

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022221\  
 Data File : PL064926.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Feb 2021 19:45  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 00:40:05 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 09 04:41:29 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... | 3.424 | 4.099 | 125.0E6  | 104.6E6  | 44.419 | 48.422 |
| 2)                          | SA Decachlor... | 8.145 | 9.259 | 107.1E6  | 85876174 | 47.618 | 45.213 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.857 | 4.502 | 212.8E6  | 154.8E6  | 45.878 | 51.109 |
| 3)                          | MA gamma-BHC... | 4.137 | 4.794 | 193.9E6  | 143.2E6  | 44.853 | 50.425 |
| 4)                          | MA Heptachlor   | 4.434 | 5.305 | 177.6E6  | 136.0E6  | 43.323 | 45.915 |
| 5)                          | MB Aldrin       | 4.679 | 5.615 | 169.5E6  | 121.7E6  | 45.519 | 49.627 |
| 6)                          | B beta-BHC      | 4.388 | 4.973 | 78338762 | 67417199 | 45.834 | 51.619 |
| 7)                          | B delta-BHC     | 4.590 | 5.194 | 190.0E6  | 130.8E6  | 46.996 | 48.413 |
| 8)                          | B Heptachlo...  | 5.120 | 6.010 | 158.7E6  | 112.0E6  | 45.720 | 50.757 |
| 9)                          | A Endosulfan I  | 5.455 | 6.372 | 147.1E6  | 103.9E6  | 45.871 | 49.553 |
| 10)                         | B gamma-Chl...  | 5.346 | 6.246 | 159.8E6  | 114.3E6  | 45.583 | 49.471 |
| 11)                         | B alpha-Chl...  | 5.403 | 6.318 | 158.1E6  | 114.0E6  | 45.642 | 49.500 |
| 12)                         | B 4,4'-DDE      | 5.569 | 6.475 | 145.8E6  | 100.7E6  | 46.594 | 49.671 |
| 13)                         | MA Dieldrin     | 5.696 | 6.634 | 152.8E6  | 105.4E6  | 46.581 | 49.292 |
| 14)                         | MA Endrin       | 5.952 | 6.855 | 120.6E6  | 76126765 | 40.164 | 42.110 |
| 15)                         | B Endosulfa...  | 6.224 | 7.070 | 135.9E6  | 91729344 | 47.209 | 48.680 |
| 16)                         | A 4,4'-DDD      | 6.082 | 6.975 | 131.6E6  | 89899989 | 51.961 | 51.857 |
| 17)                         | MA 4,4'-DDT     | 6.320 | 7.274 | 90250687 | 64633513 | 40.023 | 42.392 |
| 18)                         | B Endrin al...  | 6.393 | 7.196 | 116.9E6  | 80330378 | 47.932 | 49.332 |
| 19)                         | B Endosulfa...  | 6.605 | 7.420 | 134.0E6  | 89865169 | 47.259 | 49.936 |
| 20)                         | A Methoxychlor  | 6.867 | 7.736 | 52340515 | 38694568 | 40.422 | 42.806 |
| 21)                         | B Endrin ke...  | 7.092 | 7.899 | 147.9E6  | 97689889 | 51.555 | 51.101 |
| 22)                         | Mirex           | 7.273 | 8.350 | 100.3E6  | 69166628 | 47.482 | 49.759 |
| -----                       |                 |       |       |          |          |        |        |

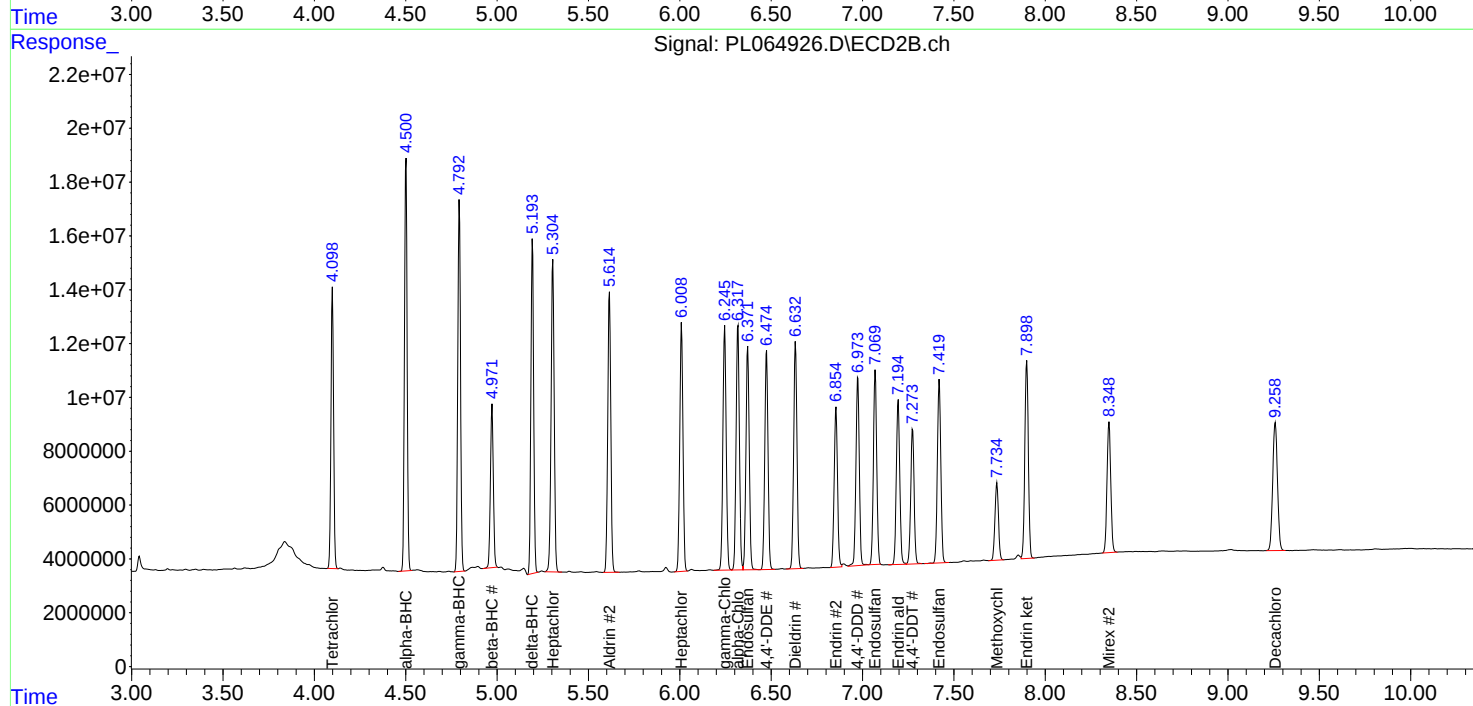
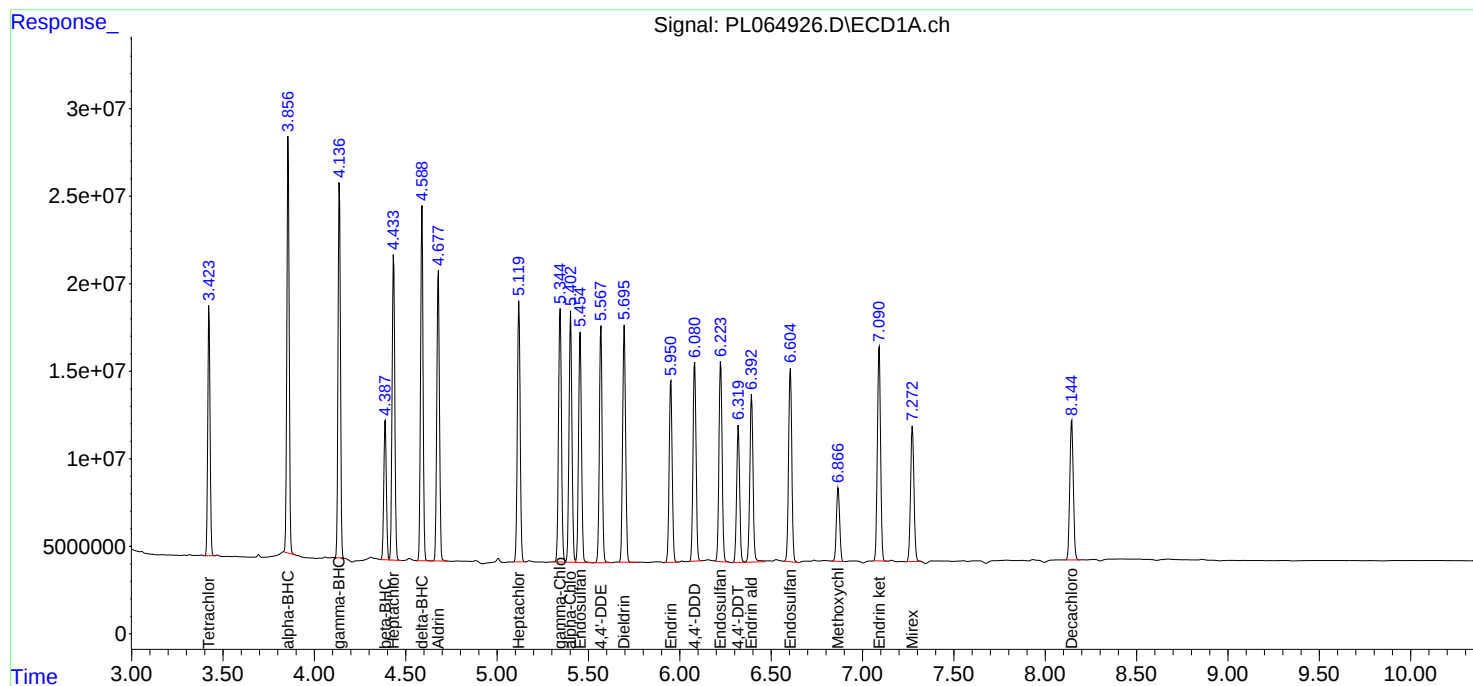
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

