:07  
 Operator : AJ\MA  
 Sample : PB125974BSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB125974BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 10 01:30:25 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 10 00:58:33 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... | 3.491 | 3.970  | 165.3E6 | 50442215 | 17.889   | 19.041     |
| 28)                         | SA Decachlor... | 8.236 | 8.960  | 174.5E6 | 41659391 | 19.869   | 20.038     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.929 | 4.354  | 725.9E6 | 184.8E6  | 45.928   | 46.622     |
| 3)                          | MA gamma-BHC... | 4.212 | 4.634  | 689.2E6 | 171.7E6  | 46.654   | 46.193     |
| 4)                          | MA Heptachlor   | 4.513 | 5.133  | 689.9E6 | 151.3E6  | 48.229   | 47.677     |
| 5)                          | MB Aldrin       | 4.762 | 5.434  | 695.9E6 | 151.3E6  | 49.605   | 48.525     |
| 6)                          | B beta-BHC      | 4.461 | 4.802  | 297.6E6 | 72968517 | 48.692   | 47.794     |
| 7)                          | B delta-BHC     | 4.666 | 5.015  | 616.2E6 | 140.3E6  | 43.109   | 45.695     |
| 8)                          | B Heptachlor... | 5.203 | 5.815  | 640.0E6 | 137.2E6  | 48.218   | 46.695     |
| 9)                          | A Endosulfan I  | 5.543 | 6.167  | 600.5E6 | 125.8E6  | 48.603   | 47.511     |
| 10)                         | B gamma-Chl...  | 5.430 | 6.046  | 659.9E6 | 133.3E6  | 49.292   | 47.341     |
| 11)                         | B alpha-Chl...  | 5.488 | 6.117  | 638.2E6 | 132.0E6  | 48.608   | 46.976     |
| 12)                         | B 4,4'-DDE      | 5.652 | 6.272  | 568.9E6 | 127.7E6  | 45.754   | 48.081     |
| 13)                         | MA Dieldrin     | 5.785 | 6.422  | 644.8E6 | 131.9E6  | 49.192   | 48.252     |
| 14)                         | MA Endrin       | 6.042 | 6.637  | 596.0E6 | 108.8E6  | 51.610   | 48.260     |
| 15)                         | B Endosulfa...  | 6.314 | 6.845  | 542.3E6 | 113.2E6  | 50.274   | 47.116     |
| 16)                         | A 4,4'-DDD      | 6.165 | 6.757  | 461.2E6 | 100.7E6  | 48.663   | 48.584     |
| 17)                         | MA 4,4'-DDT     | 6.405 | 7.053  | 435.7E6 | 95280878 | 50.738   | 48.324     |
| 18)                         | B Endrin al...  | 6.481 | 6.967  | 455.4E6 | 96615460 | 48.245   | 47.581     |
| 19)                         | B Endosulfa...  | 6.694 | 7.188  | 517.4E6 | 109.4E6  | 52.893   | 49.170     |
| 20)                         | A Methoxychlor  | 6.948 | 7.506  | 211.1E6 | 50936144 | 49.183   | 48.657     |
| 21)                         | B Endrin ke...  | 7.184 | 7.655  | 565.7E6 | 117.1E6  | 49.905   | 49.186     |
| 22)                         | Mirex           | 7.374 | 8.104  | 363.0E6 | 79141980 | 53.018   | 48.271     |
| 24)                         | Chlordane-2     | 0.000 | 5.434f | 0       | 151.3E6  | N.D.     | 1578.500 # |
| 25)                         | Chlordane-3     | 5.430 | 6.046  | 659.9E6 | 133.3E6  | 560.627  | 390.258 #  |
| 26)                         | Chlordane-4     | 5.488 | 6.117  | 638.2E6 | 132.0E6  | 653.680  | 329.175 #  |
| 27)                         | Chlordane-5     | 6.314 | 0.000  | 542.3E6 | 0        | 1506.546 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

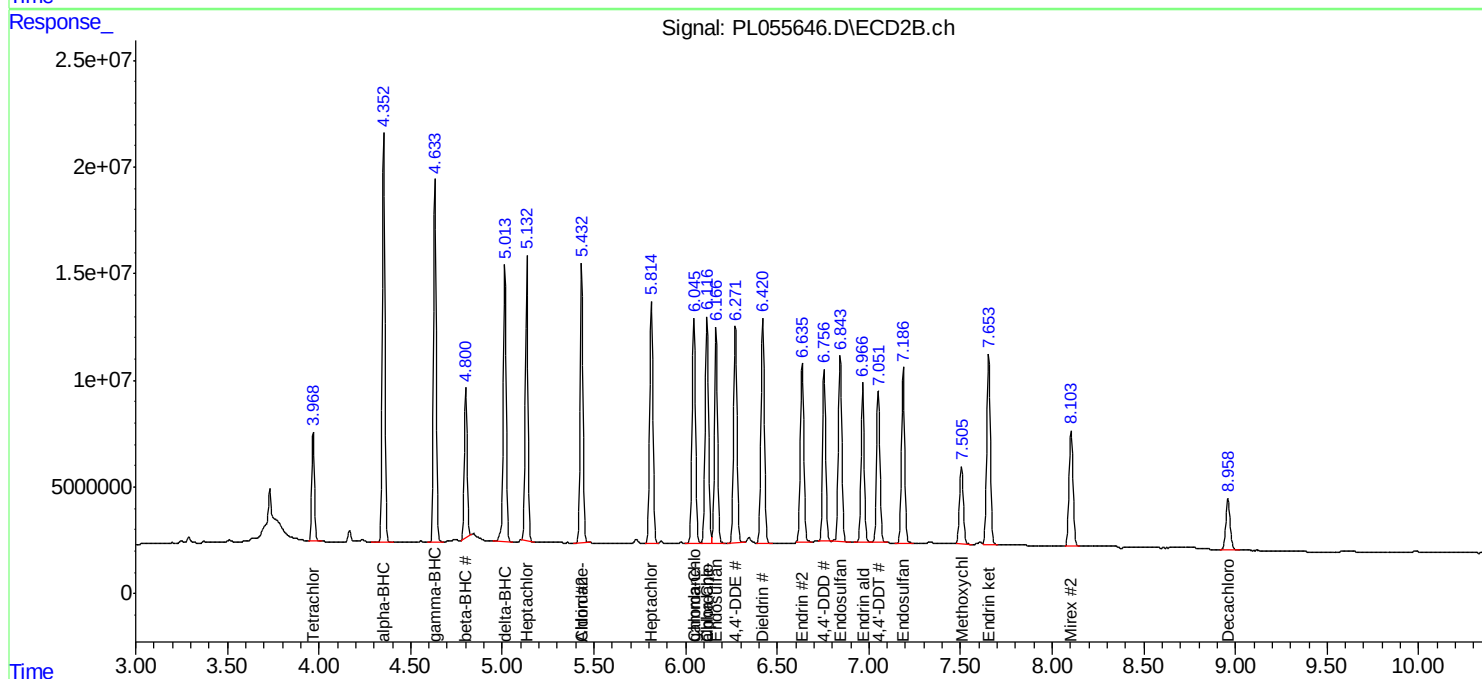
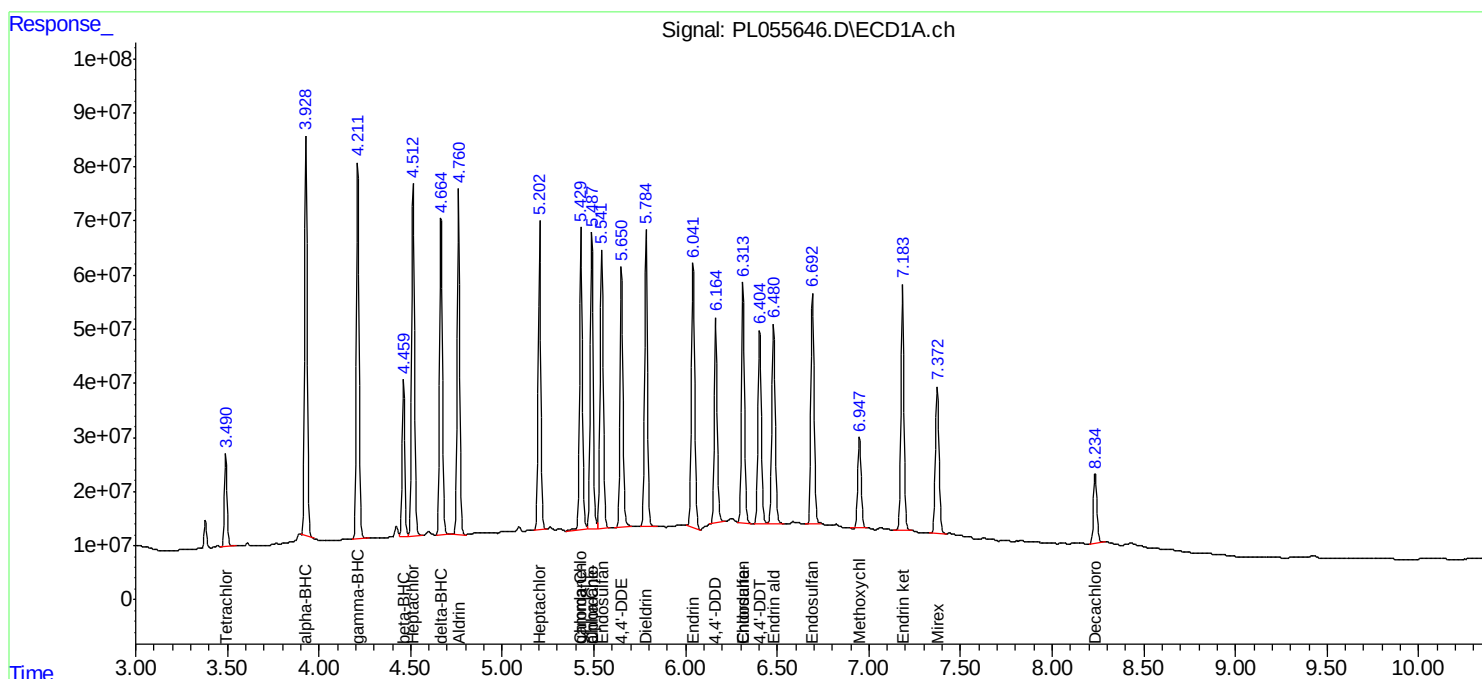
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

