

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070218\  
 Data File : PL037626.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jul 2018 23:20  
 Operator : UA\AJ  
 Sample : J3791-01MSD  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ZER-SB-03-11-72MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 03 01:10:06 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 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... | 3.334 | 3.936 | 128.9E6  | 50544202 | 16.294 | 18.269 |
| 2)                          | SA Decachlor... | 8.012 | 8.947 | 80439718 | 25839632 | 13.331 | 13.024 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.764 | 4.315 | 622.4E6  | 233.3E6  | 50.842 | 60.113 |
| 3)                          | MA gamma-BHC... | 4.041 | 4.595 | 565.1E6  | 203.9E6  | 54.784 | 59.048 |
| 4)                          | MA Heptachlor   | 4.326 | 5.106 | 542.2E6  | 184.2E6  | 52.918 | 53.288 |
| 5)                          | MB Aldrin       | 4.565 | 5.409 | 511.0E6  | 164.7E6  | 50.204 | 52.498 |
| 6)                          | B beta-BHC      | 4.295 | 4.756 | 241.5E6  | 88435663 | 52.953 | 54.837 |
| 7)                          | B delta-BHC     | 4.490 | 4.971 | 543.5E6  | 179.6E6  | 51.371 | 63.678 |
| 8)                          | B Heptachlo...  | 5.004 | 5.788 | 472.6E6  | 151.5E6  | 50.451 | 53.146 |
| 9)                          | A Endosulfan I  | 5.336 | 6.141 | 435.2E6  | 137.6E6  | 51.439 | 53.630 |
| 10)                         | B gamma-Chl...  | 5.227 | 6.021 | 475.0E6  | 152.7E6  | 50.717 | 54.221 |
| 11)                         | B alpha-Chl...  | 5.284 | 6.094 | 460.1E6  | 152.0E6  | 50.662 | 52.825 |
| 12)                         | B 4,4'-DDE      | 5.453 | 6.250 | 437.8E6  | 126.8E6  | 49.568 | 49.814 |
| 13)                         | MA Dieldrin     | 5.575 | 6.395 | 450.1E6  | 137.9E6  | 50.838 | 51.650 |
| 14)                         | MA Endrin       | 5.829 | 6.609 | 394.7E6  | 118.2E6  | 50.104 | 51.401 |
| 15)                         | B Endosulfa...  | 6.104 | 6.812 | 353.1E6  | 120.6E6  | 48.020 | 48.640 |
| 16)                         | A 4,4'-DDD      | 5.964 | 6.731 | 312.6E6  | 105.1E6  | 47.607 | 51.209 |
| 17)                         | MA 4,4'-DDT     | 6.199 | 7.030 | 299.1E6  | 99275981 | 46.333 | 46.869 |
| 18)                         | B Endrin al...  | 6.272 | 6.935 | 259.9E6  | 95089717 | 46.541 | 47.255 |
| 19)                         | B Endosulfa...  | 6.483 | 7.157 | 310.4E6  | 106.9E6  | 46.401 | 49.102 |
| 20)                         | A Methoxychlor  | 6.748 | 7.485 | 161.7E6  | 57408579 | 47.570 | 51.288 |
| 21)                         | B Endrin ke...  | 6.966 | 7.621 | 327.5E6  | 111.7E6  | 46.047 | 55.045 |
| -----                       |                 |       |       |          |          |        |        |