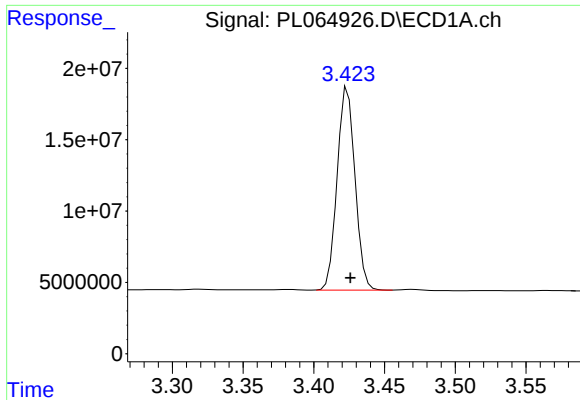
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022221\  
Data File : PL064926.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Feb 2021 19:45  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 23 00:40:05 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 09 04:41:29 2021  
Response via : Initial Calibration  
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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

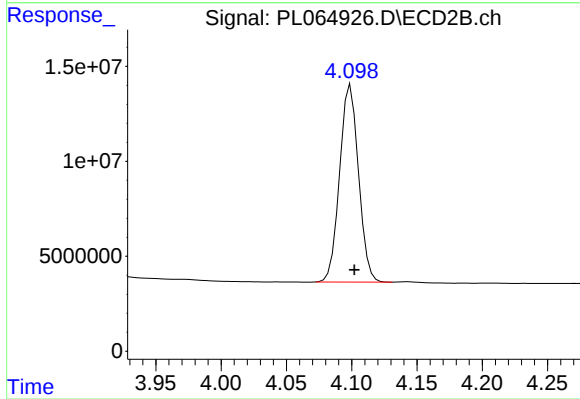




#1 Tetrachloro-m-xylene

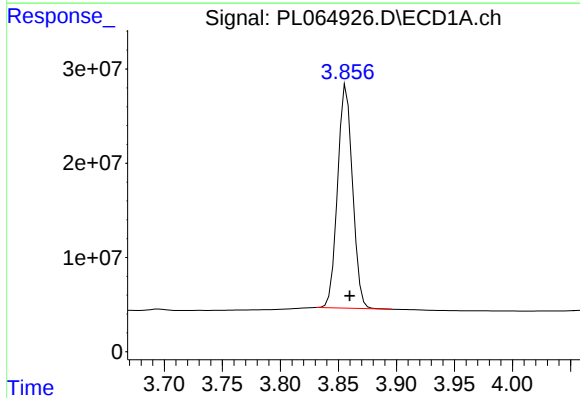
R.T.: 3.424 min  
Delta R.T.: -0.002 min  
Response: 124974145  
Conc: 44.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



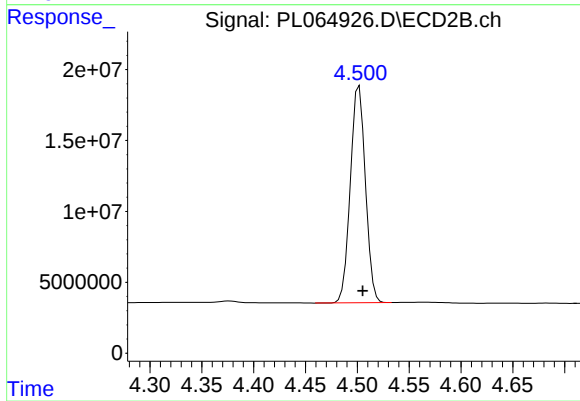
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: -0.003 min  
Response: 104600221  
Conc: 48.42 ng/ml



