

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042320\  
 Data File : PL058334.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2020 15:49  
 Operator : AJ\MA  
 Sample : L2381-01MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 24 00:52:11 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 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... | 3.455  | 3.954  | 178.7E6 | 39980948 | 17.728   | 18.423     |
| 28)                         | SA Decachlor... | 8.202  | 8.974  | 178.0E6 | 36465587 | 17.269   | 16.325     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.892  | 4.341  | 797.6E6 | 165.1E6  | 45.911   | 50.291     |
| 3)                          | MA gamma-BHC... | 4.176  | 4.624  | 719.6E6 | 159.9E6  | 49.504   | 49.217     |
| 4)                          | MA Heptachlor   | 4.476  | 5.125  | 736.4E6 | 168.2E6  | 45.936   | 50.131     |
| 5)                          | MB Aldrin       | 4.723  | 5.426  | 714.8E6 | 166.2E6  | 48.544   | 51.333     |
| 6)                          | B beta-BHC      | 4.428  | 4.797  | 312.5E6 | 75465529 | 49.483   | 54.347     |
| 7)                          | B delta-BHC     | 4.631  | 5.011  | 701.5E6 | 147.4E6  | 46.224   | 58.604 #   |
| 8)                          | B Heptachlo...  | 5.165  | 5.811  | 656.9E6 | 161.6E6  | 48.875   | 59.836     |
| 9)                          | A Endosulfan I  | 5.504  | 6.165  | 620.5E6 | 151.8E6  | 50.627   | 50.926     |
| 10)                         | B gamma-Chl...  | 5.392  | 6.045  | 679.1E6 | 166.6E6  | 50.001   | 51.425     |
| 11)                         | B alpha-Chl...  | 5.450  | 6.116  | 649.2E6 | 164.2E6  | 48.755   | 50.190     |
| 12)                         | B 4,4'-DDE      | 5.614  | 6.275  | 722.3E6 | 167.2E6  | 55.140   | 56.488     |
| 13)                         | MA Dieldrin     | 5.747  | 6.421  | 666.3E6 | 156.5E6  | 51.217   | 51.208     |
| 14)                         | MA Endrin       | 6.004  | 6.637  | 592.1E6 | 123.1E6  | 50.723   | 49.282     |
| 15)                         | B Endosulfa...  | 6.277  | 6.848  | 538.8E6 | 121.5E6  | 48.708   | 46.831     |
| 16)                         | A 4,4'-DDD      | 6.130  | 6.764  | 548.3E6 | 124.2E6  | 54.857   | 54.434     |
| 17)                         | MA 4,4'-DDT     | 6.369  | 7.061  | 559.8E6 | 114.7E6  | 55.160   | 51.473     |
| 18)                         | B Endrin al...  | 6.445  | 6.972  | 469.8E6 | 110.7E6  | 50.246   | 49.823     |
| 19)                         | B Endosulfa...  | 6.658  | 7.194  | 552.3E6 | 116.7E6  | 54.360   | 49.159     |
| 20)                         | A Methoxychlor  | 6.915  | 7.520  | 266.9E6 | 57531230 | 48.410   | 45.228     |
| 21)                         | B Endrin ke...  | 7.148  | 7.662  | 603.5E6 | 127.8E6  | 54.209   | 51.682     |
| 22)                         | Mirex           | 7.335  | 8.111  | 420.5E6 | 93624899 | 51.303   | 50.921     |
| 23)                         | Chlordane-1     | 4.346f | 0.000  | 2227685 | 0        | 6.023    | N.D. #     |
| 24)                         | Chlordane-2     | 4.829  | 5.426f | 987214  | 166.2E6  | 2.445    | 1592.825 # |
| 25)                         | Chlordane-3     | 5.392  | 6.045  | 679.1E6 | 166.6E6  | 555.436  | 385.074 #  |
| 26)                         | Chlordane-4     | 5.450  | 6.116  | 649.2E6 | 164.2E6  | 624.109  | 312.871 #  |
| 27)                         | Chlordane-5     | 6.277  | 0.000  | 538.8E6 | 0        | 1424.387 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

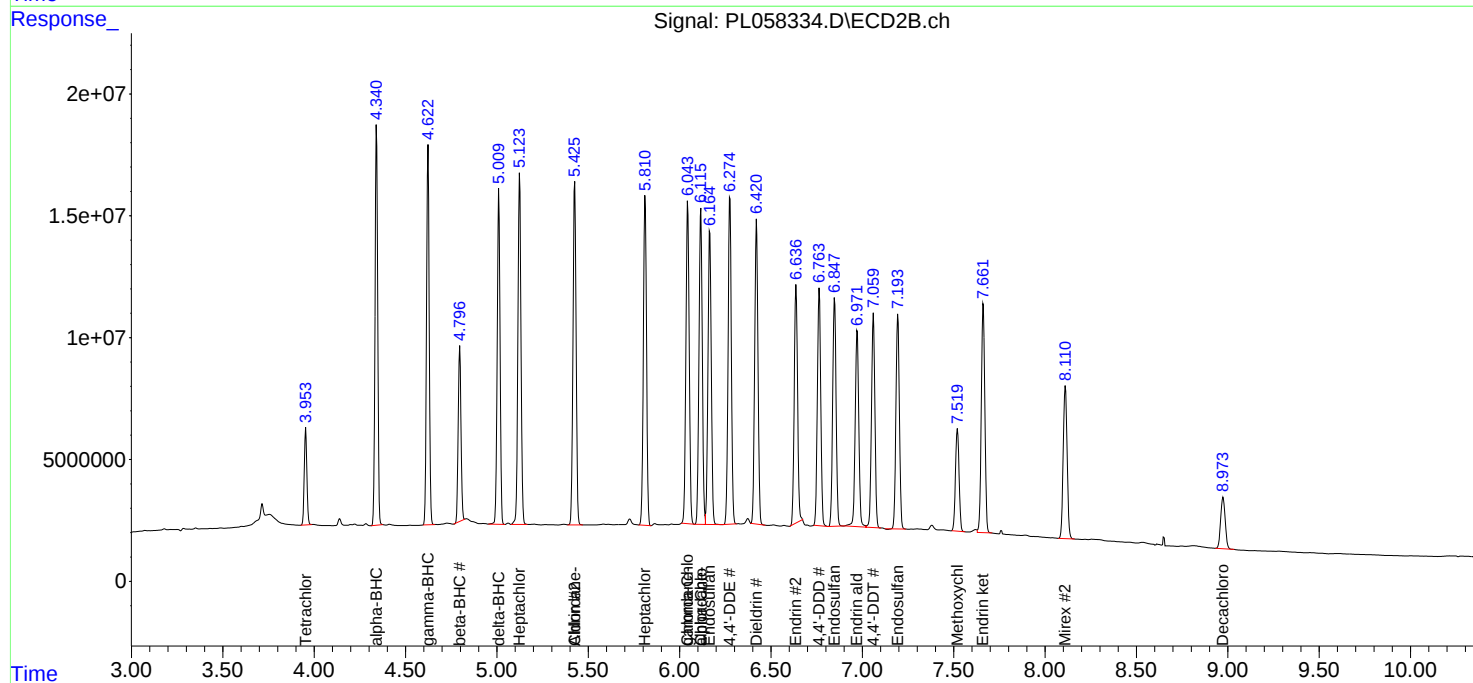
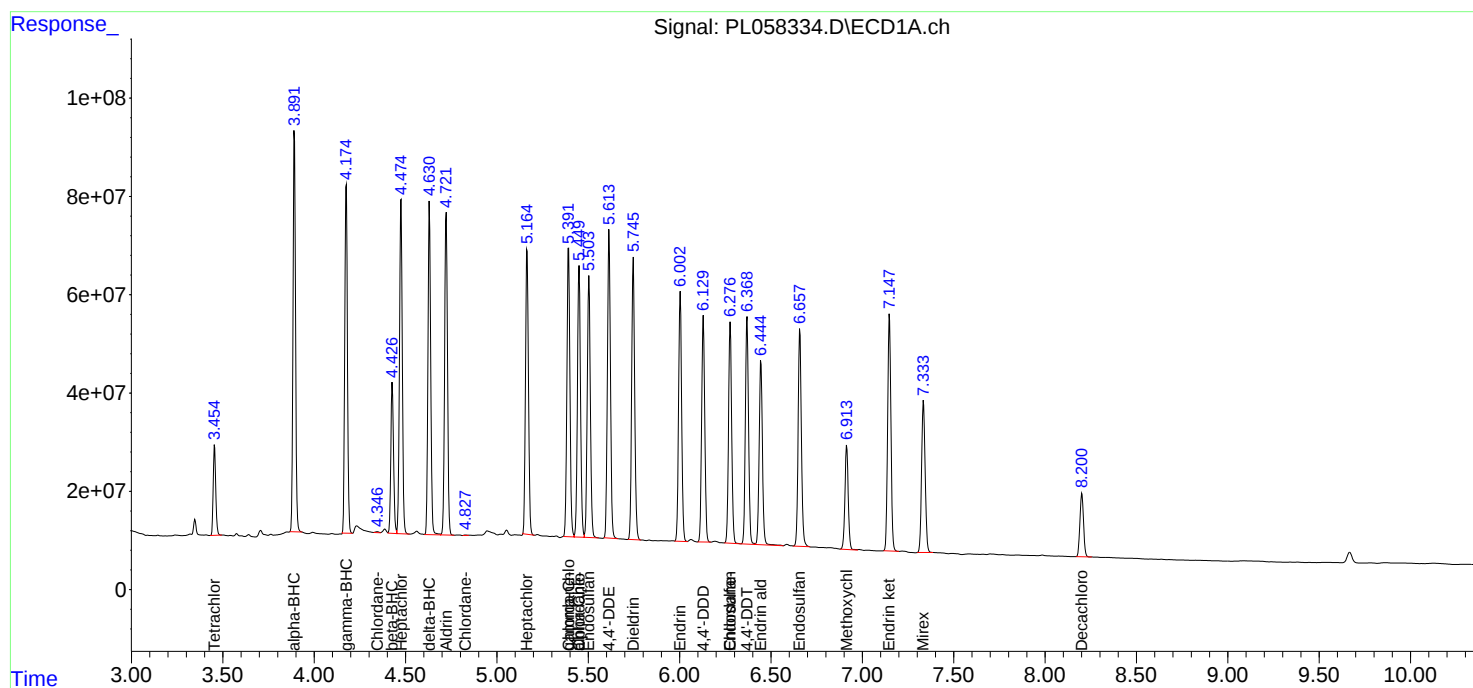
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