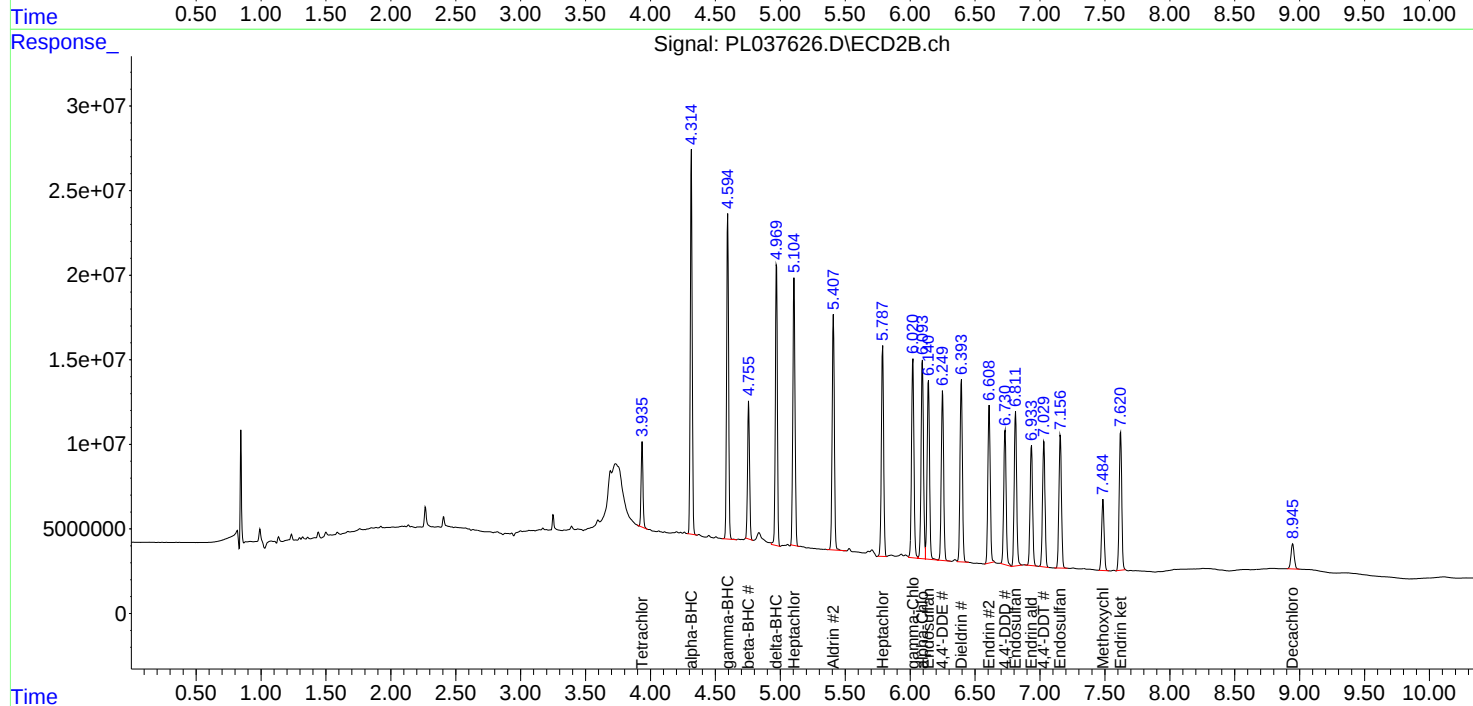
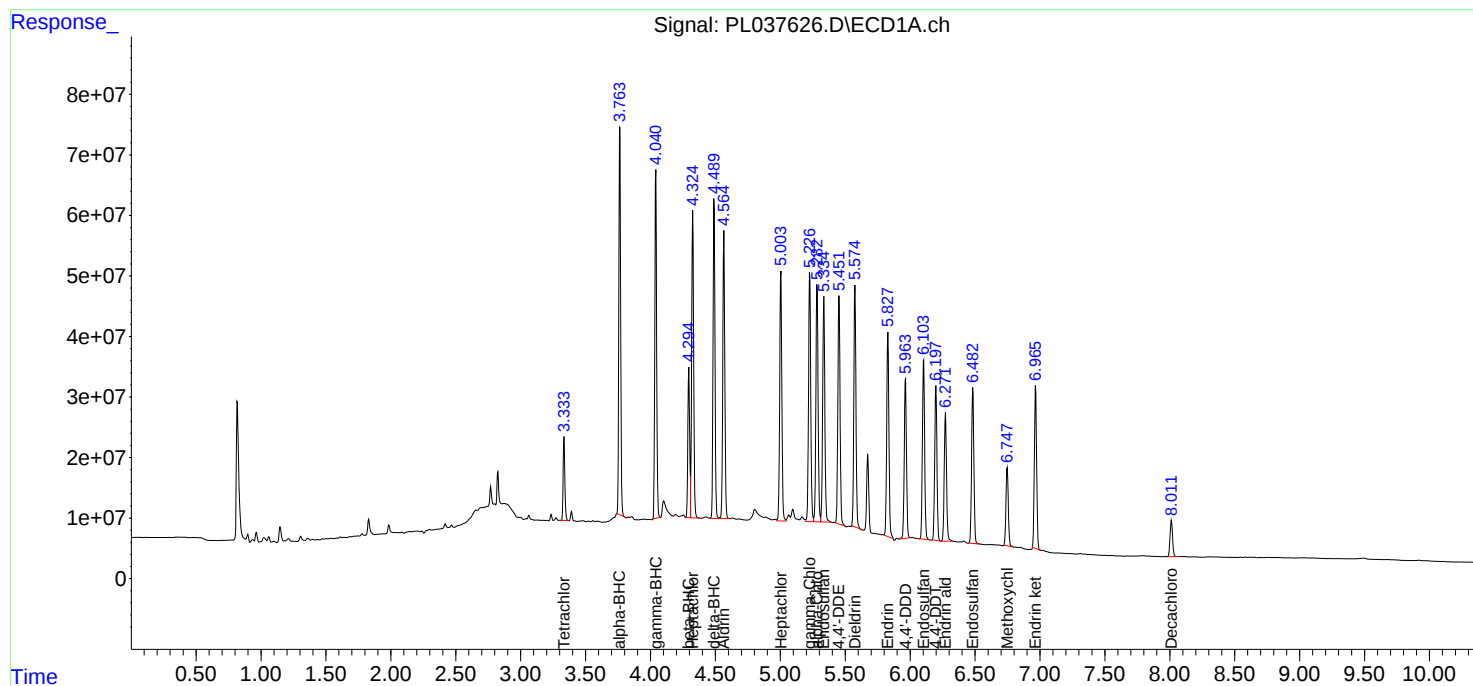
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

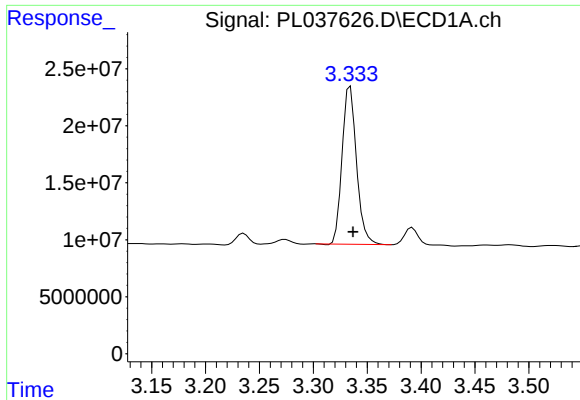
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070218\  
Data File : PL037626.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Jul 2018 23:20  
Operator : UA\AJ  
Sample : J3791-01MSD  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
ZER-SB-03-11-72MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 03 01:10:06 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 2018  
Response via : Initial Calibration  
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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

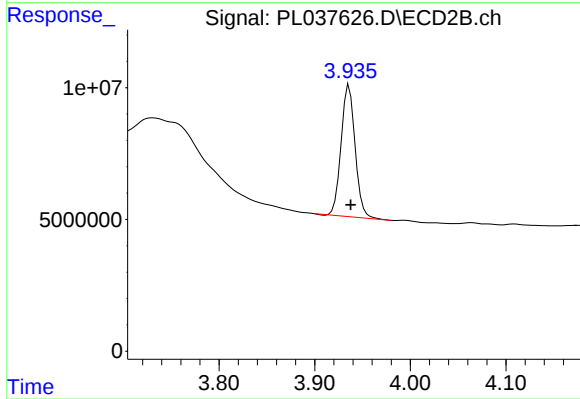




#1 Tetrachloro-m-xylene

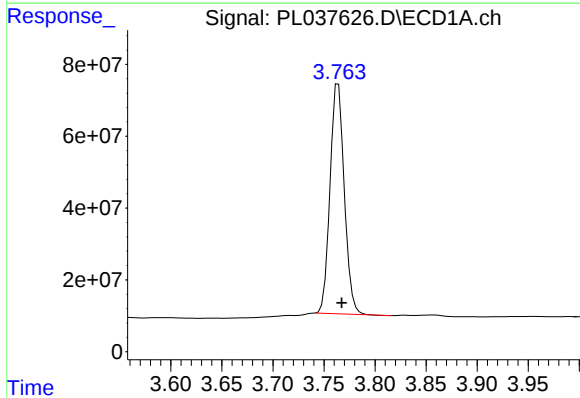
R.T.: 3.334 min  
Delta R.T.: -0.003 min  
Response: 128890281  
Conc: 16.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ZER-SB-03-11-72MSD