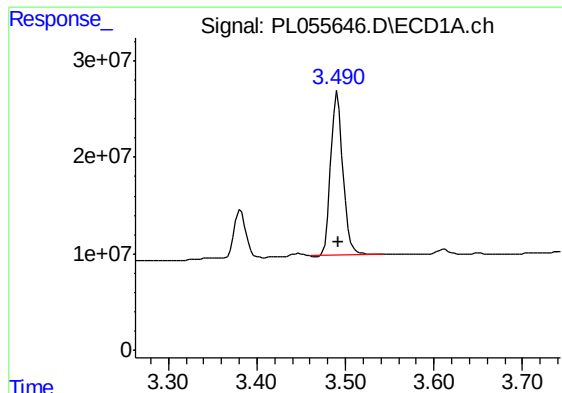
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011020\  
Data File : PL055646.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jan 2020 18:07  
Operator : AJ\MA  
Sample : PB125974BSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PB125974BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 10 01:30:25 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 10 00:58:33 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

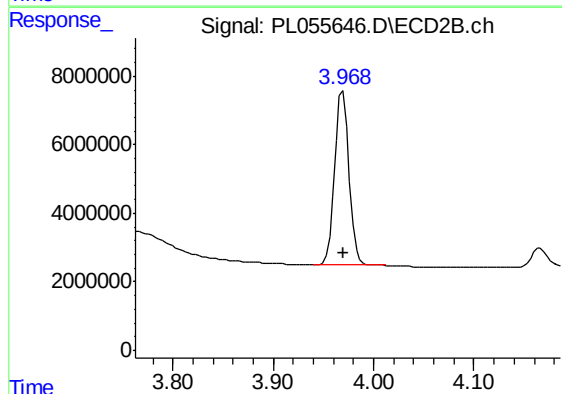




#1 Tetrachloro-m-xylene

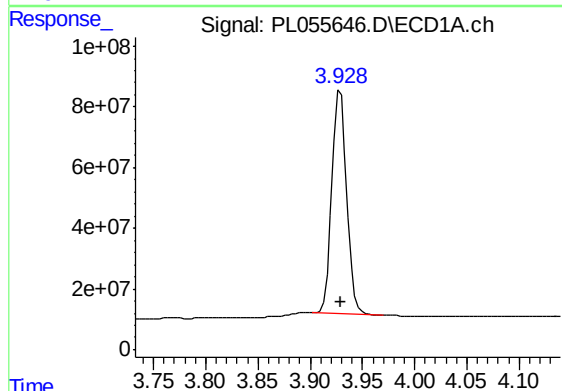
R.T.: 3.491 min  
Delta R.T.: 0.000 min  
Response: 165303944  
Conc: 17.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



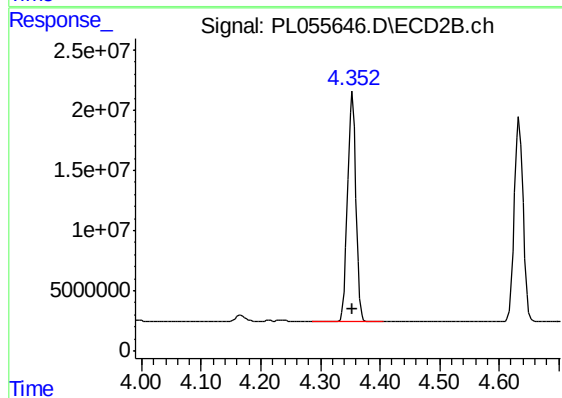
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 50442215  
Conc: 19.04 ng/ml



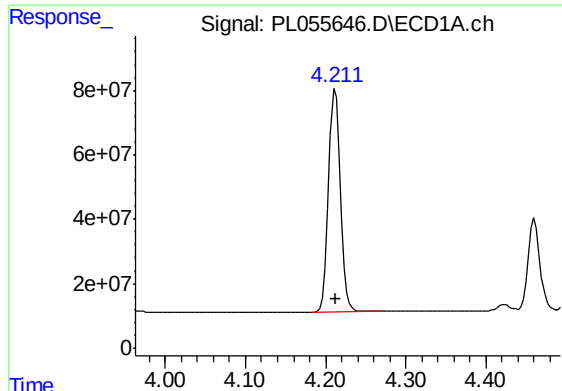
#2 alpha-BHC

R.T.: 3.929 min  
Delta R.T.: 0.000 min  
Response: 725930277  
Conc: 45.93 ng/ml