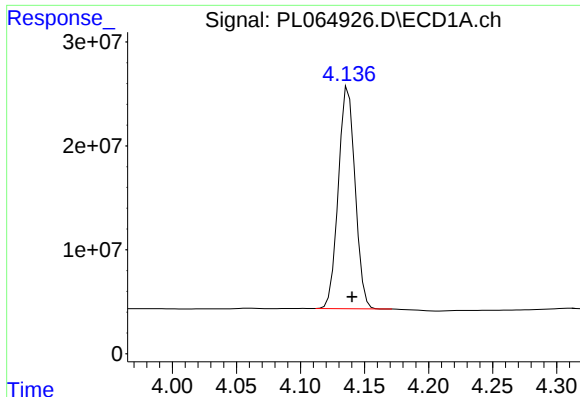
#2 alpha-BHC

R.T.: 3.857 min  
Delta R.T.: -0.003 min  
Response: 212759880  
Conc: 45.88 ng/ml



#2 alpha-BHC

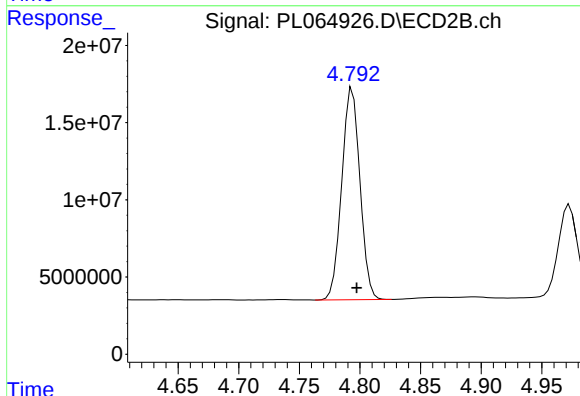
R.T.: 4.502 min  
Delta R.T.: -0.004 min  
Response: 154808865  
Conc: 51.11 ng/ml



#3 gamma-BHC (Lindane)

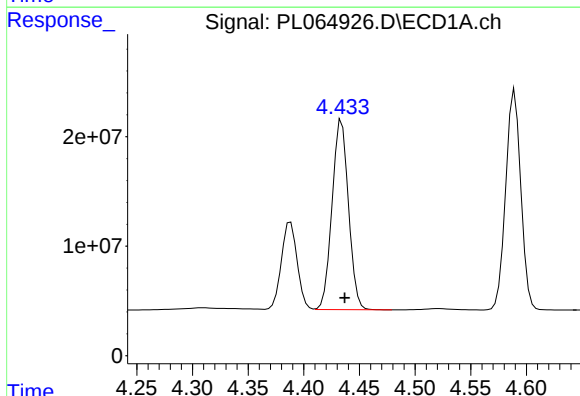
R.T.: 4.137 min  
Delta R.T.: -0.003 min  
Response: 193922605  
Conc: 44.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



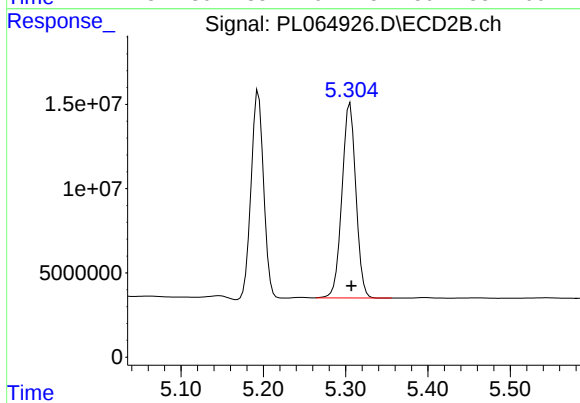
#3 gamma-BHC (Lindane)

R.T.: 4.794 min  
Delta R.T.: -0.003 min  
Response: 143230503  
Conc: 50.43 ng/ml



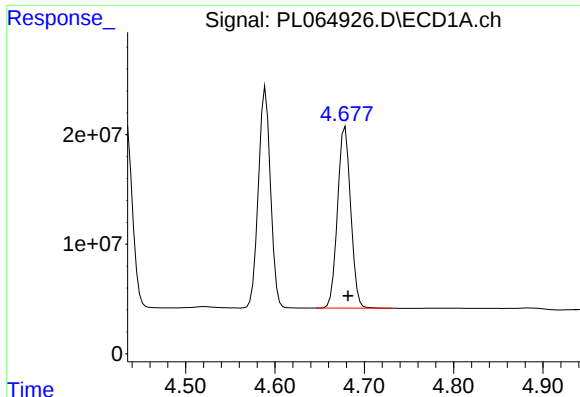
#4 Heptachlor

R.T.: 4.434 min  
Delta R.T.: -0.003 min  
Response: 177630980  
Conc: 43.32 ng/ml



#4 Heptachlor

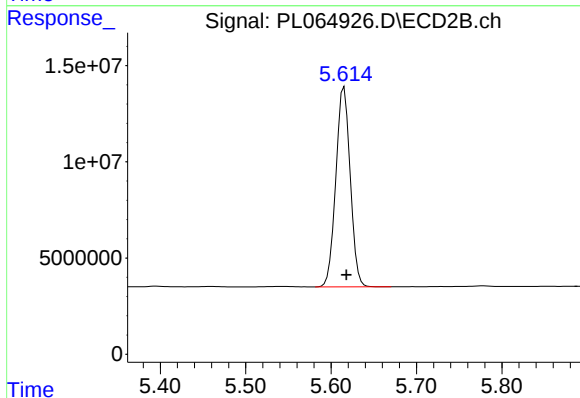
R.T.: 5.305 min  
Delta R.T.: -0.002 min  
Response: 136027348  
Conc: 45.92 ng/ml



#5 Aldrin

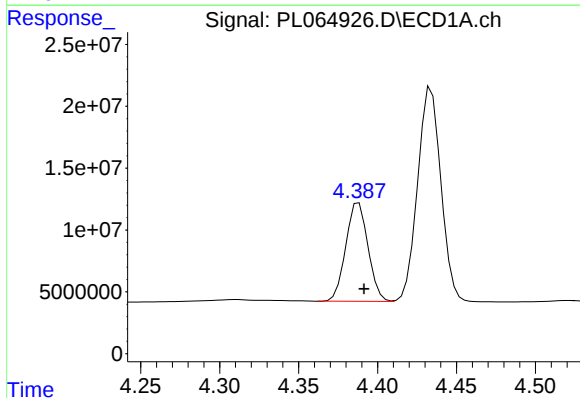
R.T.: 4.679 min  
Delta R.T.: -0.003 min  
Response: 169494862  
Conc: 45.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