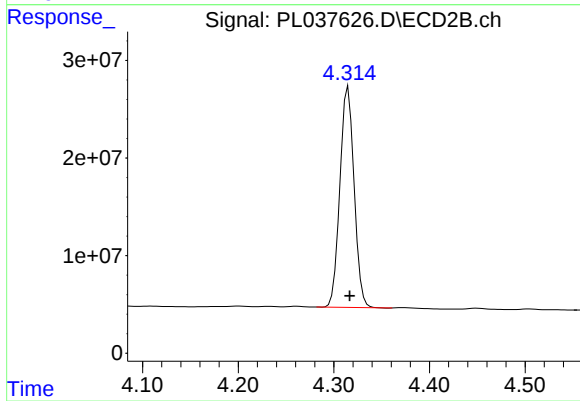
#1 Tetrachloro-m-xylene

R.T.: 3.936 min  
Delta R.T.: -0.002 min  
Response: 50544202  
Conc: 18.27 ng/ml



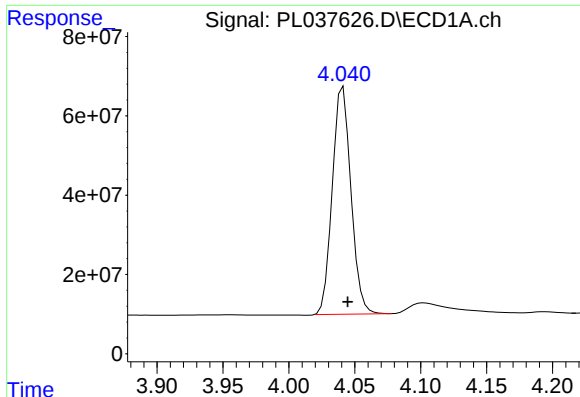
#2 alpha-BHC

R.T.: 3.764 min  
Delta R.T.: -0.004 min  
Response: 622447267  
Conc: 50.84 ng/ml



#2 alpha-BHC

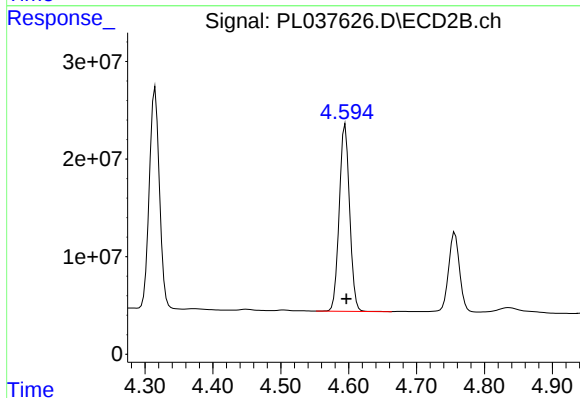
R.T.: 4.315 min  
Delta R.T.: -0.002 min  
Response: 233254205  
Conc: 60.11 ng/ml



#3 gamma-BHC (Lindane)

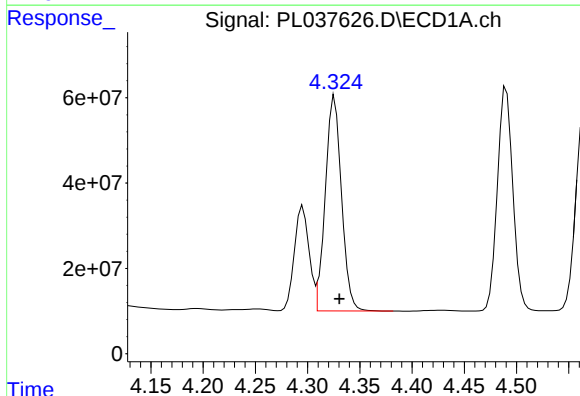
R.T.: 4.041 min  
Delta R.T.: -0.003 min  
Response: 565081223  
Conc: 54.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ZER-SB-03-11-72MSD



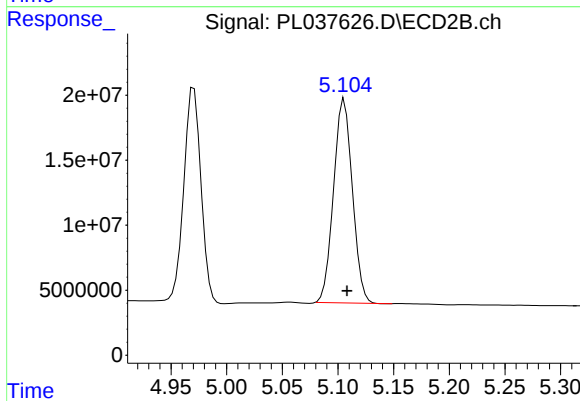
#3 gamma-BHC (Lindane)

R.T.: 4.595 min  
Delta R.T.: -0.002 min  
Response: 203935975  
Conc: 59.05 ng/ml



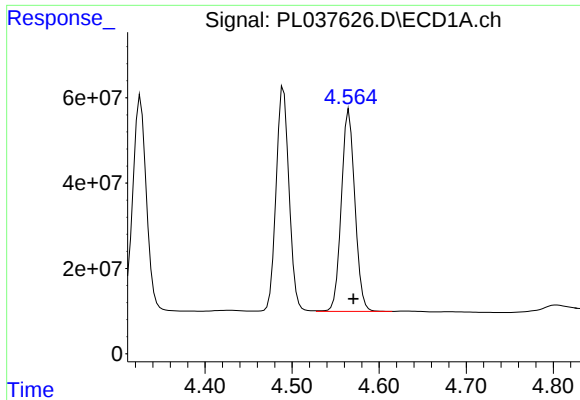
#4 Heptachlor

R.T.: 4.326 min  
Delta R.T.: -0.005 min  
Response: 542164602  
Conc: 52.92 ng/ml



#4 Heptachlor

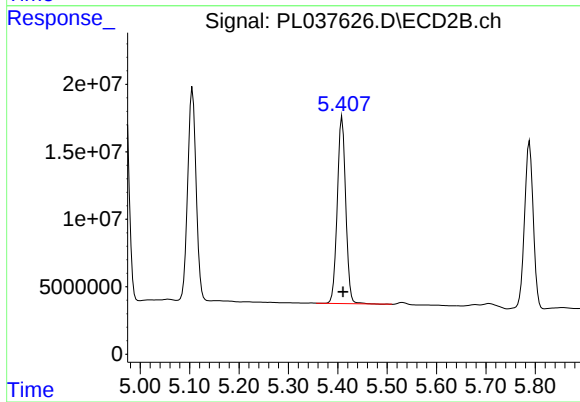
R.T.: 5.106 min  
Delta R.T.: -0.003 min  
Response: 184185546  
Conc: 53.29 ng/ml



