

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121123\  
 Data File : PL087082.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Dec 2023 02:43  
 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: Dec 12 03:58:59 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120623.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 07 00:53:18 2023  
 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... | 3.453 | 2.702 | 156.3E6  | 42847317 | 48.433 | 43.802 |
| 2)                          | SA Decachlor... | 9.051 | 7.901 | 133.6E6  | 44485750 | 58.443 | 46.231 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.912 | 3.209 | 226.5E6  | 58357998 | 50.326 | 45.535 |
| 3)                          | MA gamma-BHC... | 4.248 | 3.541 | 212.4E6  | 57525551 | 51.156 | 45.417 |
| 4)                          | MA Heptachlor   | 4.842 | 3.885 | 213.0E6  | 56197362 | 52.683 | 45.152 |
| 5)                          | MB Aldrin       | 5.186 | 4.166 | 202.7E6  | 53227714 | 50.828 | 44.253 |
| 6)                          | B beta-BHC      | 4.448 | 3.843 | 90706564 | 26180154 | 53.342 | 46.145 |
| 7)                          | B delta-BHC     | 4.695 | 4.073 | 201.4E6  | 57168827 | 55.674 | 47.035 |
| 8)                          | B Heptachlo...  | 5.619 | 4.674 | 185.2E6  | 50081689 | 52.562 | 45.340 |
| 9)                          | A Endosulfan I  | 6.007 | 5.045 | 171.7E6  | 46211762 | 52.404 | 43.478 |
| 10)                         | B gamma-Chl...  | 5.879 | 4.927 | 184.8E6  | 49866861 | 53.741 | 46.349 |
| 11)                         | B alpha-Chl...  | 5.960 | 4.992 | 182.1E6  | 50070295 | 53.030 | 44.927 |
| 12)                         | B 4,4'-DDE      | 6.144 | 5.190 | 139.9E6  | 42560672 | 55.803 | 47.891 |
| 13)                         | MA Dieldrin     | 6.288 | 5.313 | 162.9E6  | 46432746 | 50.264 | 46.331 |
| 14)                         | MA Endrin       | 6.518 | 5.588 | 131.1E6  | 43029640 | 59.428 | 52.746 |
| 15)                         | B Endosulfa...  | 6.741 | 5.886 | 142.9E6  | 41510245 | 55.312 | 47.159 |
| 16)                         | A 4,4'-DDD      | 6.668 | 5.749 | 112.9E6  | 35793404 | 56.181 | 46.170 |
| 17)                         | MA 4,4'-DDT     | 6.987 | 6.003 | 123.1E6  | 38709482 | 62.036 | 50.983 |
| 18)                         | B Endrin al...  | 6.874 | 6.068 | 103.4E6  | 32428267 | 57.002 | 47.356 |
| 19)                         | B Endosulfa...  | 7.113 | 6.294 | 143.8E6  | 42333979 | 58.291 | 47.975 |
| 20)                         | A Methoxychlor  | 7.480 | 6.590 | 64711557 | 23755761 | 60.790 | 49.687 |
| 21)                         | B Endrin ke...  | 7.600 | 6.800 | 143.3E6  | 48424671 | 56.171 | 47.882 |
| 22)                         | Mirex           | 8.079 | 6.982 | 122.7E6  | 41106765 | 54.466 | 46.326 |
| -----                       |                 |       |       |          |          |        |        |

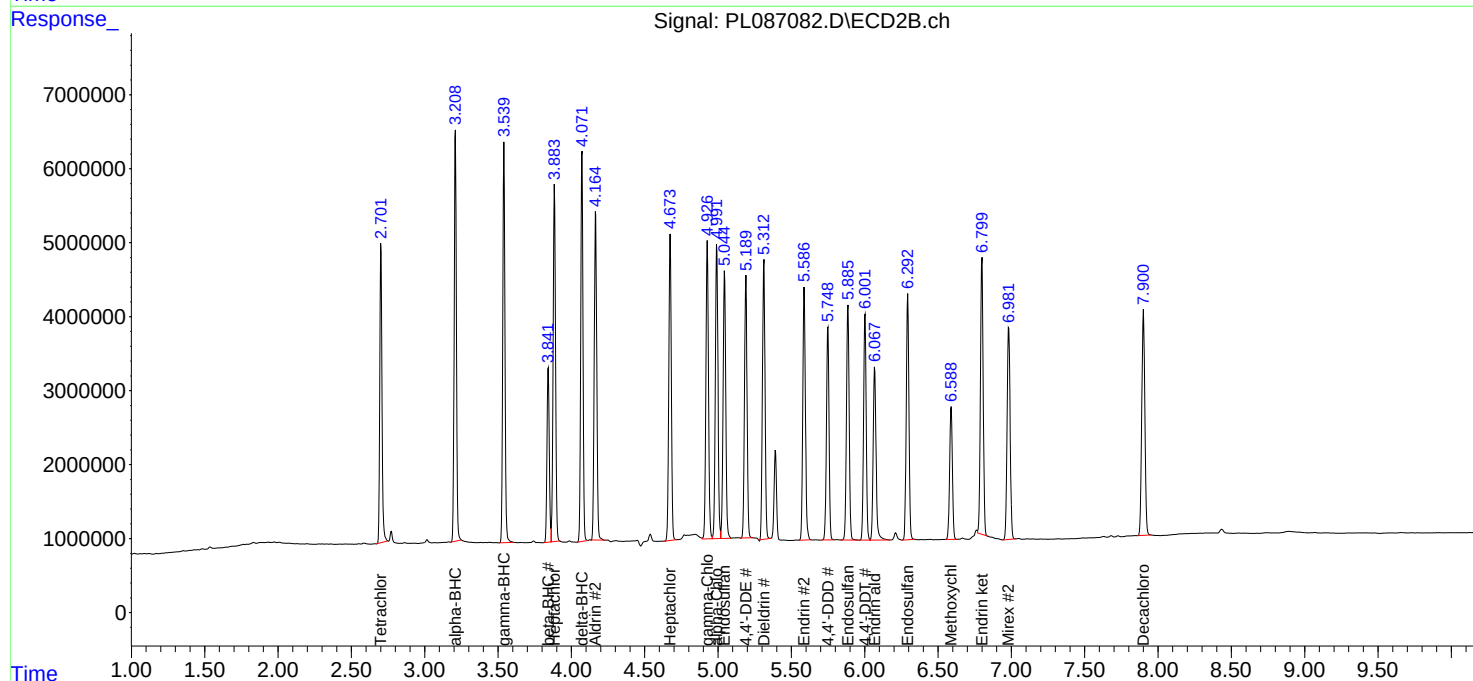
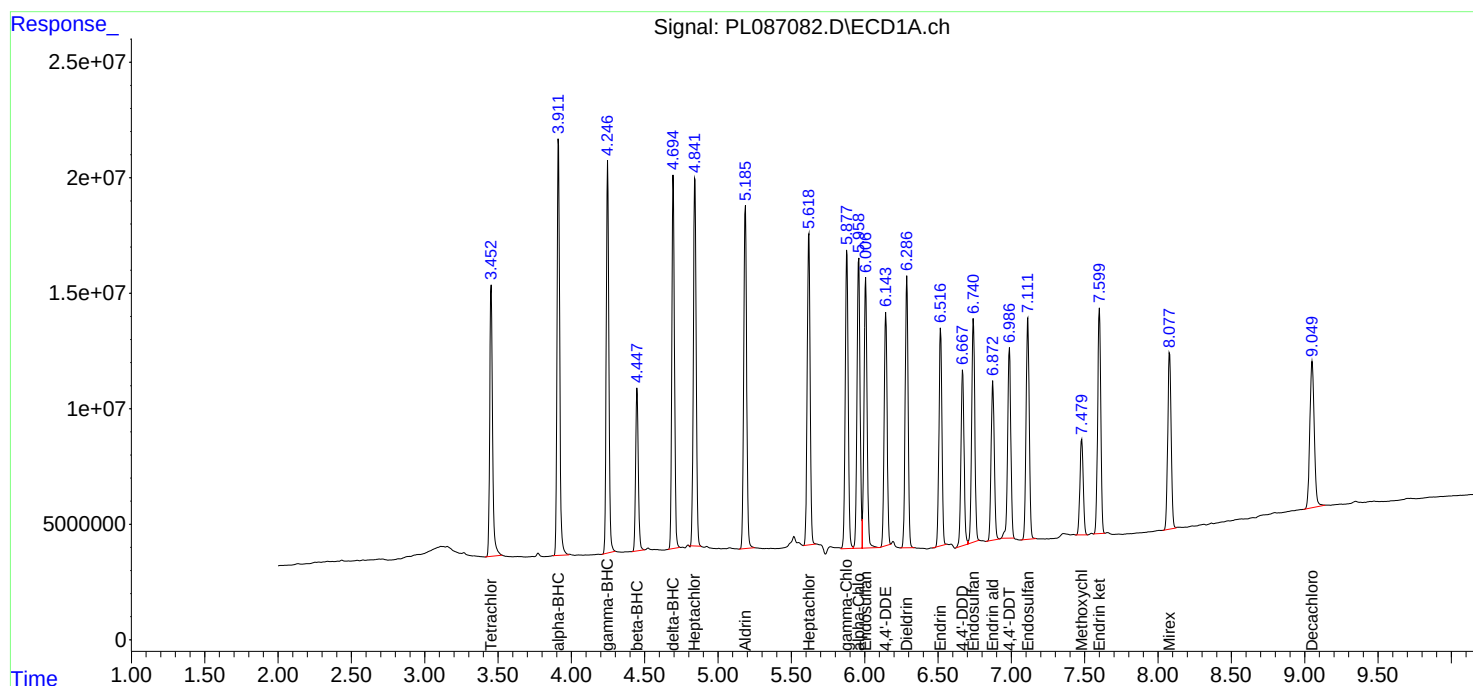
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