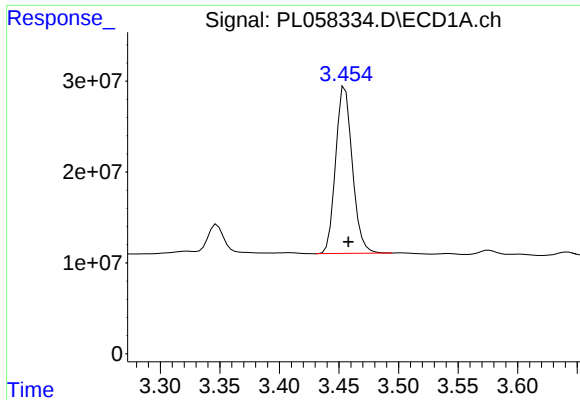
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042320\  
Data File : PL058334.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2020 15:49  
Operator : AJ\MA  
Sample : L2381-01MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 00:52:11 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 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

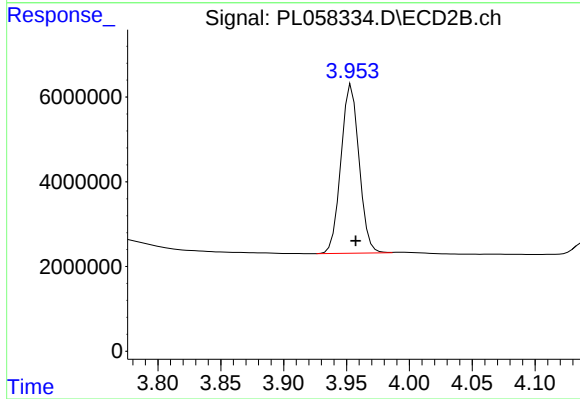




#1 Tetrachloro-m-xylene

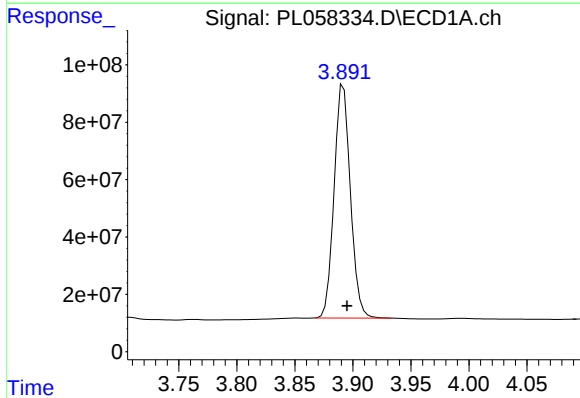
R.T.: 3.455 min  
Delta R.T.: -0.003 min  
Response: 178717733  
Conc: 17.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



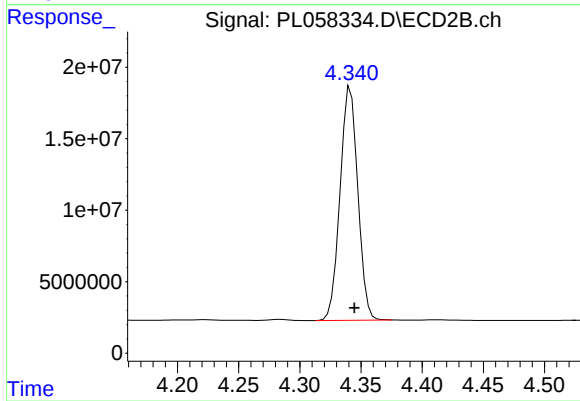
#1 Tetrachloro-m-xylene

R.T.: 3.954 min  
Delta R.T.: -0.003 min  
Response: 39980948  
Conc: 18.42 ng/ml



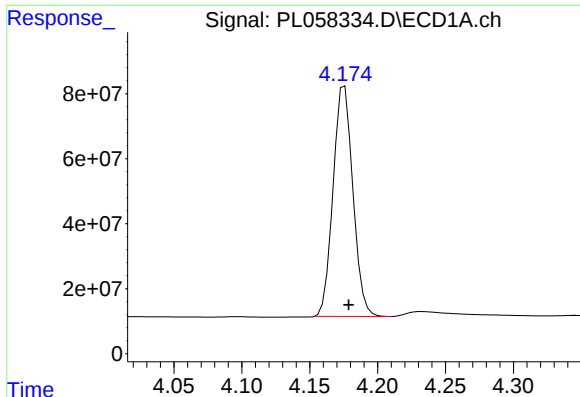
#2 alpha-BHC

R.T.: 3.892 min  
Delta R.T.: -0.003 min  
Response: 797556627  
Conc: 45.91 ng/ml



#2 alpha-BHC

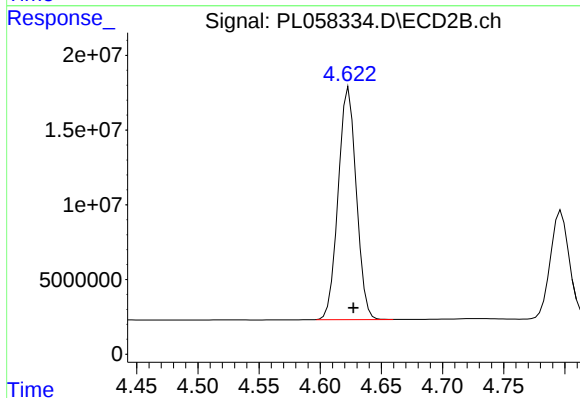
R.T.: 4.341 min  
Delta R.T.: -0.003 min  
Response: 165136882  
Conc: 50.29 ng/ml