#5 Aldrin

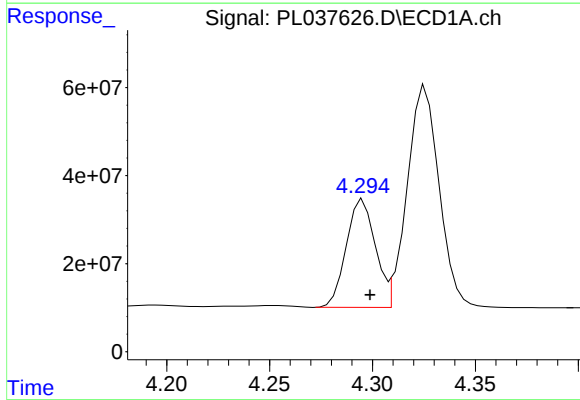
R.T.: 4.565 min  
Delta R.T.: -0.005 min  
Response: 511002743  
Conc: 50.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ZER-SB-03-11-72MSD



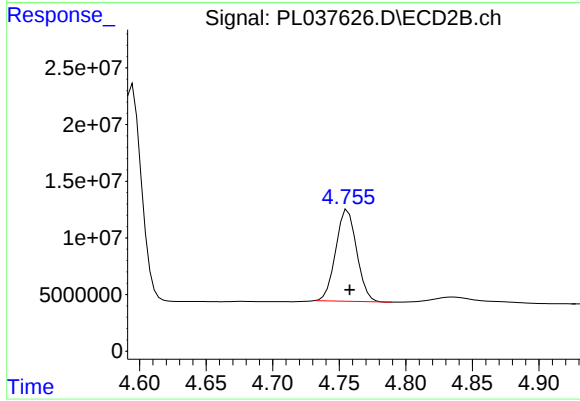
#5 Aldrin

R.T.: 5.409 min  
Delta R.T.: -0.002 min  
Response: 164697156  
Conc: 52.50 ng/ml



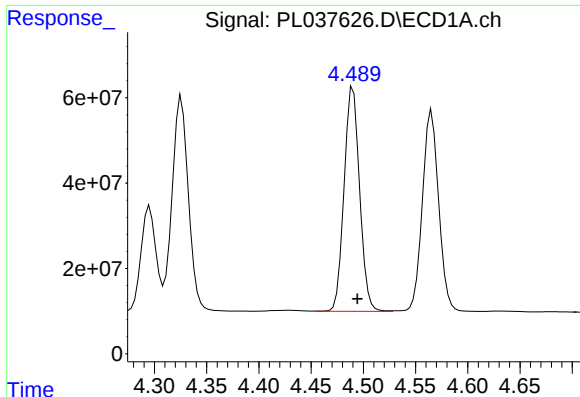
#6 beta-BHC

R.T.: 4.295 min  
Delta R.T.: -0.003 min  
Response: 241512849  
Conc: 52.95 ng/ml



#6 beta-BHC

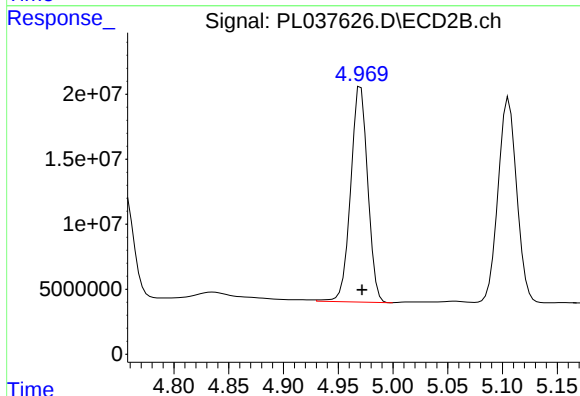
R.T.: 4.756 min  
Delta R.T.: -0.002 min  
Response: 88435663  
Conc: 54.84 ng/ml



#7 delta-BHC

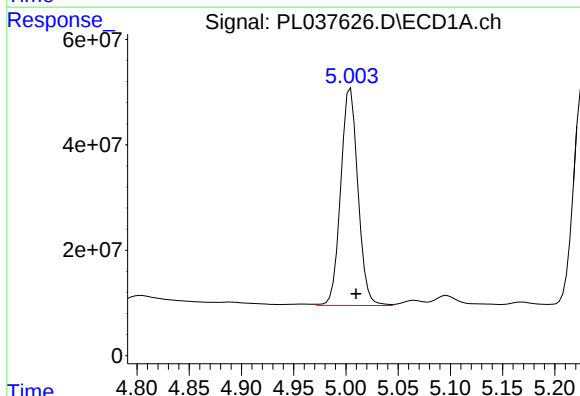
R.T.: 4.490 min  
Delta R.T.: -0.004 min  
Response: 543452812  
Conc: 51.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ZER-SB-03-11-72MSD



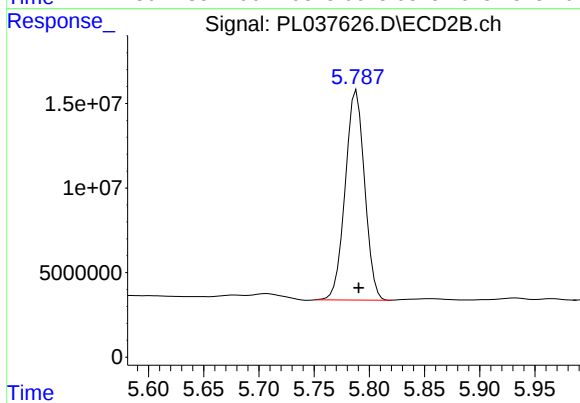
#7 delta-BHC

R.T.: 4.971 min  
Delta R.T.: -0.001 min  
Response: 179588556  
Conc: 63.68 ng/ml



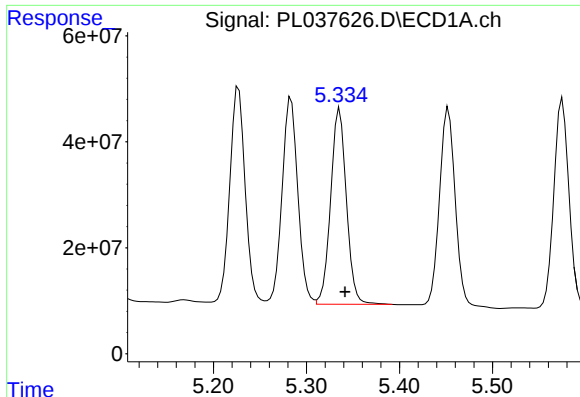
#8 Heptachlor epoxide

R.T.: 5.004 min  
Delta R.T.: -0.005 min  
Response: 472573990  
Conc: 50.45 ng/ml