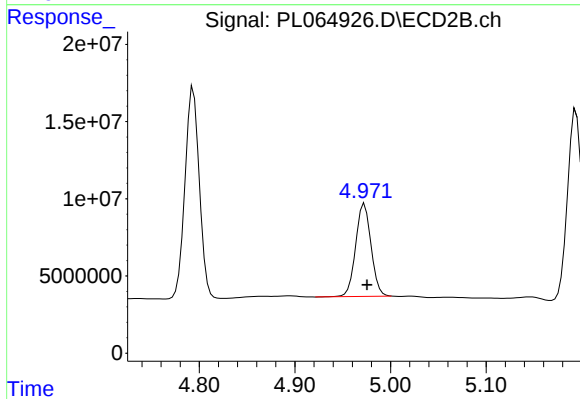
#5 Aldrin

R.T.: 5.615 min  
Delta R.T.: -0.003 min  
Response: 121704062  
Conc: 49.63 ng/ml



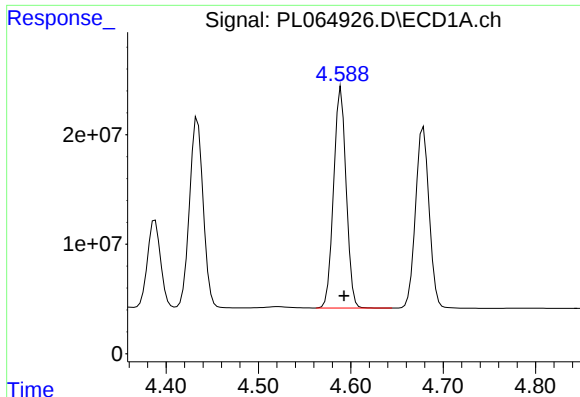
#6 beta-BHC

R.T.: 4.388 min  
Delta R.T.: -0.003 min  
Response: 78338762  
Conc: 45.83 ng/ml



#6 beta-BHC

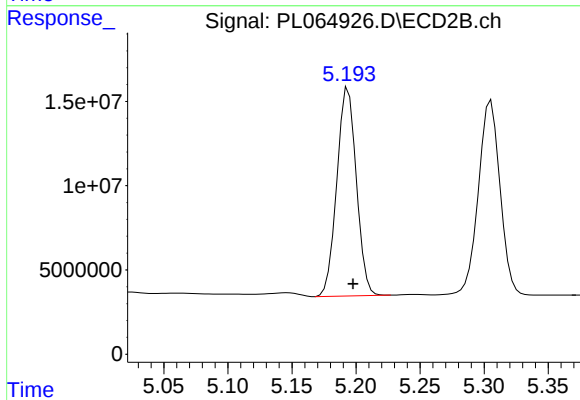
R.T.: 4.973 min  
Delta R.T.: -0.003 min  
Response: 67417199  
Conc: 51.62 ng/ml



#7 delta-BHC

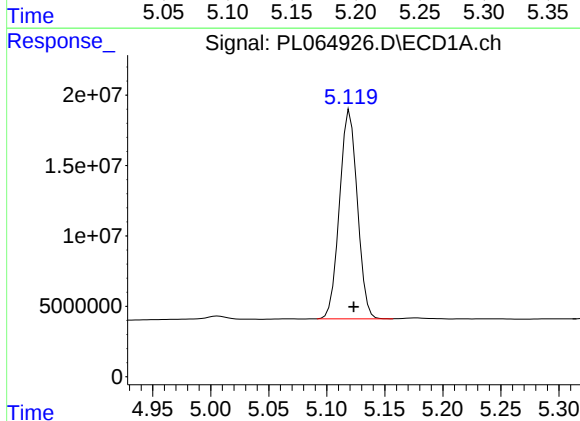
R.T.: 4.590 min  
Delta R.T.: -0.003 min  
Response: 189968519  
Conc: 47.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



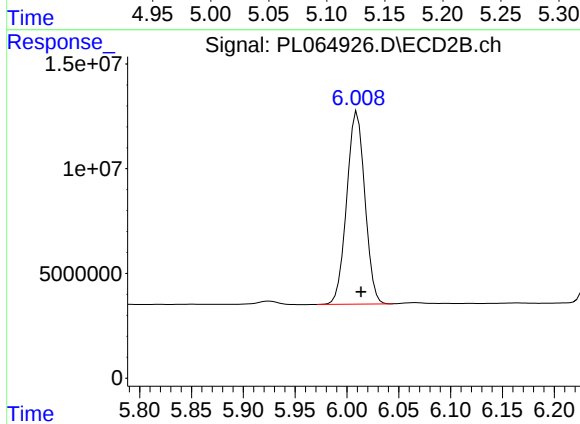
#7 delta-BHC

R.T.: 5.194 min  
Delta R.T.: -0.004 min  
Response: 130801985  
Conc: 48.41 ng/ml



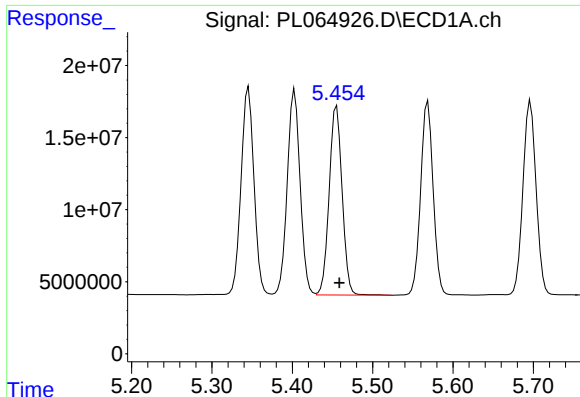
#8 Heptachlor epoxide

R.T.: 5.120 min  
Delta R.T.: -0.003 min  
Response: 158733624  
Conc: 45.72 ng/ml



#8 Heptachlor epoxide

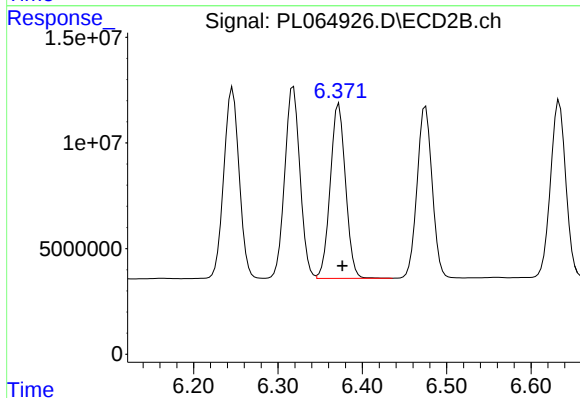
R.T.: 6.010 min  
Delta R.T.: -0.004 min  
Response: 111985492  
Conc: 50.76 ng/ml



