

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020520\  
 Data File : PL056343.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Feb 2020 16:40  
 Operator : AJ\MA  
 Sample : L1377-02MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BW-2MS

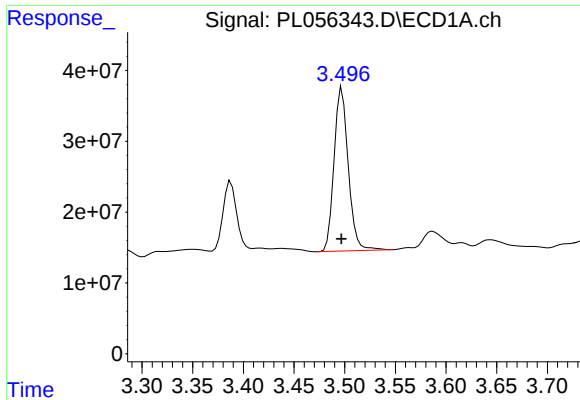
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 06 00:50:27 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 28 13:10:37 2020  
 Response via : Initial Calibration  
 Integrator: 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... | 3.497 | 4.015 | 226.0E6  | 73844848 | 21.579  | 25.254    |
| 28)                         | SA Decachlor... | 8.250 | 9.091 | 186.9E6  | 42747468 | 17.754  | 18.899    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.936 | 4.405 | 166.9E6  | 48616127 | 9.369   | 11.107    |
| 3)                          | MA gamma-BHC... | 4.219 | 4.690 | 148.5E6  | 50141582 | 9.072   | 12.227 #  |
| 4)                          | MA Heptachlor   | 4.521 | 5.197 | 229.2E6  | 81524226 | 14.278  | 22.787 #  |
| 5)                          | MB Aldrin       | 4.770 | 5.502 | 171.2E6  | 50852939 | 10.527  | 14.469 #  |
| 6)                          | B beta-BHC      | 4.471 | 4.861 | 33123948 | 20515205 | 5.029   | 12.514 #  |
| 7)                          | B delta-BHC     | 4.675 | 5.078 | 41867916 | 8840169  | 2.611   | 2.756     |
| 8)                          | B Heptachlo...  | 5.213 | 5.886 | 137.5E6  | 63736035 | 8.939   | 20.477 #  |
| 9)                          | A Endosulfan I  | 5.552 | 6.247 | 160.7E6  | 36396173 | 11.076  | 12.161    |
| 10)                         | B gamma-Chl...  | 5.440 | 6.125 | 412.9E6  | 118.5E6  | 26.328  | 37.269 #  |
| 11)                         | B alpha-Chl...  | 5.498 | 6.198 | 443.3E6  | 133.6E6  | 28.815  | 42.162 #  |
| 12)                         | B 4,4'-DDE      | 5.661 | 6.354 | 158.2E6  | 40954460 | 10.915  | 13.673 #  |
| 13)                         | MA Dieldrin     | 5.795 | 6.505 | 190.0E6  | 45213194 | 12.356  | 14.566    |
| 14)                         | MA Endrin       | 6.053 | 6.723 | 186.1E6  | 32918214 | 13.242  | 12.561    |
| 15)                         | B Endosulfa...  | 6.327 | 6.934 | 185.6E6  | 44990717 | 14.190  | 16.712    |
| 16)                         | A 4,4'-DDD      | 6.177 | 6.847 | 124.9E6  | 34405720 | 11.623  | 14.582 #  |
| 17)                         | MA 4,4'-DDT     | 6.417 | 7.145 | 130.5E6  | 31409896 | 11.938  | 13.682    |
| 18)                         | B Endrin al...  | 6.494 | 7.058 | 139.8E6  | 29725358 | 12.777  | 13.094    |
| 19)                         | B Endosulfa...  | 6.707 | 7.281 | 130.0E6  | 33618288 | 10.692  | 13.284    |
| 20)                         | A Methoxychlor  | 6.962 | 7.605 | 67229408 | 18627680 | 12.656  | 15.193    |
| 21)                         | B Endrin ke...  | 7.198 | 7.753 | 151.4E6  | 38701348 | 11.573  | 14.512 #  |
| 22)                         | Mirex           | 7.388 | 8.208 | 102.5E6  | 32316934 | 11.088  | 17.778 #  |
| 23)                         | Chlordane-1     | 4.369 | 5.006 | 217.1E6  | 41625055 | 573.410 | 407.816 # |
| 24)                         | Chlordane-2     | 4.871 | 5.474 | 142.2E6  | 26177496 | 324.614 | 265.041   |
| 25)                         | Chlordane-3     | 5.440 | 6.125 | 412.9E6  | 118.5E6  | 327.037 | 315.351   |
| 26)                         | Chlordane-4     | 5.498 | 6.198 | 443.3E6  | 133.6E6  | 409.655 | 304.174 # |
| 27)                         | Chlordane-5     | 6.327 | 7.005 | 185.6E6  | 10195636 | 447.383 | 127.110 # |
| -----                       |                 |       |       |          |          |         |           |

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

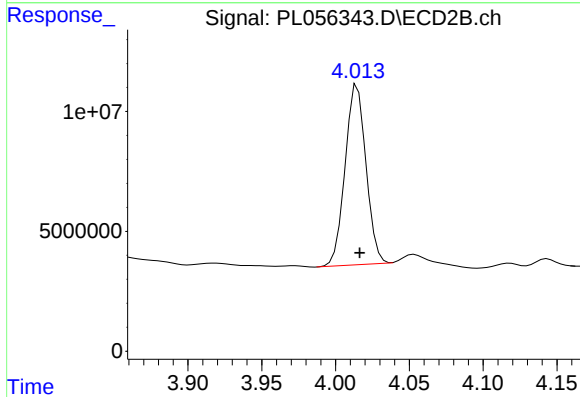




#1 Tetrachloro-m-xylene

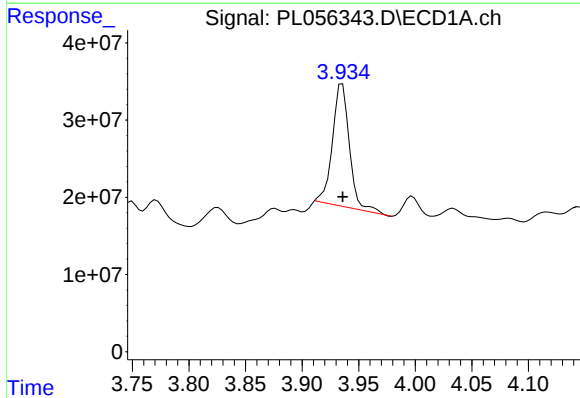
R.T.: 3.497 min  
Delta R.T.: 0.000 min  
Response: 225992371  
Conc: 21.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