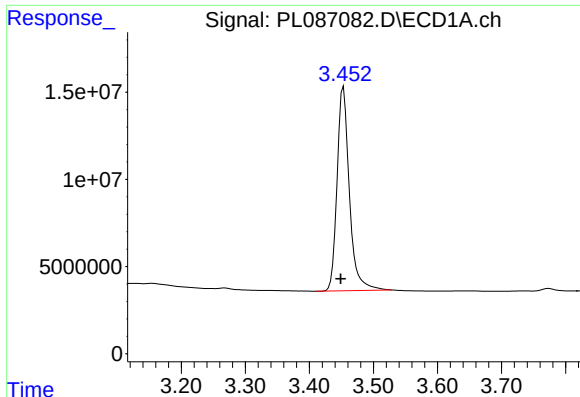
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121123\  
Data File : PL087082.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Dec 2023 02:43  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 12 03:58:59 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120623.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 07 00:53:18 2023  
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

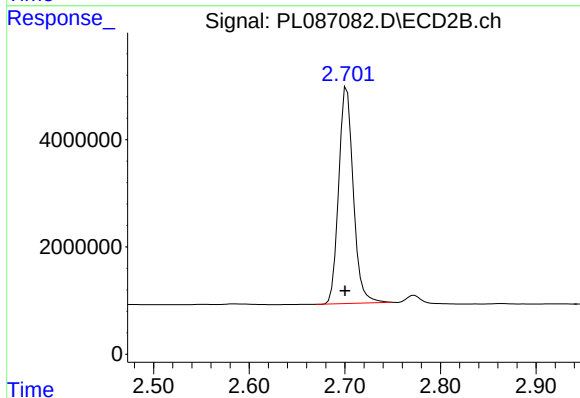




#1 Tetrachloro-m-xylene

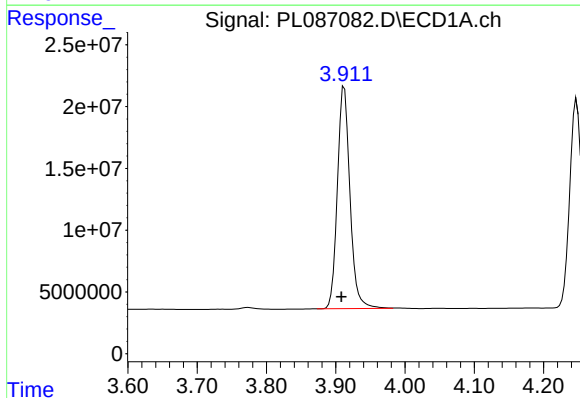
R.T.: 3.453 min  
Delta R.T.: 0.004 min  
Response: 156306779  
Conc: 48.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