#9 Endosulfan I

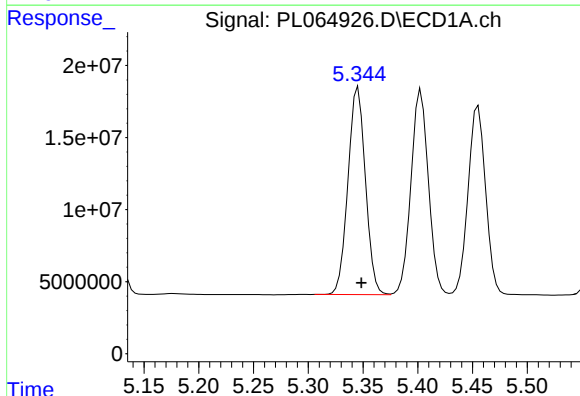
R.T.: 5.455 min  
Delta R.T.: -0.003 min  
Response: 147103210  
Conc: 45.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



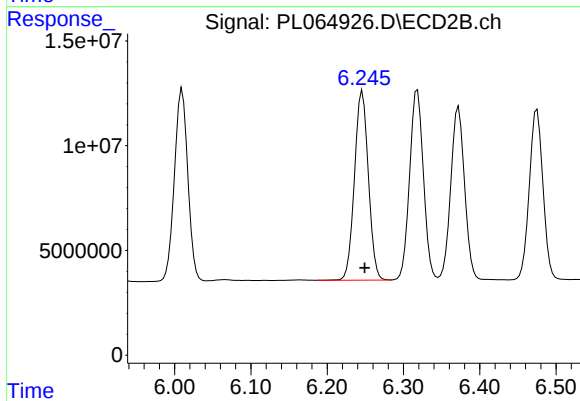
#9 Endosulfan I

R.T.: 6.372 min  
Delta R.T.: -0.004 min  
Response: 103935185  
Conc: 49.55 ng/ml



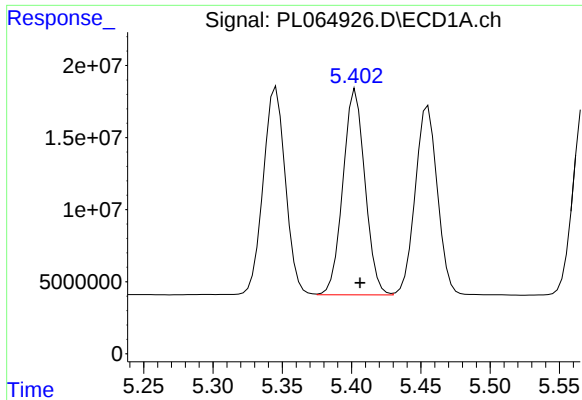
#10 gamma-Chlordane

R.T.: 5.346 min  
Delta R.T.: -0.003 min  
Response: 159832896  
Conc: 45.58 ng/ml



#10 gamma-Chlordane

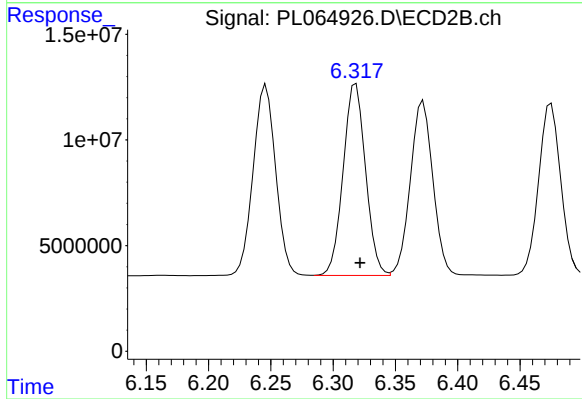
R.T.: 6.246 min  
Delta R.T.: -0.003 min  
Response: 114327037  
Conc: 49.47 ng/ml



#11 alpha-Chlordane

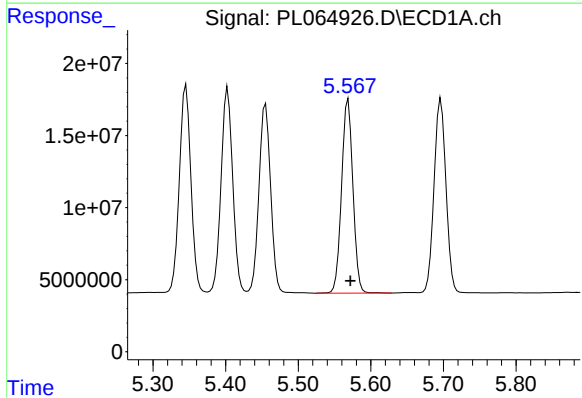
R.T.: 5.403 min  
Delta R.T.: -0.003 min  
Response: 158081664  
Conc: 45.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



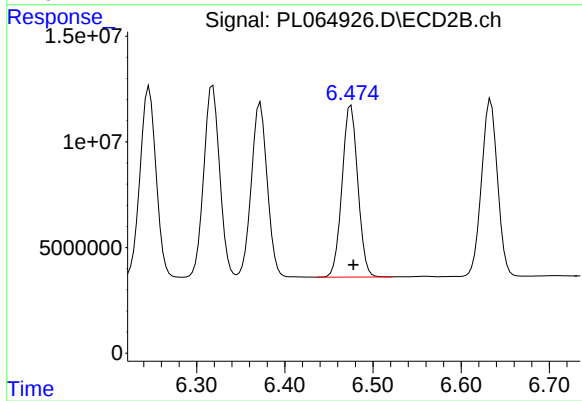
#11 alpha-Chlordane

R.T.: 6.318 min  
Delta R.T.: -0.003 min  
Response: 113960156  
Conc: 49.50 ng/ml



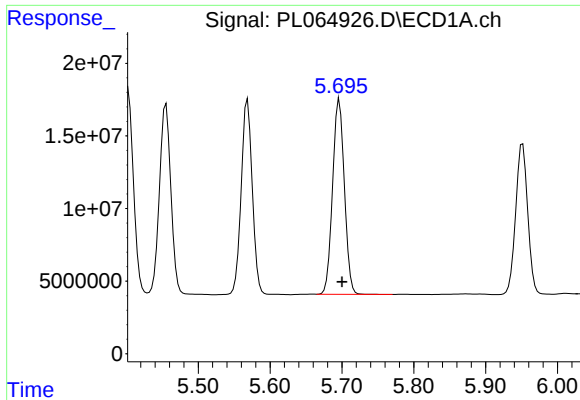
#12 4,4'-DDE

R.T.: 5.569 min  
Delta R.T.: -0.003 min  
Response: 145813526  
Conc: 46.59 ng/ml