#2 alpha-BHC

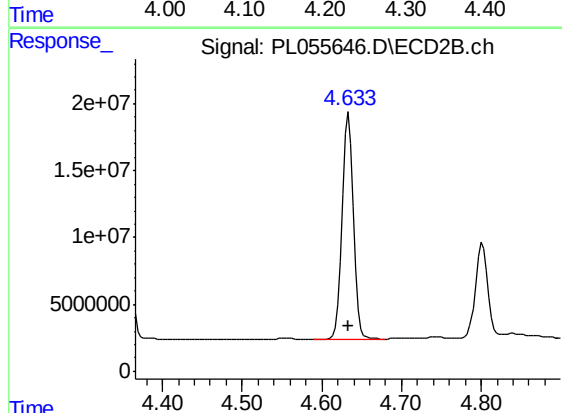
R.T.: 4.354 min  
Delta R.T.: 0.000 min  
Response: 184826547  
Conc: 46.62 ng/ml



#3 gamma-BHC (Lindane)

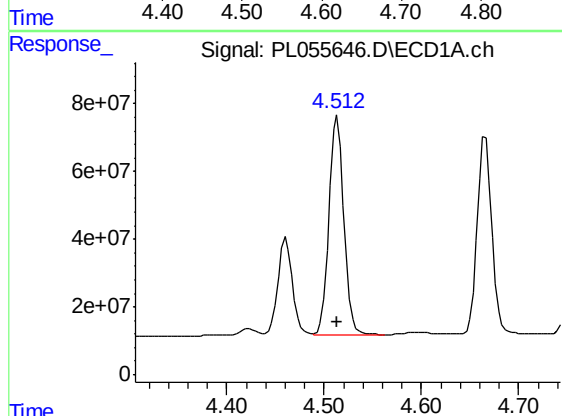
R.T.: 4.212 min  
Delta R.T.: 0.000 min  
Response: 689151659  
Conc: 46.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



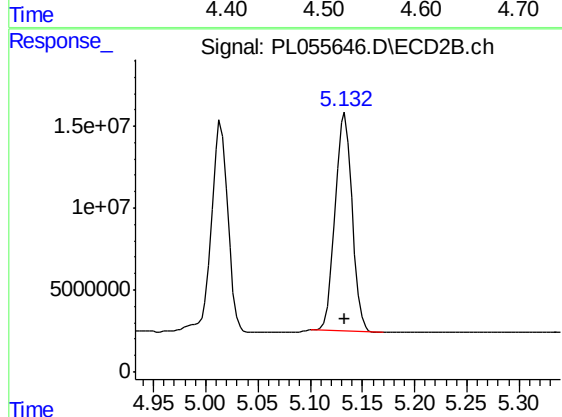
#3 gamma-BHC (Lindane)

R.T.: 4.634 min  
Delta R.T.: 0.000 min  
Response: 171734322  
Conc: 46.19 ng/ml



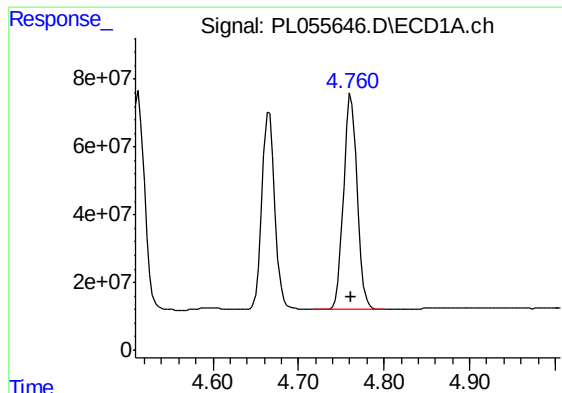
#4 Heptachlor

R.T.: 4.513 min  
Delta R.T.: 0.000 min  
Response: 689907418  
Conc: 48.23 ng/ml



#4 Heptachlor

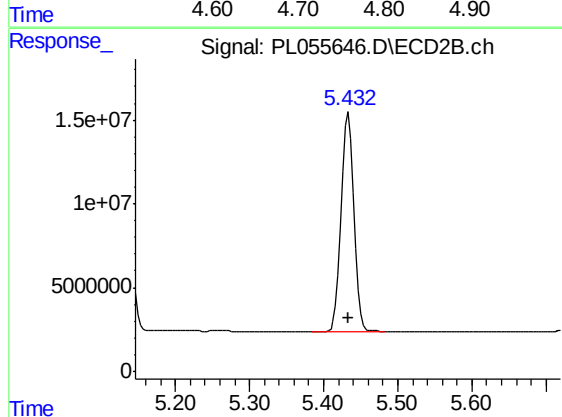
R.T.: 5.133 min  
Delta R.T.: 0.000 min  
Response: 151266952  
Conc: 47.68 ng/ml



#5 Aldrin

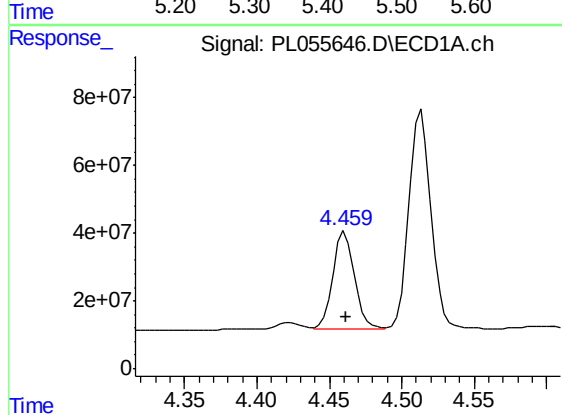
R.T.: 4.762 min  
Delta R.T.: 0.000 min  
Response: 695894798  
Conc: 49.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



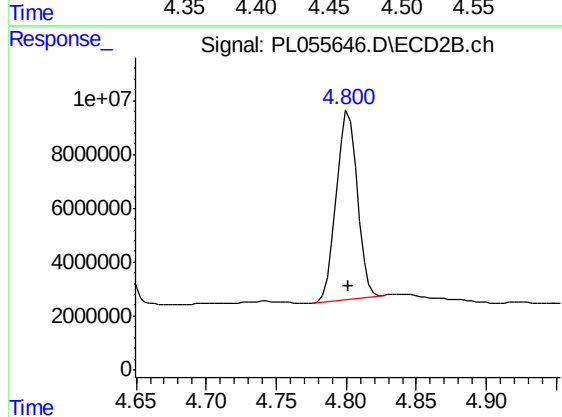
#5 Aldrin

R.T.: 5.434 min  
Delta R.T.: 0.000 min  
Response: 151346398  
Conc: 48.53 ng/ml



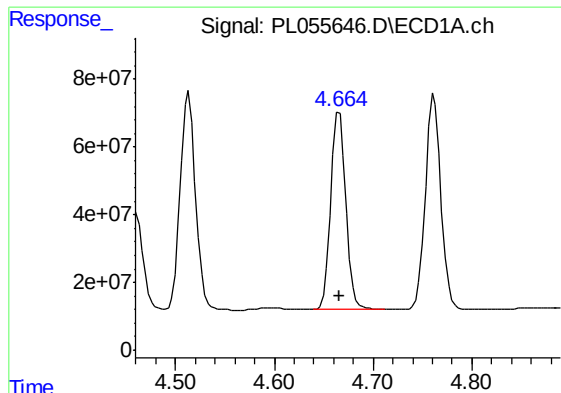
#6 beta-BHC

R.T.: 4.461 min  
Delta R.T.: 0.000 min  
Response: 297582061  
Conc: 48.69 ng/ml