#8 Heptachlor epoxide

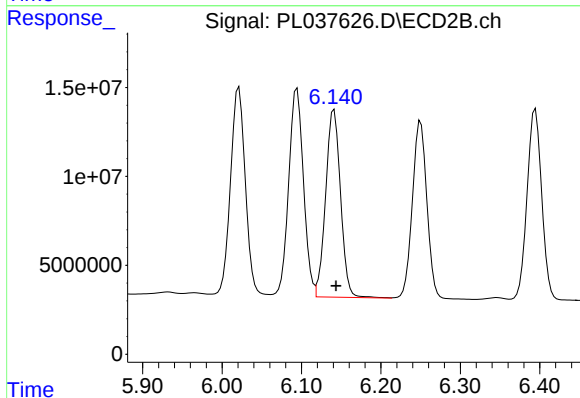
R.T.: 5.788 min  
Delta R.T.: -0.002 min  
Response: 151501537  
Conc: 53.15 ng/ml



#9 Endosulfan I

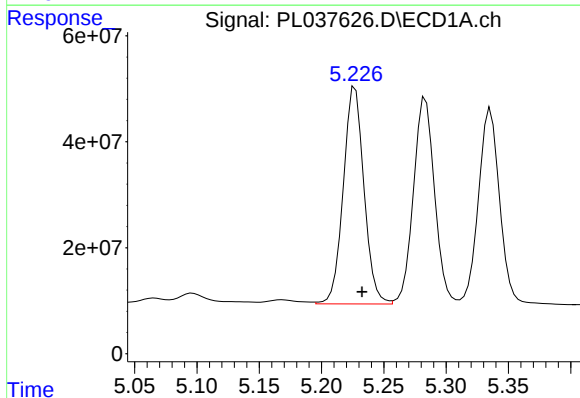
R.T.: 5.336 min  
Delta R.T.: -0.006 min  
Response: 435215122  
Conc: 51.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ZER-SB-03-11-72MSD



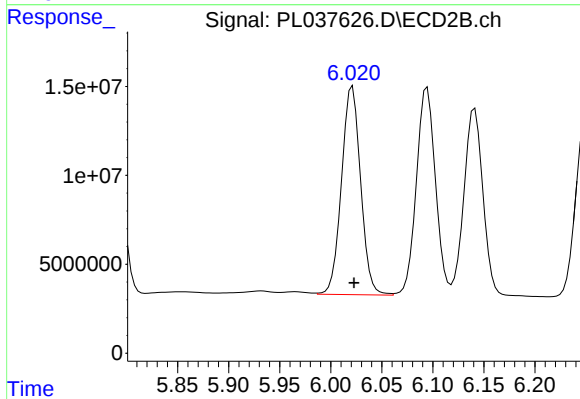
#9 Endosulfan I

R.T.: 6.141 min  
Delta R.T.: -0.002 min  
Response: 137551565  
Conc: 53.63 ng/ml



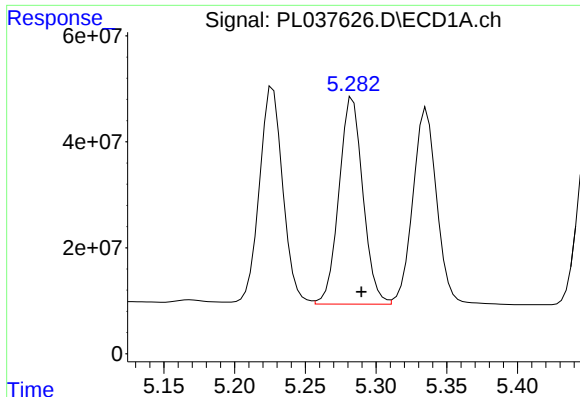
#10 gamma-Chlordane

R.T.: 5.227 min  
Delta R.T.: -0.006 min  
Response: 475029579  
Conc: 50.72 ng/ml



#10 gamma-Chlordane

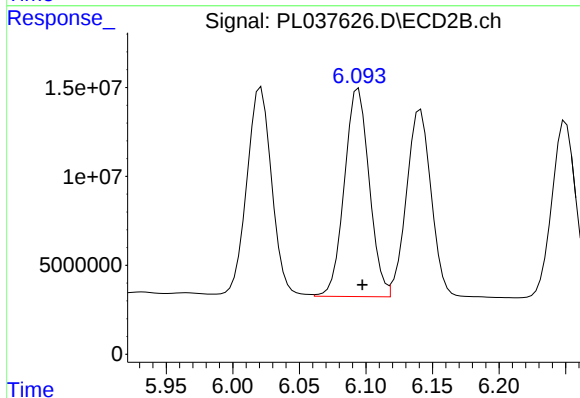
R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 152706970  
Conc: 54.22 ng/ml



#11 alpha-Chlordane

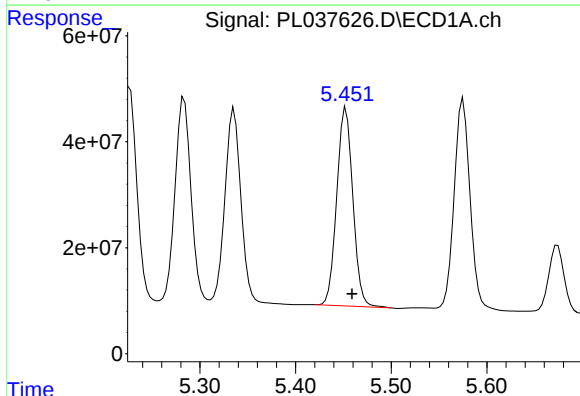
R.T.: 5.284 min  
Delta R.T.: -0.006 min  
Response: 460080786  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ZER-SB-03-11-72MSD



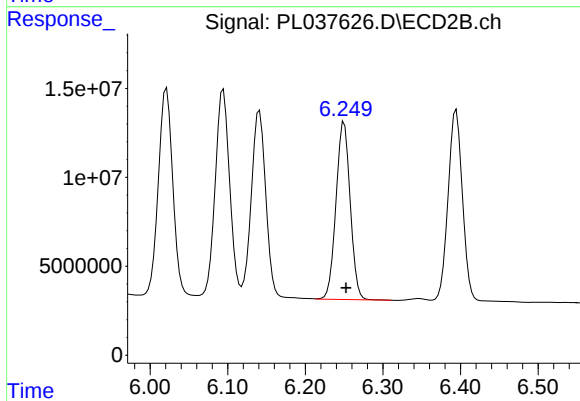
#11 alpha-Chlordane

R.T.: 6.094 min  
Delta R.T.: -0.003 min  
Response: 152044424  
Conc: 52.82 ng/ml