#12 4,4'-DDE

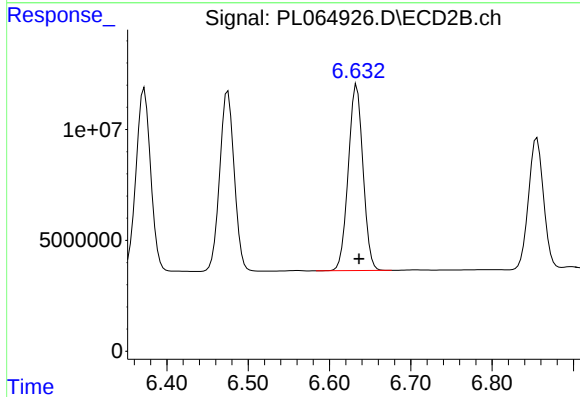
R.T.: 6.475 min  
Delta R.T.: -0.003 min  
Response: 100734181  
Conc: 49.67 ng/ml



#13 Dieldrin

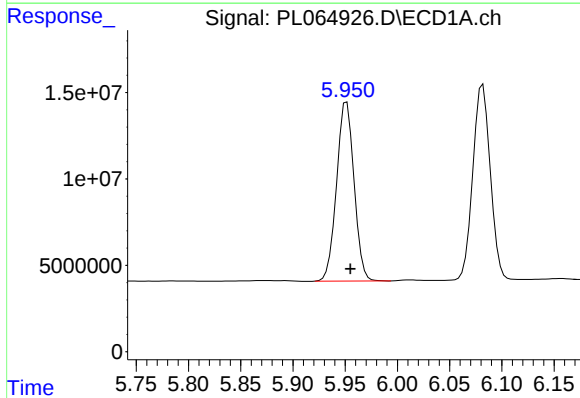
R.T.: 5.696 min  
Delta R.T.: -0.004 min  
Response: 152795221  
Conc: 46.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



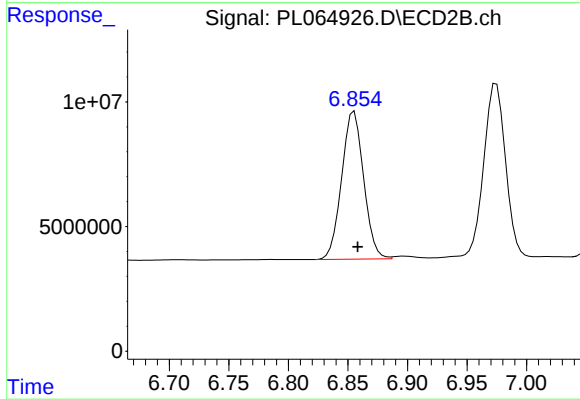
#13 Dieldrin

R.T.: 6.634 min  
Delta R.T.: -0.003 min  
Response: 105369432  
Conc: 49.29 ng/ml



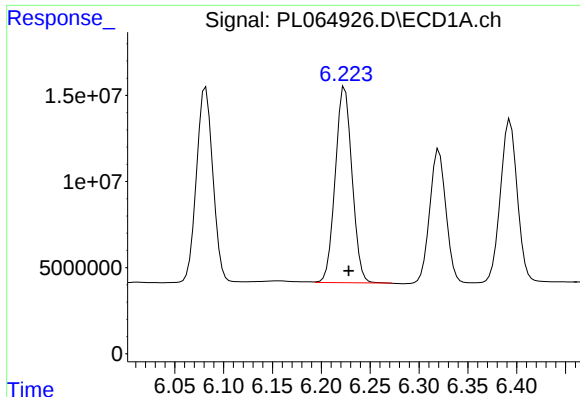
#14 Endrin

R.T.: 5.952 min  
Delta R.T.: -0.003 min  
Response: 120626974  
Conc: 40.16 ng/ml



#14 Endrin

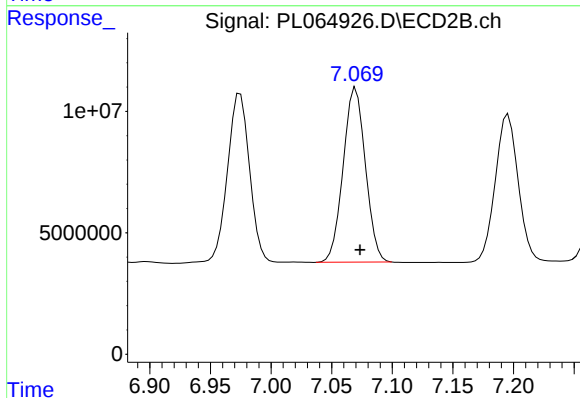
R.T.: 6.855 min  
Delta R.T.: -0.003 min  
Response: 76126765  
Conc: 42.11 ng/ml



#15 Endosulfan II

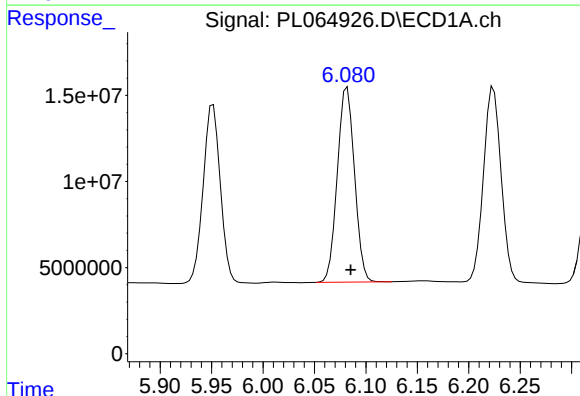
R.T.: 6.224 min  
Delta R.T.: -0.004 min  
Response: 135937022  
Conc: 47.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



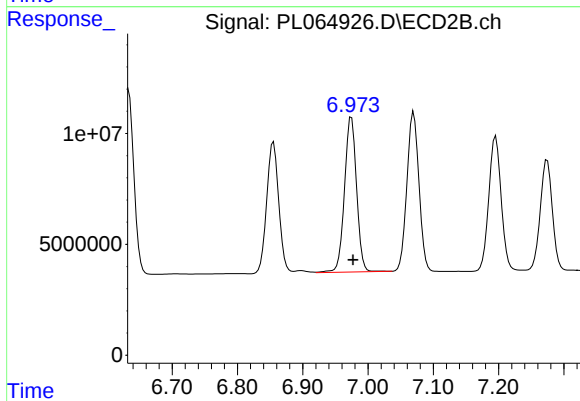
#15 Endosulfan II

R.T.: 7.070 min  
Delta R.T.: -0.003 min  
Response: 91729344  
Conc: 48.68 ng/ml