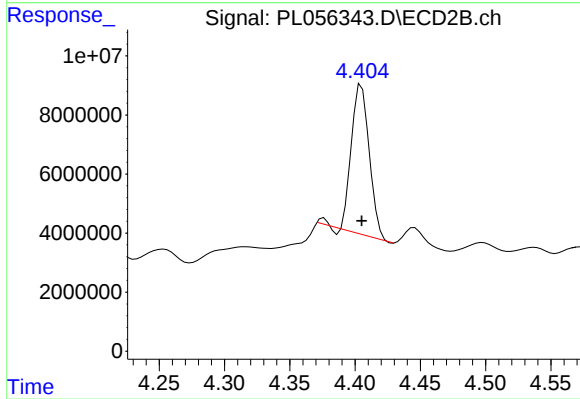
#1 Tetrachloro-m-xylene

R.T.: 4.015 min  
Delta R.T.: -0.002 min  
Response: 73844848  
Conc: 25.25 ng/ml



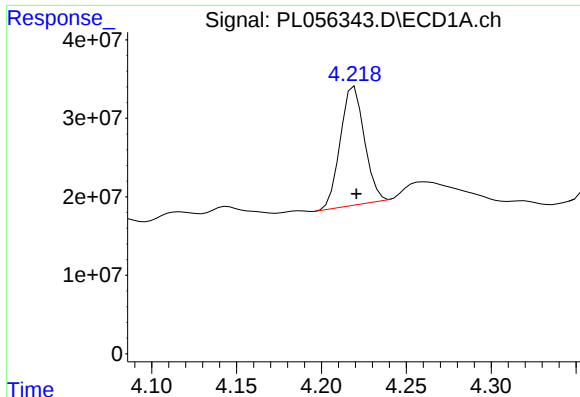
#2 alpha-BHC

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 166948653  
Conc: 9.37 ng/ml



#2 alpha-BHC

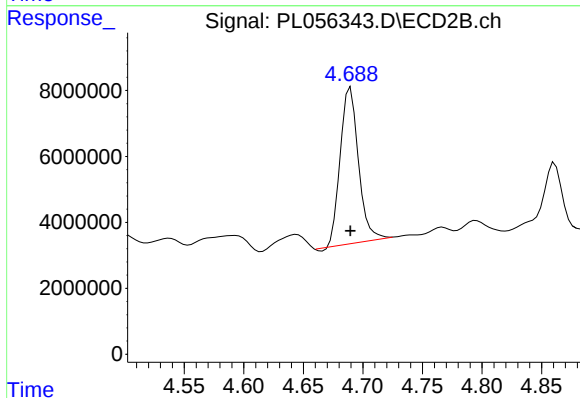
R.T.: 4.405 min  
Delta R.T.: 0.000 min  
Response: 48616127  
Conc: 11.11 ng/ml



#3 gamma-BHC (Lindane)

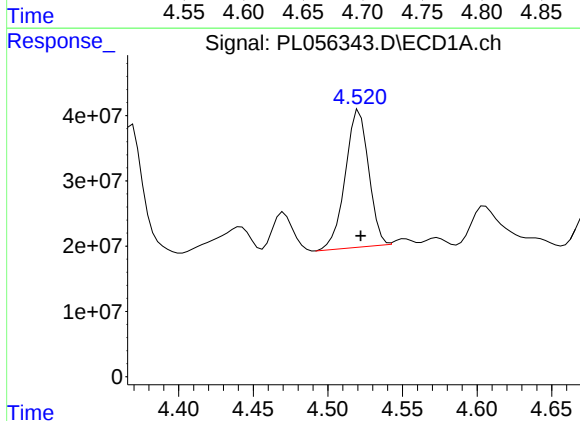
R.T.: 4.219 min  
Delta R.T.: -0.001 min  
Response: 148546672  
Conc: 9.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



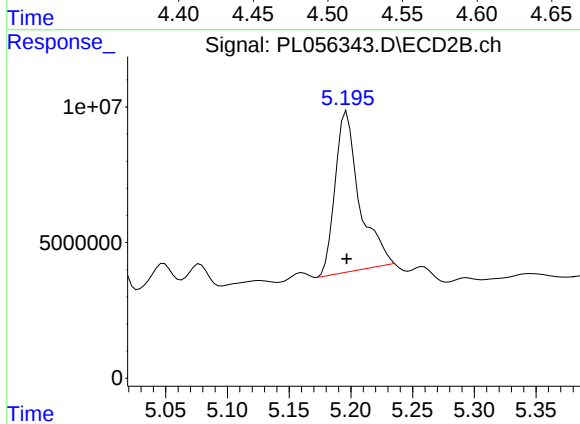
#3 gamma-BHC (Lindane)

R.T.: 4.690 min  
Delta R.T.: 0.000 min  
Response: 50141582  
Conc: 12.23 ng/ml



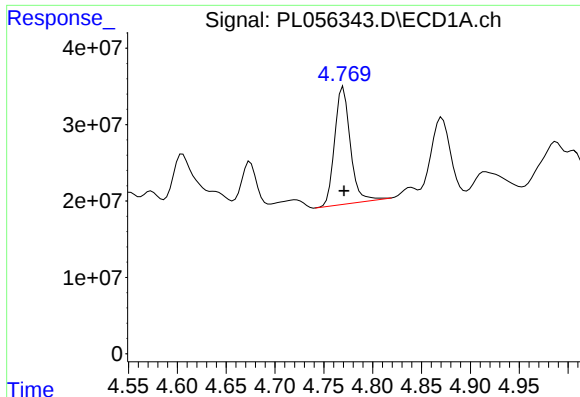
#4 Heptachlor

R.T.: 4.521 min  
Delta R.T.: 0.000 min  
Response: 229228183  
Conc: 14.28 ng/ml



#4 Heptachlor

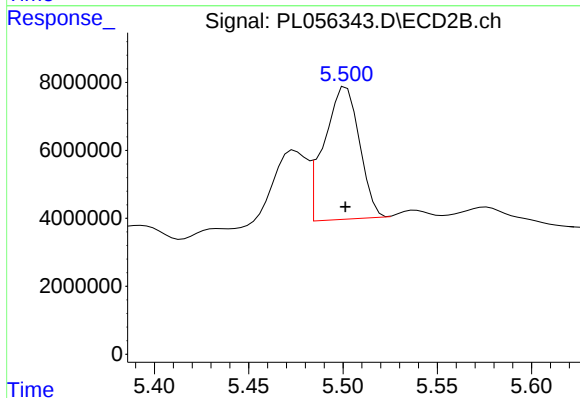
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 81524226  
Conc: 22.79 ng/ml



#5 Aldrin

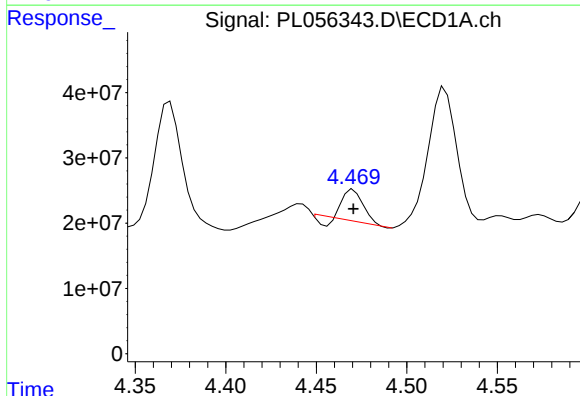
R.T.: 4.770 min  
Delta R.T.: 0.000 min  
Response: 171249544  
Conc: 10.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



