

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111621\  
 Data File : PL071007.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Nov 2021 13:45  
 Operator : AR\AJ  
 Sample : M4701-01MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OR-03-111521MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 17 03:44:41 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 04 19:28:07 2021  
 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... | 4.567  | 5.501  | 8843316  | 21899136 | 18.055 | 17.368 |
| 2)                          | SA Decachlor... | 10.329 | 11.391 | 7645369  | 15697922 | 11.189 | 11.738 |
| Target Compounds            |                 |        |        |          |          |        |        |
| 2)                          | A alpha-BHC     | 5.273  | 6.082  | 31702131 | 86059825 | 47.359 | 46.751 |
| 3)                          | MA gamma-BHC... | 5.696  | 6.477  | 31548780 | 79369378 | 47.033 | 45.771 |
| 4)                          | MA Heptachlor   | 6.103  | 7.124  | 30653346 | 71918489 | 42.722 | 44.277 |
| 5)                          | MB Aldrin       | 6.427  | 7.494  | 29700287 | 69489897 | 46.445 | 42.794 |
| 6)                          | B beta-BHC      | 6.078  | 6.734  | 14510625 | 37469515 | 44.671 | 43.731 |
| 7)                          | B delta-BHC     | 6.337  | 7.000  | 30507168 | 76326345 | 46.096 | 45.643 |
| 8)                          | B Heptachlo...  | 7.004  | 7.961  | 29017092 | 61514204 | 44.631 | 40.359 |
| 9)                          | A Endosulfan I  | 7.406  | 8.365  | 28876922 | 55256756 | 47.141 | 38.410 |
| 10)                         | B gamma-Chl...  | 7.281  | 8.230  | 29768712 | 62021843 | 44.844 | 40.057 |
| 11)                         | B alpha-Chl...  | 7.350  | 8.310  | 29536568 | 59569861 | 44.325 | 39.166 |
| 12)                         | B 4,4'-DDE      | 7.566  | 8.500  | 25519647 | 55093109 | 43.801 | 37.338 |
| 13)                         | MA Dieldrin     | 7.692  | 8.655  | 28402789 | 57702054 | 45.502 | 39.600 |
| 14)                         | MA Endrin       | 7.983  | 8.893  | 27369241 | 47565066 | 48.273 | 41.065 |
| 15)                         | B Endosulfa...  | 8.294  | 9.128  | 23661692 | 45454766 | 39.088 | 37.217 |
| 16)                         | A 4,4'-DDD      | 8.152  | 9.040  | 22524457 | 45721635 | 44.331 | 37.993 |
| 17)                         | MA 4,4'-DDT     | 8.412  | 9.356  | 21136151 | 43531346 | 38.431 | 34.506 |
| 18)                         | B Endrin al...  | 8.483  | 9.263  | 17612518 | 34318918 | 38.767 | 35.488 |
| 19)                         | B Endosulfa...  | 8.714  | 9.500  | 24411291 | 46798191 | 39.572 | 37.759 |
| 20)                         | A Methoxychlor  | 9.008  | 9.843  | 13442682 | 22366877 | 36.745 | 33.048 |
| 21)                         | B Endrin ke...  | 9.232  | 9.996  | 26802990 | 49112014 | 37.484 | 34.213 |
| 22)                         | Mirex           | 9.415  | 10.461 | 22668646 | 40804304 | 36.911 | 39.174 |
| -----                       |                 |        |        |          |          |        |        |

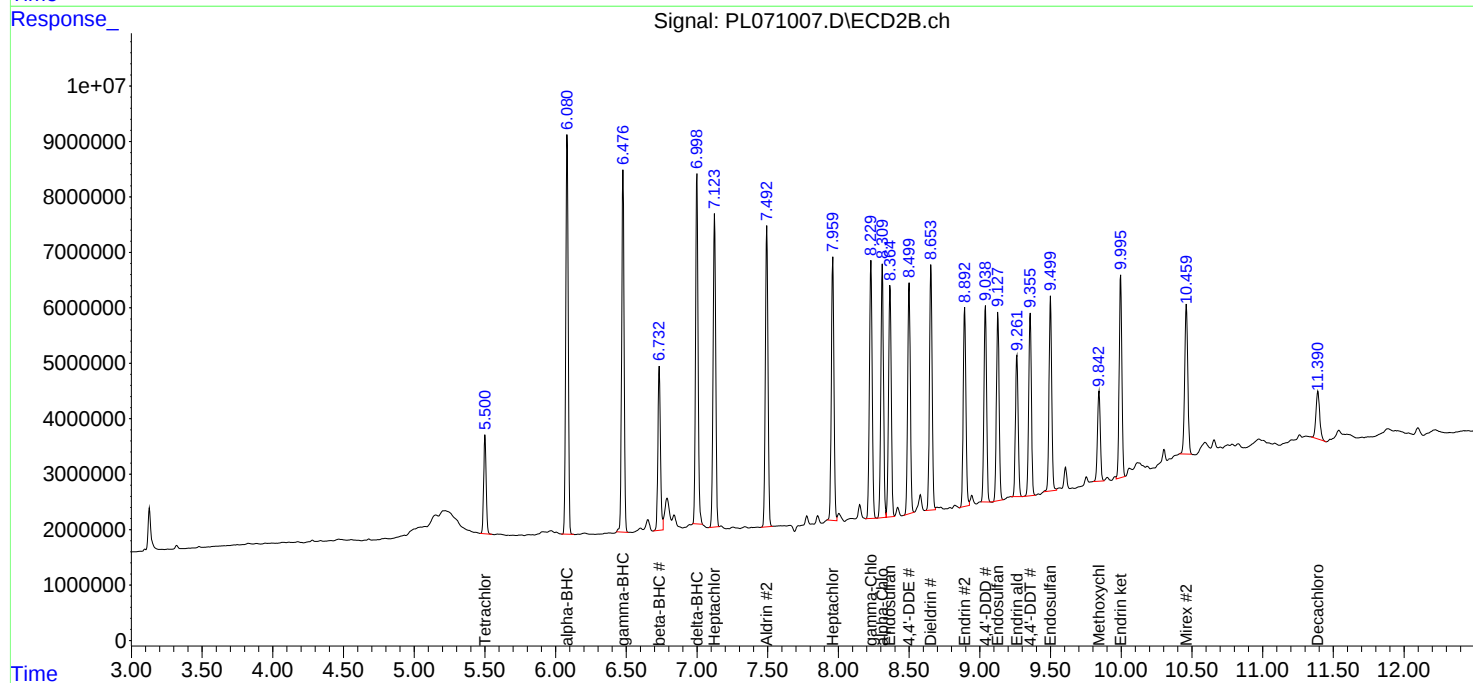
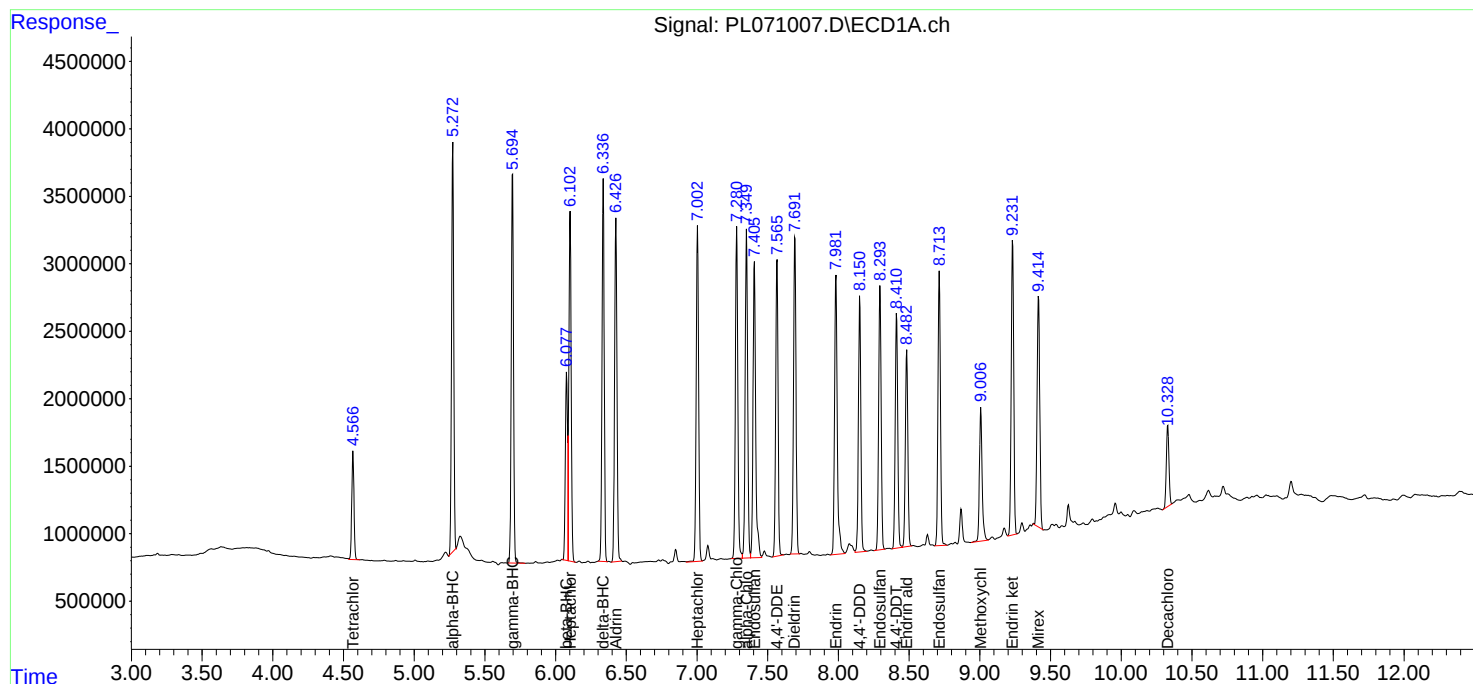
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