#6 beta-BHC

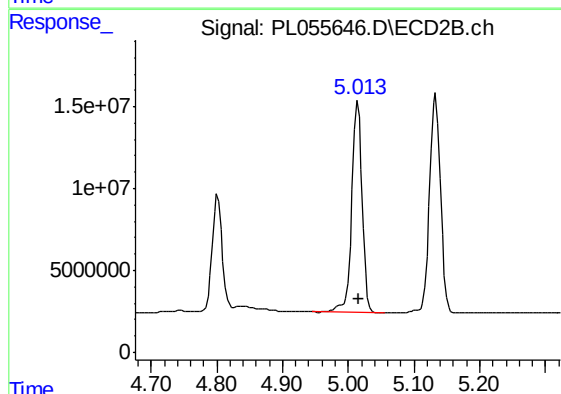
R.T.: 4.802 min  
Delta R.T.: 0.000 min  
Response: 72968517  
Conc: 47.79 ng/ml



#7 delta-BHC

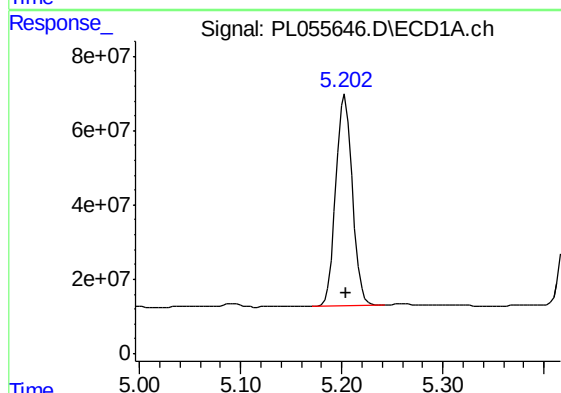
R.T.: 4.666 min  
Delta R.T.: 0.000 min  
Response: 616193756  
Conc: 43.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



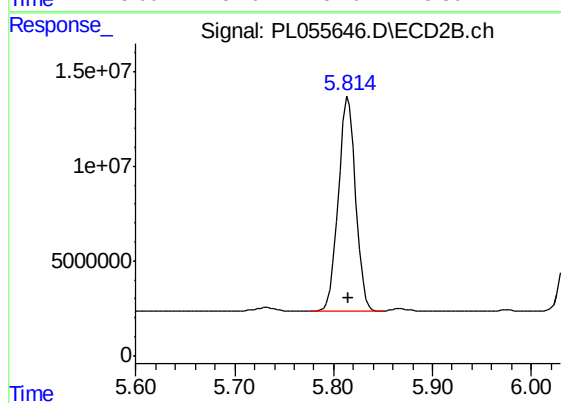
#7 delta-BHC

R.T.: 5.015 min  
Delta R.T.: 0.000 min  
Response: 140257897  
Conc: 45.70 ng/ml



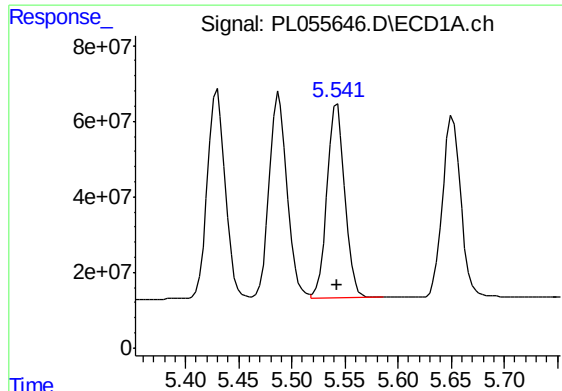
#8 Heptachlor epoxide

R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 640043741  
Conc: 48.22 ng/ml



#8 Heptachlor epoxide

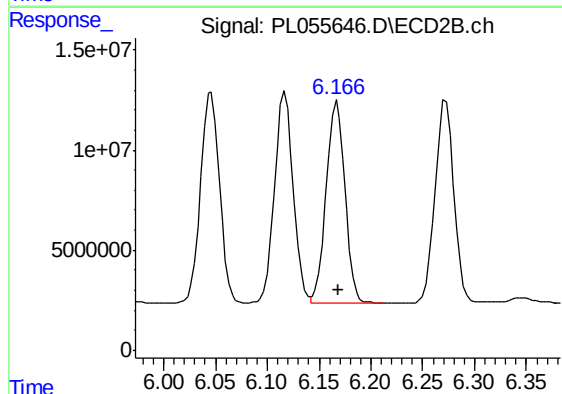
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 137205134  
Conc: 46.70 ng/ml



#9 Endosulfan I

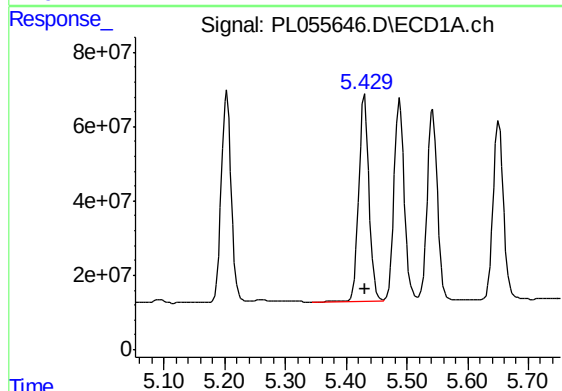
R.T.: 5.543 min  
Delta R.T.: 0.000 min  
Response: 600519845  
Conc: 48.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



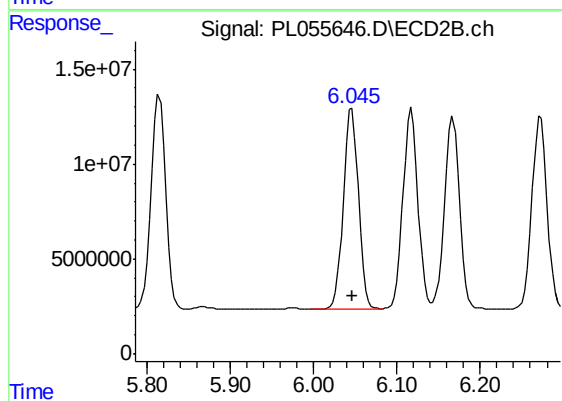
#9 Endosulfan I

R.T.: 6.167 min  
Delta R.T.: 0.000 min  
Response: 125795507  
Conc: 47.51 ng/ml



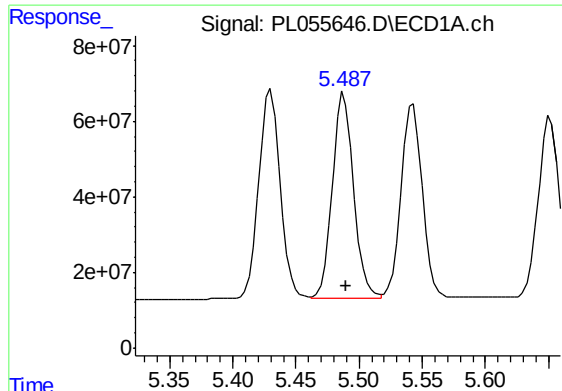
#10 gamma-Chlordane

R.T.: 5.430 min  
Delta R.T.: 0.000 min  
Response: 659905535  
Conc: 49.29 ng/ml