#3 gamma-BHC (Lindane)

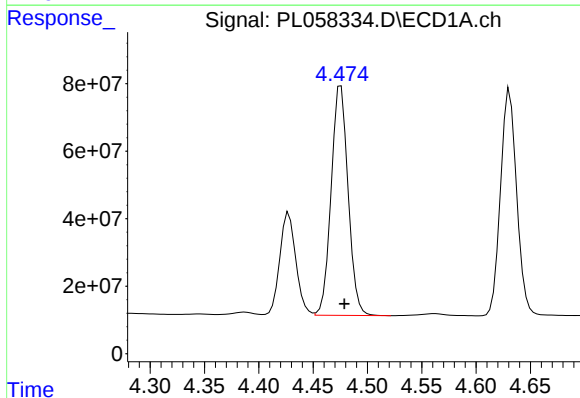
R.T.: 4.176 min  
Delta R.T.: -0.003 min  
Response: 719557215  
Conc: 49.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



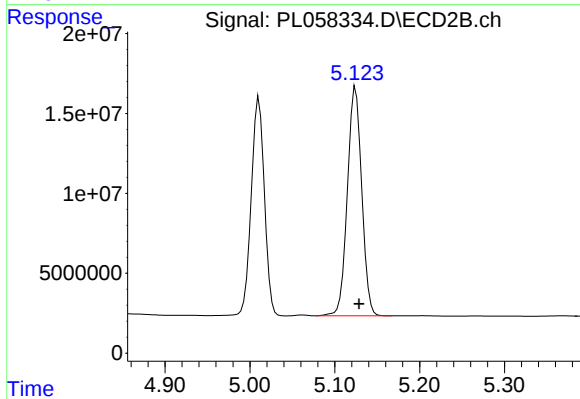
#3 gamma-BHC (Lindane)

R.T.: 4.624 min  
Delta R.T.: -0.003 min  
Response: 159886433  
Conc: 49.22 ng/ml



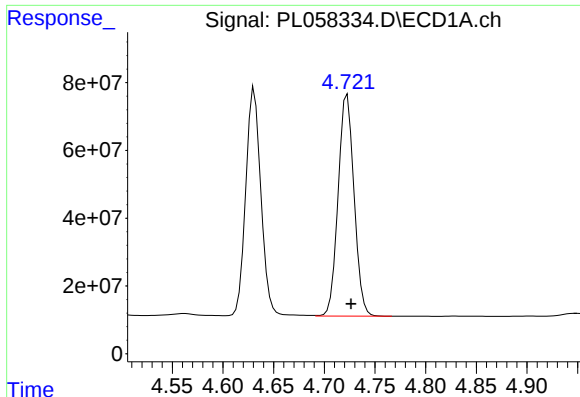
#4 Heptachlor

R.T.: 4.476 min  
Delta R.T.: -0.003 min  
Response: 736364373  
Conc: 45.94 ng/ml



#4 Heptachlor

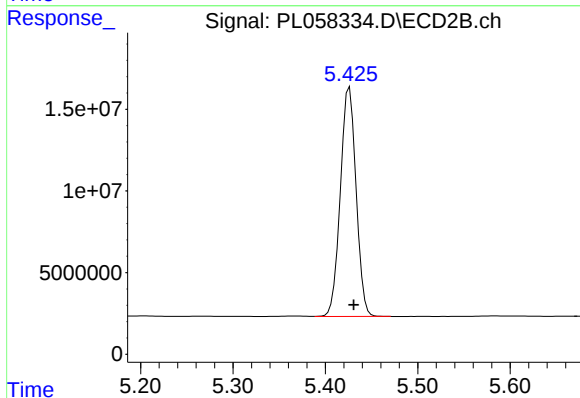
R.T.: 5.125 min  
Delta R.T.: -0.004 min  
Response: 168247000  
Conc: 50.13 ng/ml



#5 Aldrin

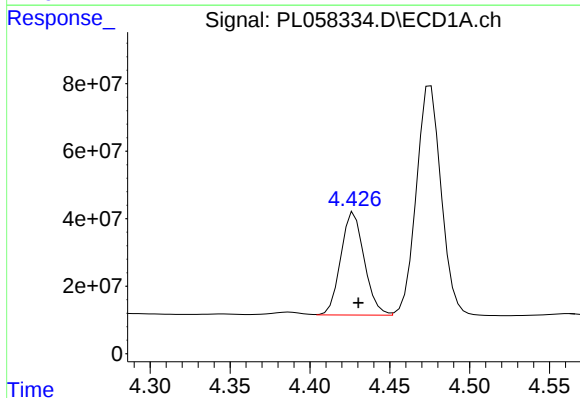
R.T.: 4.723 min  
Delta R.T.: -0.004 min  
Response: 714815634  
Conc: 48.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



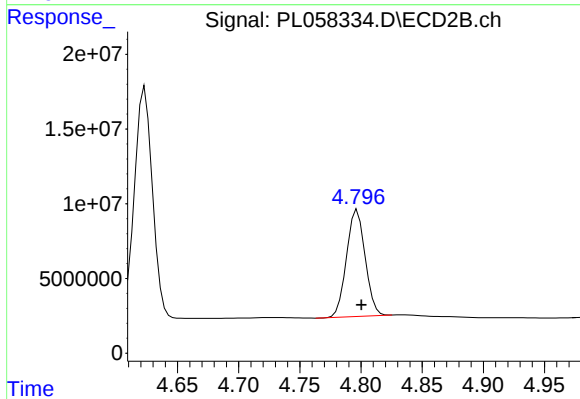
#5 Aldrin

R.T.: 5.426 min  
Delta R.T.: -0.005 min  
Response: 166225026  
Conc: 51.33 ng/ml



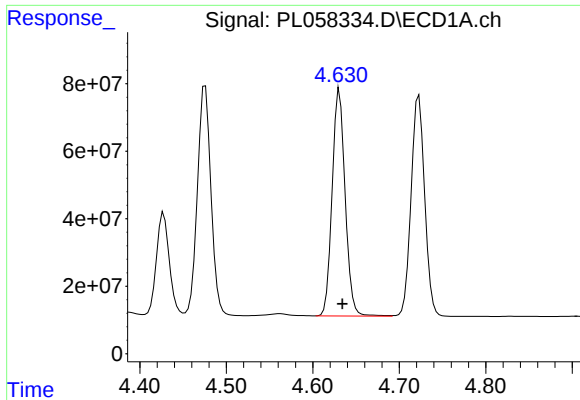
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: -0.003 min  
Response: 312495814  
Conc: 49.48 ng/ml



#6 beta-BHC

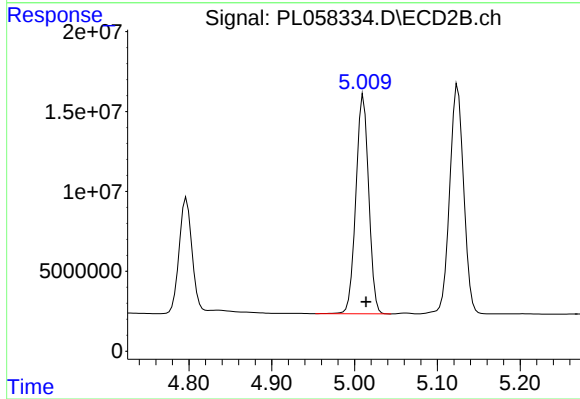
R.T.: 4.797 min  
Delta R.T.: -0.003 min  
Response: 75465529  
Conc: 54.35 ng/ml