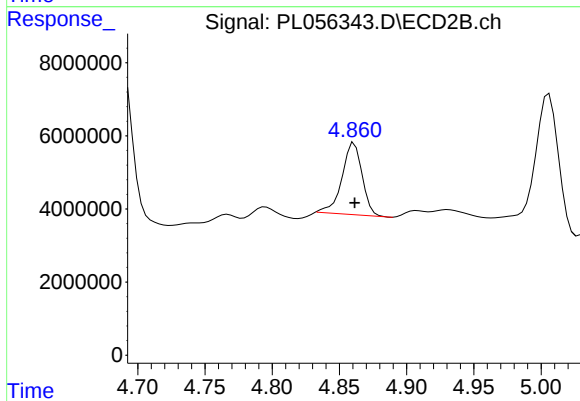
#5 Aldrin

R.T.: 5.502 min  
Delta R.T.: 0.000 min  
Response: 50852939  
Conc: 14.47 ng/ml



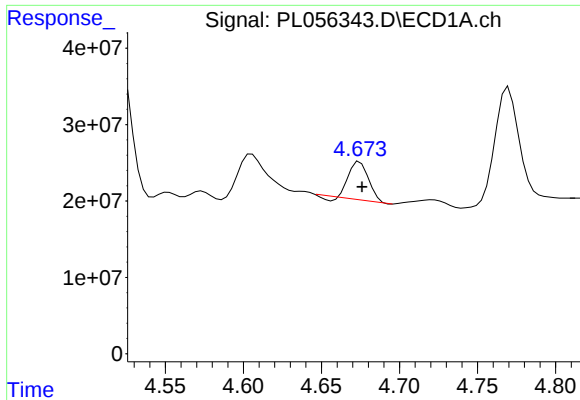
#6 beta-BHC

R.T.: 4.471 min  
Delta R.T.: 0.000 min  
Response: 33123948  
Conc: 5.03 ng/ml



#6 beta-BHC

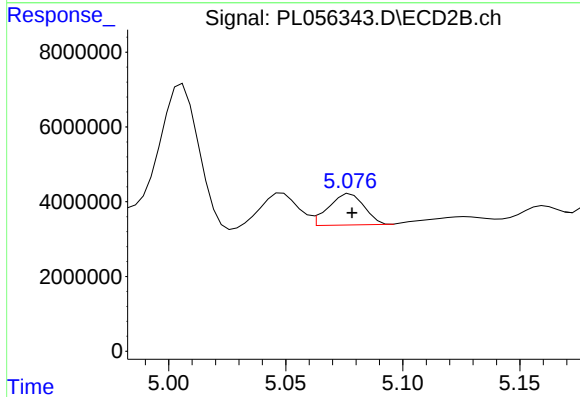
R.T.: 4.861 min  
Delta R.T.: 0.000 min  
Response: 20515205  
Conc: 12.51 ng/ml



#7 delta-BHC

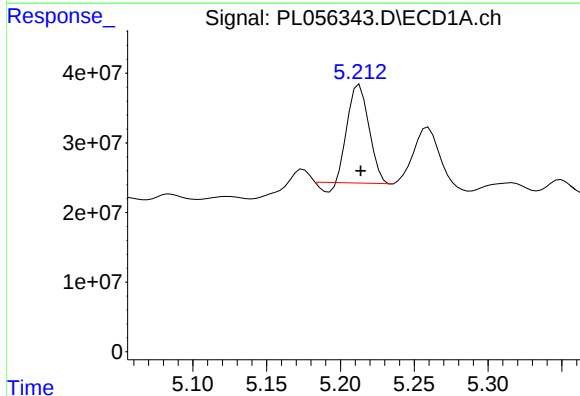
R.T.: 4.675 min  
Delta R.T.: -0.001 min  
Response: 41867916  
Conc: 2.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



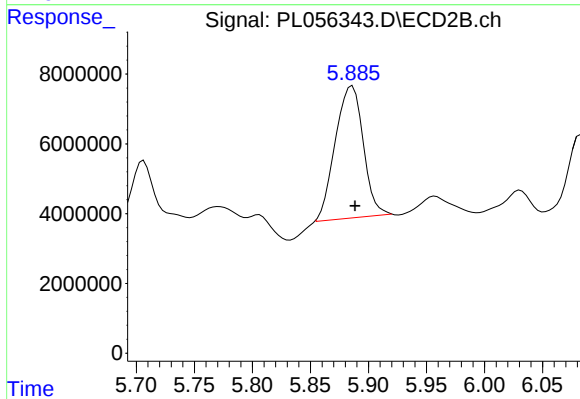
#7 delta-BHC

R.T.: 5.078 min  
Delta R.T.: 0.000 min  
Response: 8840169  
Conc: 2.76 ng/ml



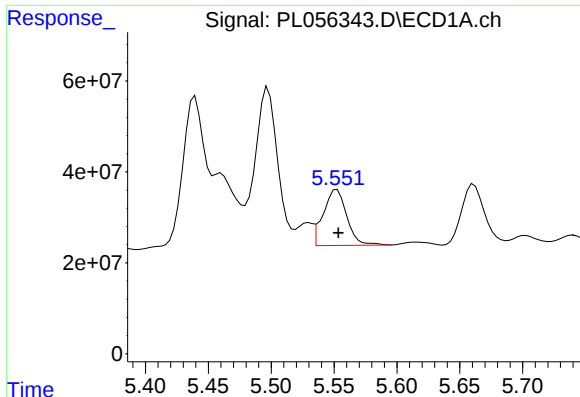
#8 Heptachlor epoxide

R.T.: 5.213 min  
Delta R.T.: 0.000 min  
Response: 137493994  
Conc: 8.94 ng/ml



#8 Heptachlor epoxide

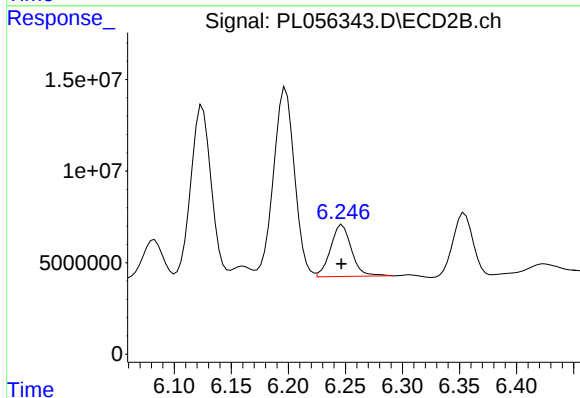
R.T.: 5.886 min  
Delta R.T.: -0.002 min  
Response: 63736035  
Conc: 20.48 ng/ml