#10 gamma-Chlordane

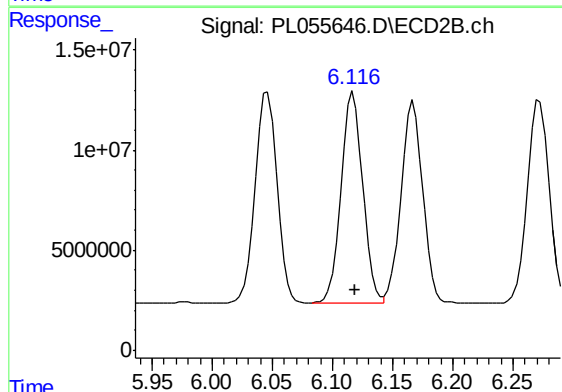
R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 133280901  
Conc: 47.34 ng/ml



#11 alpha-Chlordane

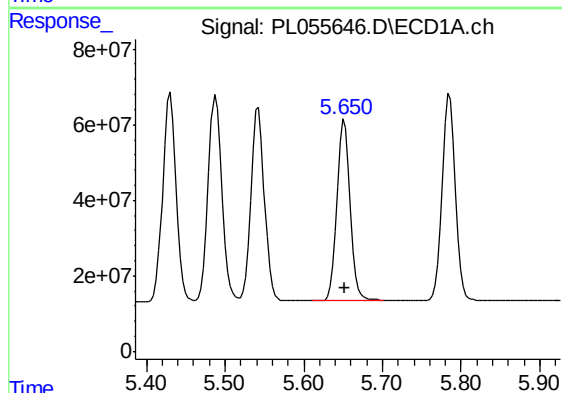
R.T.: 5.488 min  
Delta R.T.: -0.001 min  
Response: 638237780  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



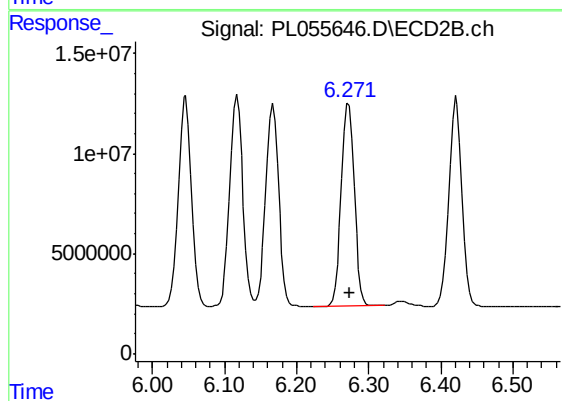
#11 alpha-Chlordane

R.T.: 6.117 min  
Delta R.T.: -0.001 min  
Response: 132037783  
Conc: 46.98 ng/ml



#12 4,4'-DDE

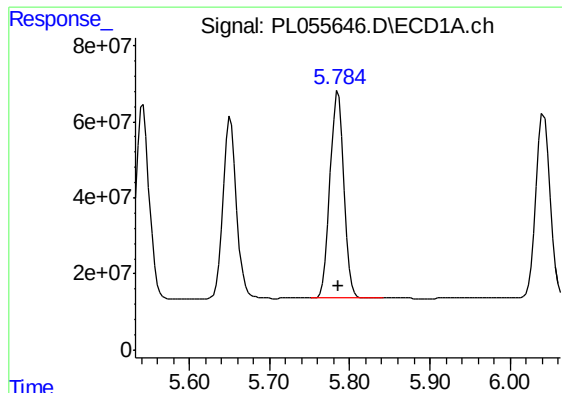
R.T.: 5.652 min  
Delta R.T.: 0.000 min  
Response: 568917959  
Conc: 45.75 ng/ml



#12 4,4'-DDE

R.T.: 6.272 min  
Delta R.T.: -0.001 min  
Response: 127741634  
Conc: 48.08 ng/ml

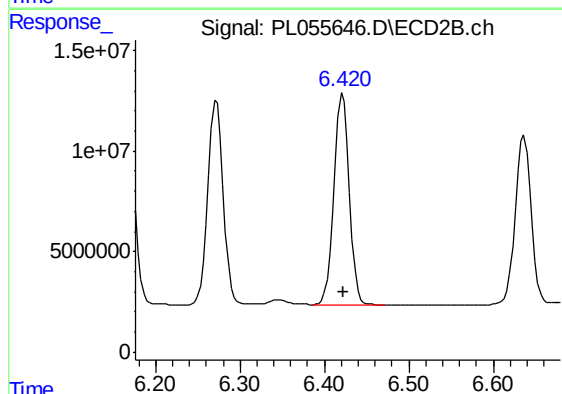




#13 Dielddrin

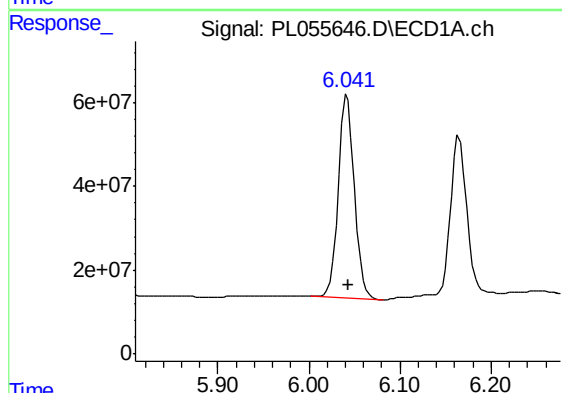
R.T.: 5.785 min  
Delta R.T.: 0.000 min  
Response: 644831374  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



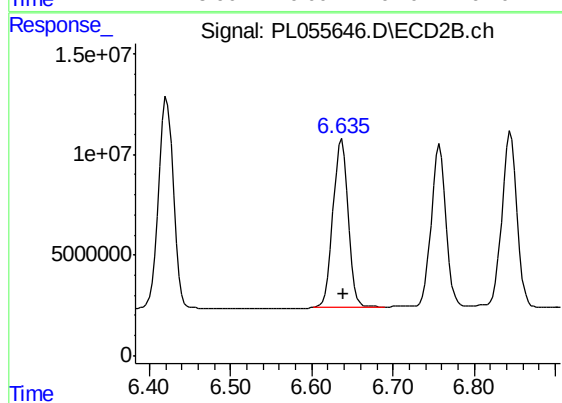
#13 Dielddrin

R.T.: 6.422 min  
Delta R.T.: 0.000 min  
Response: 131938456  
Conc: 48.25 ng/ml



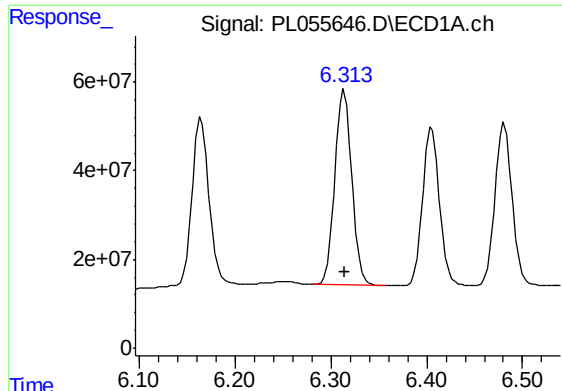
#14 Endrin

R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 595982650  
Conc: 51.61 ng/ml



#14 Endrin

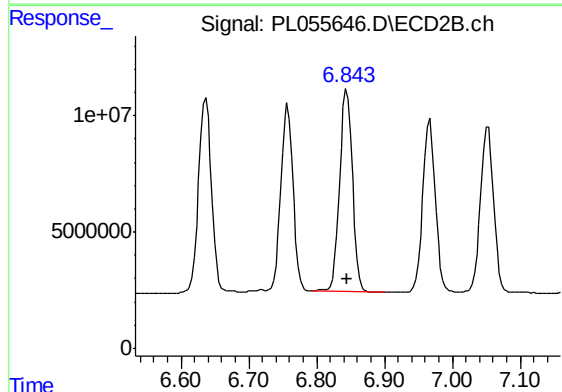
R.T.: 6.637 min  
Delta R.T.: -0.002 min  
Response: 108828539  
Conc: 48.26 ng/ml