#7 delta-BHC

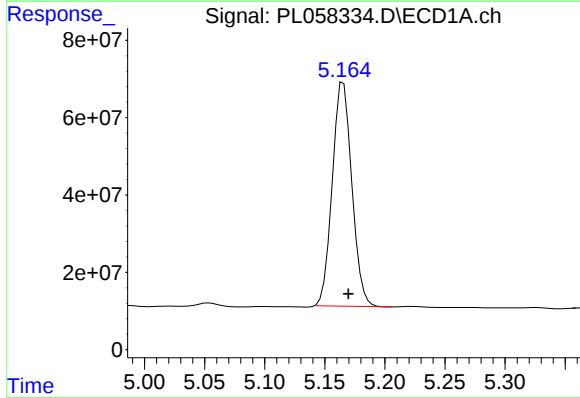
R.T.: 4.631 min  
Delta R.T.: -0.003 min  
Response: 701510917  
Conc: 46.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



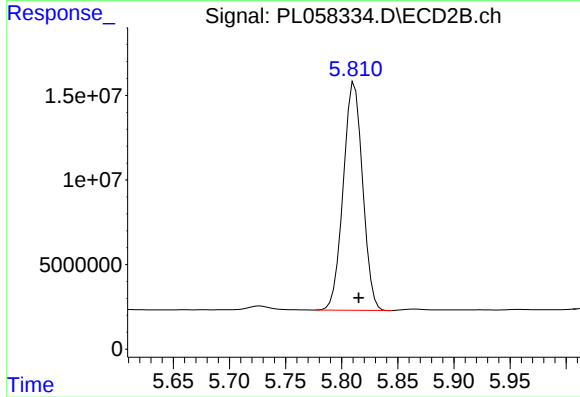
#7 delta-BHC

R.T.: 5.011 min  
Delta R.T.: -0.003 min  
Response: 147429616  
Conc: 58.60 ng/ml



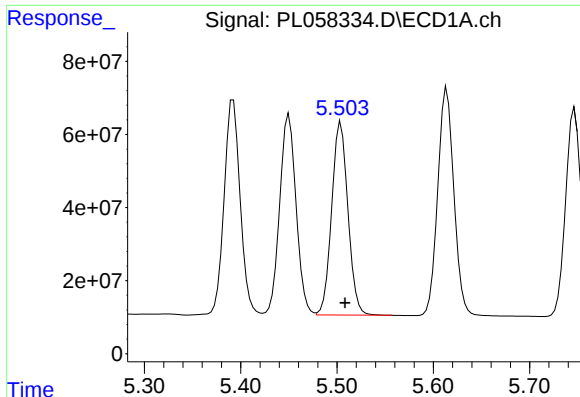
#8 Heptachlor epoxide

R.T.: 5.165 min  
Delta R.T.: -0.004 min  
Response: 656880261  
Conc: 48.88 ng/ml



#8 Heptachlor epoxide

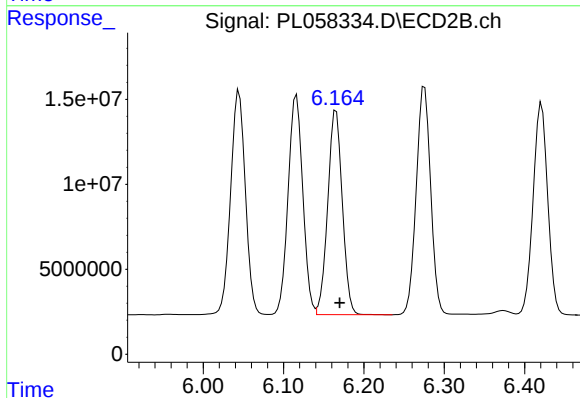
R.T.: 5.811 min  
Delta R.T.: -0.004 min  
Response: 161575750  
Conc: 59.84 ng/ml



#9 Endosulfan I

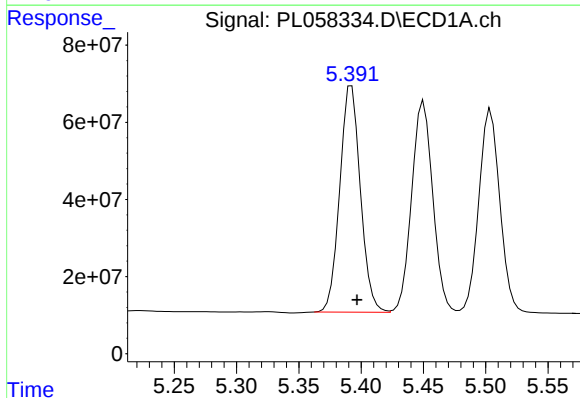
R.T.: 5.504 min  
Delta R.T.: -0.004 min  
Response: 620522577  
Conc: 50.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



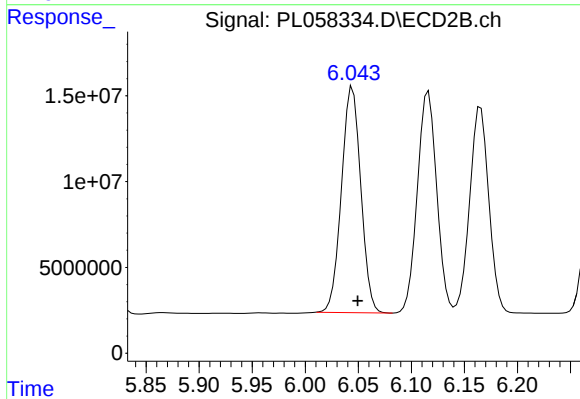
#9 Endosulfan I

R.T.: 6.165 min  
Delta R.T.: -0.005 min  
Response: 151849347  
Conc: 50.93 ng/ml



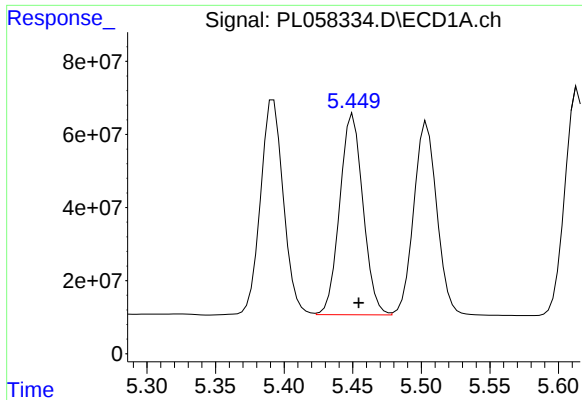
#10 gamma-Chlordane

R.T.: 5.392 min  
Delta R.T.: -0.005 min  
Response: 679083363  
Conc: 50.00 ng/ml



#10 gamma-Chlordane

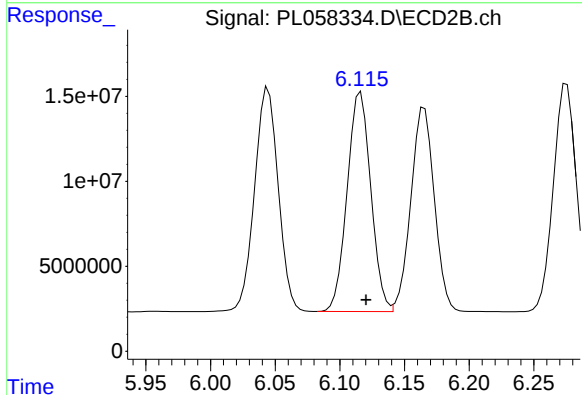
R.T.: 6.045 min  
Delta R.T.: -0.005 min  
Response: 166611219  
Conc: 51.43 ng/ml