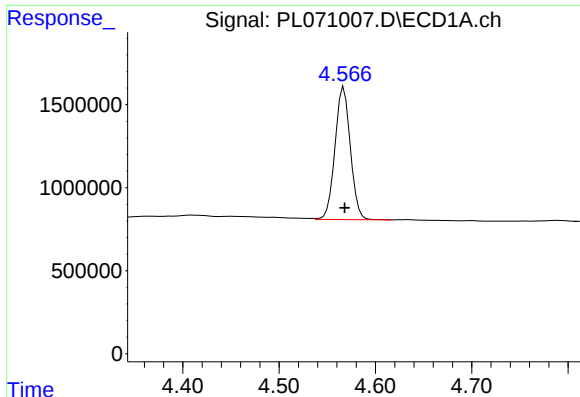
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111621\  
Data File : PL071007.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Nov 2021 13:45  
Operator : AR\AJ  
Sample : M4701-01MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-111521MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 17 03:44:41 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 04 19:28:07 2021  
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

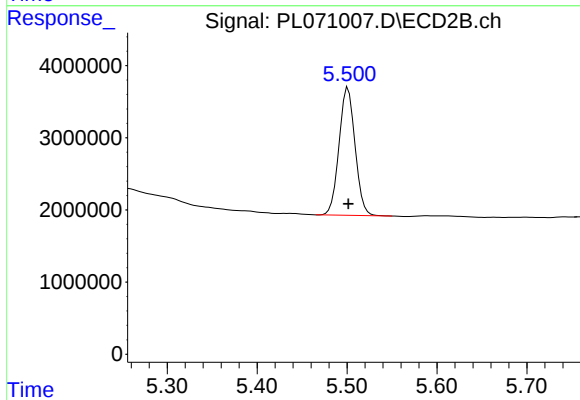




#1 Tetrachloro-m-xylene

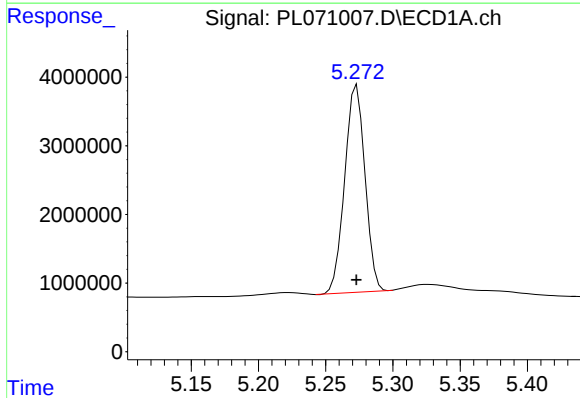
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 8843316  
Conc: 18.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-111521MSD