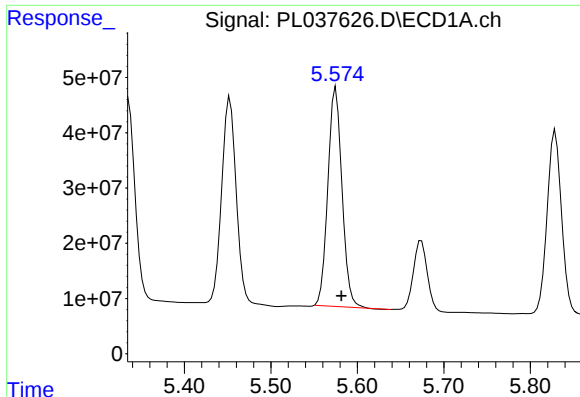
#12 4,4'-DDE

R.T.: 5.453 min  
Delta R.T.: -0.006 min  
Response: 437813102  
Conc: 49.57 ng/ml



#12 4,4'-DDE

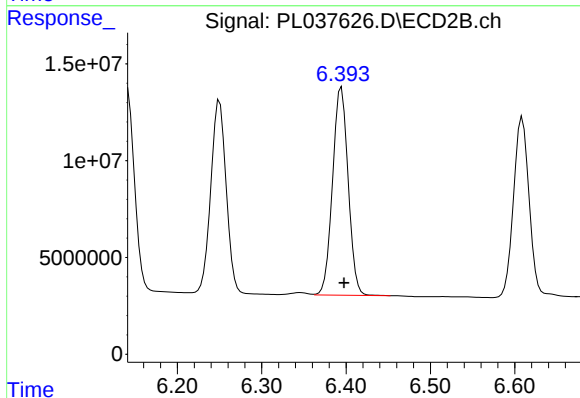
R.T.: 6.250 min  
Delta R.T.: -0.002 min  
Response: 126759511  
Conc: 49.81 ng/ml



#13 Dieldrin

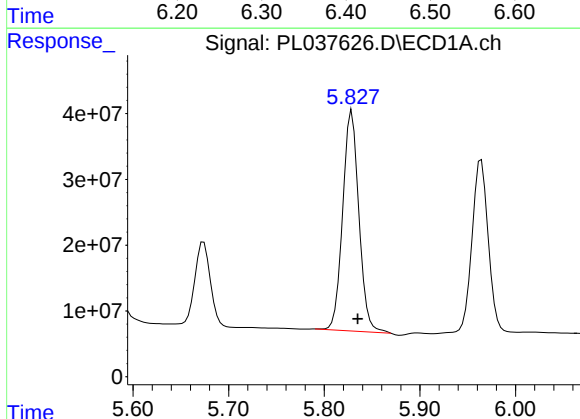
R.T.: 5.575 min  
Delta R.T.: -0.006 min  
Response: 450073335  
Conc: 50.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ZER-SB-03-11-72MSD



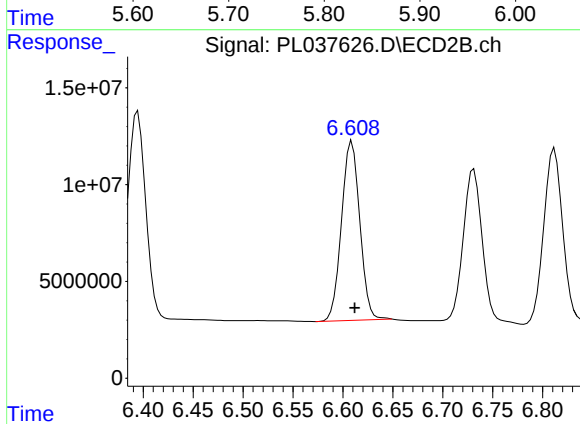
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: -0.003 min  
Response: 137867137  
Conc: 51.65 ng/ml



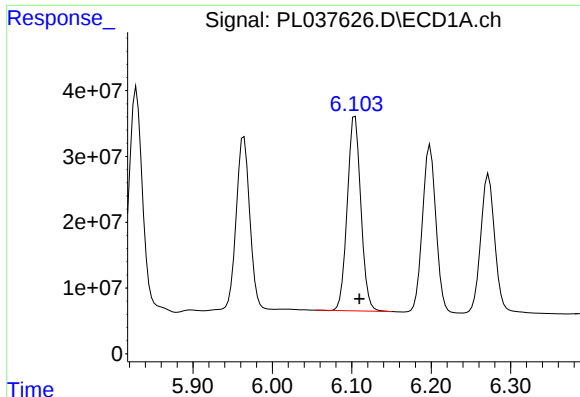
#14 Endrin

R.T.: 5.829 min  
Delta R.T.: -0.006 min  
Response: 394695200  
Conc: 50.10 ng/ml



#14 Endrin

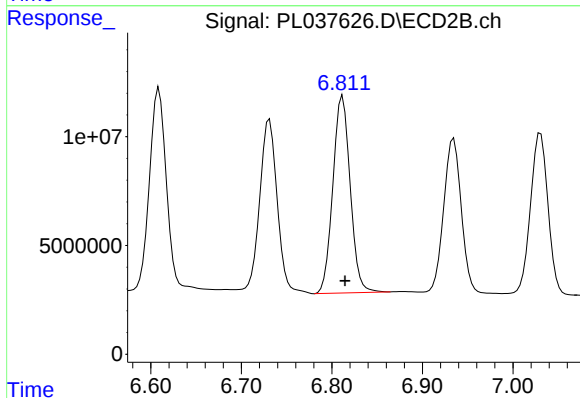
R.T.: 6.609 min  
Delta R.T.: -0.003 min  
Response: 118184984  
Conc: 51.40 ng/ml



#15 Endosulfan II

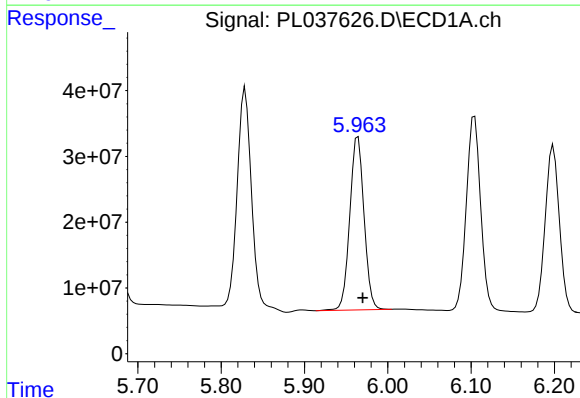
R.T.: 6.104 min  
Delta R.T.: -0.005 min  
Response: 353113437  
Conc: 48.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ZER-SB-03-11-72MSD