#11 alpha-Chlordane

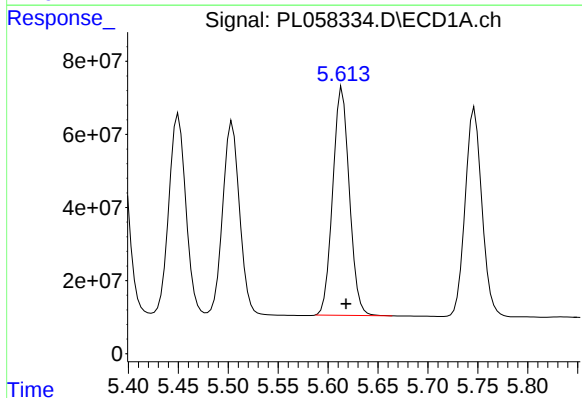
R.T.: 5.450 min  
Delta R.T.: -0.004 min  
Response: 649204681  
Conc: 48.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



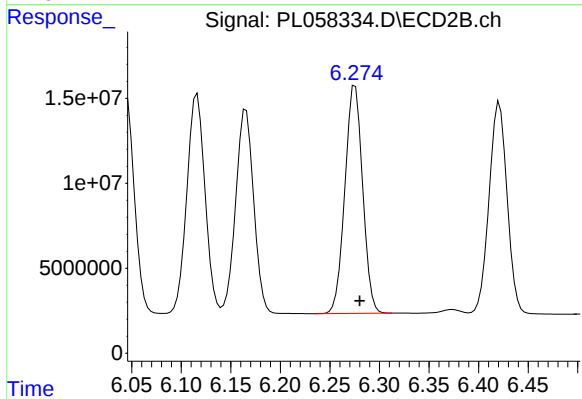
#11 alpha-Chlordane

R.T.: 6.116 min  
Delta R.T.: -0.004 min  
Response: 164237464  
Conc: 50.19 ng/ml



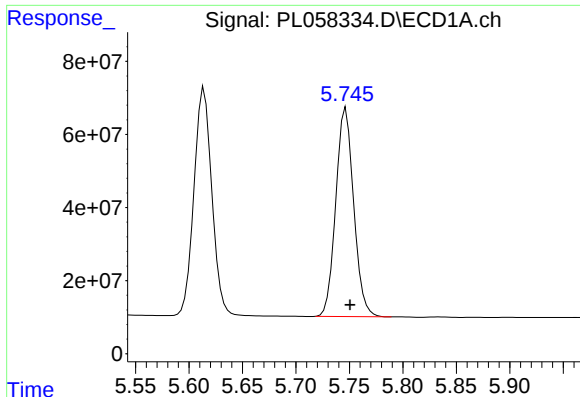
#12 4,4'-DDE

R.T.: 5.614 min  
Delta R.T.: -0.004 min  
Response: 722340075  
Conc: 55.14 ng/ml



#12 4,4'-DDE

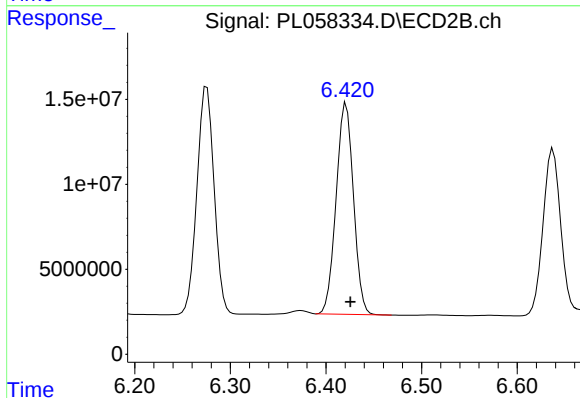
R.T.: 6.275 min  
Delta R.T.: -0.005 min  
Response: 167241539  
Conc: 56.49 ng/ml



#13 Dieldrin

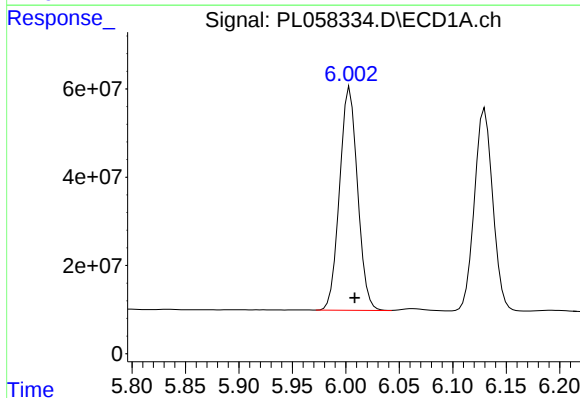
R.T.: 5.747 min  
Delta R.T.: -0.004 min  
Response: 666277862  
Conc: 51.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



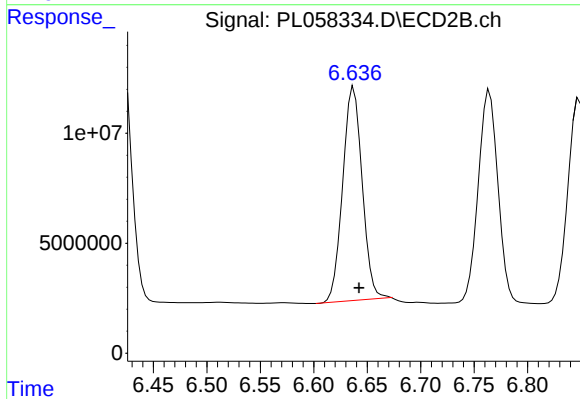
#13 Dieldrin

R.T.: 6.421 min  
Delta R.T.: -0.004 min  
Response: 156471919  
Conc: 51.21 ng/ml



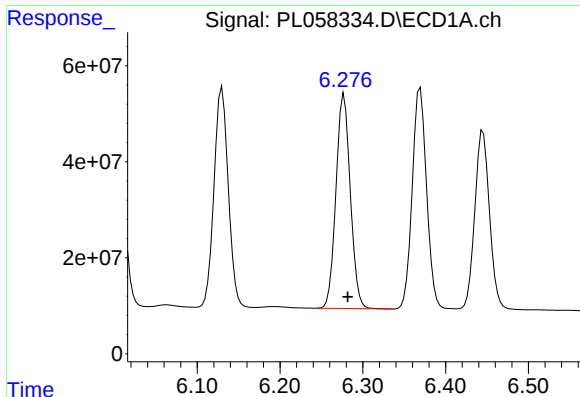
#14 Endrin

R.T.: 6.004 min  
Delta R.T.: -0.005 min  
Response: 592082559  
Conc: 50.72 ng/ml



#14 Endrin

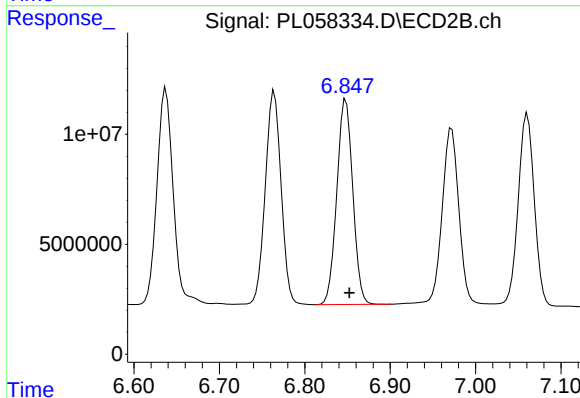
R.T.: 6.637 min  
Delta R.T.: -0.005 min  
Response: 123133617  
Conc: 49.28 ng/ml



#15 Endosulfan II

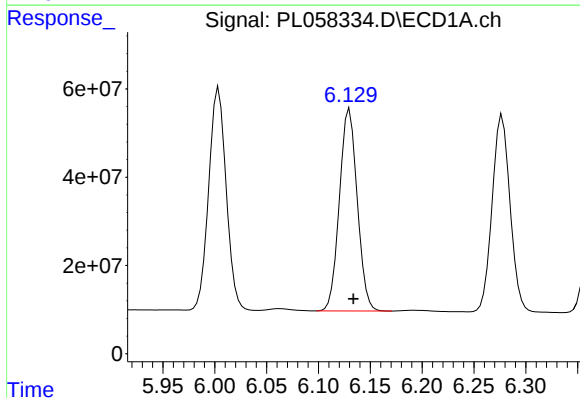
R.T.: 6.277 min  
Delta R.T.: -0.004 min  
Response: 538810350  
Conc: 48.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