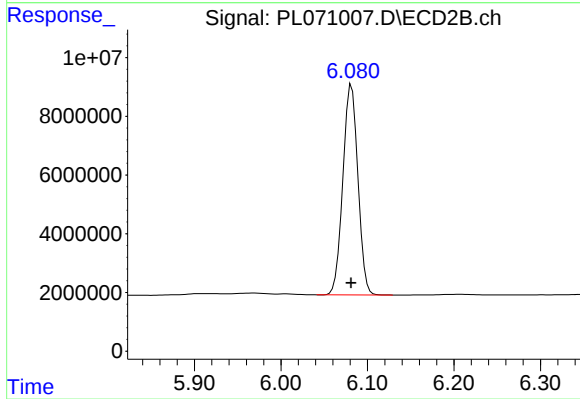
#1 Tetrachloro-m-xylene

R.T.: 5.501 min  
Delta R.T.: 0.000 min  
Response: 21899136  
Conc: 17.37 ng/ml



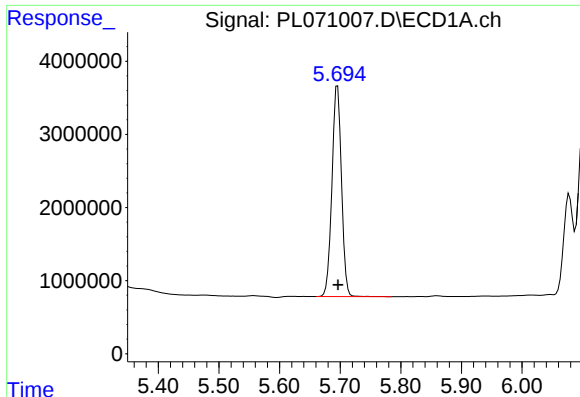
#2 alpha-BHC

R.T.: 5.273 min  
Delta R.T.: 0.000 min  
Response: 31702131  
Conc: 47.36 ng/ml



#2 alpha-BHC

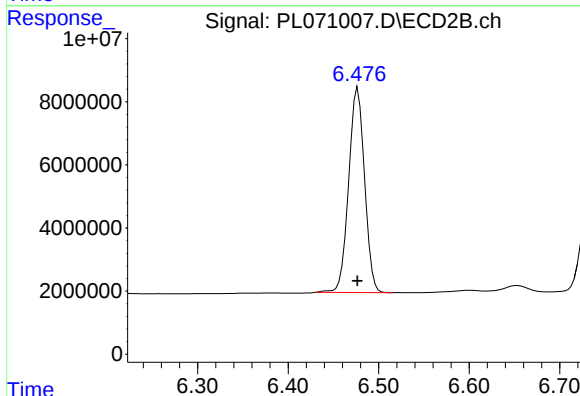
R.T.: 6.082 min  
Delta R.T.: 0.000 min  
Response: 86059825  
Conc: 46.75 ng/ml



#3 gamma-BHC (Lindane)

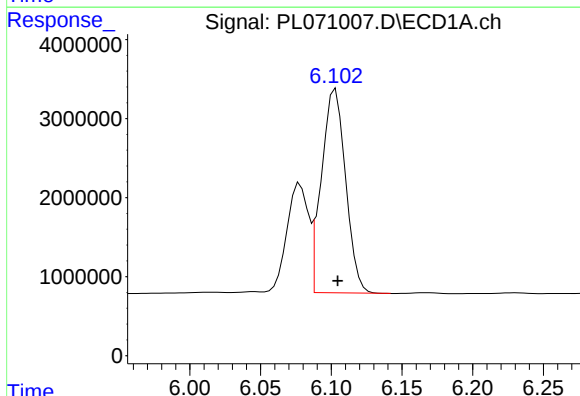
R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 31548780  
Conc: 47.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-111521MSD



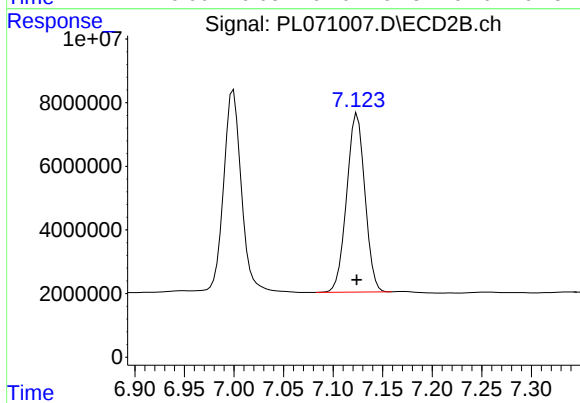
#3 gamma-BHC (Lindane)

R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 79369378  
Conc: 45.77 ng/ml



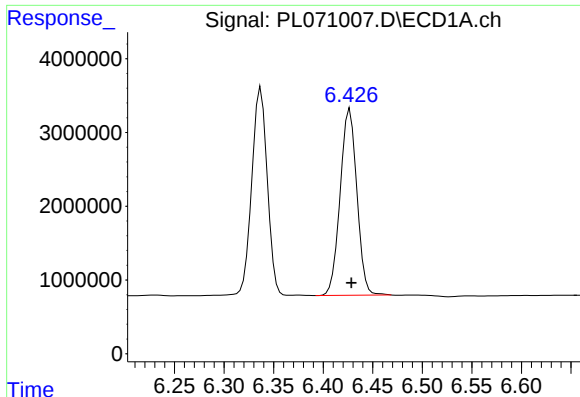
#4 Heptachlor

R.T.: 6.103 min  
Delta R.T.: -0.002 min  
Response: 30653346  
Conc: 42.72 ng/ml



#4 Heptachlor

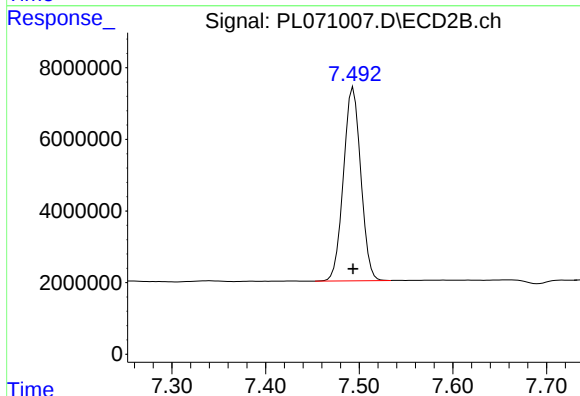
R.T.: 7.124 min  
Delta R.T.: 0.000 min  
Response: 71918489  
Conc: 44.28 ng/ml



#5 Aldrin

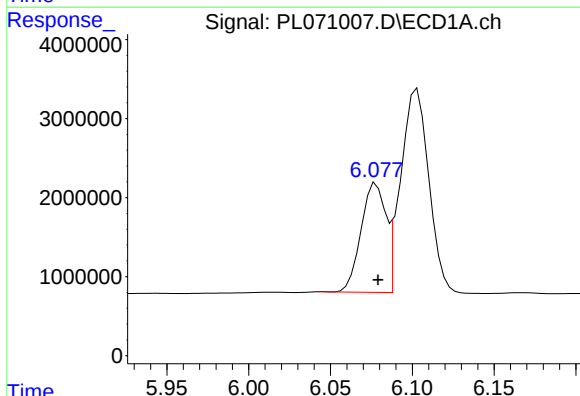
R.T.: 6.427 min  
Delta R.T.: -0.001 min  
Response: 29700287  
Conc: 46.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-111521MSD



