

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071618\  
 Data File : PL038167.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jul 2018 05:40  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 08:30:02 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|------------|
| -----                       |                 |       |       |          |          |          |            |
| System Monitoring Compounds |                 |       |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.330 | 3.931 | 380.1E6  | 147.9E6  | 51.038   | 56.326     |
| 28)                         | SA Decachlor... | 8.003 | 8.941 | 307.8E6  | 109.0E6  | 40.580   | 44.596     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.760 | 4.310 | 613.8E6  | 222.4E6  | 51.946   | 57.454     |
| 3)                          | MA gamma-BHC... | 4.036 | 4.590 | 548.9E6  | 199.3E6  | 52.360   | 55.189     |
| 4)                          | MA Heptachlor   | 4.320 | 5.101 | 539.7E6  | 184.4E6  | 50.739   | 57.698     |
| 5)                          | MB Aldrin       | 4.559 | 5.403 | 544.9E6  | 172.8E6  | 52.061   | 55.993     |
| 6)                          | B beta-BHC      | 4.290 | 4.752 | 243.8E6  | 88623361 | 51.642   | 58.424     |
| 7)                          | B delta-BHC     | 4.484 | 4.967 | 572.7E6  | 190.8E6  | 52.761   | 57.518     |
| 8)                          | B Heptachlo...  | 4.997 | 5.783 | 495.7E6  | 157.4E6  | 52.580   | 55.385     |
| 9)                          | A Endosulfan I  | 5.328 | 6.135 | 441.7E6  | 132.2E6  | 51.064   | 51.400     |
| 10)                         | B gamma-Chl...  | 5.219 | 6.016 | 510.1E6  | 150.9E6  | 51.612   | 52.052     |
| 11)                         | B alpha-Chl...  | 5.276 | 6.089 | 484.3E6  | 147.6E6  | 51.163   | 51.509     |
| 12)                         | B 4,4'-DDE      | 5.444 | 6.245 | 482.0E6  | 134.3E6  | 50.276   | 50.206     |
| 13)                         | MA Dieldrin     | 5.568 | 6.389 | 484.7E6  | 137.0E6  | 50.441   | 50.333     |
| 14)                         | MA Endrin       | 5.821 | 6.604 | 421.2E6  | 121.3E6  | 48.479   | 50.801     |
| 15)                         | B Endosulfa...  | 6.096 | 6.807 | 396.7E6  | 116.1E6  | 50.018   | 48.329     |
| 16)                         | A 4,4'-DDD      | 5.956 | 6.726 | 384.1E6  | 109.4E6  | 52.360   | 51.102     |
| 17)                         | MA 4,4'-DDT     | 6.191 | 7.026 | 319.4E6  | 94190998 | 42.998   | 44.179     |
| 18)                         | B Endrin al...  | 6.264 | 6.930 | 297.3E6  | 96750834 | 46.688   | 49.581     |
| 19)                         | B Endosulfa...  | 6.475 | 7.152 | 350.0E6  | 107.3E6  | 46.333   | 49.212     |
| 20)                         | A Methoxychlor  | 6.740 | 7.481 | 163.1E6  | 51694492 | 42.399   | 45.399     |
| 21)                         | B Endrin ke...  | 6.958 | 7.616 | 370.8E6  | 119.1E6  | 47.260   | 49.979     |
| 23)                         | Chlordane-1     | 4.106 | 4.967 | 16908934 | 190.8E6  | 48.834   | 1646.145 # |
| 24)                         | Chlordane-2     | 0.000 | 5.403 | 0        | 172.8E6  | N.D.     | 1443.064 # |
| 25)                         | Chlordane-3     | 5.219 | 6.016 | 510.1E6  | 150.9E6  | 438.510  | 369.968    |
| 26)                         | Chlordane-4     | 5.276 | 6.089 | 484.3E6  | 147.6E6  | 460.633  | 300.495 #  |
| 27)                         | Chlordane-5     | 5.821 | 6.930 | 421.2E6  | 96750834 | 2630.335 | 1080.055 # |
| -----                       |                 |       |       |          |          |          |            |

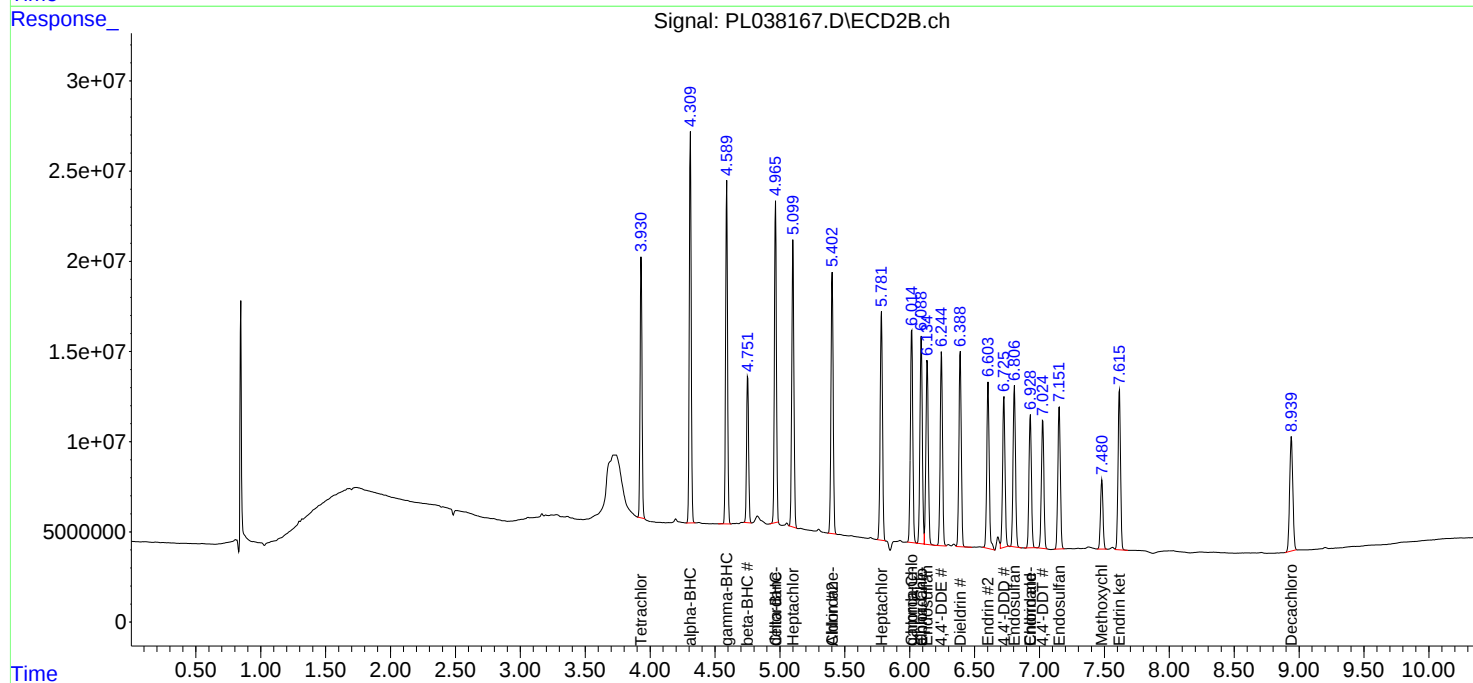
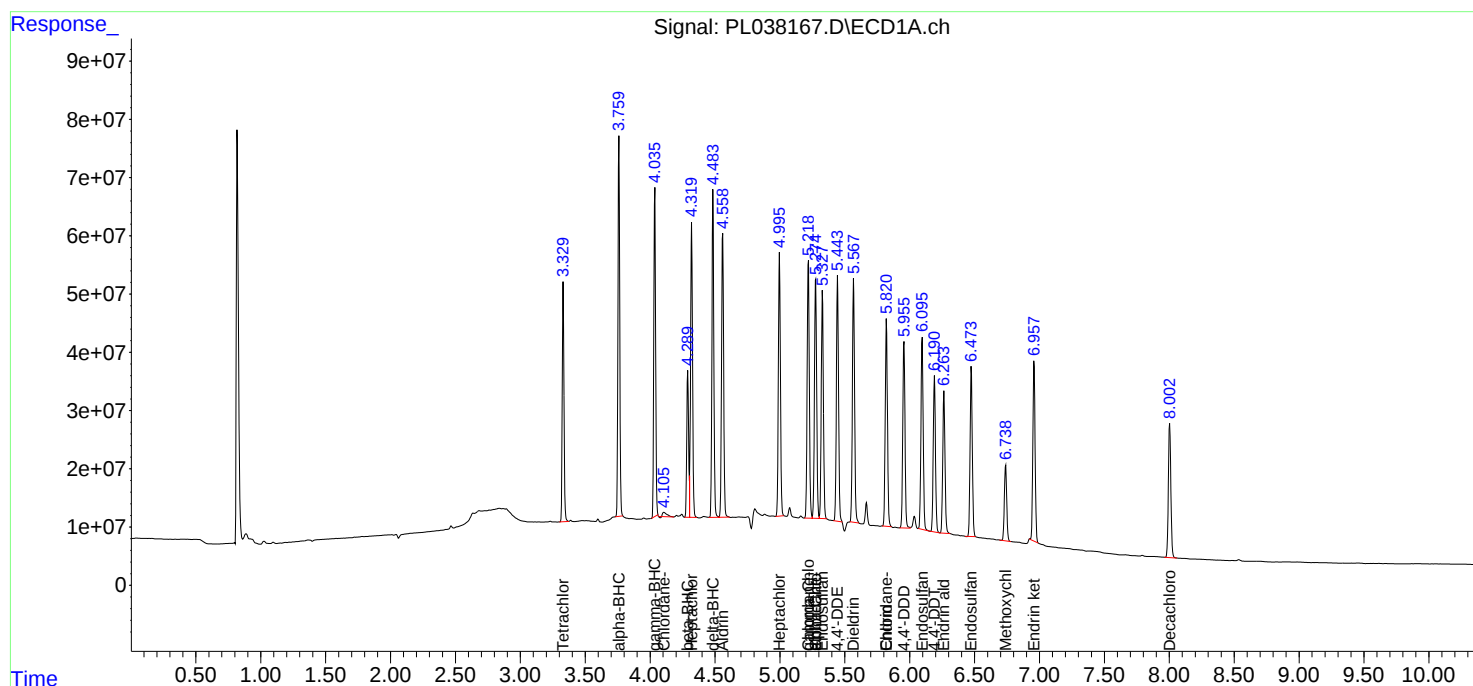
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