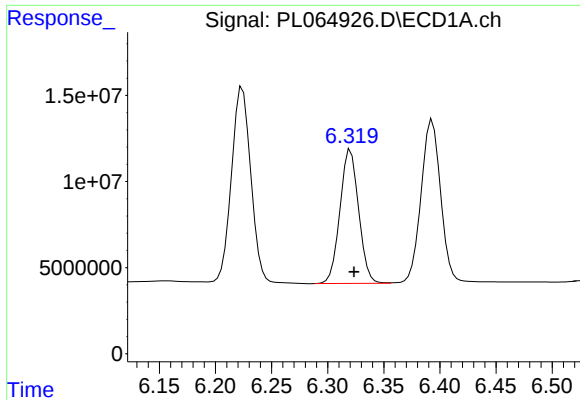
#16 4,4'-DDD

R.T.: 6.082 min  
Delta R.T.: -0.003 min  
Response: 131595291  
Conc: 51.96 ng/ml



#16 4,4'-DDD

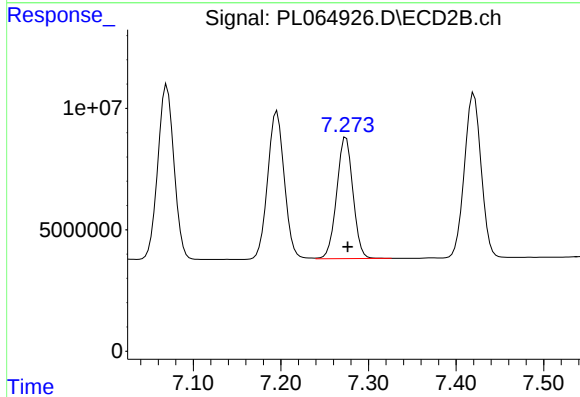
R.T.: 6.975 min  
Delta R.T.: -0.003 min  
Response: 89899989  
Conc: 51.86 ng/ml



#17 4,4'-DDT

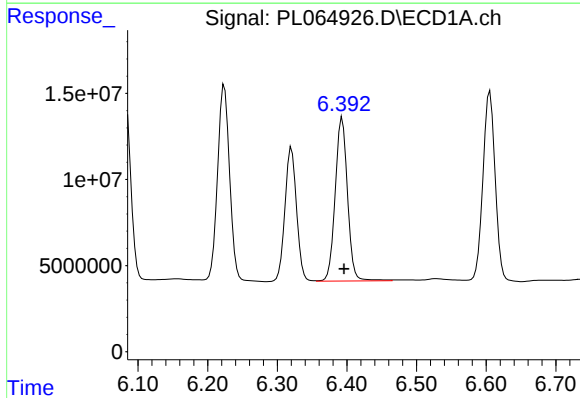
R.T.: 6.320 min  
Delta R.T.: -0.003 min  
Response: 90250687  
Conc: 40.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



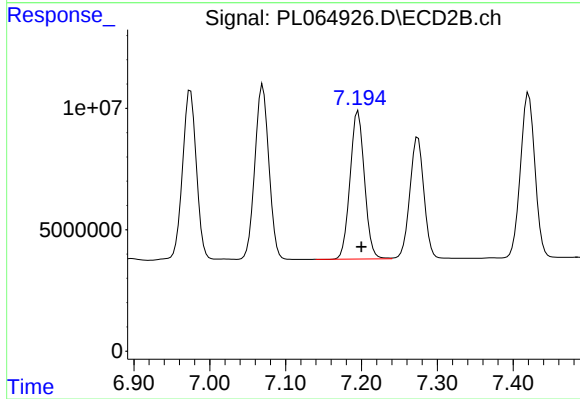
#17 4,4'-DDT

R.T.: 7.274 min  
Delta R.T.: -0.002 min  
Response: 64633513  
Conc: 42.39 ng/ml



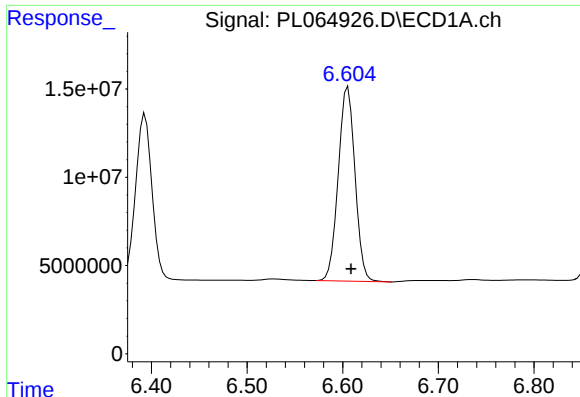
#18 Endrin aldehyde

R.T.: 6.393 min  
Delta R.T.: -0.003 min  
Response: 116866547  
Conc: 47.93 ng/ml



#18 Endrin aldehyde

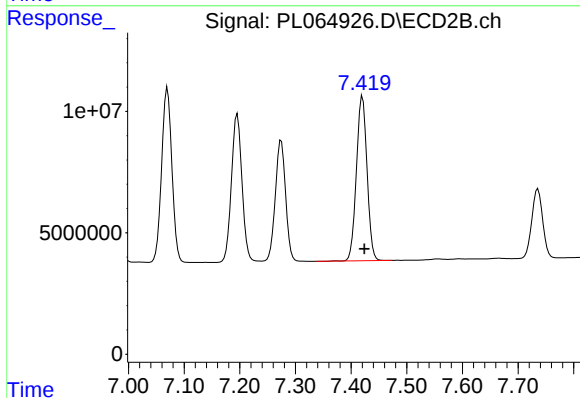
R.T.: 7.196 min  
Delta R.T.: -0.004 min  
Response: 80330378  
Conc: 49.33 ng/ml



#19 Endosulfan Sulfate

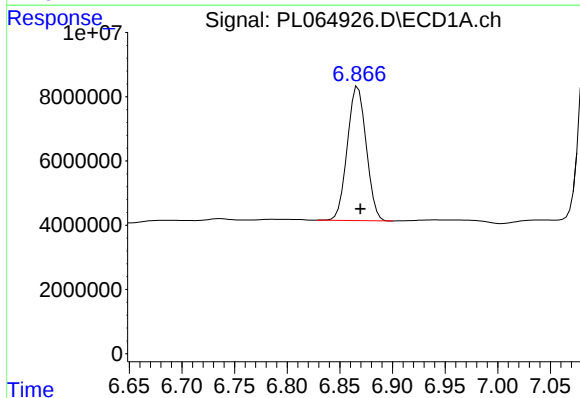
R.T.: 6.605 min  
Delta R.T.: -0.003 min  
Response: 134022024  
Conc: 47.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