#9 Endosulfan I

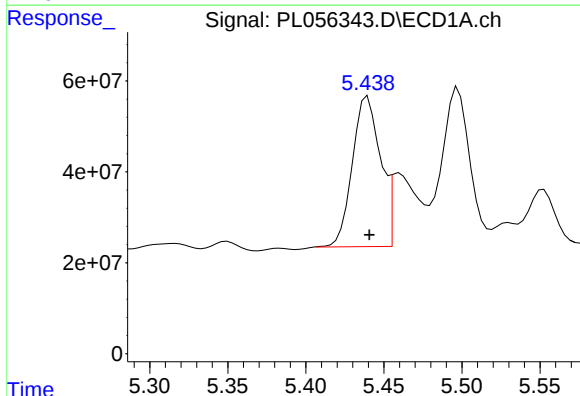
R.T.: 5.552 min  
Delta R.T.: -0.001 min  
Response: 160735641  
Conc: 11.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



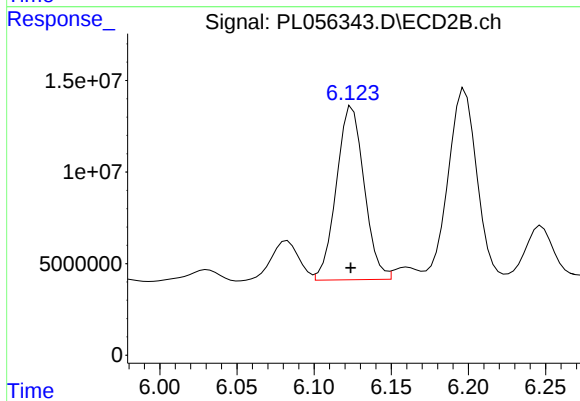
#9 Endosulfan I

R.T.: 6.247 min  
Delta R.T.: 0.000 min  
Response: 36396173  
Conc: 12.16 ng/ml



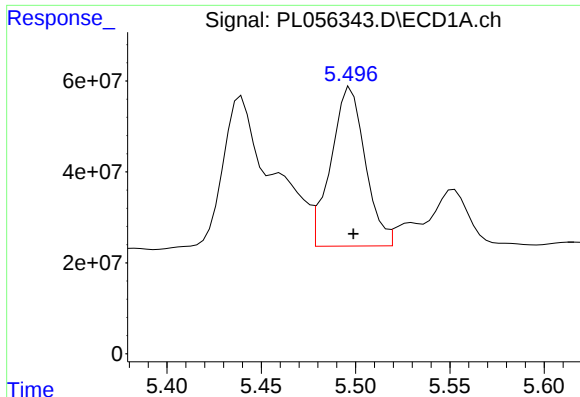
#10 gamma-Chlordane

R.T.: 5.440 min  
Delta R.T.: -0.001 min  
Response: 412897690  
Conc: 26.33 ng/ml



#10 gamma-Chlordane

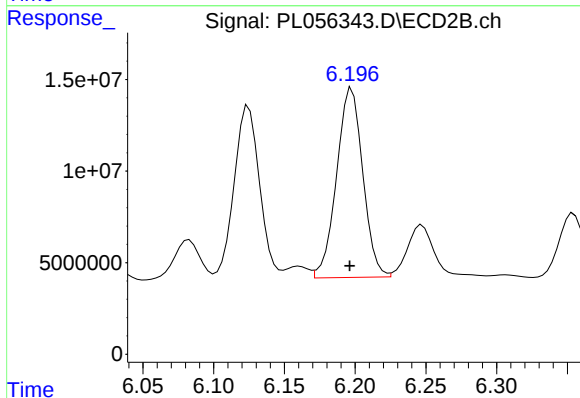
R.T.: 6.125 min  
Delta R.T.: 0.001 min  
Response: 118520090  
Conc: 37.27 ng/ml



#11 alpha-Chlordane

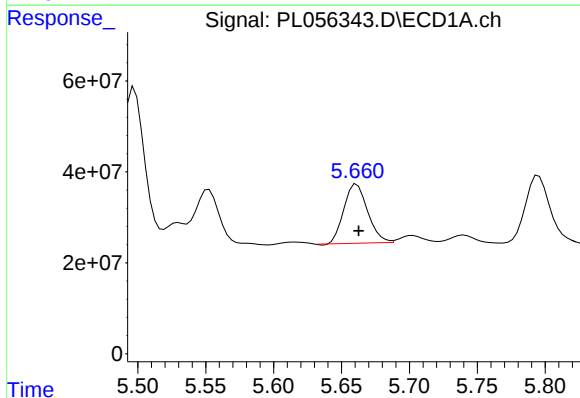
R.T.: 5.498 min  
Delta R.T.: -0.001 min  
Response: 443262587  
Conc: 28.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



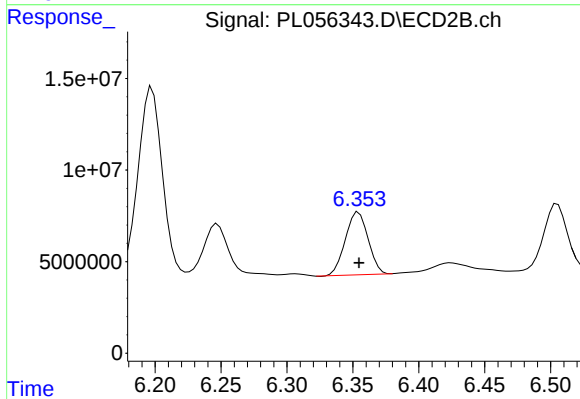
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.001 min  
Response: 133640438  
Conc: 42.16 ng/ml



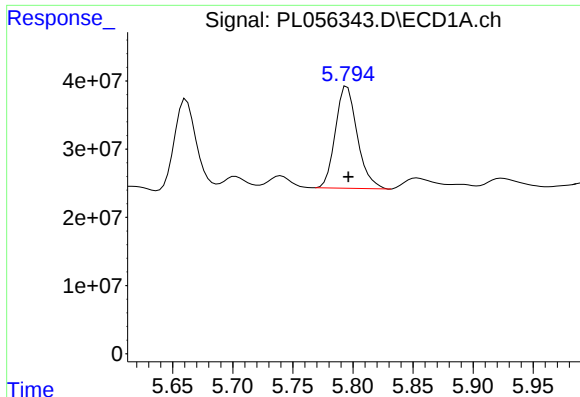
#12 4,4'-DDE

R.T.: 5.661 min  
Delta R.T.: -0.001 min  
Response: 158193846  
Conc: 10.91 ng/ml



#12 4,4'-DDE

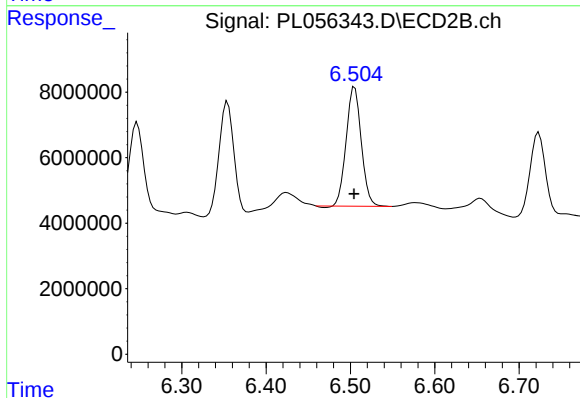
R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 40954460  
Conc: 13.67 ng/ml