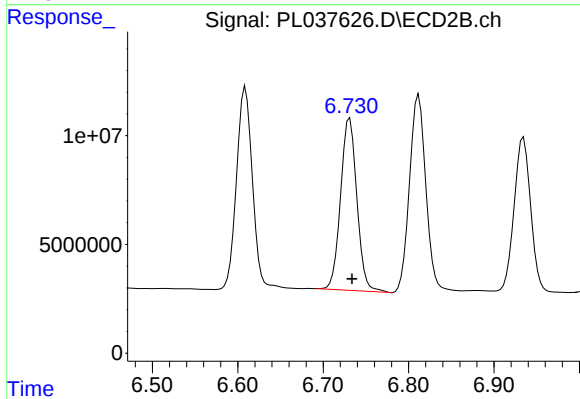
#15 Endosulfan II

R.T.: 6.812 min  
Delta R.T.: -0.002 min  
Response: 120629335  
Conc: 48.64 ng/ml



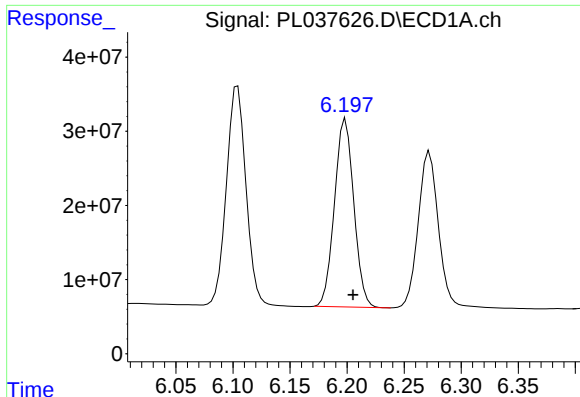
#16 4,4'-DDD

R.T.: 5.964 min  
Delta R.T.: -0.006 min  
Response: 312639164  
Conc: 47.61 ng/ml



#16 4,4'-DDD

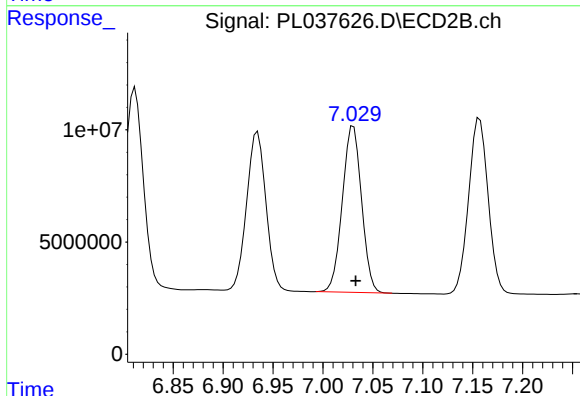
R.T.: 6.731 min  
Delta R.T.: -0.003 min  
Response: 105115383  
Conc: 51.21 ng/ml



#17 4,4'-DDT

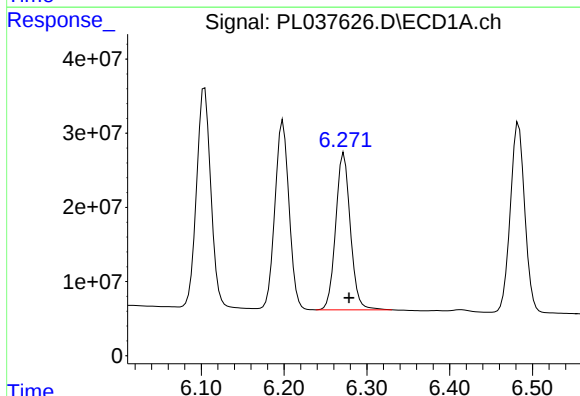
R.T.: 6.199 min  
Delta R.T.: -0.006 min  
Response: 299140463  
Conc: 46.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ZER-SB-03-11-72MSD



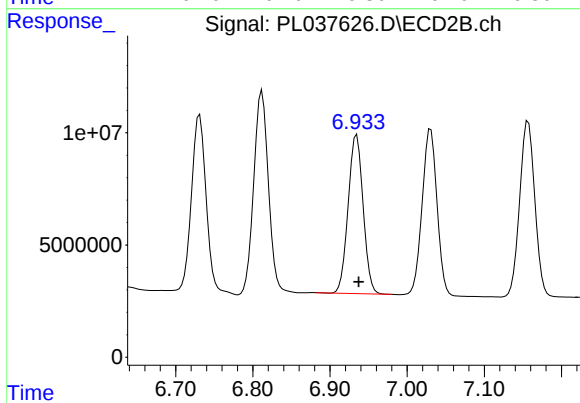
#17 4,4'-DDT

R.T.: 7.030 min  
Delta R.T.: -0.002 min  
Response: 99275981  
Conc: 46.87 ng/ml



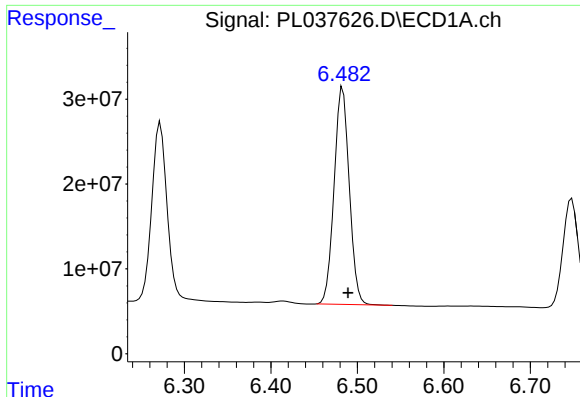
#18 Endrin aldehyde

R.T.: 6.272 min  
Delta R.T.: -0.006 min  
Response: 259906362  
Conc: 46.54 ng/ml