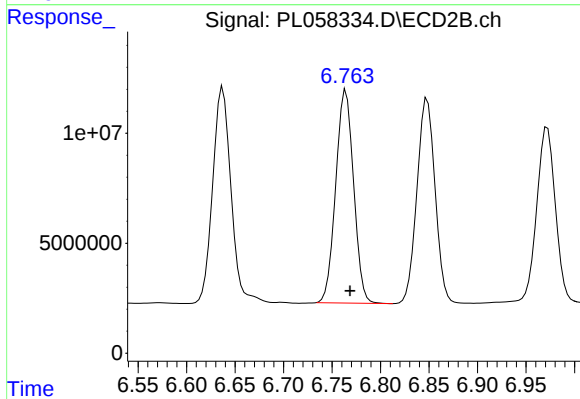
#15 Endosulfan II

R.T.: 6.848 min  
Delta R.T.: -0.004 min  
Response: 121461301  
Conc: 46.83 ng/ml



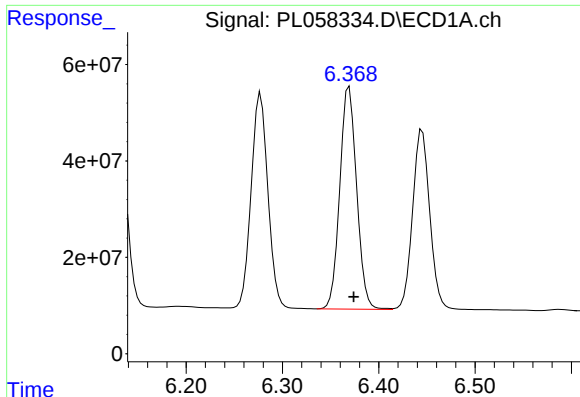
#16 4,4'-DDD

R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 548264703  
Conc: 54.86 ng/ml



#16 4,4'-DDD

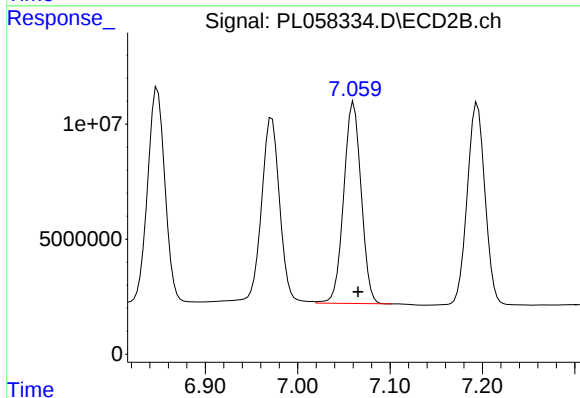
R.T.: 6.764 min  
Delta R.T.: -0.004 min  
Response: 124228158  
Conc: 54.43 ng/ml



#17 4,4'-DDT

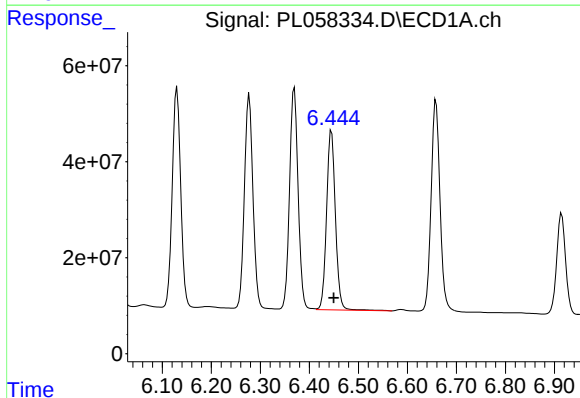
R.T.: 6.369 min  
Delta R.T.: -0.005 min  
Response: 559844705  
Conc: 55.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



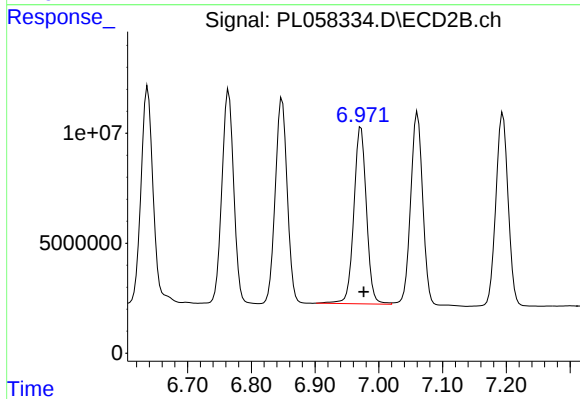
#17 4,4'-DDT

R.T.: 7.061 min  
Delta R.T.: -0.005 min  
Response: 114650136  
Conc: 51.47 ng/ml



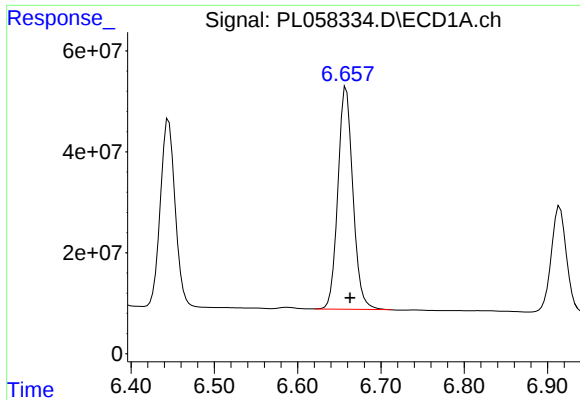
#18 Endrin aldehyde

R.T.: 6.445 min  
Delta R.T.: -0.005 min  
Response: 469783891  
Conc: 50.25 ng/ml



#18 Endrin aldehyde

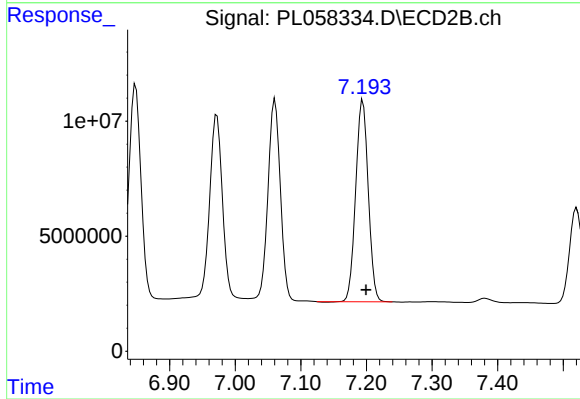
R.T.: 6.972 min  
Delta R.T.: -0.004 min  
Response: 110689615  
Conc: 49.82 ng/ml



#19 Endosulfan Sulfate

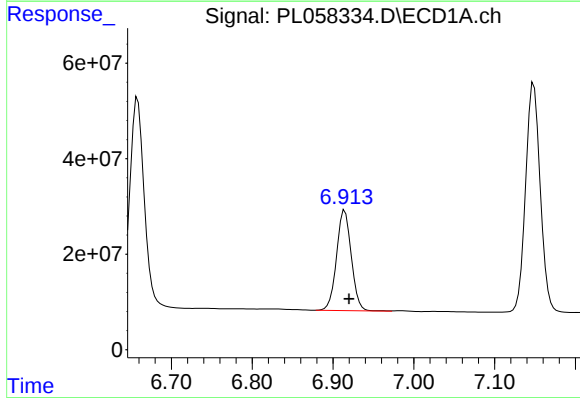
R.T.: 6.658 min  
Delta R.T.: -0.005 min  
Response: 552280659  
Conc: 54.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