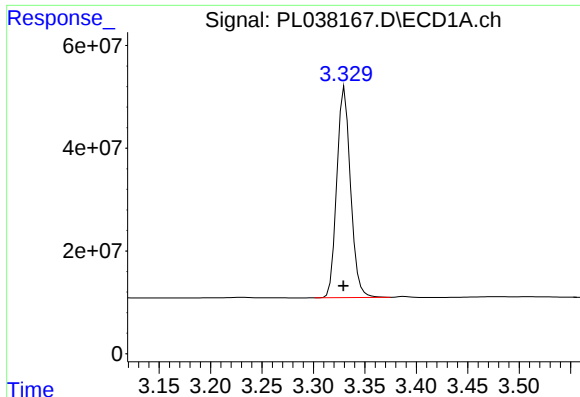
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071618\  
 Data File : PL038167.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jul 2018 05:40  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 08:30:02 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

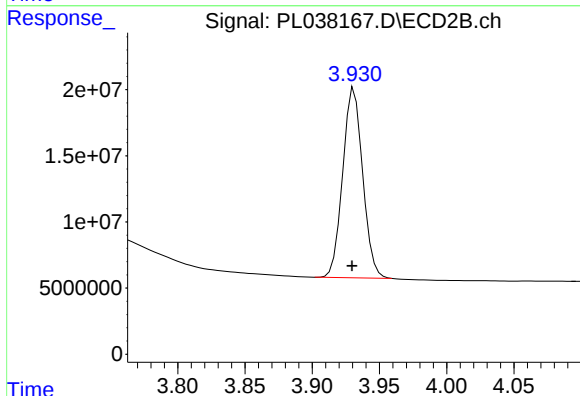




#1 Tetrachloro-m-xylene

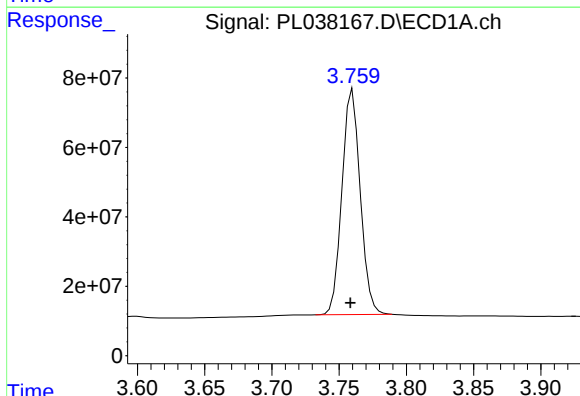
R.T.: 3.330 min  
Delta R.T.: 0.001 min  
Response: 380050934  
Conc: 51.04 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



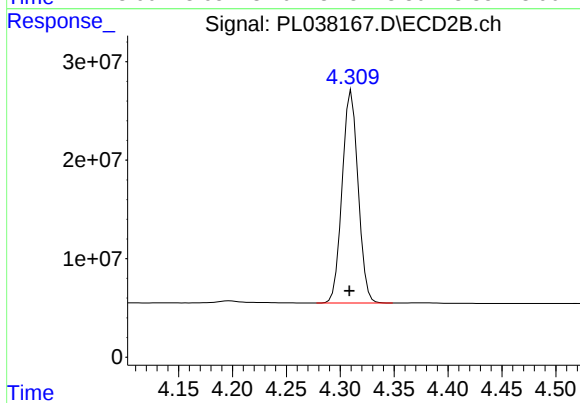
#1 Tetrachloro-m-xylene

R.T.: 3.931 min  
Delta R.T.: 0.002 min  
Response: 147852674  
Conc: 56.33 ng/ml



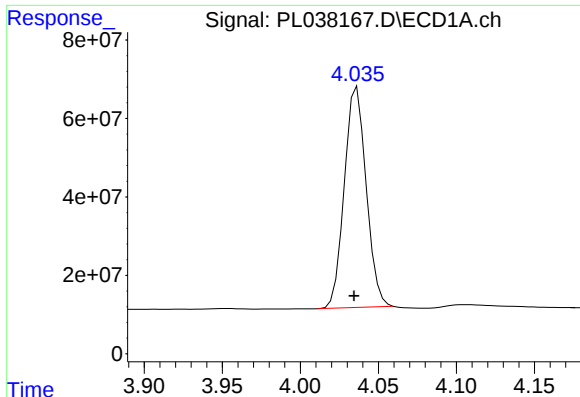
#2 alpha-BHC

R.T.: 3.760 min  
Delta R.T.: 0.002 min  
Response: 613763513  
Conc: 51.95 ng/ml