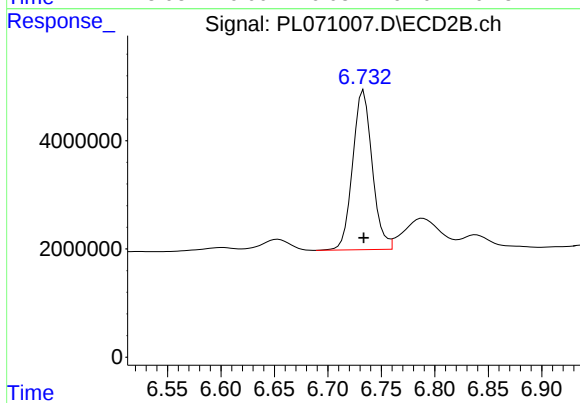
#5 Aldrin

R.T.: 7.494 min  
Delta R.T.: 0.000 min  
Response: 69489897  
Conc: 42.79 ng/ml



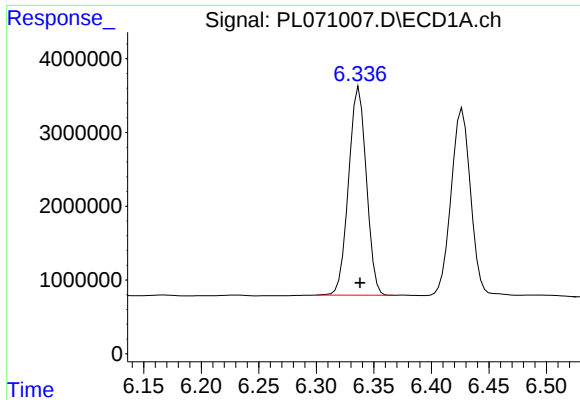
#6 beta-BHC

R.T.: 6.078 min  
Delta R.T.: -0.001 min  
Response: 14510625  
Conc: 44.67 ng/ml



#6 beta-BHC

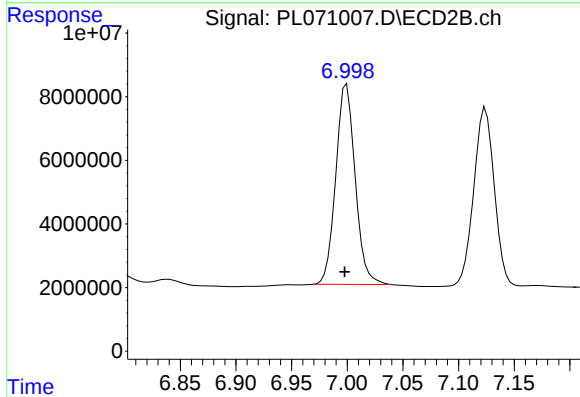
R.T.: 6.734 min  
Delta R.T.: 0.000 min  
Response: 37469515  
Conc: 43.73 ng/ml



#7 delta-BHC

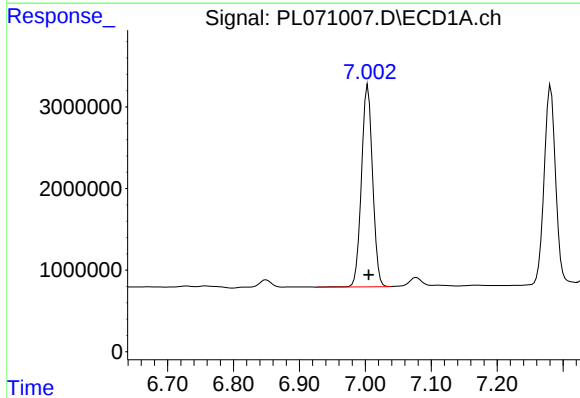
R.T.: 6.337 min  
Delta R.T.: 0.000 min  
Response: 30507168  
Conc: 46.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-111521MSD



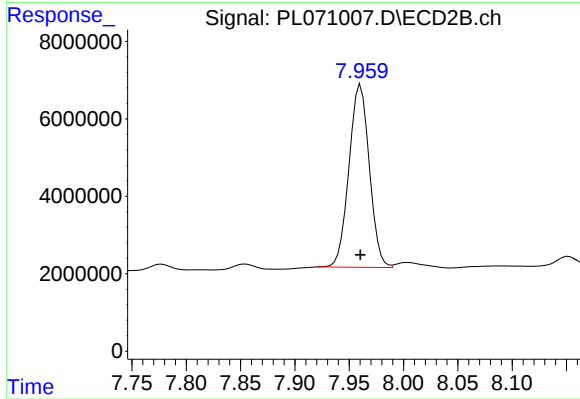
#7 delta-BHC

R.T.: 7.000 min  
Delta R.T.: 0.002 min  
Response: 76326345  
Conc: 45.64 ng/ml



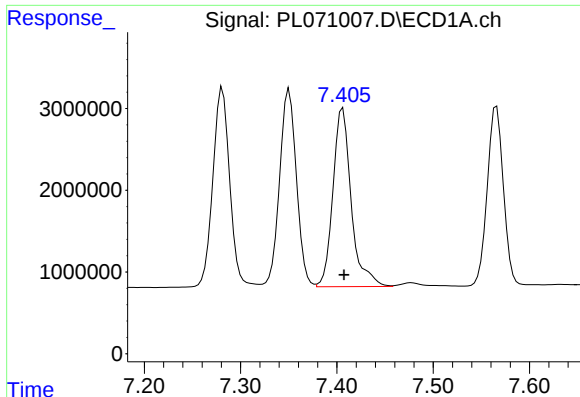
#8 Heptachlor epoxide

R.T.: 7.004 min  
Delta R.T.: -0.001 min  
Response: 29017092  
Conc: 44.63 ng/ml



#8 Heptachlor epoxide

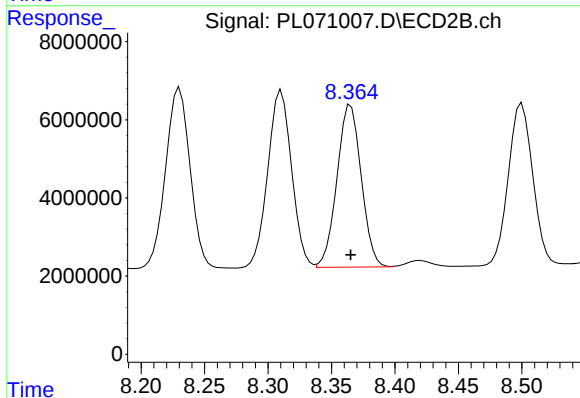
R.T.: 7.961 min  
Delta R.T.: 0.000 min  
Response: 61514204  
Conc: 40.36 ng/ml