#13 Dieldrin

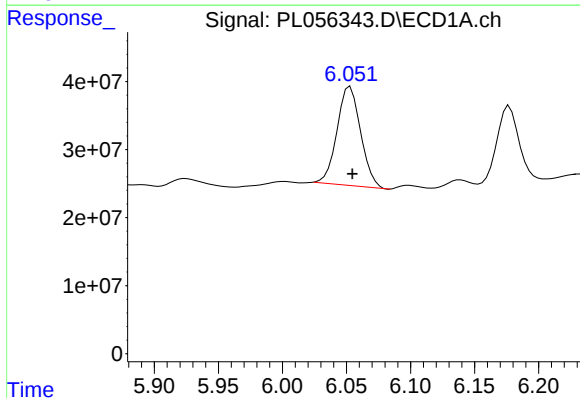
R.T.: 5.795 min  
Delta R.T.: -0.001 min  
Response: 190031175  
Conc: 12.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



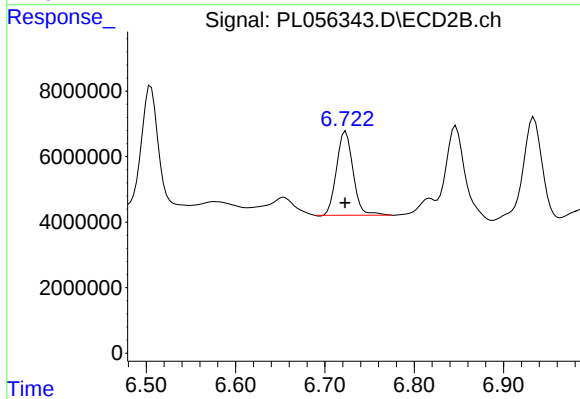
#13 Dieldrin

R.T.: 6.505 min  
Delta R.T.: 0.000 min  
Response: 45213194  
Conc: 14.57 ng/ml



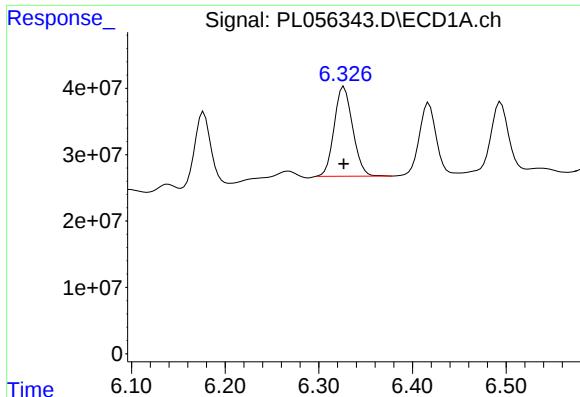
#14 Endrin

R.T.: 6.053 min  
Delta R.T.: -0.002 min  
Response: 186078151  
Conc: 13.24 ng/ml



#14 Endrin

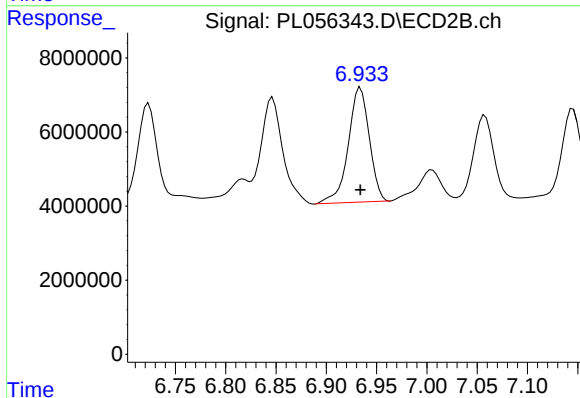
R.T.: 6.723 min  
Delta R.T.: 0.000 min  
Response: 32918214  
Conc: 12.56 ng/ml



#15 Endosulfan II

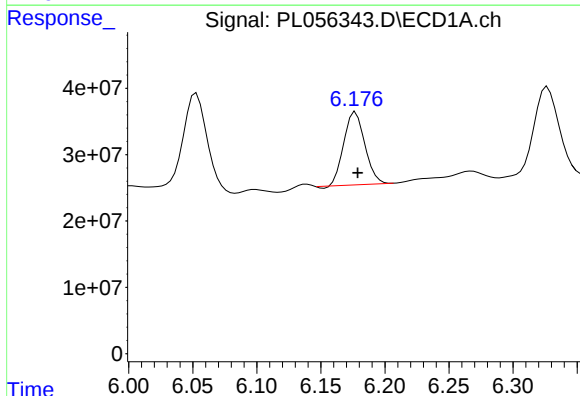
R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 185588794  
Conc: 14.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



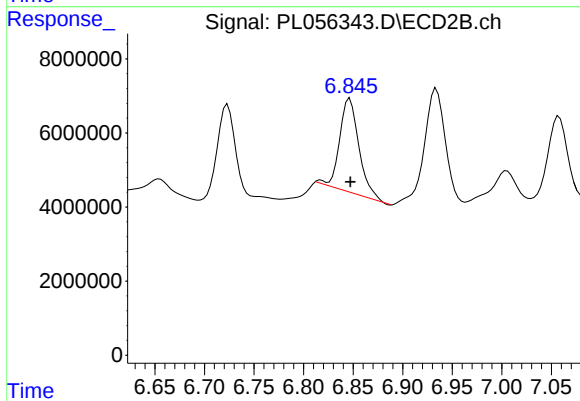
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: 0.000 min  
Response: 44990717  
Conc: 16.71 ng/ml



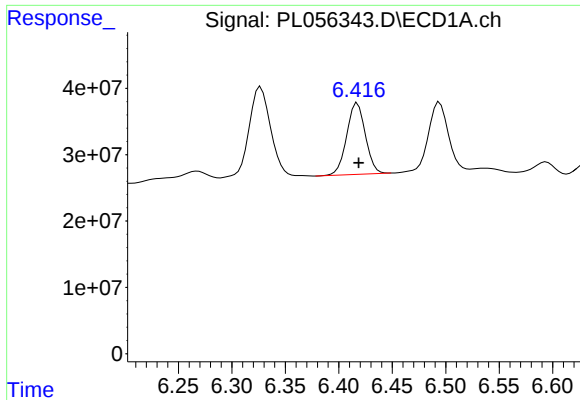
#16 4,4'-DDD

R.T.: 6.177 min  
Delta R.T.: -0.002 min  
Response: 124935320  
Conc: 11.62 ng/ml



#16 4,4'-DDD

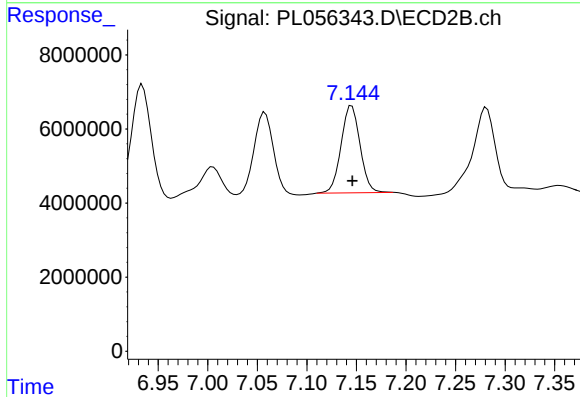
R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 34405720  
Conc: 14.58 ng/ml