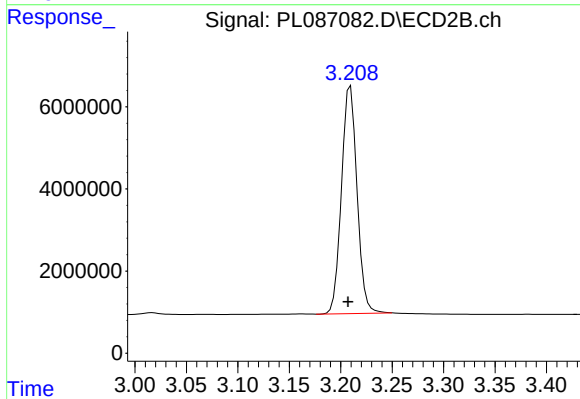
#1 Tetrachloro-m-xylene

R.T.: 2.702 min  
Delta R.T.: 0.002 min  
Response: 42847317  
Conc: 43.80 ng/ml



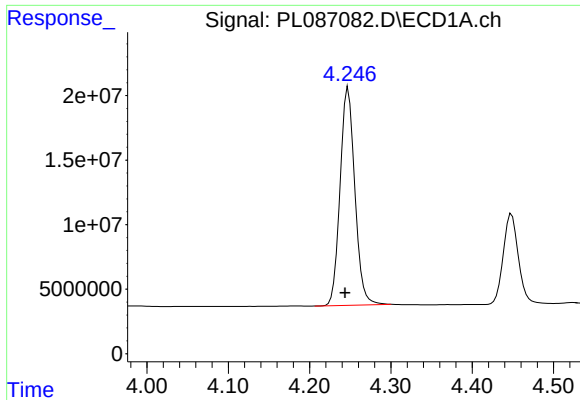
#2 alpha-BHC

R.T.: 3.912 min  
Delta R.T.: 0.004 min  
Response: 226476604  
Conc: 50.33 ng/ml



#2 alpha-BHC

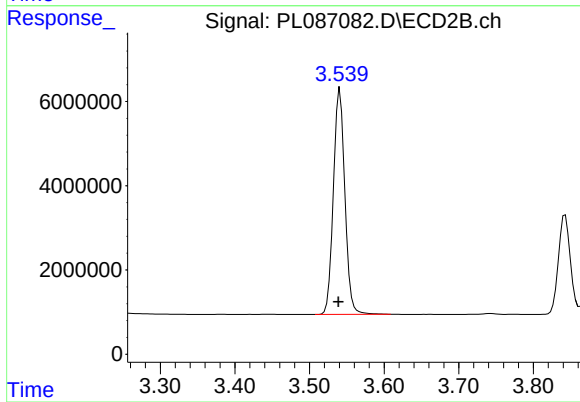
R.T.: 3.209 min  
Delta R.T.: 0.002 min  
Response: 58357998  
Conc: 45.53 ng/ml



#3 gamma-BHC (Lindane)

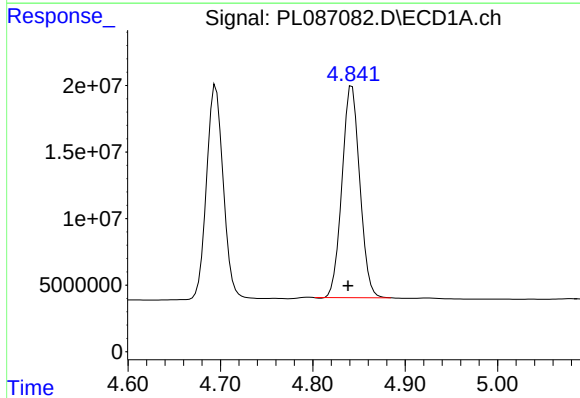
R.T.: 4.248 min  
Delta R.T.: 0.004 min  
Response: 212403351  
Conc: 51.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



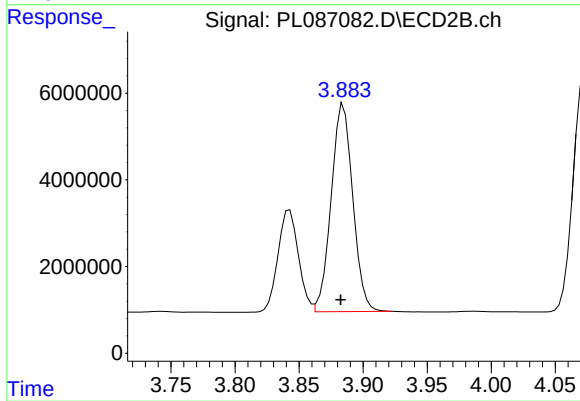
#3 gamma-BHC (Lindane)

R.T.: 3.541 min  
Delta R.T.: 0.002 min  
Response: 57525551  
Conc: 45.42 ng/ml



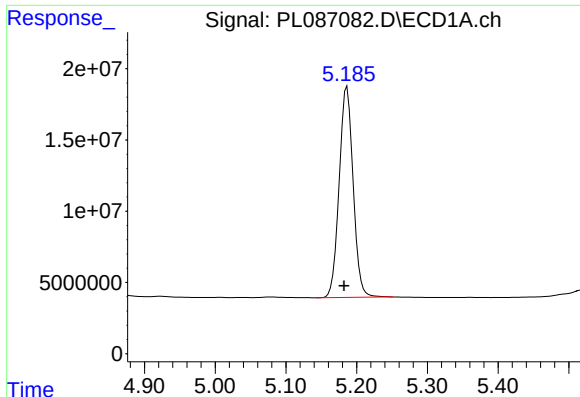
#4 Heptachlor

R.T.: 4.842 min  
Delta R.T.: 0.004 min  
Response: 213006533  
Conc: 52.68 ng/ml



#4 Heptachlor

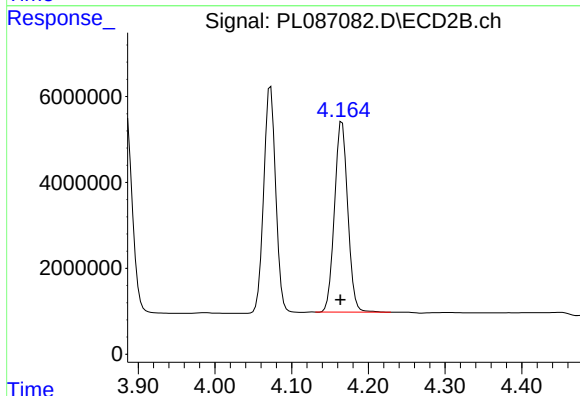
R.T.: 3.885 min  
Delta R.T.: 0.002 min  
Response: 56197362  
Conc: 45.15 ng/ml



#5 Aldrin

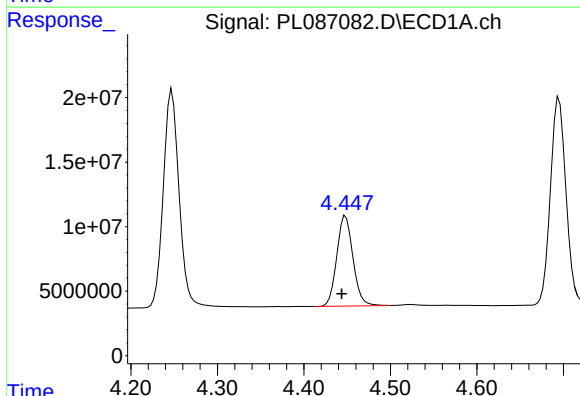
R.T.: 5.186 min  
Delta R.T.: 0.004 min  
Response: 202712080  
Conc: 50.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