#9 Endosulfan I

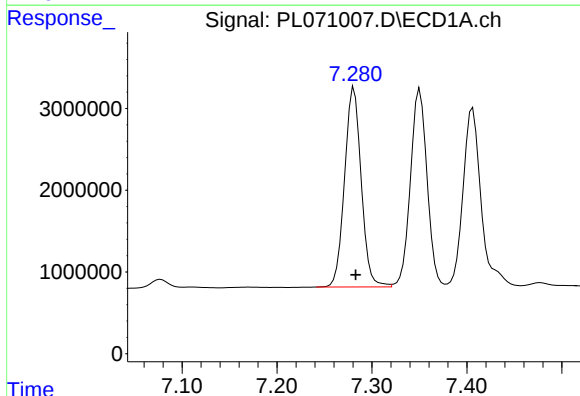
R.T.: 7.406 min  
Delta R.T.: -0.001 min  
Response: 28876922  
Conc: 47.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-111521MSD



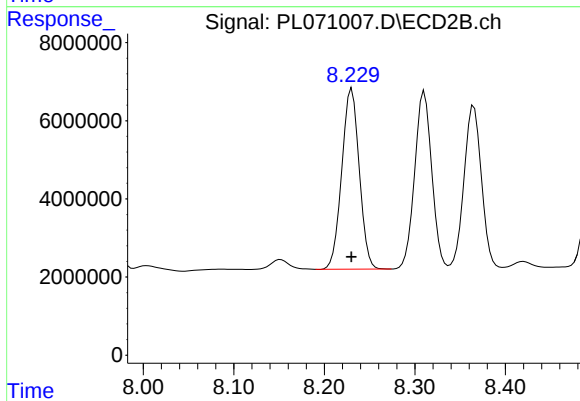
#9 Endosulfan I

R.T.: 8.365 min  
Delta R.T.: 0.000 min  
Response: 55256756  
Conc: 38.41 ng/ml



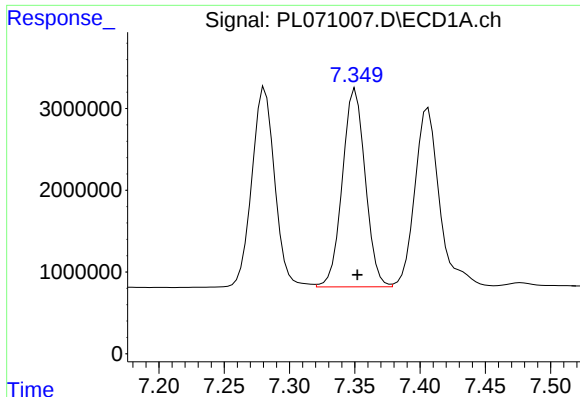
#10 gamma-Chlordane

R.T.: 7.281 min  
Delta R.T.: -0.002 min  
Response: 29768712  
Conc: 44.84 ng/ml



#10 gamma-Chlordane

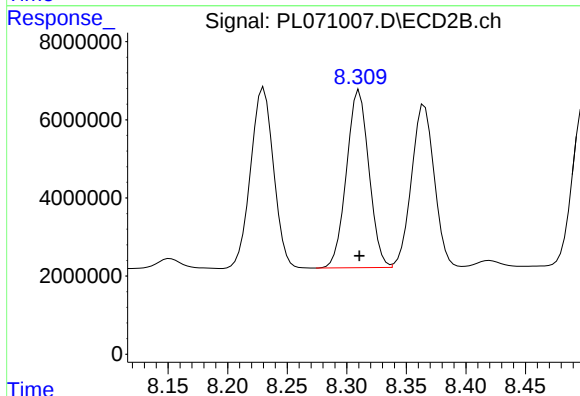
R.T.: 8.230 min  
Delta R.T.: 0.000 min  
Response: 62021843  
Conc: 40.06 ng/ml



#11 alpha-Chlordane

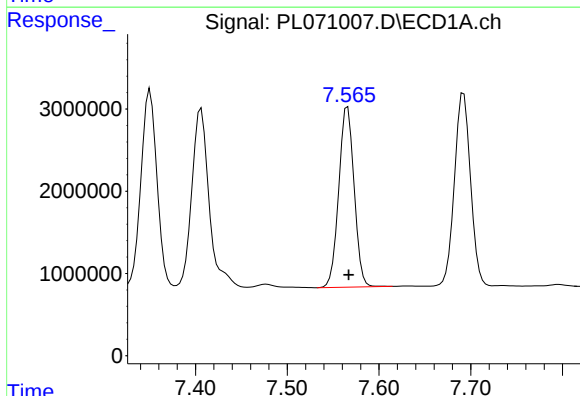
R.T.: 7.350 min  
Delta R.T.: -0.001 min  
Response: 29536568  
Conc: 44.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-111521MSD



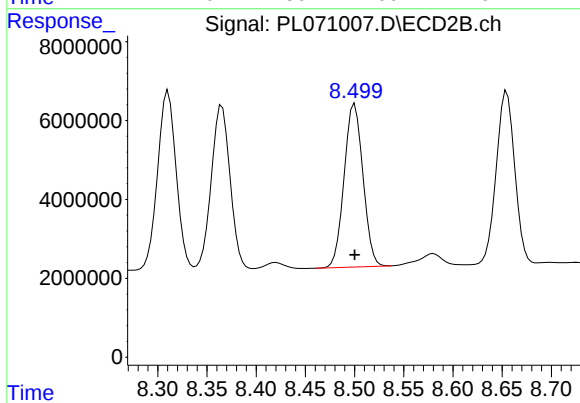
#11 alpha-Chlordane

R.T.: 8.310 min  
Delta R.T.: 0.000 min  
Response: 59569861  
Conc: 39.17 ng/ml



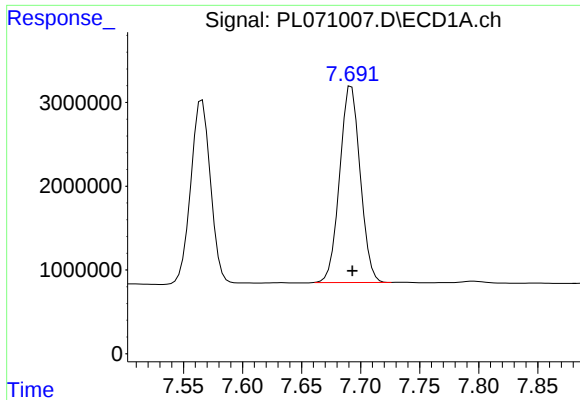
#12 4,4'-DDE

R.T.: 7.566 min  
Delta R.T.: -0.001 min  
Response: 25519647  
Conc: 43.80 ng/ml