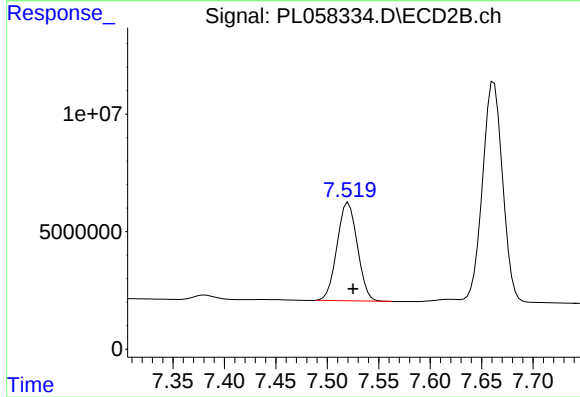
#19 Endosulfan Sulfate

R.T.: 7.194 min  
Delta R.T.: -0.005 min  
Response: 116655373  
Conc: 49.16 ng/ml



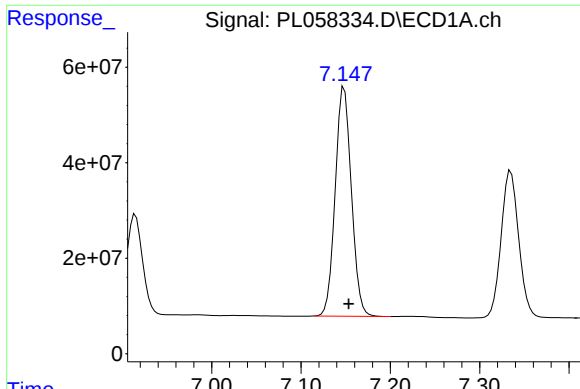
#20 Methoxychlor

R.T.: 6.915 min  
Delta R.T.: -0.005 min  
Response: 266866706  
Conc: 48.41 ng/ml



#20 Methoxychlor

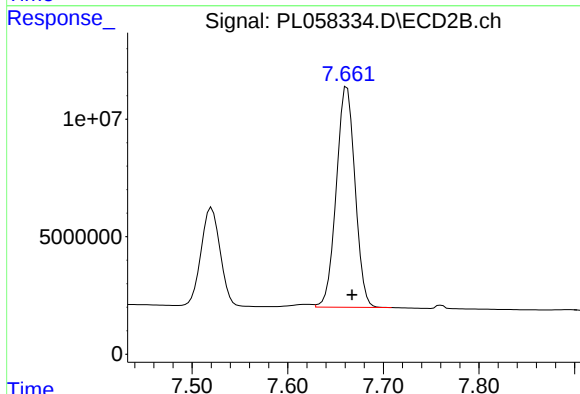
R.T.: 7.520 min  
Delta R.T.: -0.005 min  
Response: 57531230  
Conc: 45.23 ng/ml



#21 Endrin ketone

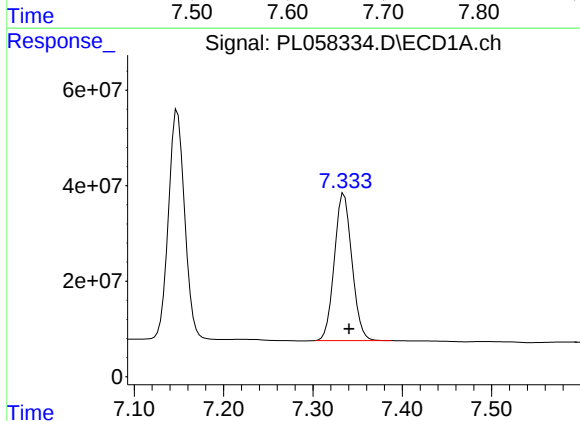
R.T.: 7.148 min  
Delta R.T.: -0.005 min  
Response: 603499695  
Conc: 54.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



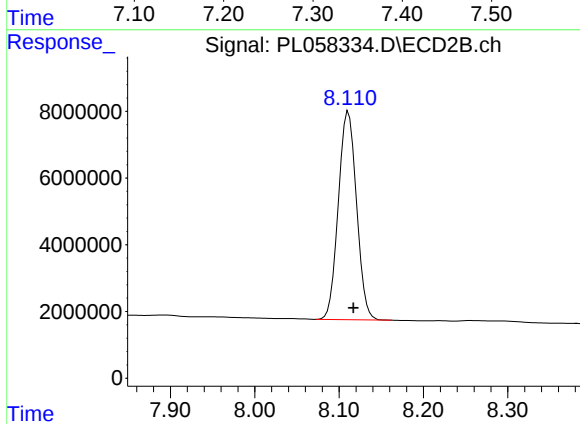
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: -0.005 min  
Response: 127757813  
Conc: 51.68 ng/ml



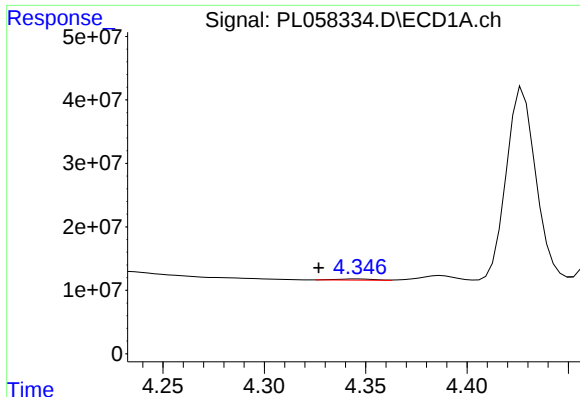
#22 Mirex

R.T.: 7.335 min  
Delta R.T.: -0.006 min  
Response: 420540163  
Conc: 51.30 ng/ml



#22 Mirex

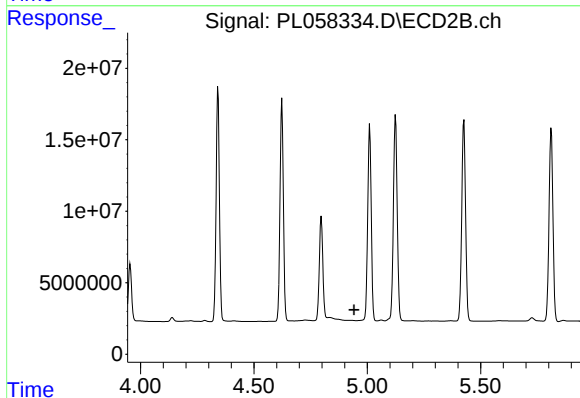
R.T.: 8.111 min  
Delta R.T.: -0.006 min  
Response: 93624899  
Conc: 50.92 ng/ml



#23 Chlordane-1

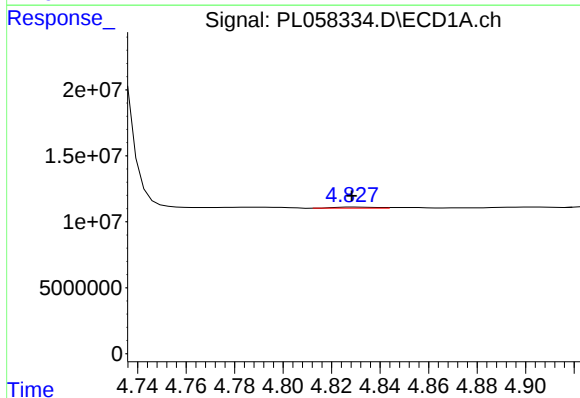
R.T.: 4.346 min  
Delta R.T.: 0.019 min  
Response: 2227685  
Conc: 6.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



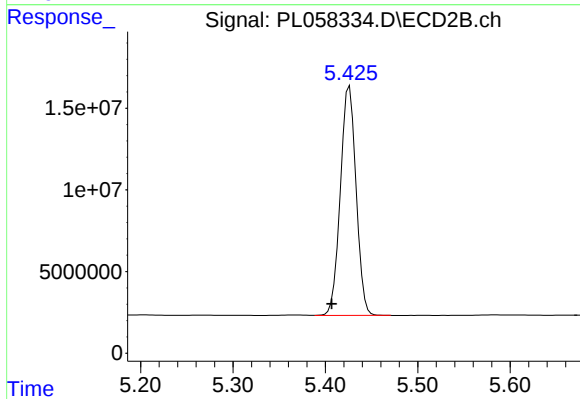
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.942 min  
Response: 0  
Conc: N.D.