#2 alpha-BHC

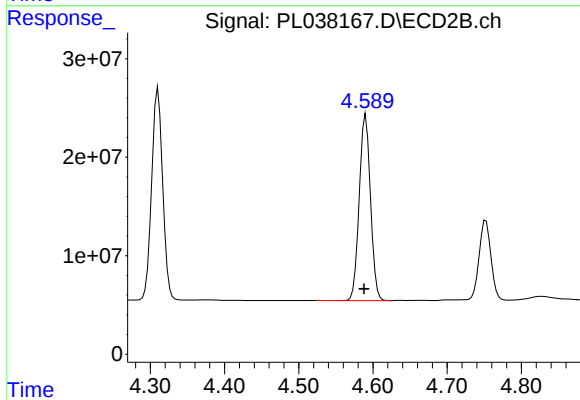
R.T.: 4.310 min  
Delta R.T.: 0.002 min  
Response: 222357432  
Conc: 57.45 ng/ml



#3 gamma-BHC (Lindane)

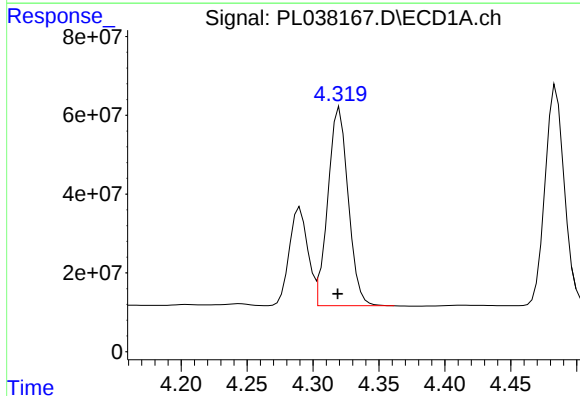
R.T.: 4.036 min  
Delta R.T.: 0.002 min  
Response: 548928009  
Conc: 52.36 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



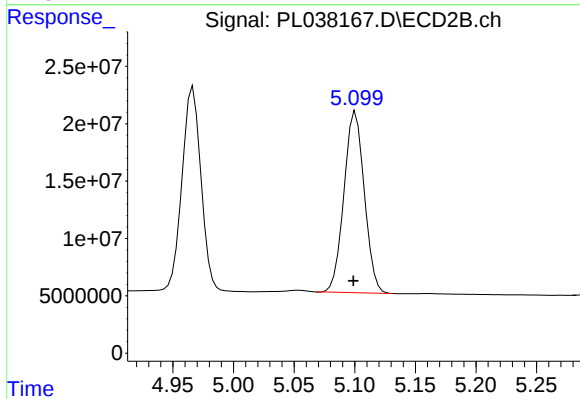
#3 gamma-BHC (Lindane)

R.T.: 4.590 min  
Delta R.T.: 0.002 min  
Response: 199331871  
Conc: 55.19 ng/ml



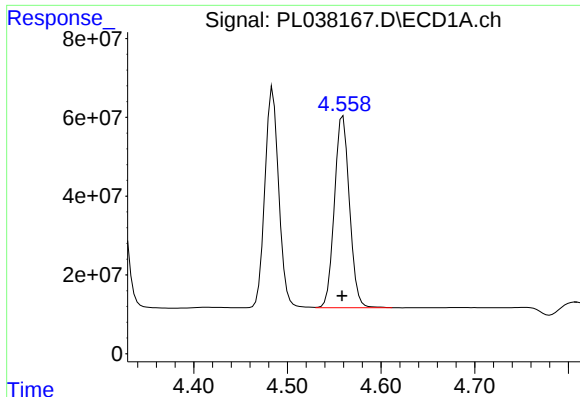
#4 Heptachlor

R.T.: 4.320 min  
Delta R.T.: 0.001 min  
Response: 539728192  
Conc: 50.74 ng/ml



#4 Heptachlor

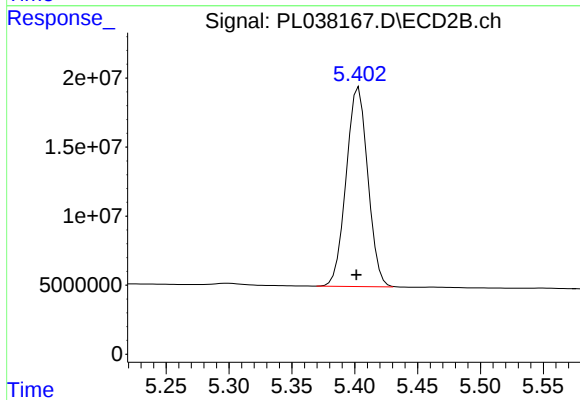
R.T.: 5.101 min  
Delta R.T.: 0.002 min  
Response: 184417158  
Conc: 57.70 ng/ml



#5 Aldrin

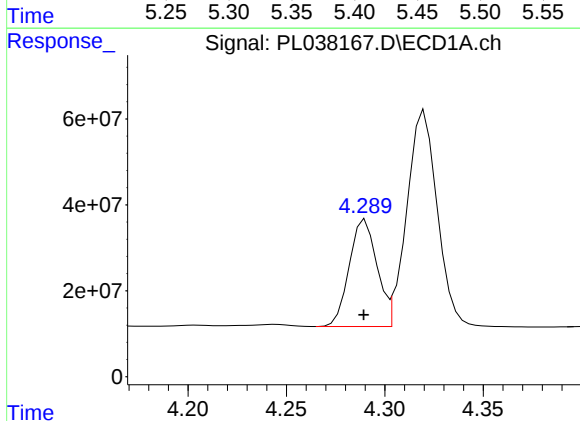
R.T.: 4.559 min  
Delta R.T.: 0.001 min  
Response: 544944314  
Conc: 52.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



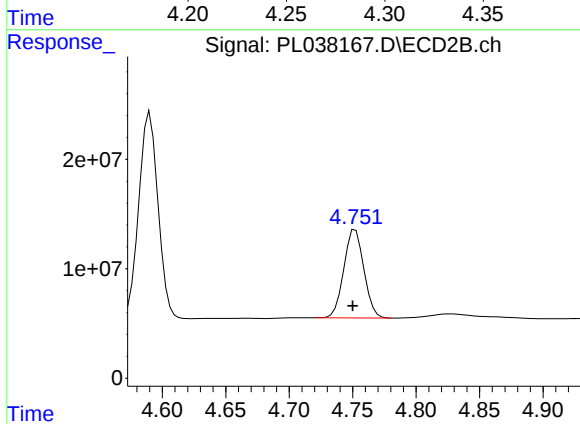
#5 Aldrin

R.T.: 5.403 min  
Delta R.T.: 0.002 min  
Response: 172807103  
Conc: 55.99 ng/ml



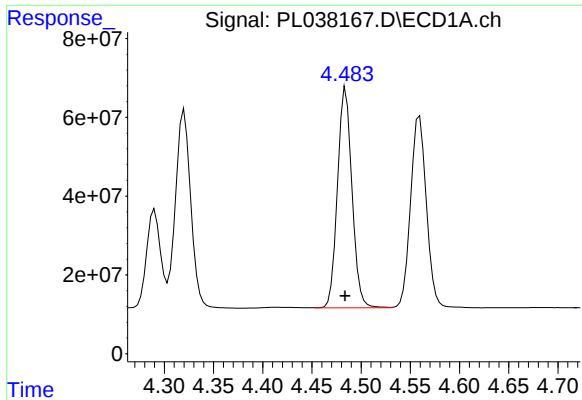
#6 beta-BHC

R.T.: 4.290 min  
Delta R.T.: 0.000 min  
Response: 243767701  
Conc: 51.64 ng/ml