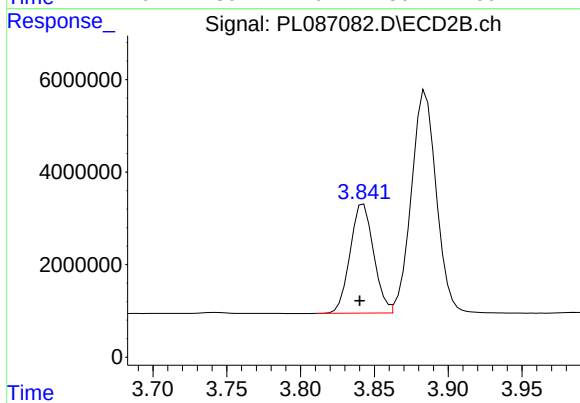
#5 Aldrin

R.T.: 4.166 min  
Delta R.T.: 0.002 min  
Response: 53227714  
Conc: 44.25 ng/ml



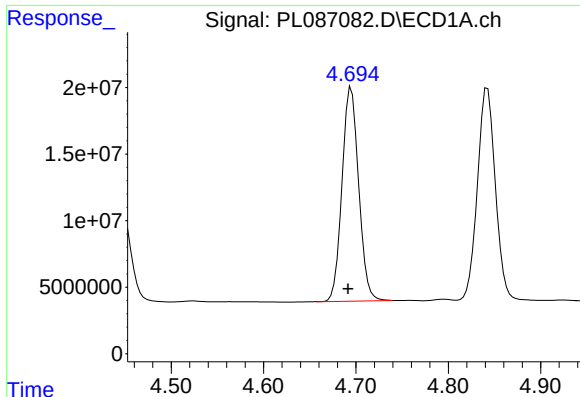
#6 beta-BHC

R.T.: 4.448 min  
Delta R.T.: 0.004 min  
Response: 90706564  
Conc: 53.34 ng/ml



#6 beta-BHC

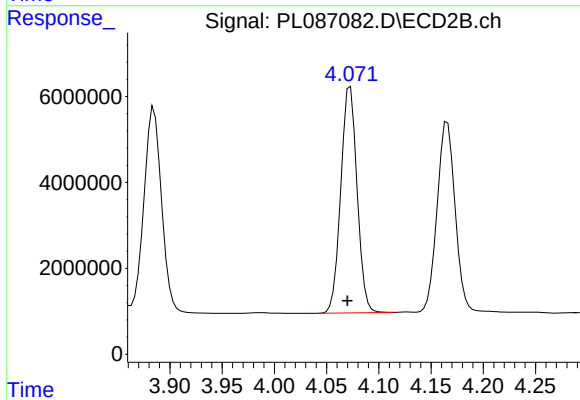
R.T.: 3.843 min  
Delta R.T.: 0.003 min  
Response: 26180154  
Conc: 46.15 ng/ml



#7 delta-BHC

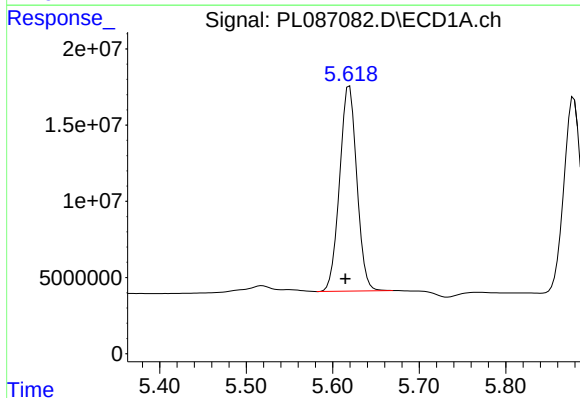
R.T.: 4.695 min  
Delta R.T.: 0.004 min  
Response: 201365062  
Conc: 55.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



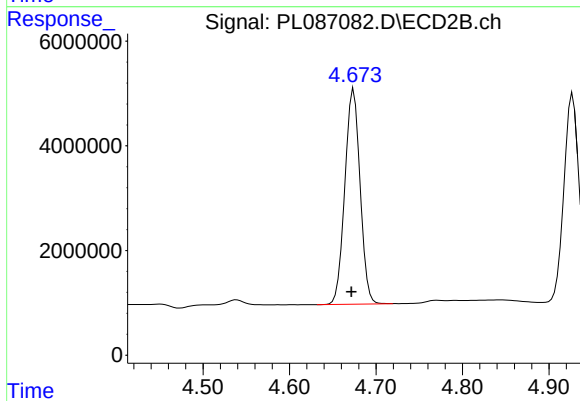
#7 delta-BHC

R.T.: 4.073 min  
Delta R.T.: 0.003 min  
Response: 57168827  
Conc: 47.04 ng/ml



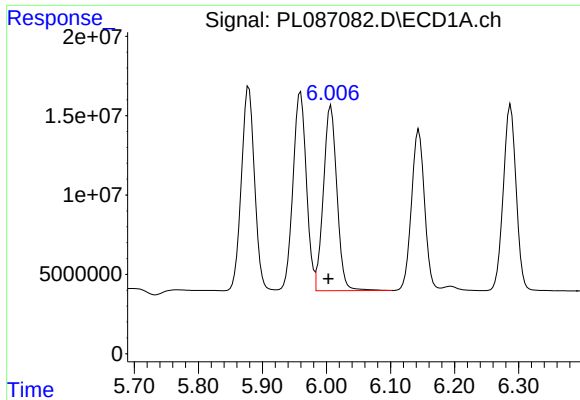
#8 Heptachlor epoxide

R.T.: 5.619 min  
Delta R.T.: 0.005 min  
Response: 185187820  
Conc: 52.56 ng/ml



#8 Heptachlor epoxide

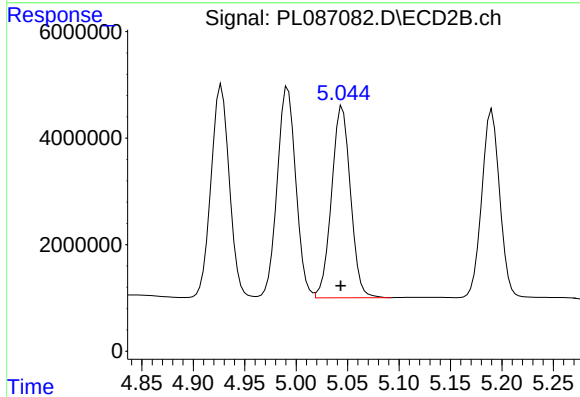
R.T.: 4.674 min  
Delta R.T.: 0.002 min  
Response: 50081689  
Conc: 45.34 ng/ml