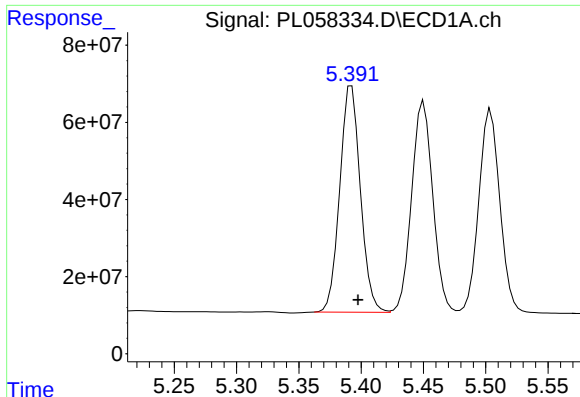
#24 Chlordane-2

R.T.: 4.829 min  
Delta R.T.: 0.000 min  
Response: 987214  
Conc: 2.45 ng/ml



#24 Chlordane-2

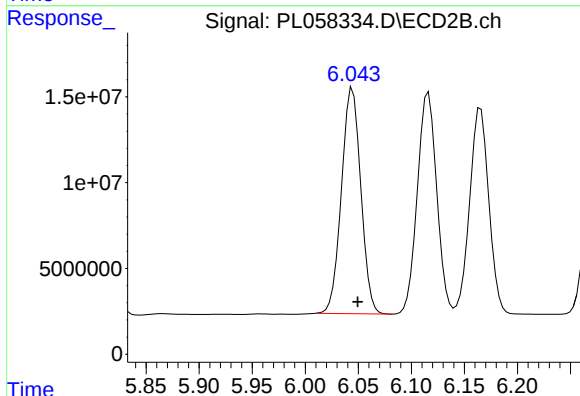
R.T.: 5.426 min  
Delta R.T.: 0.019 min  
Response: 166225026  
Conc: 1592.82 ng/ml



#25 Chlordane-3

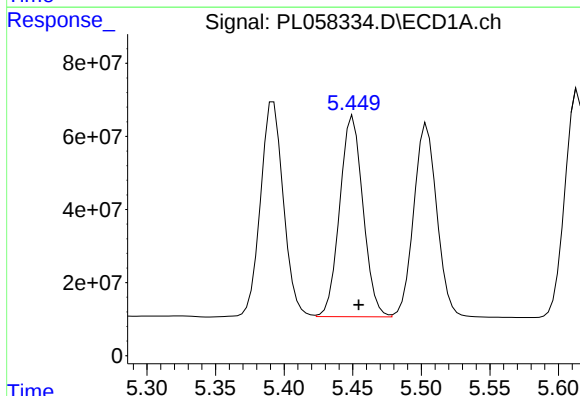
R.T.: 5.392 min  
Delta R.T.: -0.005 min  
Response: 679083363  
Conc: 555.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



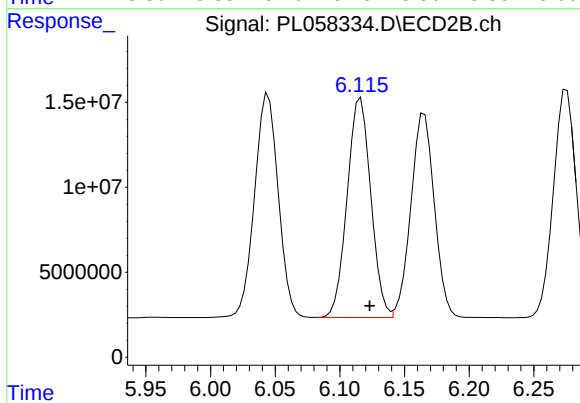
#25 Chlordane-3

R.T.: 6.045 min  
Delta R.T.: -0.005 min  
Response: 166611219  
Conc: 385.07 ng/ml



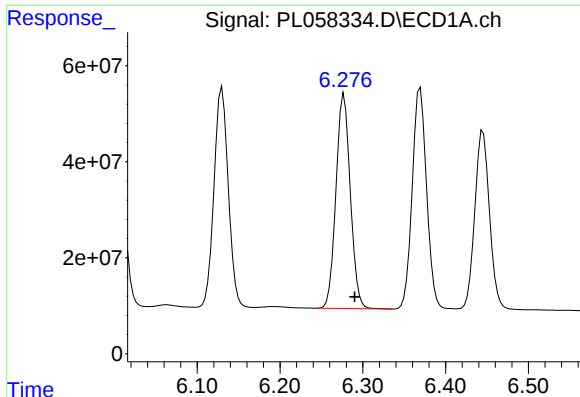
#26 Chlordane-4

R.T.: 5.450 min  
Delta R.T.: -0.004 min  
Response: 649204681  
Conc: 624.11 ng/ml



#26 Chlordane-4

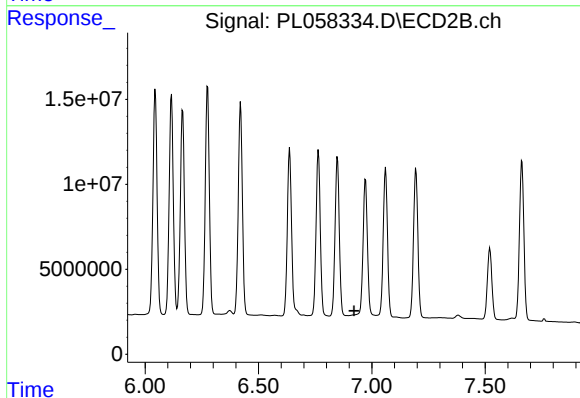
R.T.: 6.116 min  
Delta R.T.: -0.007 min  
Response: 164237464  
Conc: 312.87 ng/ml



#27 Chlordane-5

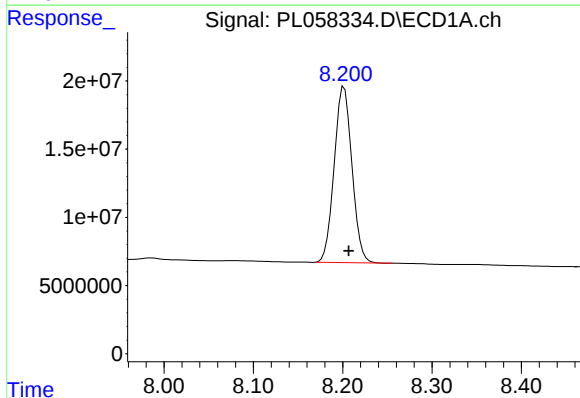
R.T.: 6.277 min  
Delta R.T.: -0.013 min  
Response: 538810350  
Conc: 1424.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



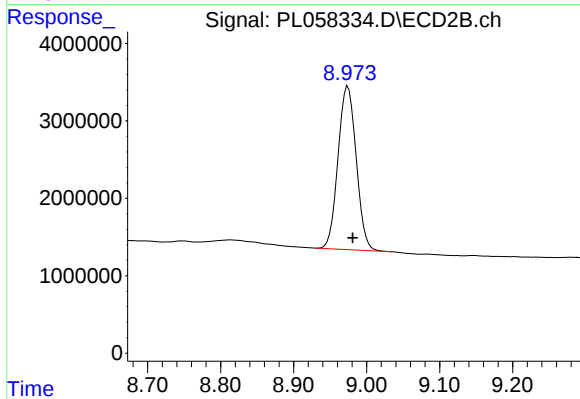
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.202 min  
Delta R.T.: -0.005 min  
Response: 178021784  
Conc: 17.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.974 min  
Delta R.T.: -0.006 min  
Response: 36465587  
Conc: 16.32 ng/ml