#6 beta-BHC

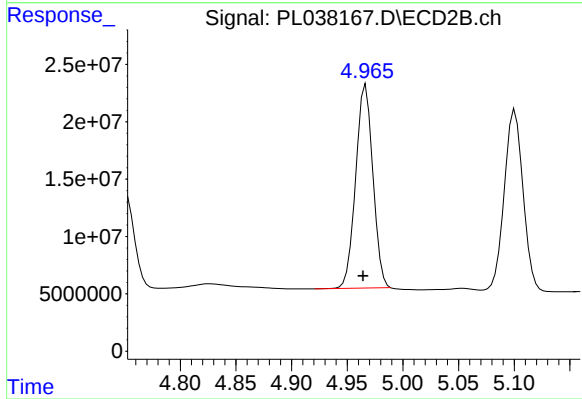
R.T.: 4.752 min  
Delta R.T.: 0.002 min  
Response: 88623361  
Conc: 58.42 ng/ml



#7 delta-BHC

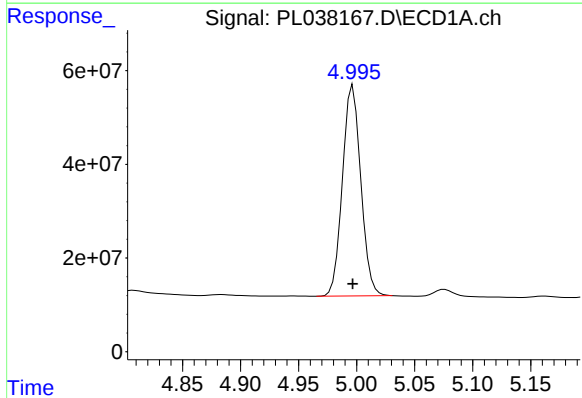
R.T.: 4.484 min  
Delta R.T.: 0.000 min  
Response: 572677324  
Conc: 52.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



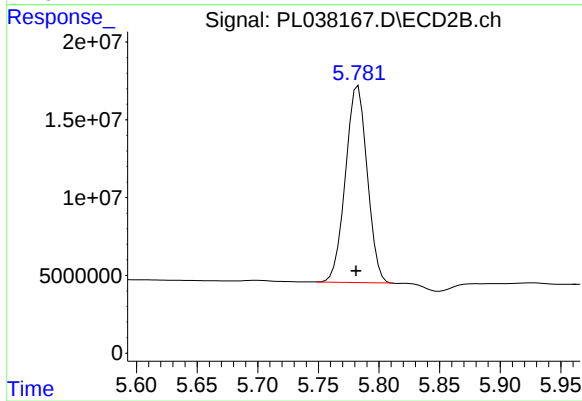
#7 delta-BHC

R.T.: 4.967 min  
Delta R.T.: 0.002 min  
Response: 190763455  
Conc: 57.52 ng/ml



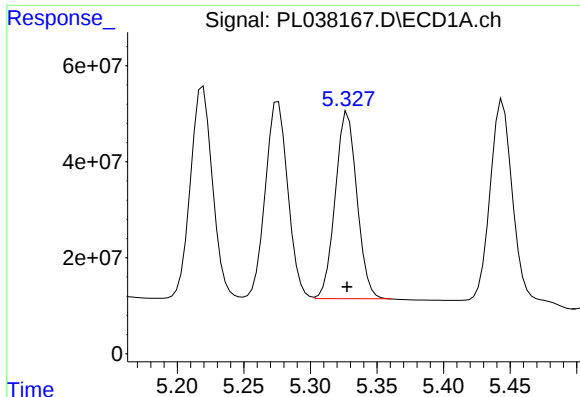
#8 Heptachlor epoxide

R.T.: 4.997 min  
Delta R.T.: 0.000 min  
Response: 495744544  
Conc: 52.58 ng/ml



#8 Heptachlor epoxide

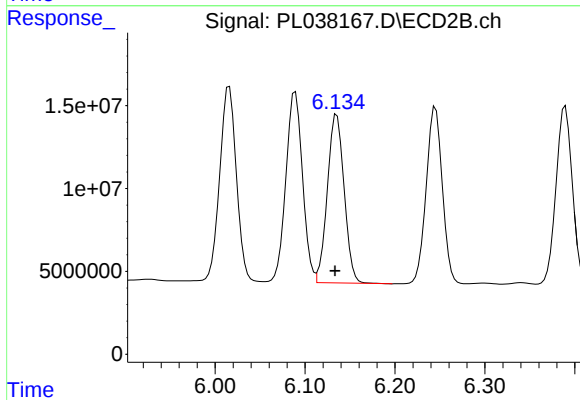
R.T.: 5.783 min  
Delta R.T.: 0.002 min  
Response: 157398276  
Conc: 55.38 ng/ml



#9 Endosulfan I

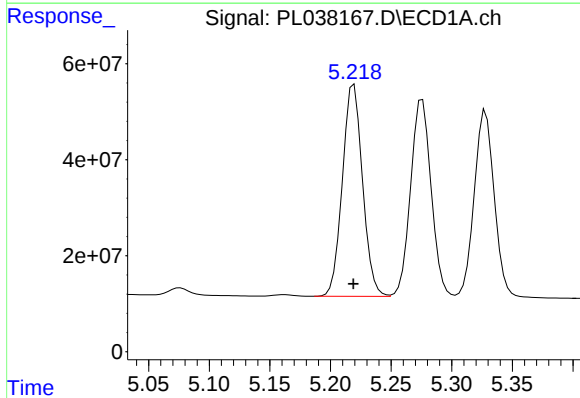
R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 441683146  
Conc: 51.06 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



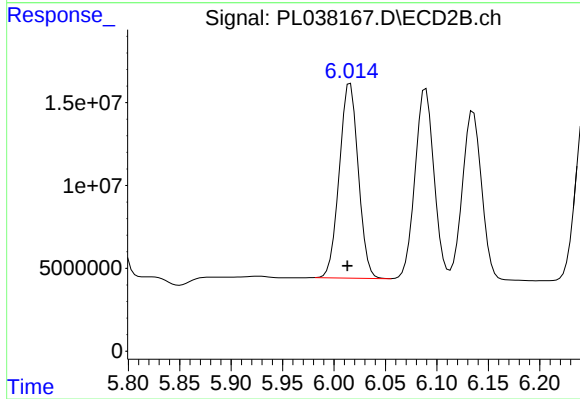
#9 Endosulfan I

R.T.: 6.135 min  
Delta R.T.: 0.002 min  
Response: 132190482  
Conc: 51.40 ng/ml



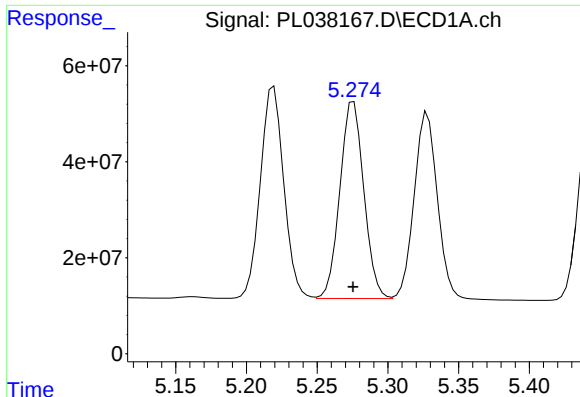
#10 gamma-Chlordane

R.T.: 5.219 min  
Delta R.T.: 0.000 min  
Response: 510132335  
Conc: 51.61 ng/ml



#10 gamma-Chlordane

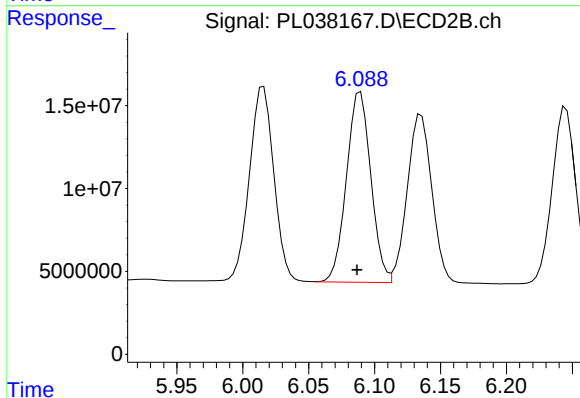
R.T.: 6.016 min  
Delta R.T.: 0.003 min  
Response: 150909927  
Conc: 52.05 ng/ml