#17 4,4'-DDT

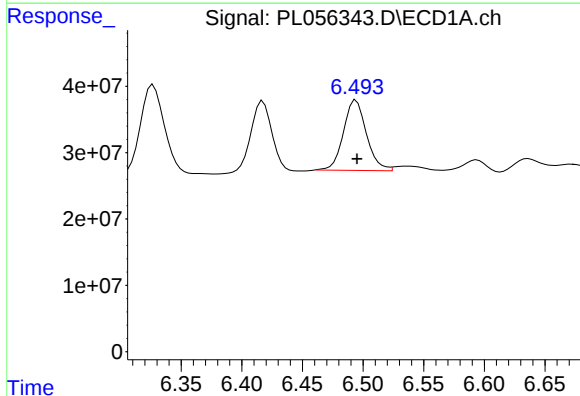
R.T.: 6.417 min  
Delta R.T.: -0.001 min  
Response: 130467199  
Conc: 11.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



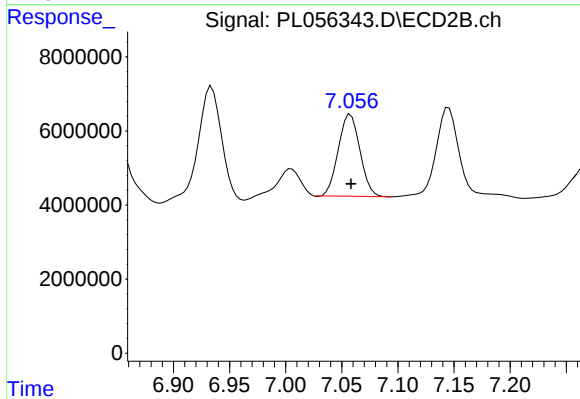
#17 4,4'-DDT

R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 31409896  
Conc: 13.68 ng/ml



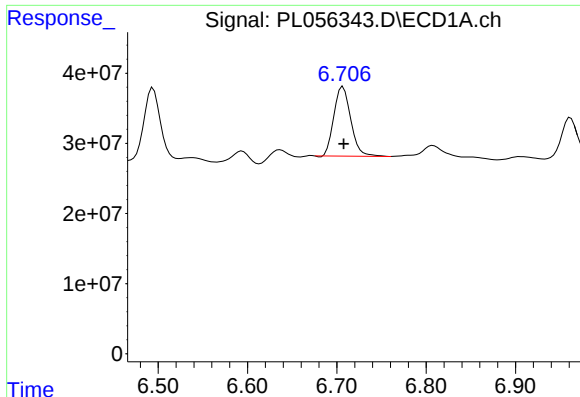
#18 Endrin aldehyde

R.T.: 6.494 min  
Delta R.T.: 0.000 min  
Response: 139788067  
Conc: 12.78 ng/ml



#18 Endrin aldehyde

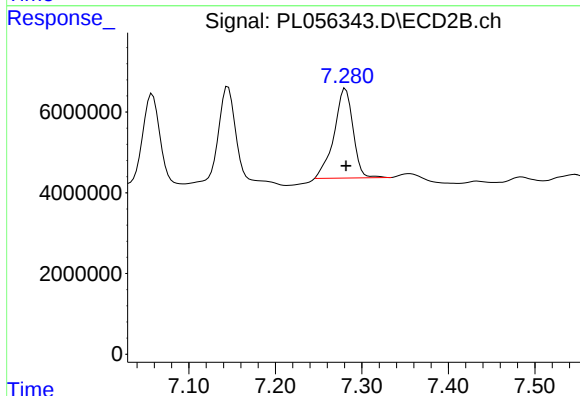
R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 29725358  
Conc: 13.09 ng/ml



#19 Endosulfan Sulfate

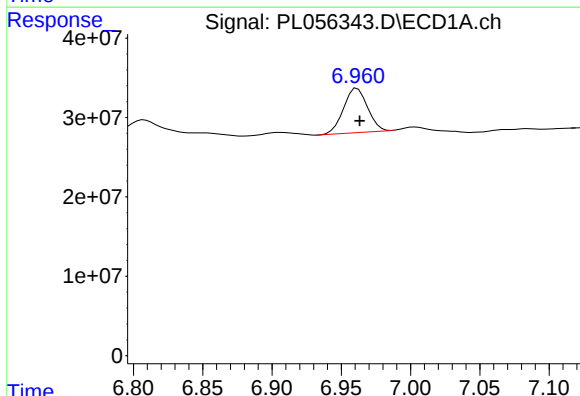
R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 129986157  
Conc: 10.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



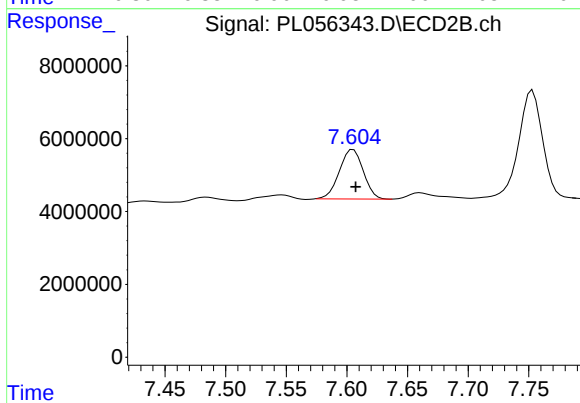
#19 Endosulfan Sulfate

R.T.: 7.281 min  
Delta R.T.: 0.000 min  
Response: 33618288  
Conc: 13.28 ng/ml



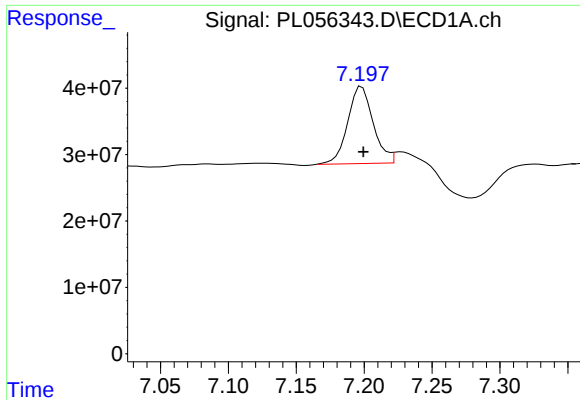
#20 Methoxychlor

R.T.: 6.962 min  
Delta R.T.: -0.002 min  
Response: 67229408  
Conc: 12.66 ng/ml