#12 4,4'-DDE

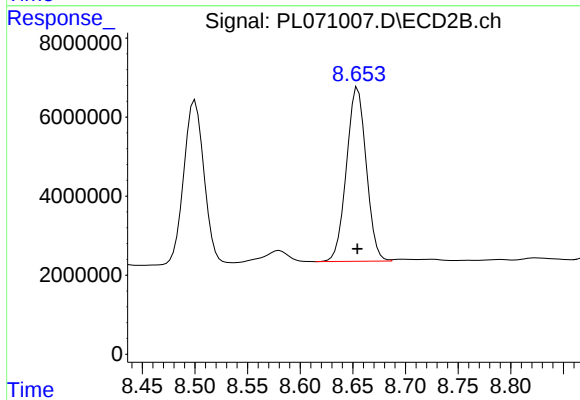
R.T.: 8.500 min  
Delta R.T.: 0.000 min  
Response: 55093109  
Conc: 37.34 ng/ml



#13 Dieldrin

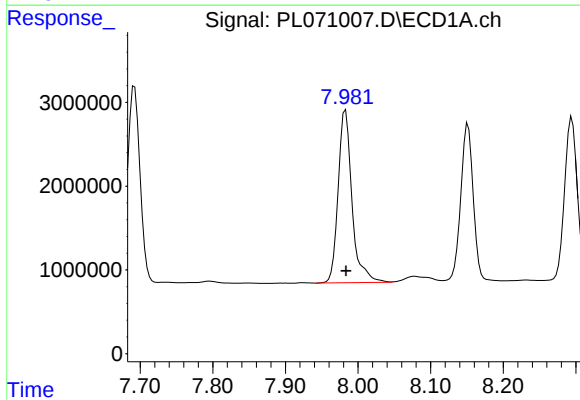
R.T.: 7.692 min  
Delta R.T.: 0.000 min  
Response: 28402789  
Conc: 45.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-111521MSD



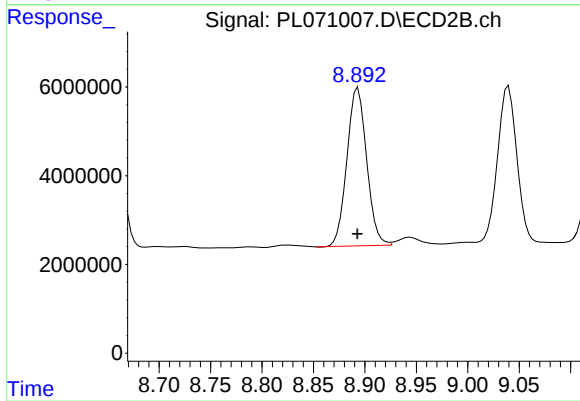
#13 Dieldrin

R.T.: 8.655 min  
Delta R.T.: 0.000 min  
Response: 57702054  
Conc: 39.60 ng/ml



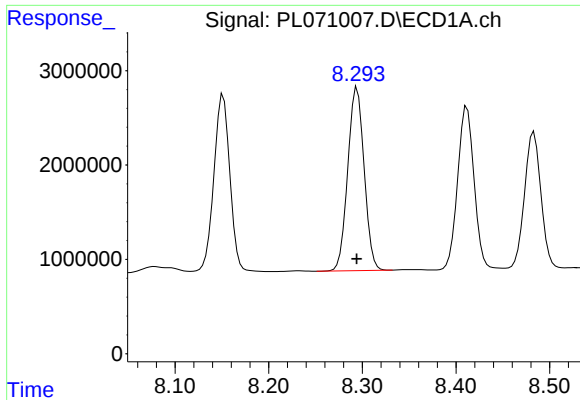
#14 Endrin

R.T.: 7.983 min  
Delta R.T.: 0.000 min  
Response: 27369241  
Conc: 48.27 ng/ml



#14 Endrin

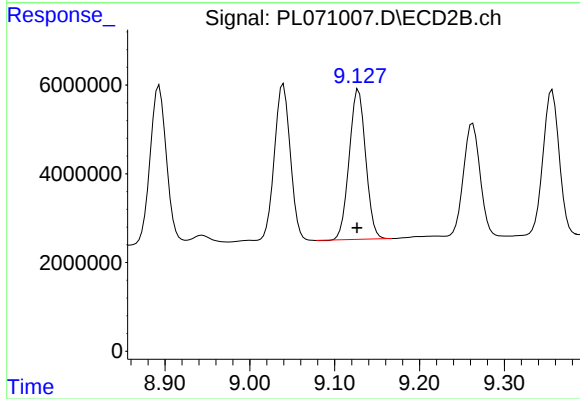
R.T.: 8.893 min  
Delta R.T.: 0.000 min  
Response: 47565066  
Conc: 41.06 ng/ml



#15 Endosulfan II

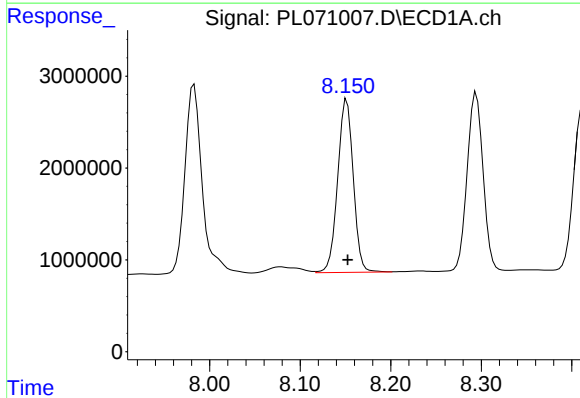
R.T.: 8.294 min  
Delta R.T.: 0.000 min  
Response: 23661692  
Conc: 39.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-111521MSD