#11 alpha-Chlordane

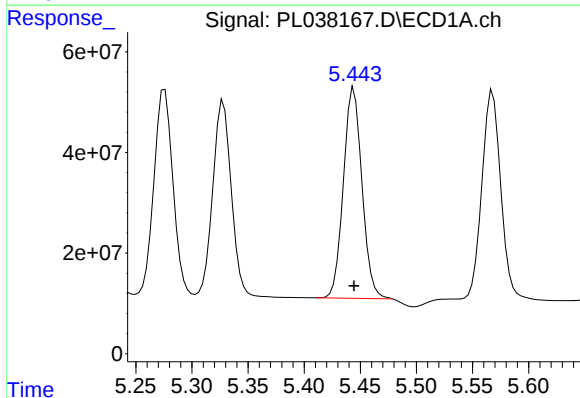
R.T.: 5.276 min  
Delta R.T.: 0.000 min  
Response: 484300871  
Conc: 51.16 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



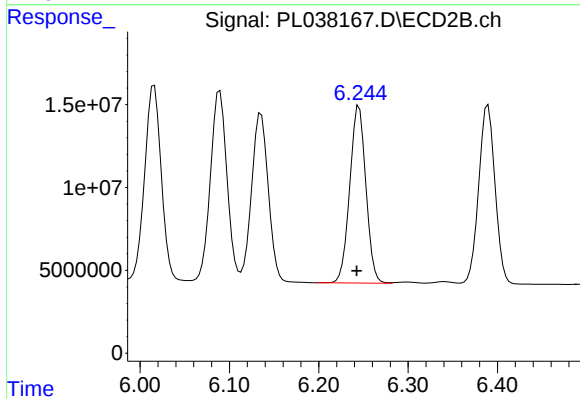
#11 alpha-Chlordane

R.T.: 6.089 min  
Delta R.T.: 0.003 min  
Response: 147637426  
Conc: 51.51 ng/ml



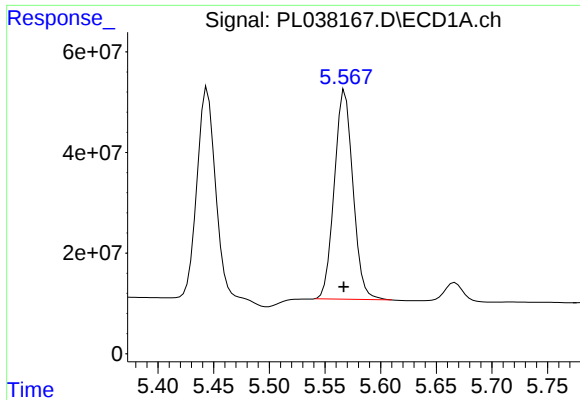
#12 4,4'-DDE

R.T.: 5.444 min  
Delta R.T.: 0.000 min  
Response: 482035526  
Conc: 50.28 ng/ml



#12 4,4'-DDE

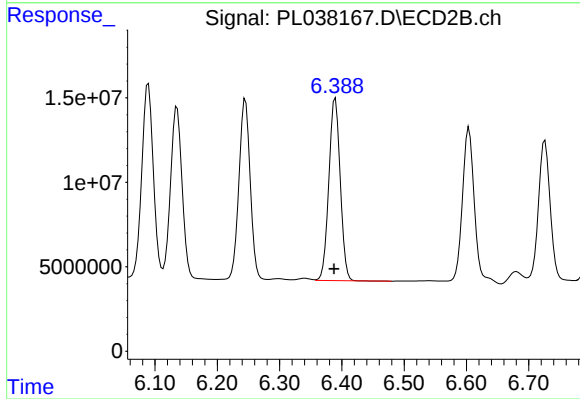
R.T.: 6.245 min  
Delta R.T.: 0.003 min  
Response: 134256111  
Conc: 50.21 ng/ml



#13 Dieldrin

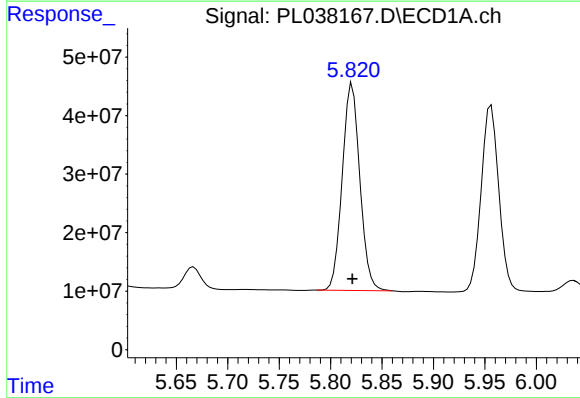
R.T.: 5.568 min  
Delta R.T.: 0.001 min  
Response: 484744573  
Conc: 50.44 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



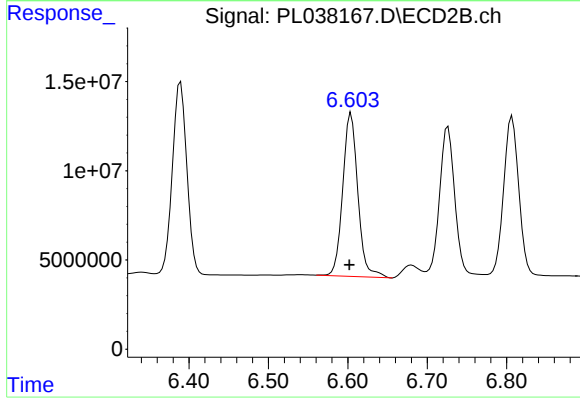
#13 Dieldrin

R.T.: 6.389 min  
Delta R.T.: 0.002 min  
Response: 136996385  
Conc: 50.33 ng/ml



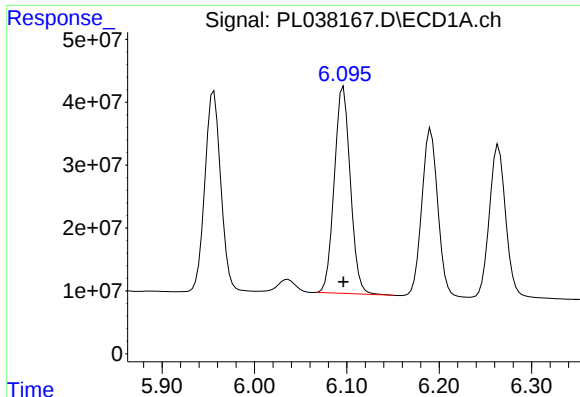
#14 Endrin

R.T.: 5.821 min  
Delta R.T.: 0.000 min  
Response: 421203900  
Conc: 48.48 ng/ml



#14 Endrin

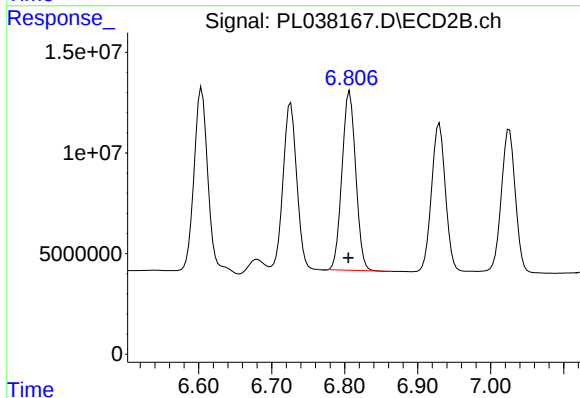
R.T.: 6.604 min  
Delta R.T.: 0.002 min  
Response: 121321241  
Conc: 50.80 ng/ml