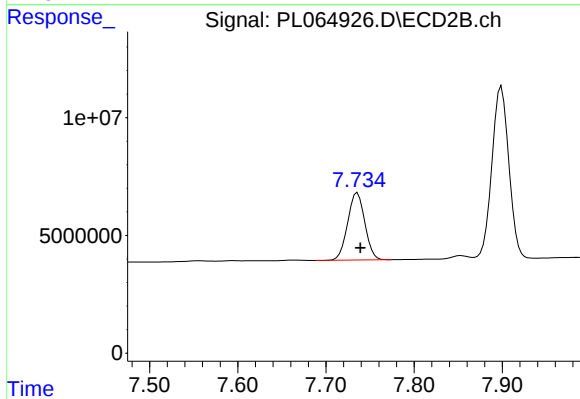
#19 Endosulfan Sulfate

R.T.: 7.420 min  
Delta R.T.: -0.003 min  
Response: 89865169  
Conc: 49.94 ng/ml



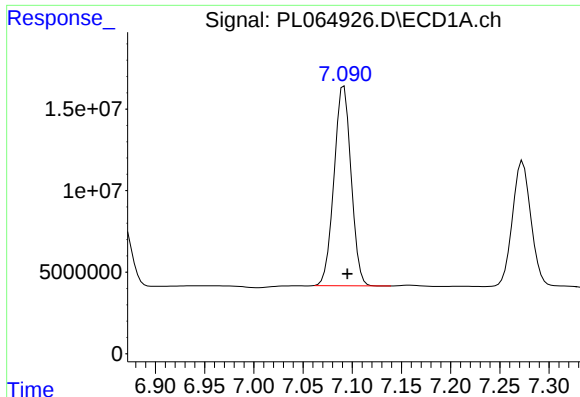
#20 Methoxychlor

R.T.: 6.867 min  
Delta R.T.: -0.002 min  
Response: 52340515  
Conc: 40.42 ng/ml



#20 Methoxychlor

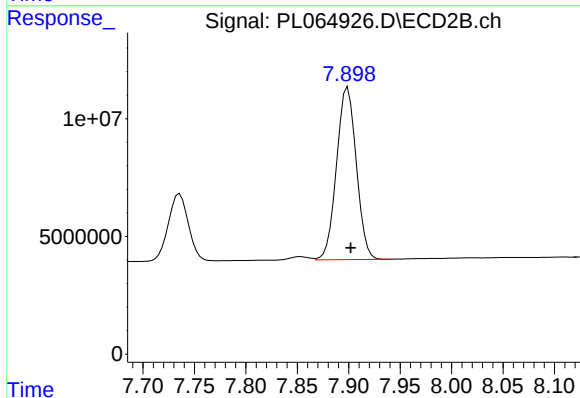
R.T.: 7.736 min  
Delta R.T.: -0.003 min  
Response: 38694568  
Conc: 42.81 ng/ml



#21 Endrin ketone

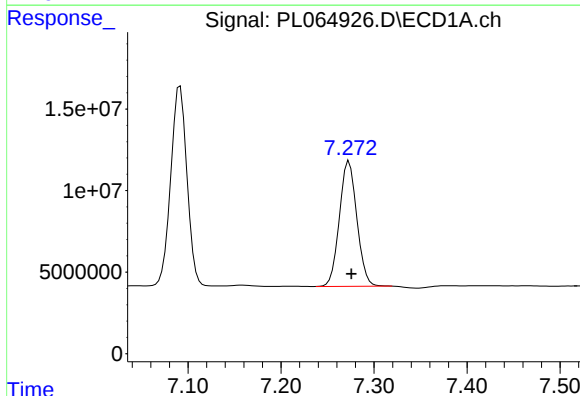
R.T.: 7.092 min  
Delta R.T.: -0.003 min  
Response: 147862372  
Conc: 51.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



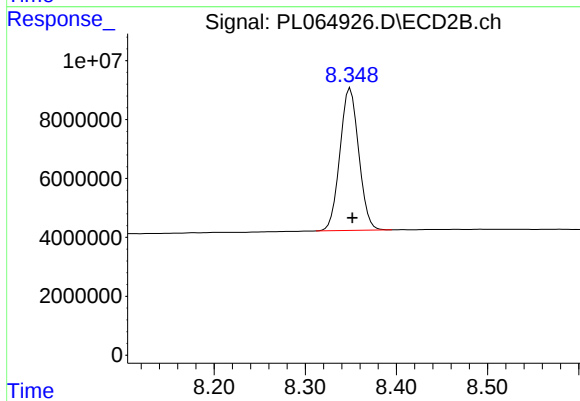
#21 Endrin ketone

R.T.: 7.899 min  
Delta R.T.: -0.003 min  
Response: 97689889  
Conc: 51.10 ng/ml



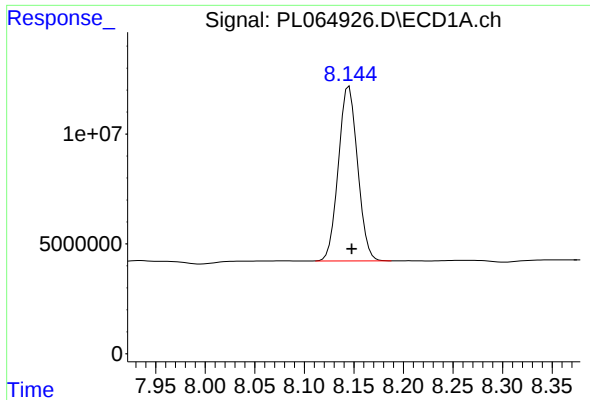
#22 Mirex

R.T.: 7.273 min  
Delta R.T.: -0.003 min  
Response: 100326611  
Conc: 47.48 ng/ml



#22 Mirex

R.T.: 8.350 min  
Delta R.T.: -0.002 min  
Response: 69166628  
Conc: 49.76 ng/ml



#28 Decachlorobiphenyl

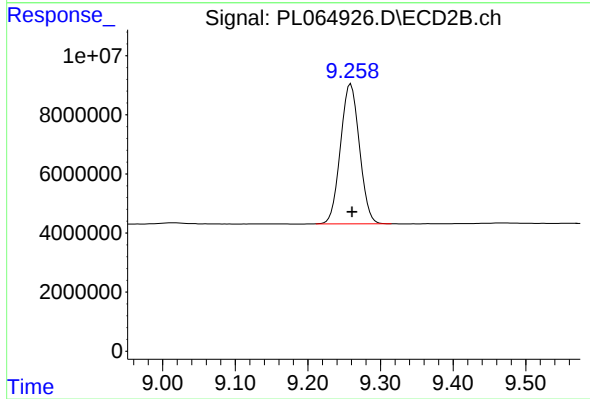
R.T.: 8.145 min

Delta R.T.: -0.003 min

Response: 107082706

Conc: 47.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.259 min

Delta R.T.: -0.002 min

Response: 85876174

Conc: 45.21 ng/ml