#9 Endosulfan I

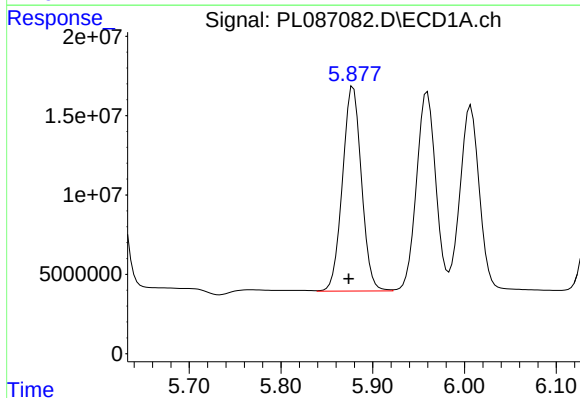
R.T.: 6.007 min  
Delta R.T.: 0.004 min  
Response: 171704859  
Conc: 52.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



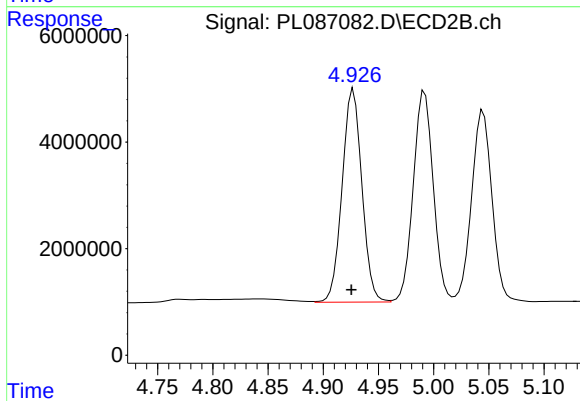
#9 Endosulfan I

R.T.: 5.045 min  
Delta R.T.: 0.002 min  
Response: 46211762  
Conc: 43.48 ng/ml



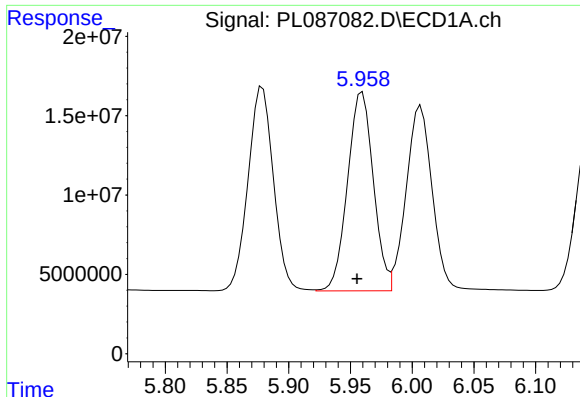
#10 gamma-Chlordane

R.T.: 5.879 min  
Delta R.T.: 0.005 min  
Response: 184847750  
Conc: 53.74 ng/ml



#10 gamma-Chlordane

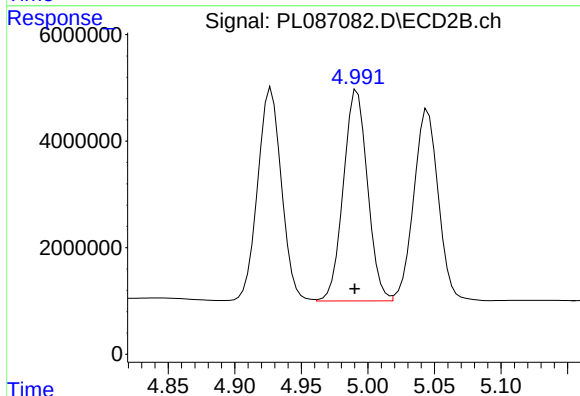
R.T.: 4.927 min  
Delta R.T.: 0.002 min  
Response: 49866861  
Conc: 46.35 ng/ml



#11 alpha-Chlordane

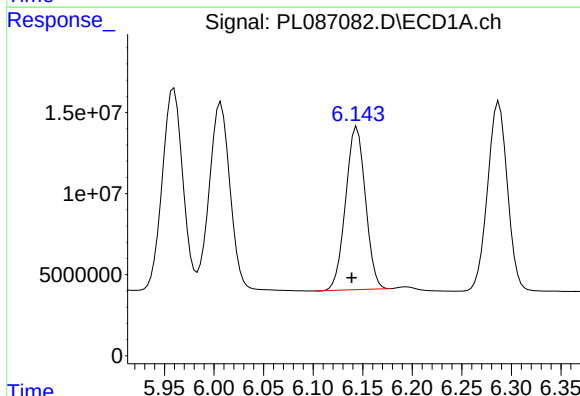
R.T.: 5.960 min  
Delta R.T.: 0.004 min  
Response: 182064166  
Conc: 53.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



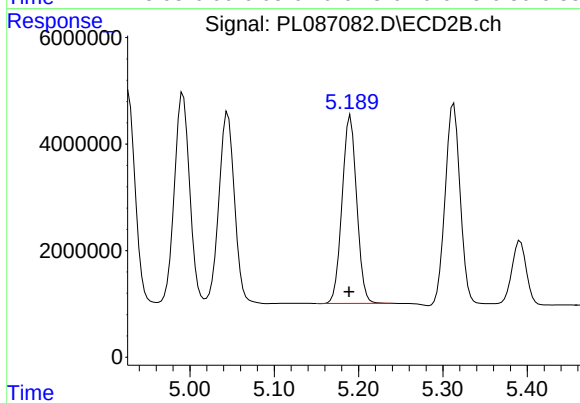
#11 alpha-Chlordane

R.T.: 4.992 min  
Delta R.T.: 0.002 min  
Response: 50070295  
Conc: 44.93 ng/ml



#12 4,4'-DDE

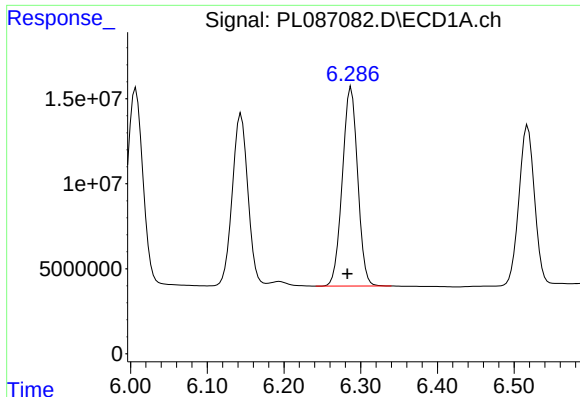
R.T.: 6.144 min  
Delta R.T.: 0.005 min  
Response: 139914479  
Conc: 55.80 ng/ml