#15 Endosulfan II

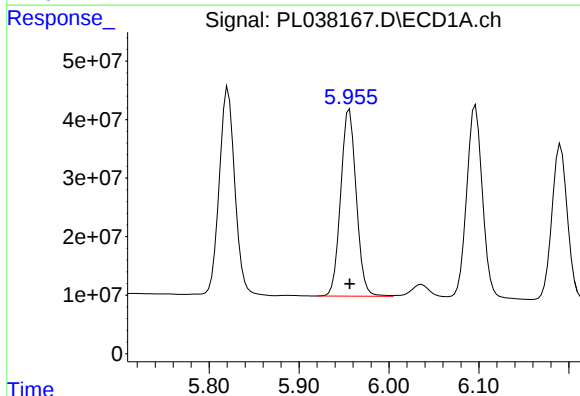
R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 396651023  
Conc: 50.02 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



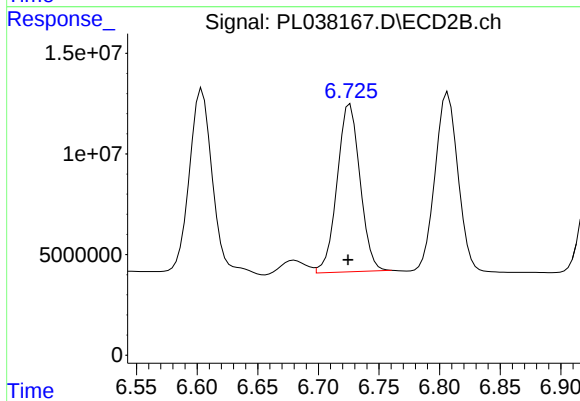
#15 Endosulfan II

R.T.: 6.807 min  
Delta R.T.: 0.002 min  
Response: 116056863  
Conc: 48.33 ng/ml



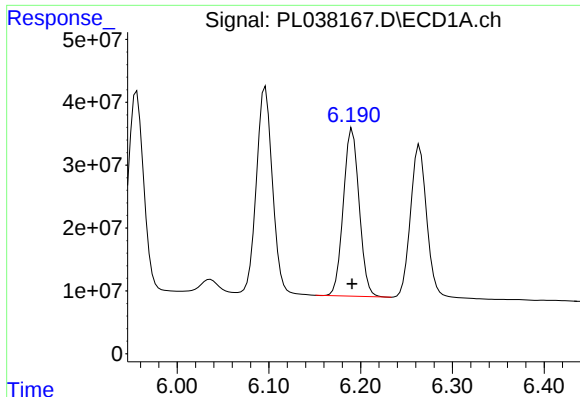
#16 4,4'-DDD

R.T.: 5.956 min  
Delta R.T.: 0.000 min  
Response: 384096896  
Conc: 52.36 ng/ml



#16 4,4'-DDD

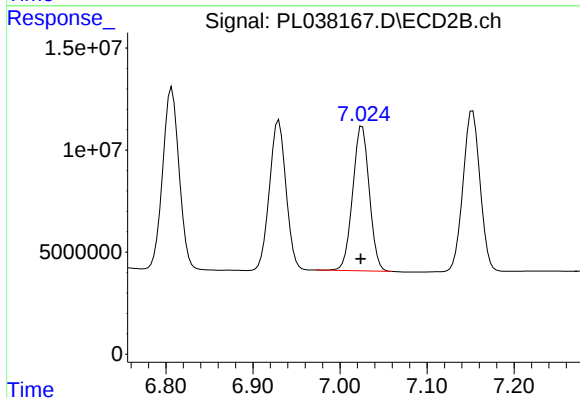
R.T.: 6.726 min  
Delta R.T.: 0.002 min  
Response: 109379656  
Conc: 51.10 ng/ml



#17 4,4'-DDT

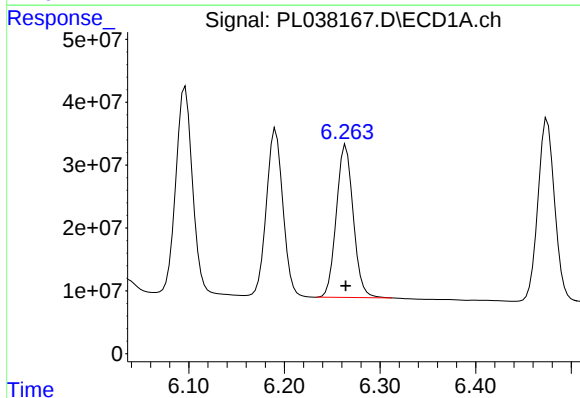
R.T.: 6.191 min  
Delta R.T.: 0.000 min  
Response: 319420331  
Conc: 43.00 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



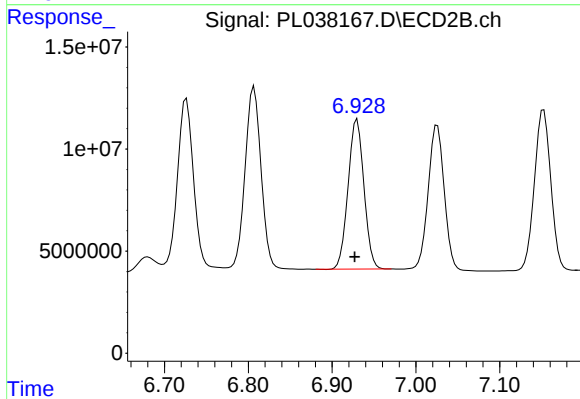
#17 4,4'-DDT

R.T.: 7.026 min  
Delta R.T.: 0.002 min  
Response: 94190998  
Conc: 44.18 ng/ml



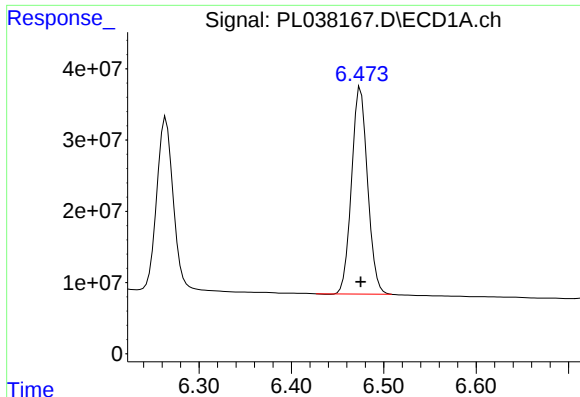
#18 Endrin aldehyde

R.T.: 6.264 min  
Delta R.T.: 0.000 min  
Response: 297289676  
Conc: 46.69 ng/ml



#18 Endrin aldehyde

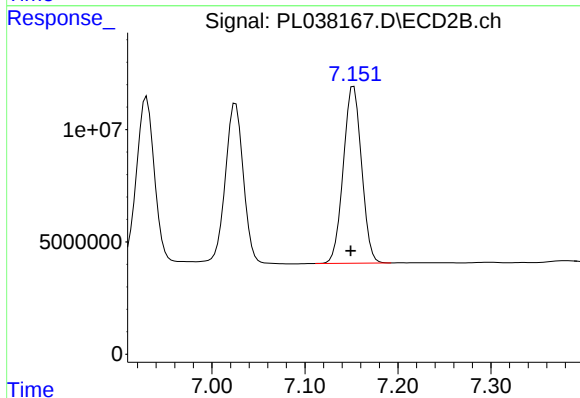
R.T.: 6.930 min  
Delta R.T.: 0.003 min  
Response: 96750834  
Conc: 49.58 ng/ml