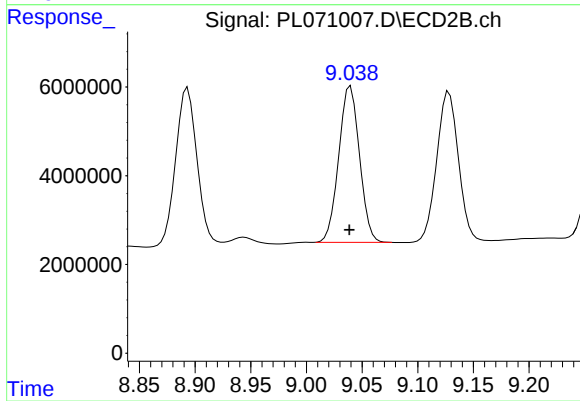
#15 Endosulfan II

R.T.: 9.128 min  
Delta R.T.: 0.002 min  
Response: 45454766  
Conc: 37.22 ng/ml



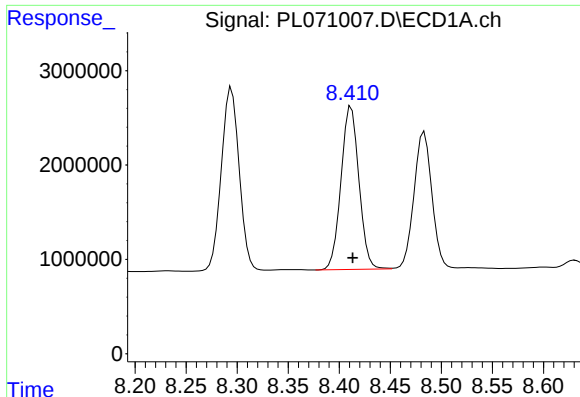
#16 4,4'-DDD

R.T.: 8.152 min  
Delta R.T.: 0.000 min  
Response: 22524457  
Conc: 44.33 ng/ml



#16 4,4'-DDD

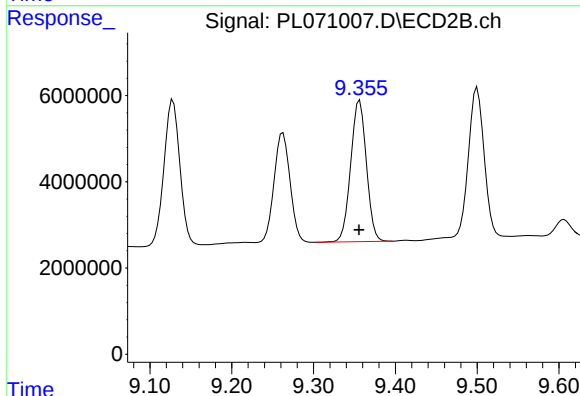
R.T.: 9.040 min  
Delta R.T.: 0.001 min  
Response: 45721635  
Conc: 37.99 ng/ml



#17 4,4'-DDT

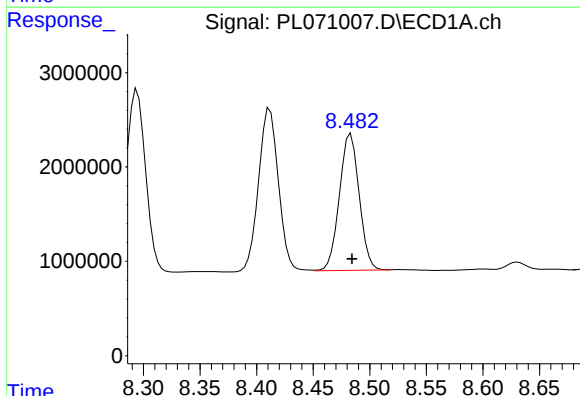
R.T.: 8.412 min  
Delta R.T.: -0.001 min  
Response: 21136151  
Conc: 38.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-111521MSD



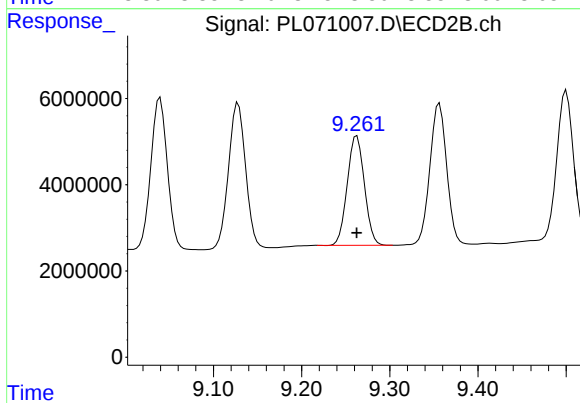
#17 4,4'-DDT

R.T.: 9.356 min  
Delta R.T.: 0.000 min  
Response: 43531346  
Conc: 34.51 ng/ml



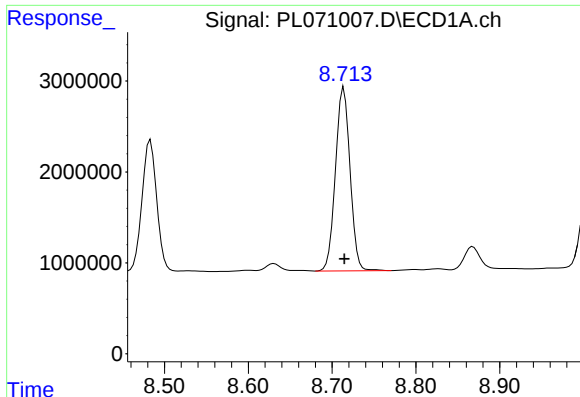
#18 Endrin aldehyde

R.T.: 8.483 min  
Delta R.T.: 0.000 min  
Response: 17612518  
Conc: 38.77 ng/ml



#18 Endrin aldehyde

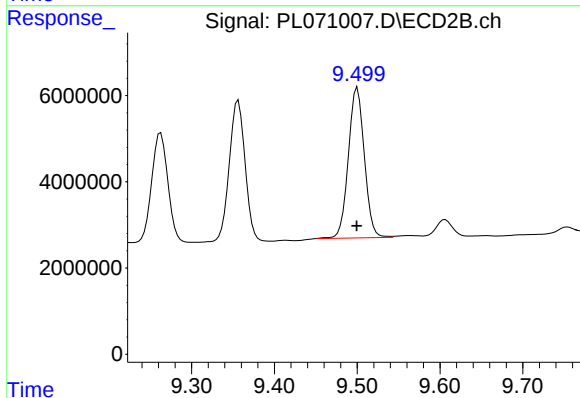
R.T.: 9.263 min  
Delta R.T.: 0.000 min  
Response: 34318918  
Conc: 35.49 ng/ml



#19 Endosulfan Sulfate

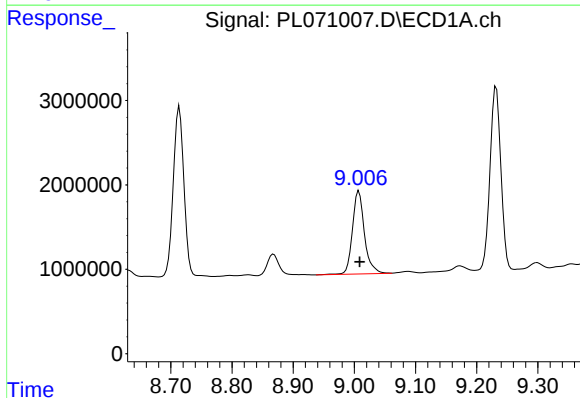
R.T.: 8.714 min  
Delta R.T.: 0.000 min  
Response: 24411291  
Conc: 39.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-111521MSD