#12 4,4'-DDE

R.T.: 5.190 min  
Delta R.T.: 0.002 min  
Response: 42560672  
Conc: 47.89 ng/ml

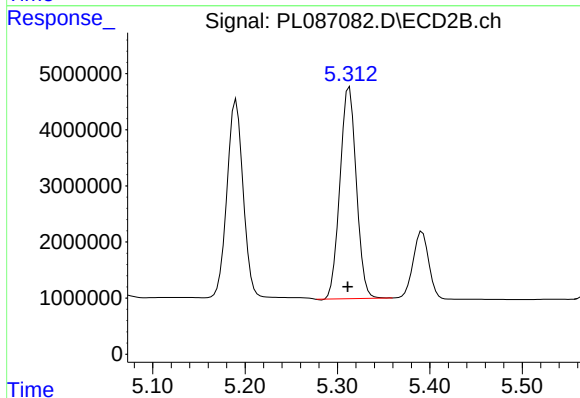




#13 Dieldrin

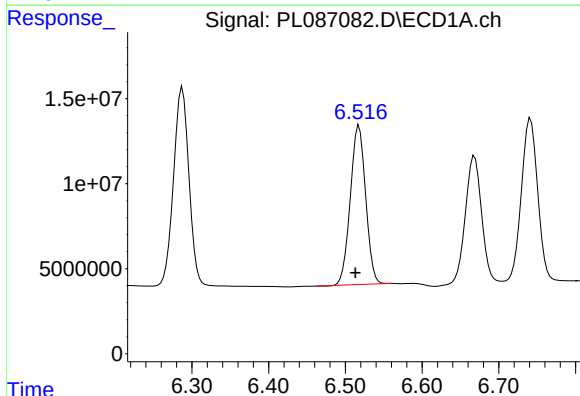
R.T.: 6.288 min  
Delta R.T.: 0.005 min  
Response: 162877869  
Conc: 50.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



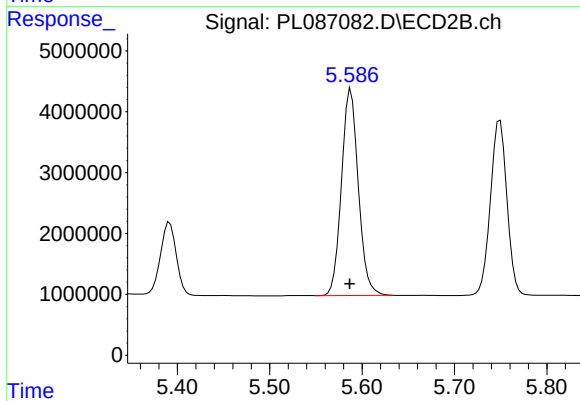
#13 Dieldrin

R.T.: 5.313 min  
Delta R.T.: 0.002 min  
Response: 46432746  
Conc: 46.33 ng/ml



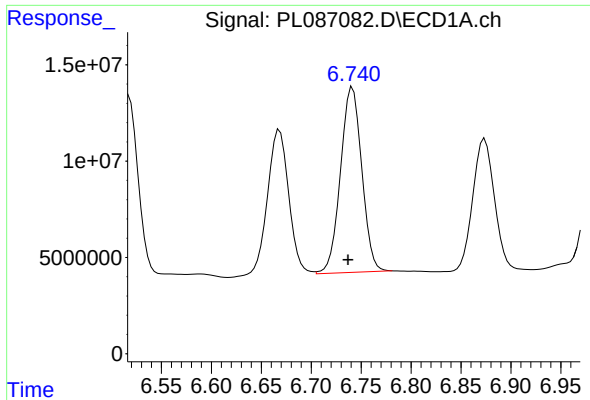
#14 Endrin

R.T.: 6.518 min  
Delta R.T.: 0.005 min  
Response: 131144848  
Conc: 59.43 ng/ml



#14 Endrin

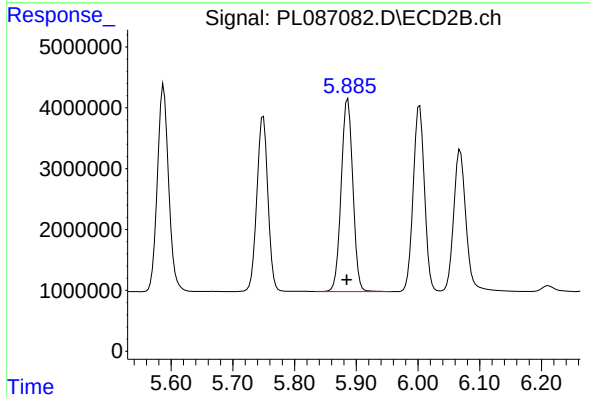
R.T.: 5.588 min  
Delta R.T.: 0.001 min  
Response: 43029640  
Conc: 52.75 ng/ml



#15 Endosulfan II

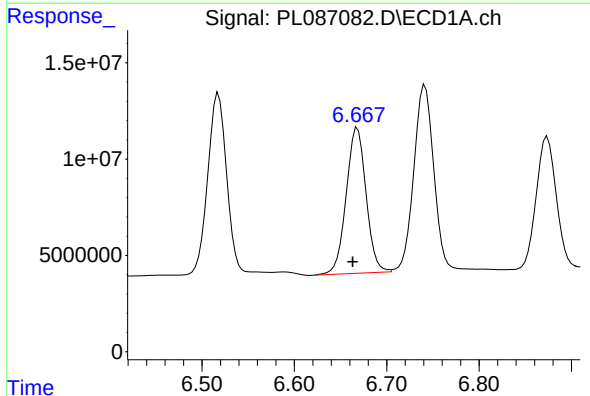
R.T.: 6.741 min  
Delta R.T.: 0.005 min  
Response: 142938408  
Conc: 55.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



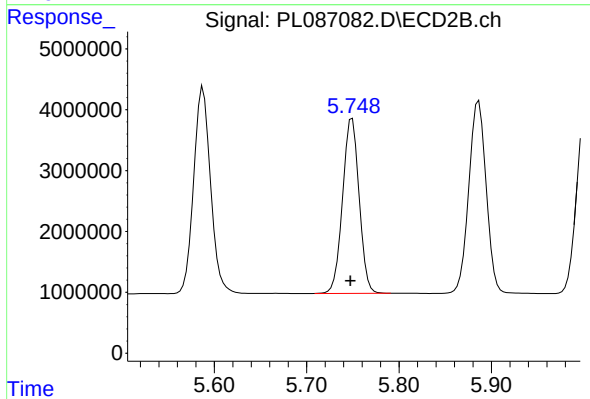
#15 Endosulfan II

R.T.: 5.886 min  
Delta R.T.: 0.002 min  
Response: 41510245  
Conc: 47.16 ng/ml



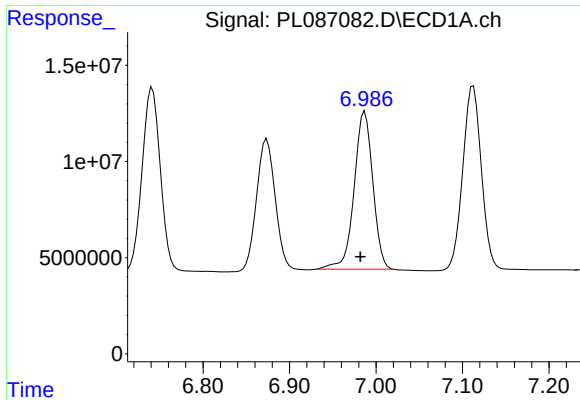
#16 4,4'-DDD

R.T.: 6.668 min  
Delta R.T.: 0.005 min  
Response: 112903691  
Conc: 56.18 ng/ml