#18 Endrin aldehyde

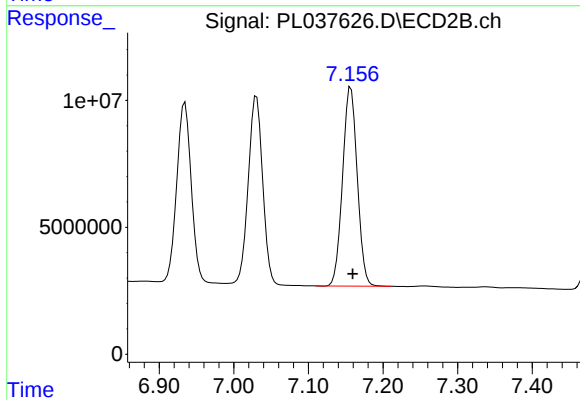
R.T.: 6.935 min  
Delta R.T.: -0.003 min  
Response: 95089717  
Conc: 47.26 ng/ml



#19 Endosulfan Sulfate

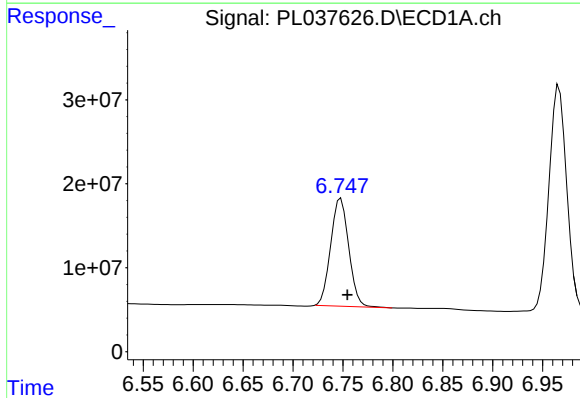
R.T.: 6.483 min  
Delta R.T.: -0.006 min  
Response: 310422823  
Conc: 46.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ZER-SB-03-11-72MSD



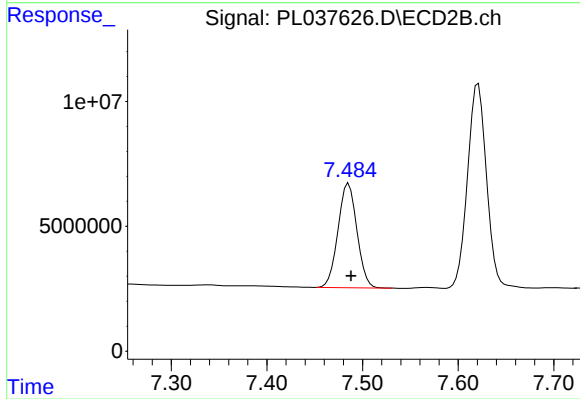
#19 Endosulfan Sulfate

R.T.: 7.157 min  
Delta R.T.: -0.002 min  
Response: 106867121  
Conc: 49.10 ng/ml



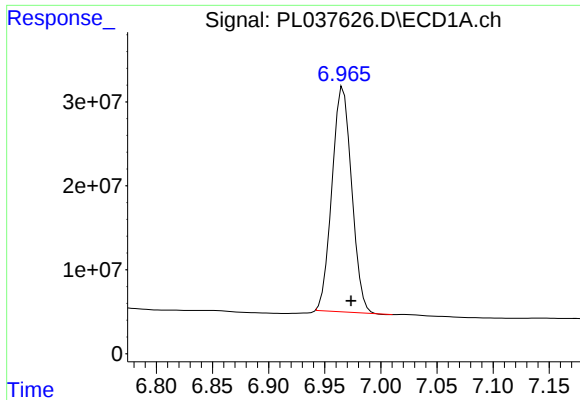
#20 Methoxychlor

R.T.: 6.748 min  
Delta R.T.: -0.007 min  
Response: 161691816  
Conc: 47.57 ng/ml



#20 Methoxychlor

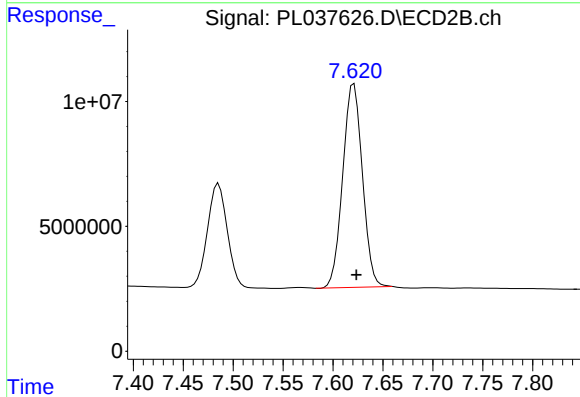
R.T.: 7.485 min  
Delta R.T.: -0.002 min  
Response: 57408579  
Conc: 51.29 ng/ml



#21 Endrin ketone

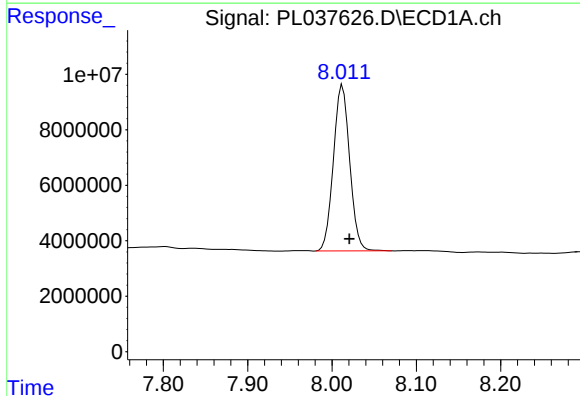
R.T.: 6.966 min  
Delta R.T.: -0.007 min  
Response: 327472168  
Conc: 46.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ZER-SB-03-11-72MSD



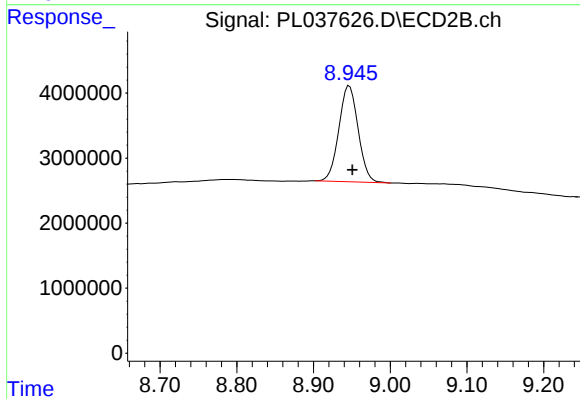
#21 Endrin ketone

R.T.: 7.621 min  
Delta R.T.: -0.002 min  
Response: 111723549  
Conc: 55.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.012 min  
Delta R.T.: -0.008 min  
Response: 80439718  
Conc: 13.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.947 min  
Delta R.T.: -0.004 min  
Response: 25839632  
Conc: 13.02 ng/ml