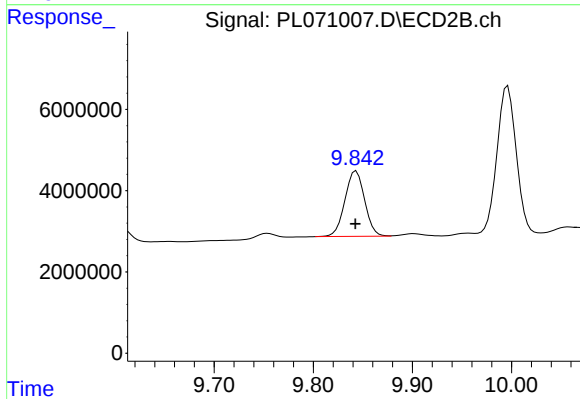
#19 Endosulfan Sulfate

R.T.: 9.500 min  
Delta R.T.: 0.000 min  
Response: 46798191  
Conc: 37.76 ng/ml



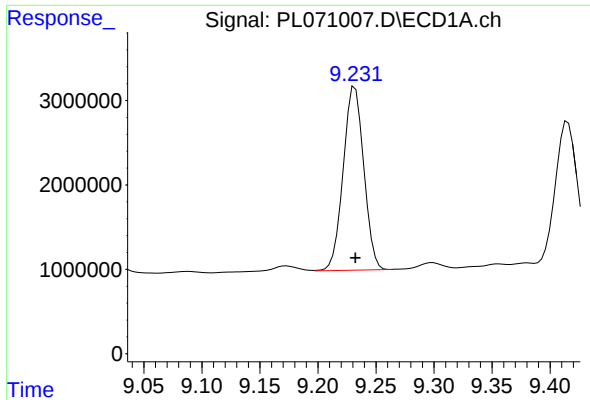
#20 Methoxychlor

R.T.: 9.008 min  
Delta R.T.: -0.001 min  
Response: 13442682  
Conc: 36.74 ng/ml



#20 Methoxychlor

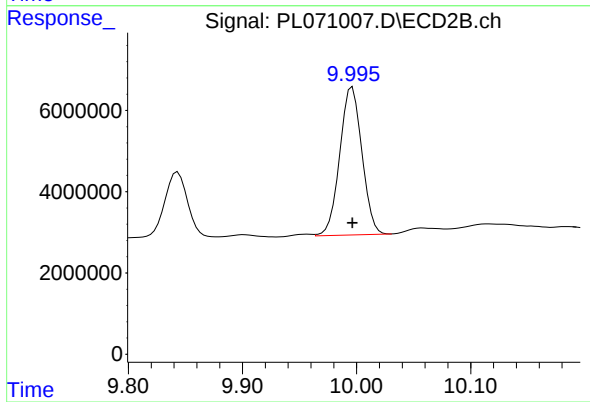
R.T.: 9.843 min  
Delta R.T.: 0.000 min  
Response: 22366877  
Conc: 33.05 ng/ml



#21 Endrin ketone

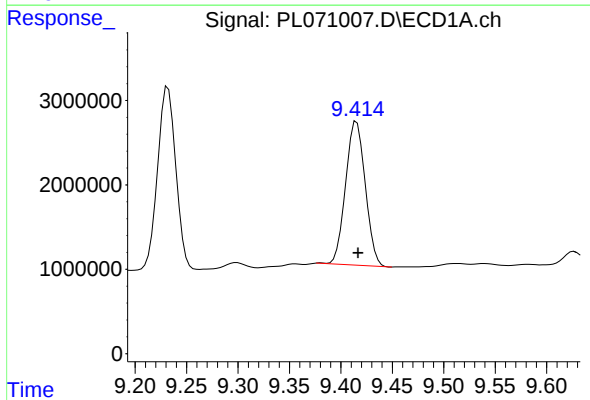
R.T.: 9.232 min  
Delta R.T.: 0.000 min  
Response: 26802990  
Conc: 37.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-111521MSD



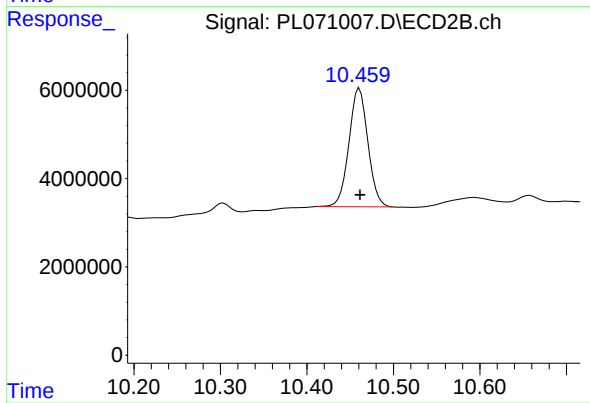
#21 Endrin ketone

R.T.: 9.996 min  
Delta R.T.: 0.000 min  
Response: 49112014  
Conc: 34.21 ng/ml



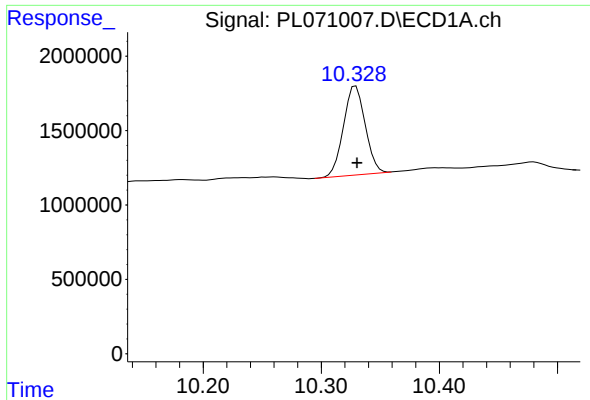
#22 Mirex

R.T.: 9.415 min  
Delta R.T.: -0.001 min  
Response: 22668646  
Conc: 36.91 ng/ml



#22 Mirex

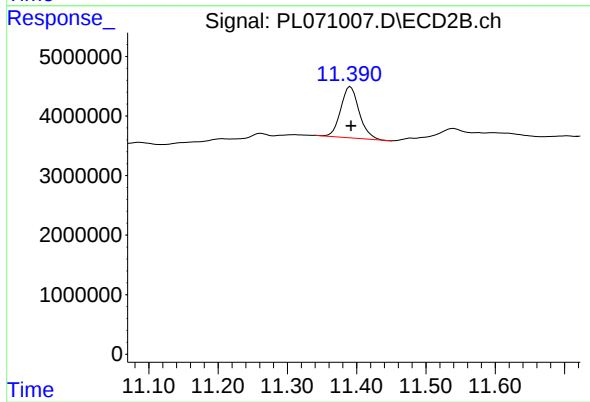
R.T.: 10.461 min  
Delta R.T.: 0.000 min  
Response: 40804304  
Conc: 39.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.329 min  
Delta R.T.: -0.001 min  
Response: 7645369  
Conc: 11.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-03-111521MSD



#28 Decachlorobiphenyl

R.T.: 11.391 min  
Delta R.T.: 0.000 min  
Response: 15697922  
Conc: 11.74 ng/ml