#15 Endosulfan II

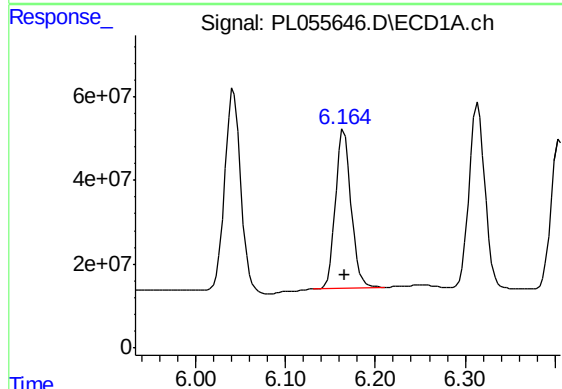
R.T.: 6.314 min  
Delta R.T.: 0.000 min  
Response: 542322900  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



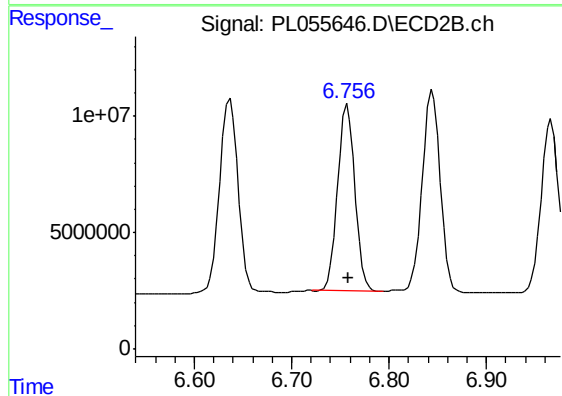
#15 Endosulfan II

R.T.: 6.845 min  
Delta R.T.: 0.000 min  
Response: 113193459  
Conc: 47.12 ng/ml



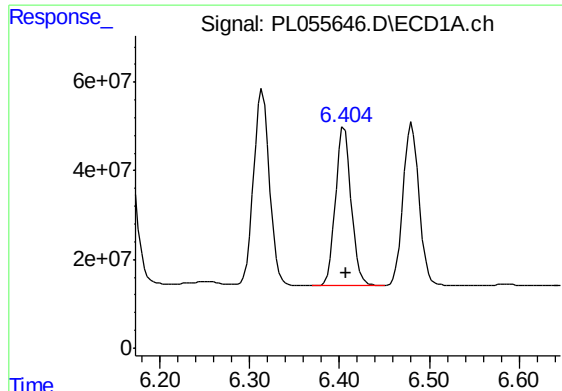
#16 4,4'-DDD

R.T.: 6.165 min  
Delta R.T.: -0.001 min  
Response: 461177763  
Conc: 48.66 ng/ml



#16 4,4'-DDD

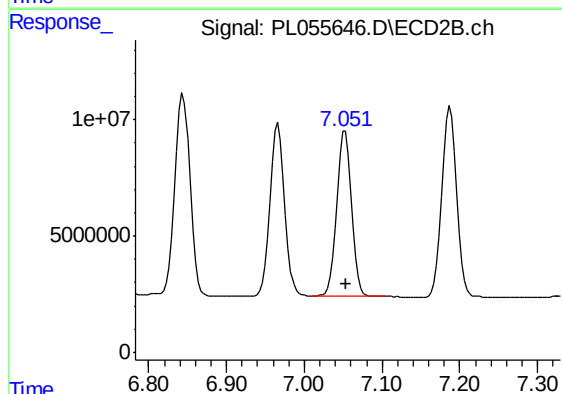
R.T.: 6.757 min  
Delta R.T.: -0.002 min  
Response: 100673739  
Conc: 48.58 ng/ml



#17 4,4'-DDT

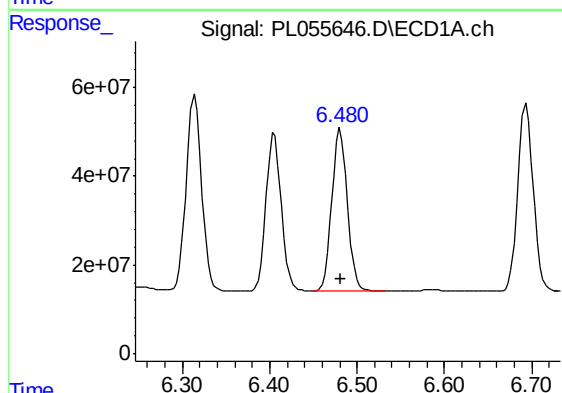
R.T.: 6.405 min  
Delta R.T.: -0.001 min  
Response: 435741805  
Conc: 50.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



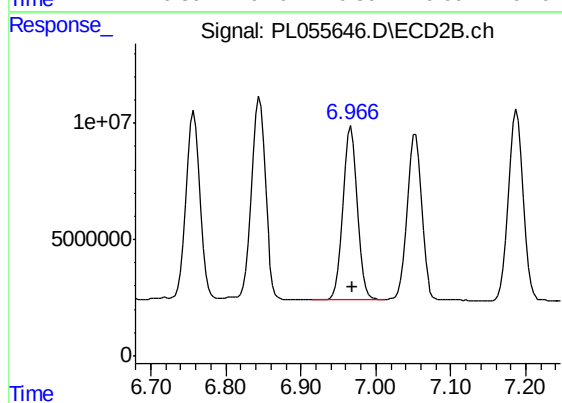
#17 4,4'-DDT

R.T.: 7.053 min  
Delta R.T.: -0.002 min  
Response: 95280878  
Conc: 48.32 ng/ml



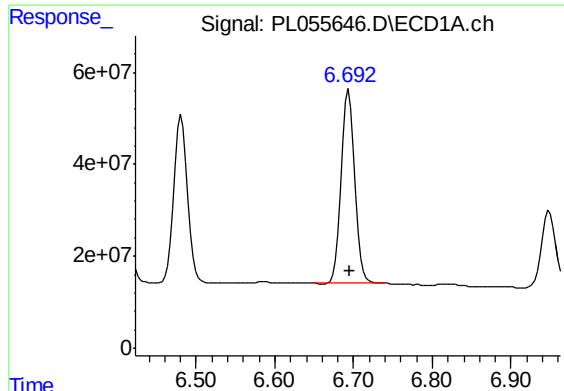
#18 Endrin aldehyde

R.T.: 6.481 min  
Delta R.T.: 0.000 min  
Response: 455390946  
Conc: 48.25 ng/ml



#18 Endrin aldehyde

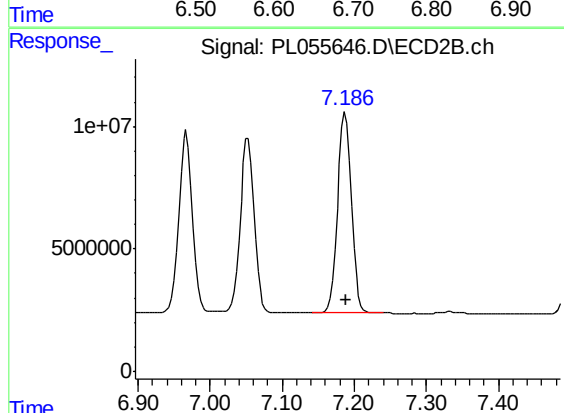
R.T.: 6.967 min  
Delta R.T.: -0.001 min  
Response: 96615460  
Conc: 47.58 ng/ml