#20 Methoxychlor

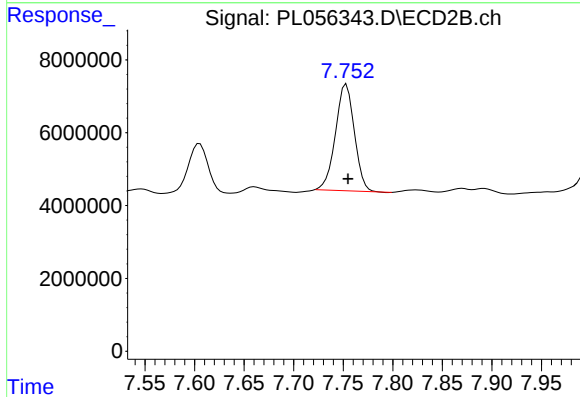
R.T.: 7.605 min  
Delta R.T.: -0.002 min  
Response: 18627680  
Conc: 15.19 ng/ml



#21 Endrin ketone

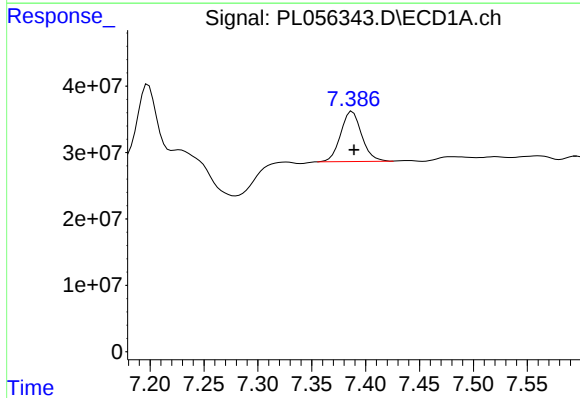
R.T.: 7.198 min  
Delta R.T.: -0.001 min  
Response: 151435065  
Conc: 11.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



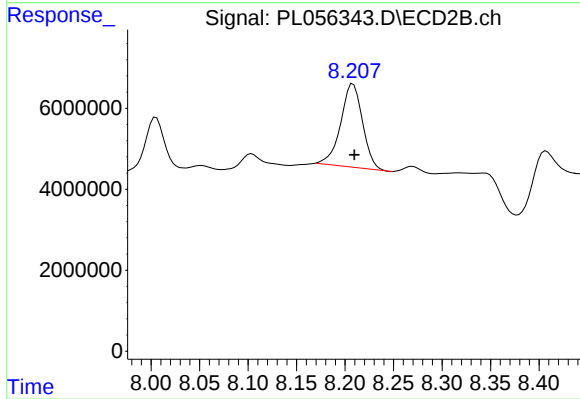
#21 Endrin ketone

R.T.: 7.753 min  
Delta R.T.: -0.002 min  
Response: 38701348  
Conc: 14.51 ng/ml



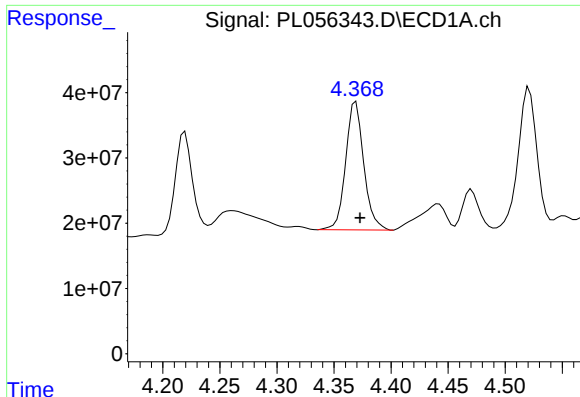
#22 Mirex

R.T.: 7.388 min  
Delta R.T.: -0.001 min  
Response: 102451545  
Conc: 11.09 ng/ml



#22 Mirex

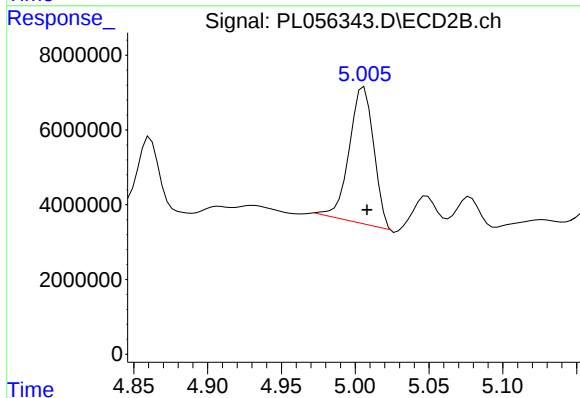
R.T.: 8.208 min  
Delta R.T.: -0.001 min  
Response: 32316934  
Conc: 17.78 ng/ml



#23 Chlordane-1

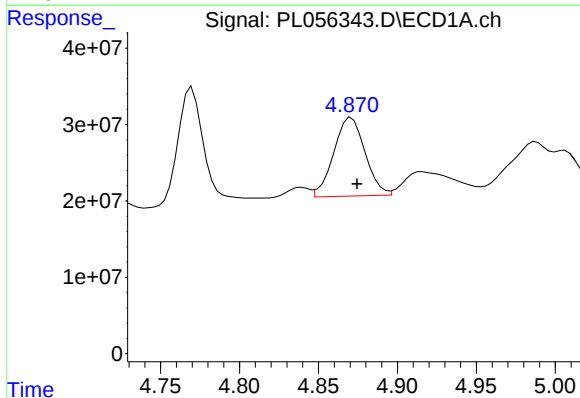
R.T.: 4.369 min  
Delta R.T.: -0.004 min  
Response: 217060490  
Conc: 573.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



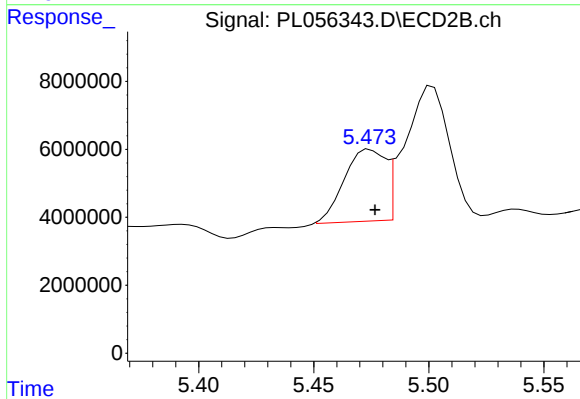
#23 Chlordane-1

R.T.: 5.006 min  
Delta R.T.: -0.002 min  
Response: 41625055  
Conc: 407.82 ng/ml



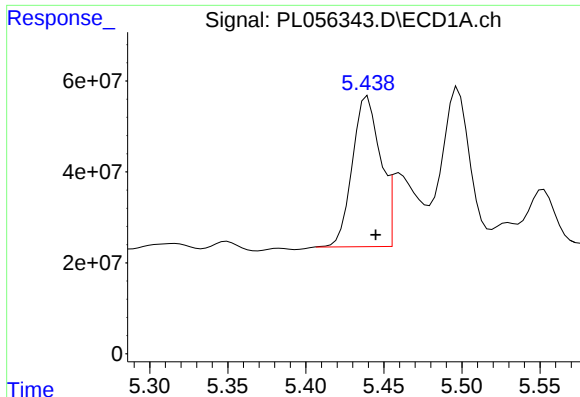
#24 Chlordane-2

R.T.: 4.871 min  
Delta R.T.: -0.004 min  
Response: 142216072  
Conc: 324.61 ng/ml