#19 Endosulfan Sulfate

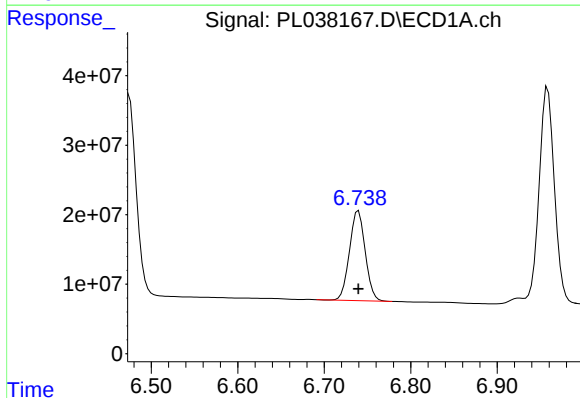
R.T.: 6.475 min  
Delta R.T.: 0.000 min  
Response: 349968328  
Conc: 46.33 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



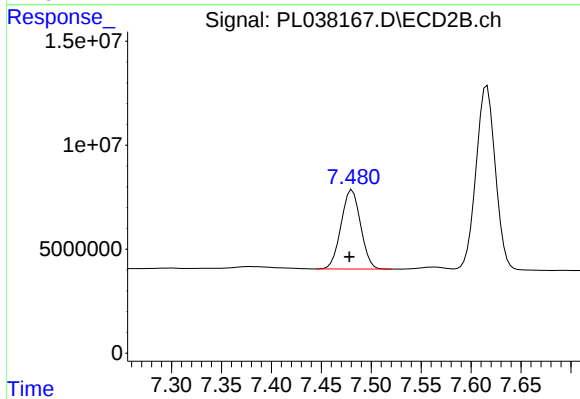
#19 Endosulfan Sulfate

R.T.: 7.152 min  
Delta R.T.: 0.003 min  
Response: 107270716  
Conc: 49.21 ng/ml



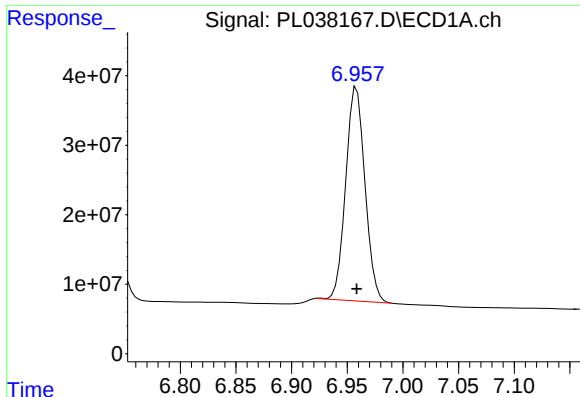
#20 Methoxychlor

R.T.: 6.740 min  
Delta R.T.: 0.000 min  
Response: 163129195  
Conc: 42.40 ng/ml



#20 Methoxychlor

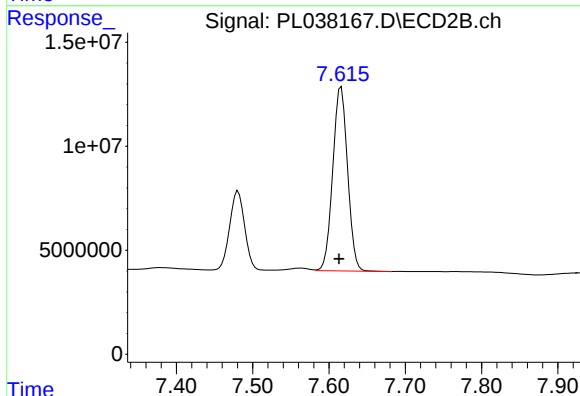
R.T.: 7.481 min  
Delta R.T.: 0.003 min  
Response: 51694492  
Conc: 45.40 ng/ml



#21 Endrin ketone

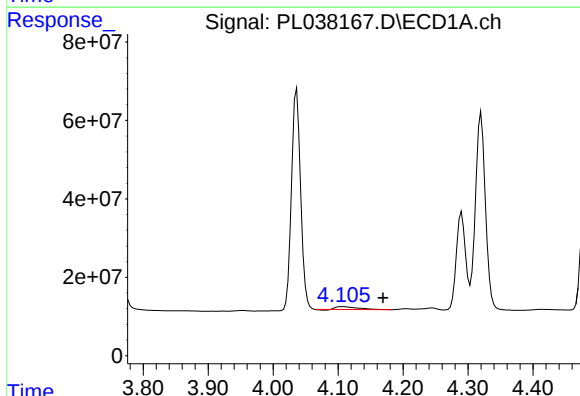
R.T.: 6.958 min  
Delta R.T.: 0.000 min  
Response: 370797021  
Conc: 47.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



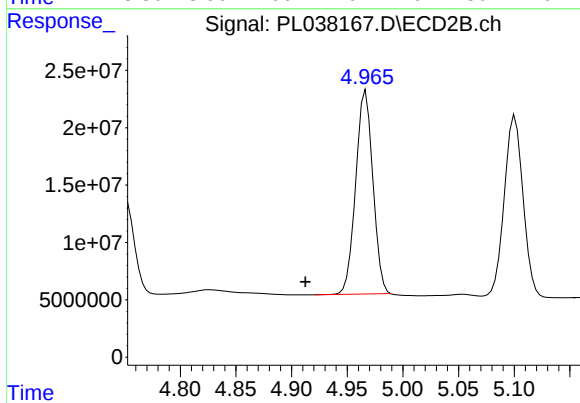
#21 Endrin ketone

R.T.: 7.616 min  
Delta R.T.: 0.003 min  
Response: 119126850  
Conc: 49.98 ng/ml



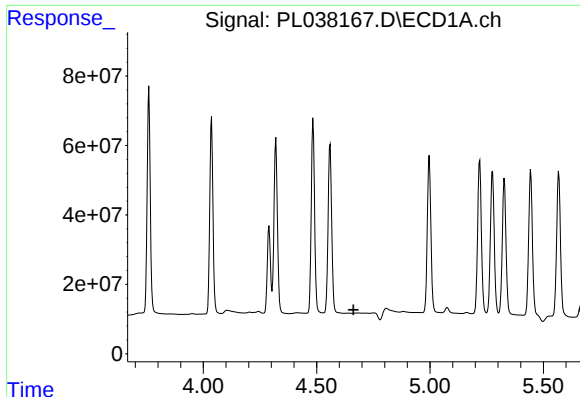
#23 Chlordane-1

R.T.: 4.106 min  
Delta R.T.: -0.063 min  
Response: 16908934  
Conc: 48.83 ng/ml



#23 Chlordane-1

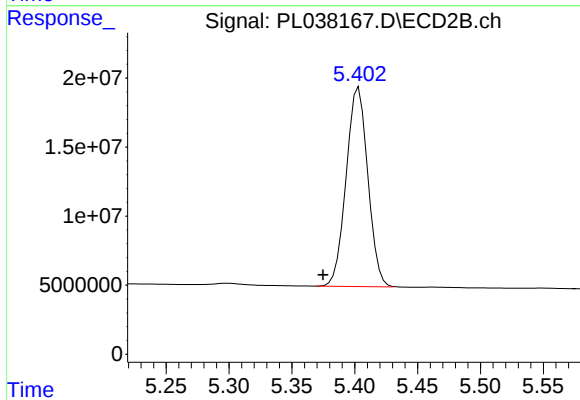
R.T.: 4.967 min  
Delta R.T.: 0.055 min  
Response: 190763455  
Conc: 1646.15 ng/ml