#16 4,4'-DDD

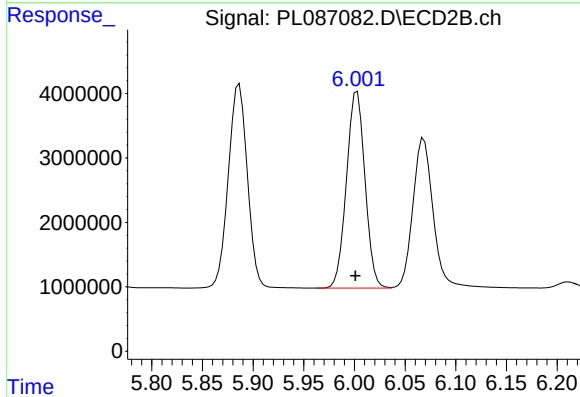
R.T.: 5.749 min  
Delta R.T.: 0.002 min  
Response: 35793404  
Conc: 46.17 ng/ml



#17 4,4'-DDT

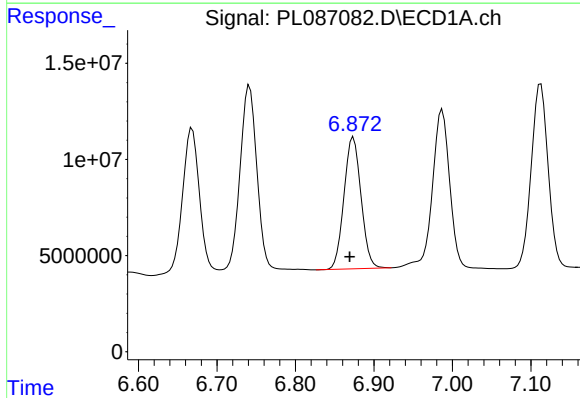
R.T.: 6.987 min  
Delta R.T.: 0.005 min  
Response: 123141122  
Conc: 62.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



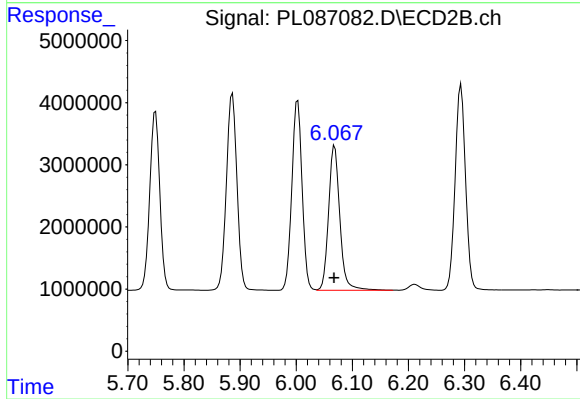
#17 4,4'-DDT

R.T.: 6.003 min  
Delta R.T.: 0.002 min  
Response: 38709482  
Conc: 50.98 ng/ml



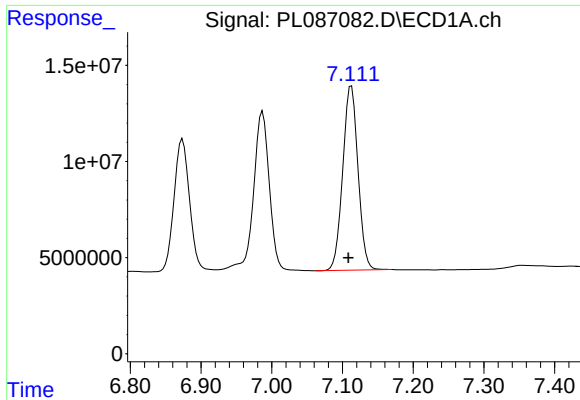
#18 Endrin aldehyde

R.T.: 6.874 min  
Delta R.T.: 0.005 min  
Response: 103449767  
Conc: 57.00 ng/ml



#18 Endrin aldehyde

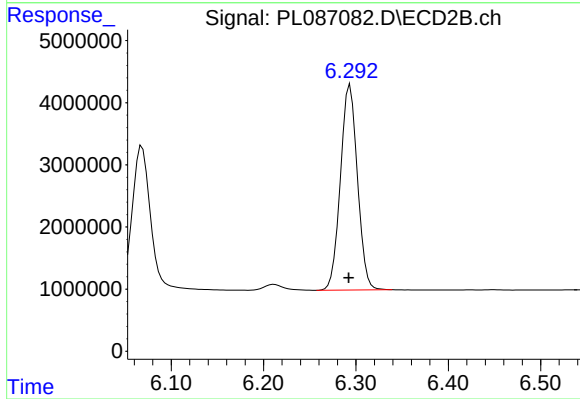
R.T.: 6.068 min  
Delta R.T.: 0.001 min  
Response: 32428267  
Conc: 47.36 ng/ml



#19 Endosulfan Sulfate

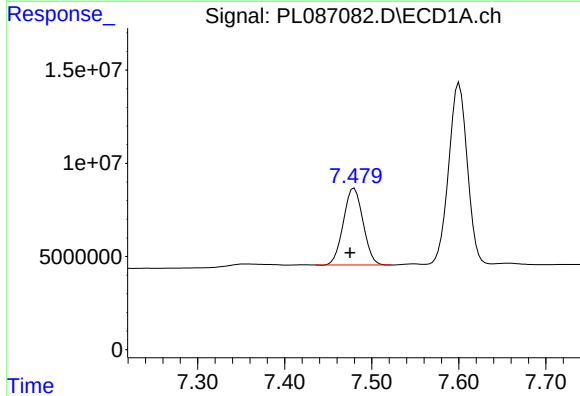
R.T.: 7.113 min  
Delta R.T.: 0.004 min  
Response: 143802437  
Conc: 58.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