#24 Chlordane-2

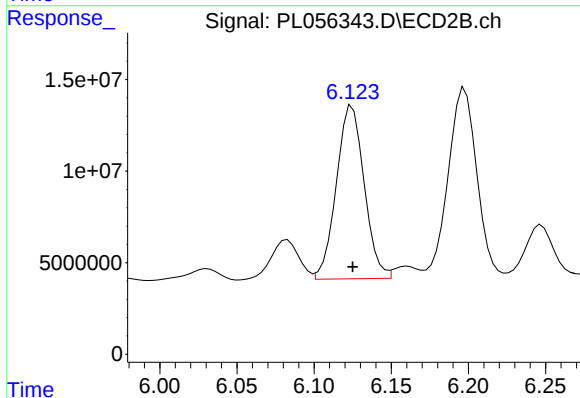
R.T.: 5.474 min  
Delta R.T.: -0.002 min  
Response: 26177496  
Conc: 265.04 ng/ml



#25 Chlordane-3

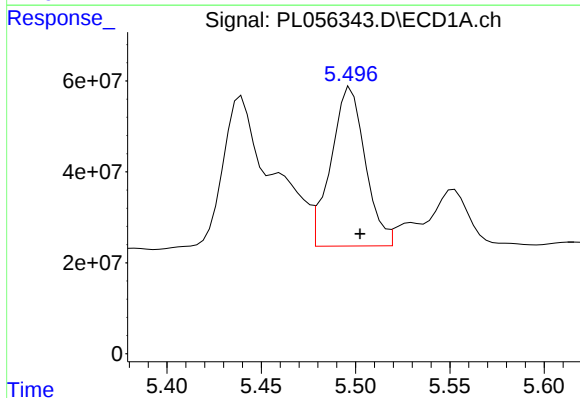
R.T.: 5.440 min  
Delta R.T.: -0.005 min  
Response: 412897690  
Conc: 327.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



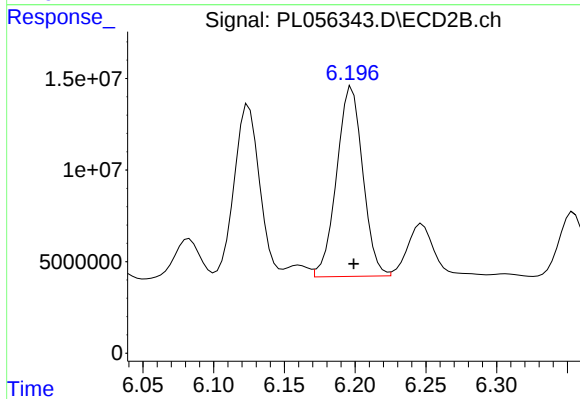
#25 Chlordane-3

R.T.: 6.125 min  
Delta R.T.: 0.000 min  
Response: 118520090  
Conc: 315.35 ng/ml



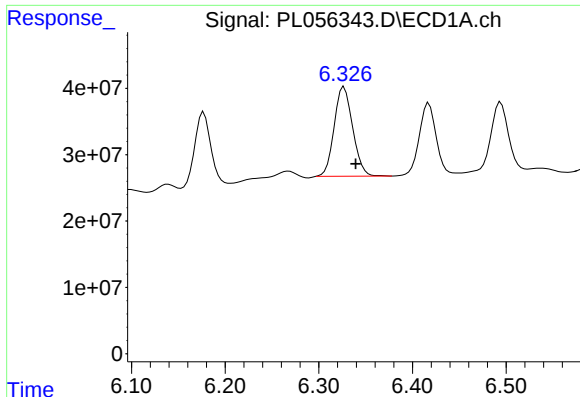
#26 Chlordane-4

R.T.: 5.498 min  
Delta R.T.: -0.005 min  
Response: 443262587  
Conc: 409.66 ng/ml



#26 Chlordane-4

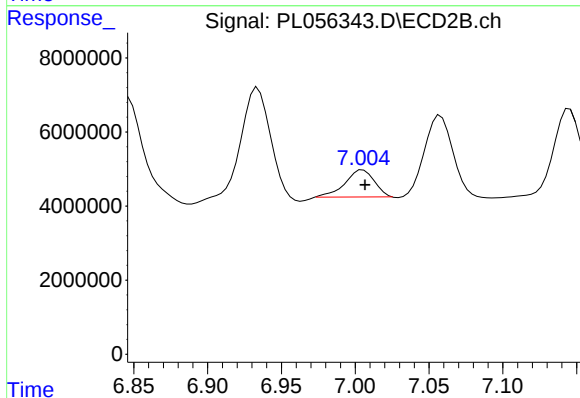
R.T.: 6.198 min  
Delta R.T.: -0.001 min  
Response: 133640438  
Conc: 304.17 ng/ml



#27 Chlordane-5

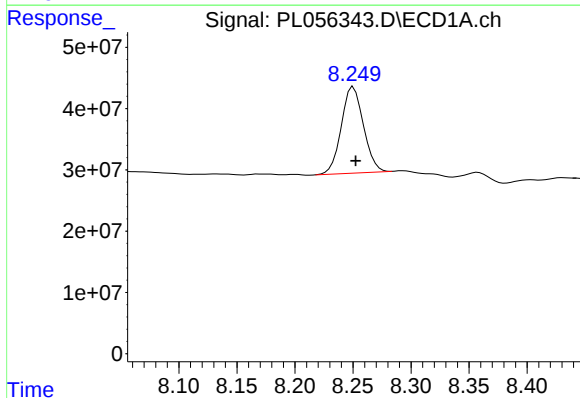
R.T.: 6.327 min  
Delta R.T.: -0.012 min  
Response: 185588794  
Conc: 447.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BW-2MS



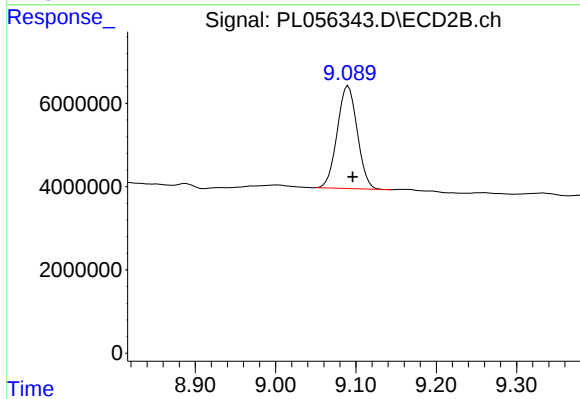
#27 Chlordane-5

R.T.: 7.005 min  
Delta R.T.: -0.001 min  
Response: 10195636  
Conc: 127.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.250 min  
Delta R.T.: -0.002 min  
Response: 186912055  
Conc: 17.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.091 min  
Delta R.T.: -0.005 min  
Response: 42747468  
Conc: 18.90 ng/ml