#19 Endosulfan Sulfate

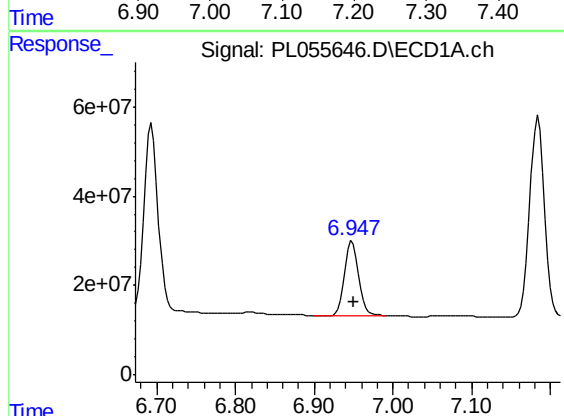
R.T.: 6.694 min  
Delta R.T.: -0.002 min  
Response: 517416006  
Conc: 52.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



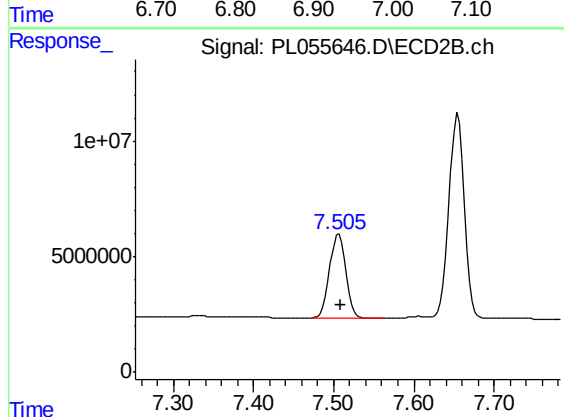
#19 Endosulfan Sulfate

R.T.: 7.188 min  
Delta R.T.: -0.001 min  
Response: 109393263  
Conc: 49.17 ng/ml



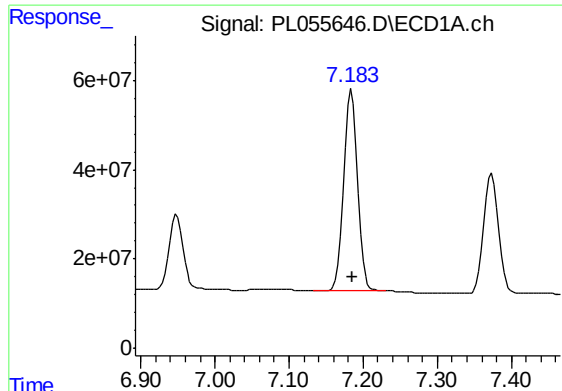
#20 Methoxychlor

R.T.: 6.948 min  
Delta R.T.: -0.001 min  
Response: 211139255  
Conc: 49.18 ng/ml



#20 Methoxychlor

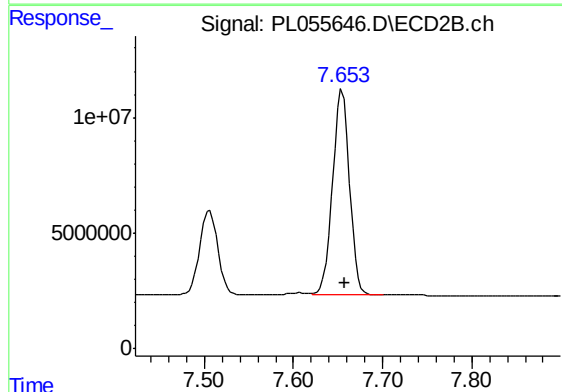
R.T.: 7.506 min  
Delta R.T.: -0.002 min  
Response: 50936144  
Conc: 48.66 ng/ml



#21 Endrin ketone

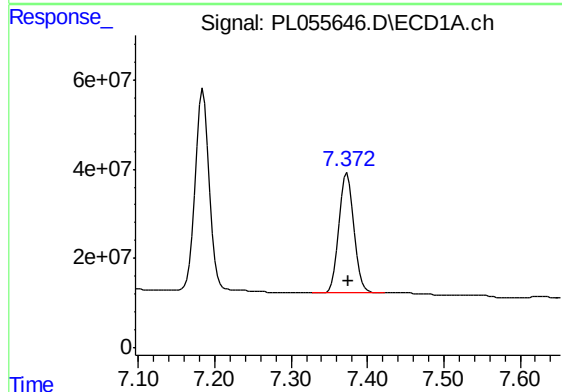
R.T.: 7.184 min  
Delta R.T.: -0.001 min  
Response: 565703167  
Conc: 49.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



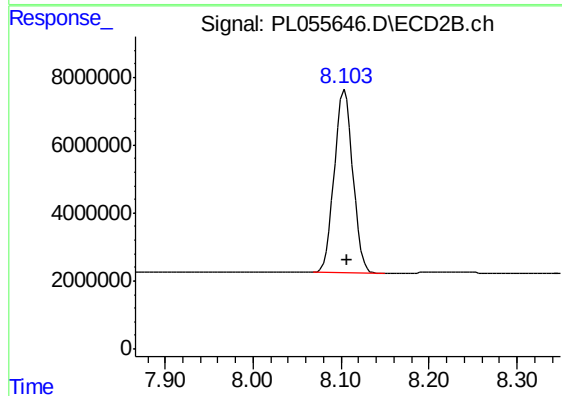
#21 Endrin ketone

R.T.: 7.655 min  
Delta R.T.: -0.002 min  
Response: 117114514  
Conc: 49.19 ng/ml



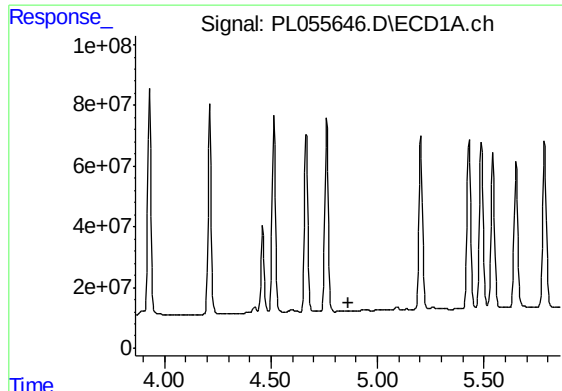
#22 Mirex

R.T.: 7.374 min  
Delta R.T.: -0.001 min  
Response: 363021646  
Conc: 53.02 ng/ml



#22 Mirex

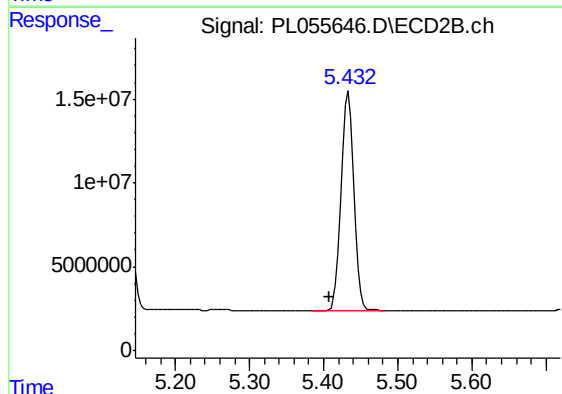
R.T.: 8.104 min  
Delta R.T.: -0.002 min  
Response: 79141980  
Conc: 48.27 ng/ml