#24 Chlordane-2

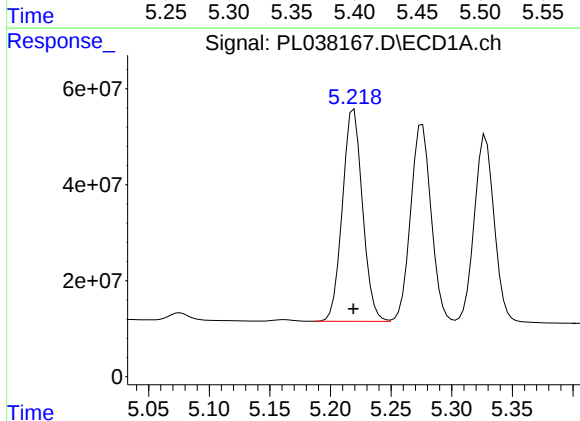
R.T.: 0.000 min  
Exp R.T.: 4.663 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :



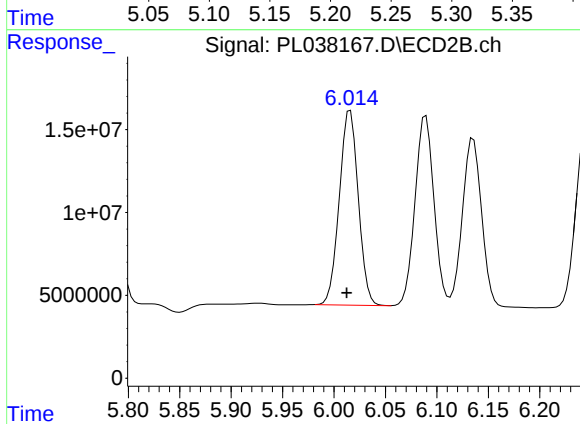
#24 Chlordane-2

R.T.: 5.403 min  
Delta R.T.: 0.028 min  
Response: 172807103  
Conc: 1443.06 ng/ml



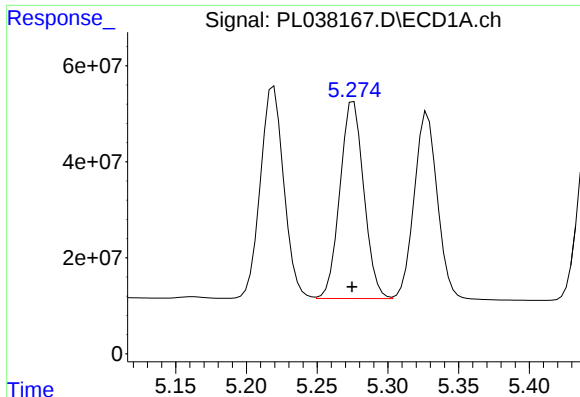
#25 Chlordane-3

R.T.: 5.219 min  
Delta R.T.: 0.000 min  
Response: 510132335  
Conc: 438.51 ng/ml



#25 Chlordane-3

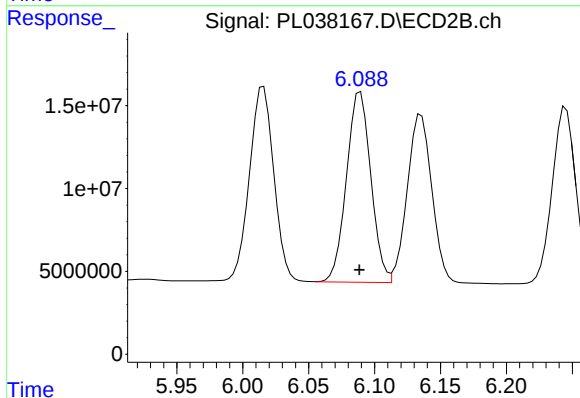
R.T.: 6.016 min  
Delta R.T.: 0.003 min  
Response: 150909927  
Conc: 369.97 ng/ml



#26 Chlordane-4

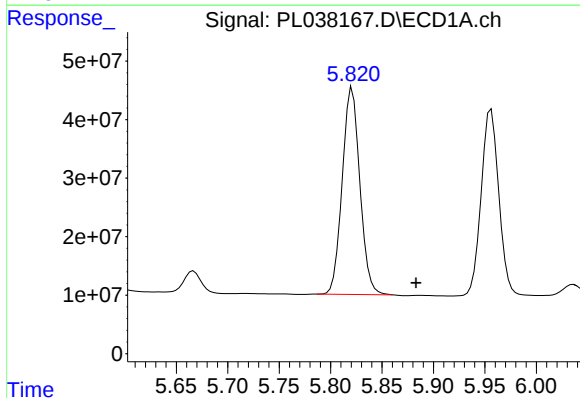
R.T.: 5.276 min  
Delta R.T.: 0.001 min  
Response: 484300871  
Conc: 460.63 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



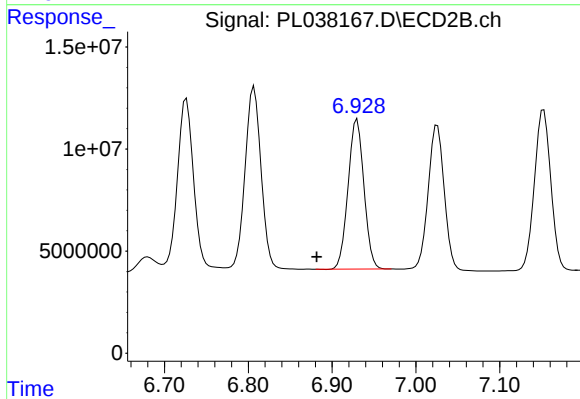
#26 Chlordane-4

R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 147637426  
Conc: 300.50 ng/ml



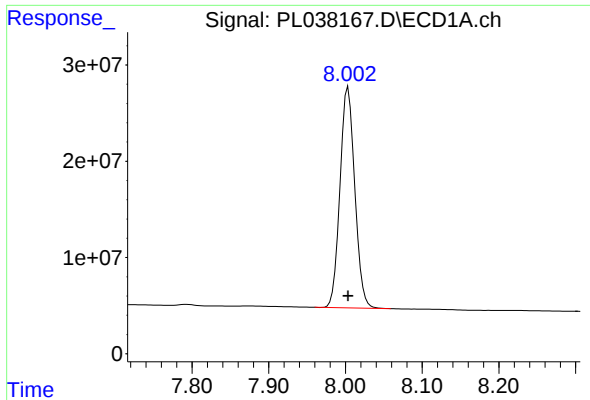
#27 Chlordane-5

R.T.: 5.821 min  
Delta R.T.: -0.062 min  
Response: 421203900  
Conc: 2630.33 ng/ml



#27 Chlordane-5

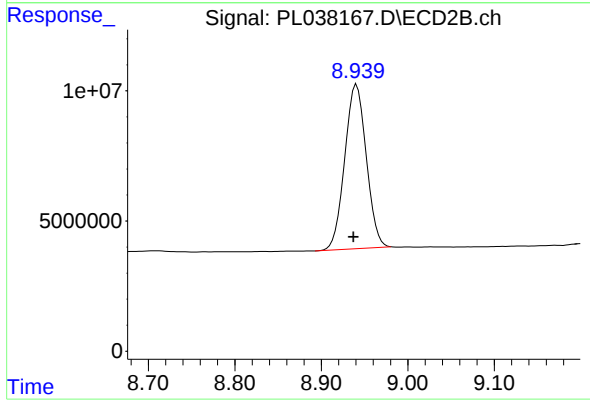
R.T.: 6.930 min  
Delta R.T.: 0.048 min  
Response: 96750834  
Conc: 1080.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.003 min  
Delta R.T.: 0.000 min  
Response: 307837919  
Conc: 40.58 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.941 min  
Delta R.T.: 0.003 min  
Response: 109013712  
Conc: 44.60 ng/ml