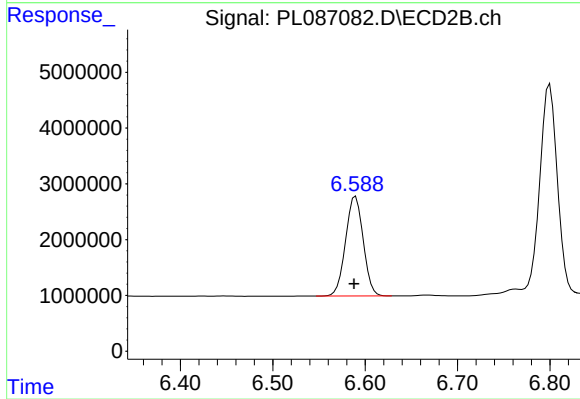
#19 Endosulfan Sulfate

R.T.: 6.294 min  
Delta R.T.: 0.001 min  
Response: 42333979  
Conc: 47.97 ng/ml



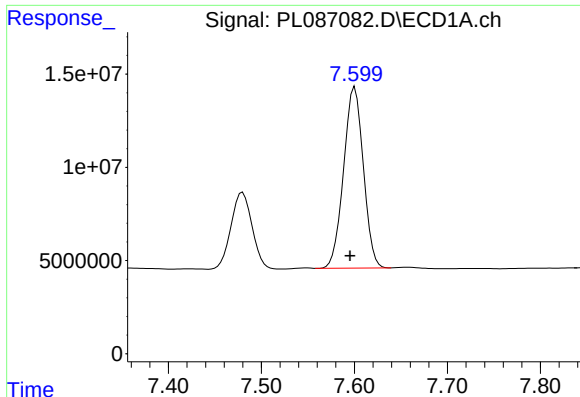
#20 Methoxychlor

R.T.: 7.480 min  
Delta R.T.: 0.005 min  
Response: 64711557  
Conc: 60.79 ng/ml



#20 Methoxychlor

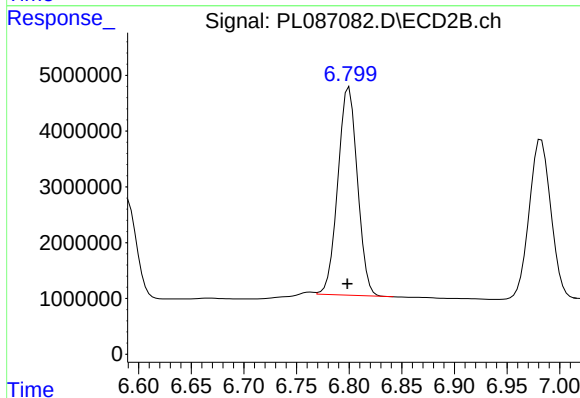
R.T.: 6.590 min  
Delta R.T.: 0.002 min  
Response: 23755761  
Conc: 49.69 ng/ml



#21 Endrin ketone

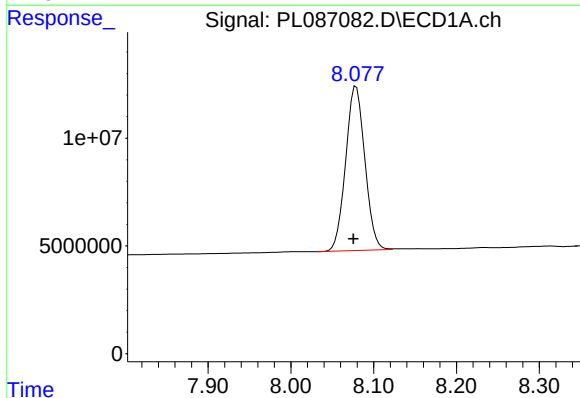
R.T.: 7.600 min  
Delta R.T.: 0.005 min  
Response: 143257050  
Conc: 56.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



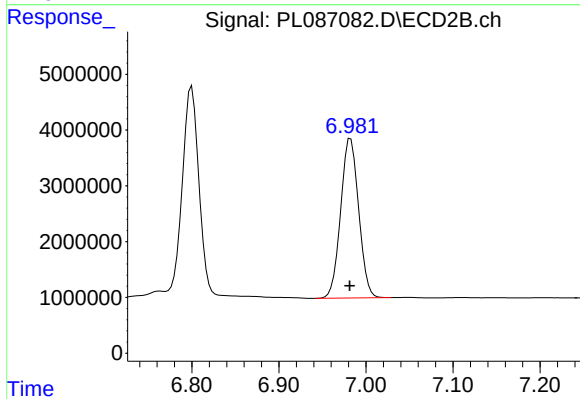
#21 Endrin ketone

R.T.: 6.800 min  
Delta R.T.: 0.002 min  
Response: 48424671  
Conc: 47.88 ng/ml



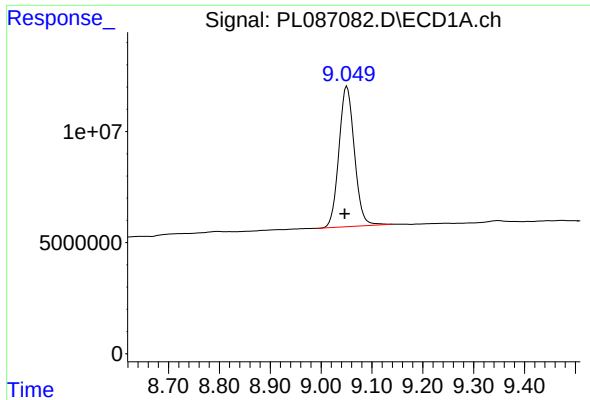
#22 Mirex

R.T.: 8.079 min  
Delta R.T.: 0.003 min  
Response: 122664118  
Conc: 54.47 ng/ml



#22 Mirex

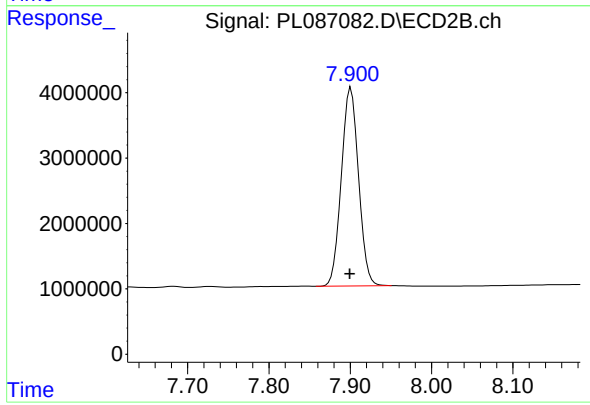
R.T.: 6.982 min  
Delta R.T.: 0.000 min  
Response: 41106765  
Conc: 46.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.051 min  
Delta R.T.: 0.004 min  
Response: 133585389  
Conc: 58.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.901 min  
Delta R.T.: 0.001 min  
Response: 44485750  
Conc: 46.23 ng/ml