#24 Chlordane-2

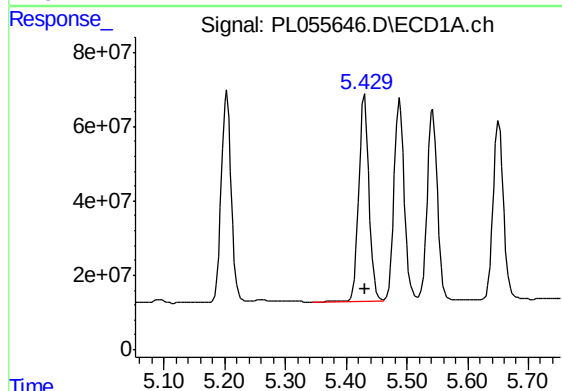
R.T.: 0.000 min  
Exp R.T.: 4.862 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



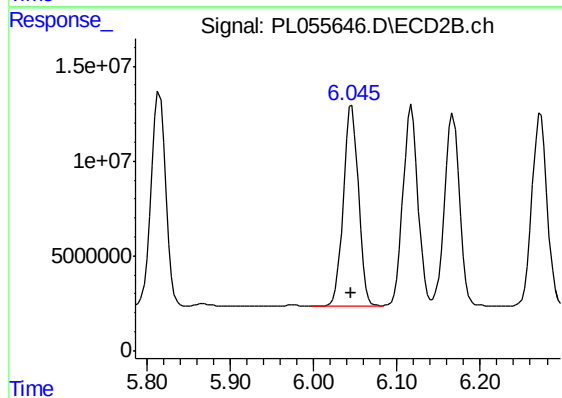
#24 Chlordane-2

R.T.: 5.434 min  
Delta R.T.: 0.026 min  
Response: 151346398  
Conc: 1578.50 ng/ml



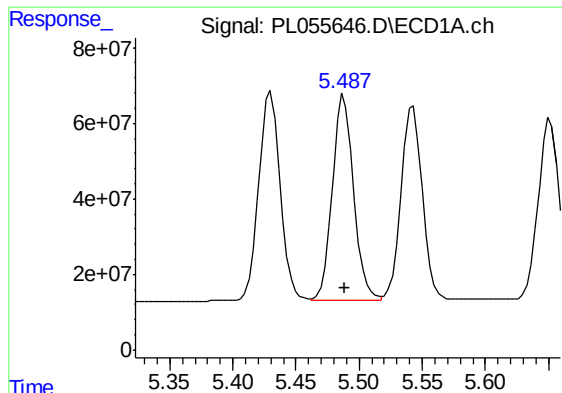
#25 Chlordane-3

R.T.: 5.430 min  
Delta R.T.: 0.000 min  
Response: 659905535  
Conc: 560.63 ng/ml



#25 Chlordane-3

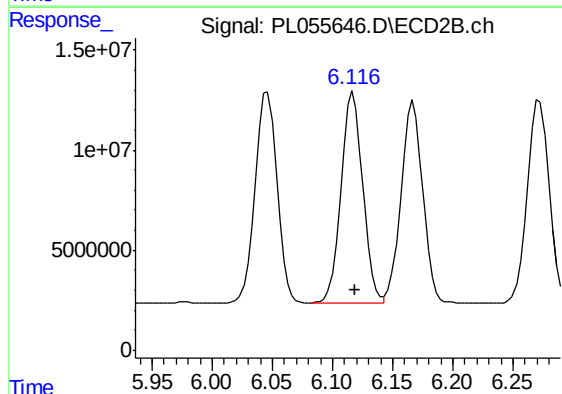
R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 133280901  
Conc: 390.26 ng/ml



#26 Chlordane-4

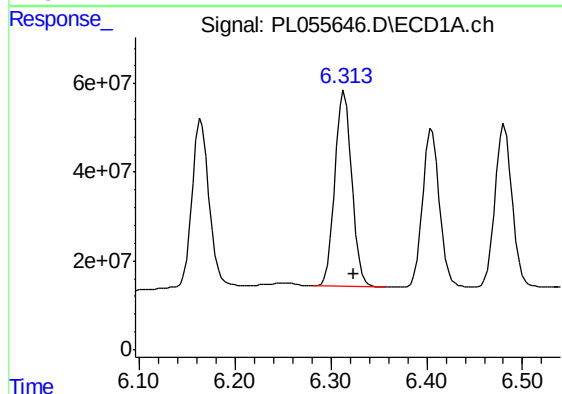
R.T.: 5.488 min  
Delta R.T.: 0.000 min  
Response: 638237780  
Conc: 653.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



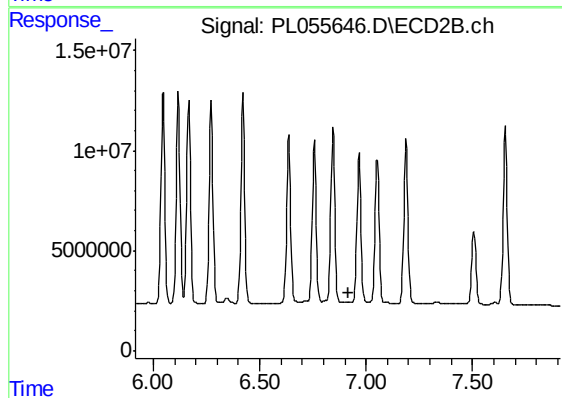
#26 Chlordane-4

R.T.: 6.117 min  
Delta R.T.: -0.002 min  
Response: 132037783  
Conc: 329.17 ng/ml



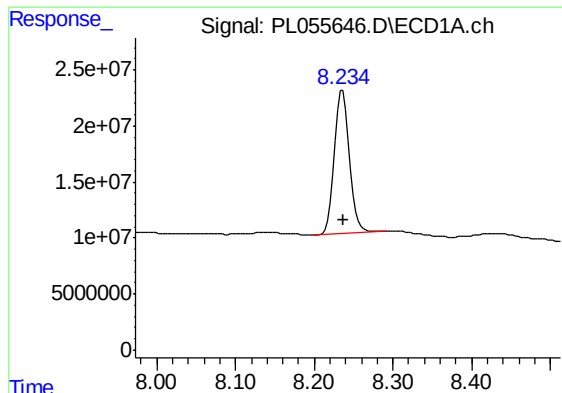
#27 Chlordane-5

R.T.: 6.314 min  
Delta R.T.: -0.009 min  
Response: 542322900  
Conc: 1506.55 ng/ml



#27 Chlordane-5

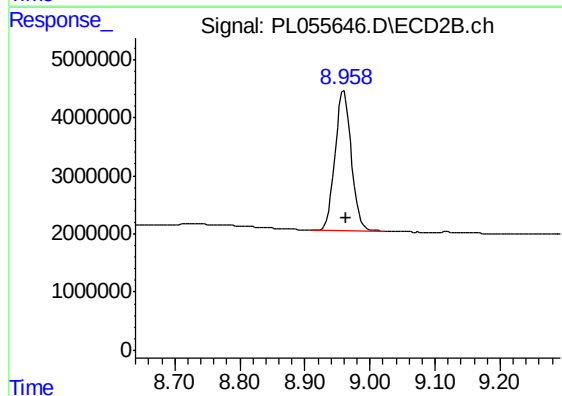
R.T.: 0.000 min  
Exp R.T. : 6.915 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.236 min  
Delta R.T.: -0.002 min  
Response: 174485389  
Conc: 19.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125974BSD



#28 Decachlorobiphenyl

R.T.: 8.960 min  
Delta R.T.: -0.003 min  
Response: 41659391  
Conc: 20.04 ng/ml