

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050219\  
 Data File : PL048134.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 May 2019 15:02  
 Operator : AJ\SJ  
 Sample : K2652-01MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 DRUM-1-4MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 03 00:57:46 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 2019  
 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... | 3.328 | 3.940 | 190.6E6 | 50570470 | 19.679 | 20.302 |
| 28)                         | SA Decachlor... | 7.997 | 8.978 | 142.4E6 | 40476392 | 14.163 | 15.249 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.756 | 4.329 | 816.4E6 | 189.4E6  | 52.784 | 53.924 |
| 3)                          | MA gamma-BHC... | 4.032 | 4.612 | 752.4E6 | 173.8E6  | 52.953 | 53.212 |
| 4)                          | MA Heptachlor   | 4.318 | 5.116 | 732.8E6 | 169.7E6  | 49.812 | 49.020 |
| 5)                          | MB Aldrin       | 4.556 | 5.419 | 681.5E6 | 153.7E6  | 49.737 | 49.632 |
| 6)                          | B beta-BHC      | 4.286 | 4.787 | 295.7E6 | 78105848 | 50.104 | 50.196 |
| 7)                          | B delta-BHC     | 4.480 | 5.001 | 647.7E6 | 124.2E6  | 45.878 | 43.935 |
| 8)                          | B Heptachlo...  | 4.993 | 5.806 | 598.5E6 | 133.4E6  | 46.450 | 45.727 |
| 9)                          | A Endosulfan I  | 5.324 | 6.161 | 527.0E6 | 130.0E6  | 43.810 | 45.978 |
| 10)                         | B gamma-Chl...  | 5.216 | 6.040 | 582.6E6 | 139.6E6  | 43.635 | 45.355 |
| 11)                         | B alpha-Chl...  | 5.272 | 6.111 | 568.0E6 | 139.7E6  | 43.443 | 45.522 |
| 12)                         | B 4,4'-DDE      | 5.439 | 6.271 | 539.7E6 | 124.3E6  | 42.546 | 45.033 |
| 13)                         | MA Dieldrin     | 5.563 | 6.418 | 569.8E6 | 134.8E6  | 43.764 | 45.961 |
| 14)                         | MA Endrin       | 5.815 | 6.635 | 538.2E6 | 117.6E6  | 44.207 | 45.109 |
| 15)                         | B Endosulfa...  | 6.090 | 6.845 | 465.0E6 | 117.3E6  | 40.293 | 43.509 |
| 16)                         | A 4,4'-DDD      | 5.950 | 6.761 | 423.4E6 | 102.5E6  | 43.498 | 45.655 |
| 17)                         | MA 4,4'-DDT     | 6.184 | 7.059 | 400.1E6 | 99778568 | 39.828 | 42.520 |
| 18)                         | B Endrin al...  | 6.257 | 6.969 | 372.8E6 | 98694363 | 38.362 | 42.115 |
| 19)                         | B Endosulfa...  | 6.468 | 7.192 | 434.6E6 | 113.5E6  | 40.493 | 43.857 |
| 20)                         | A Methoxychlor  | 6.729 | 7.519 | 204.1E6 | 58660990 | 37.484 | 42.969 |
| 21)                         | B Endrin ke...  | 6.950 | 7.661 | 465.1E6 | 117.1E6  | 39.903 | 44.821 |
| 22)                         | Mirex           | 7.124 | 8.111 | 321.0E6 | 88884017 | 35.811 | 42.148 |
| -----                       |                 |       |       |         |          |        |        |

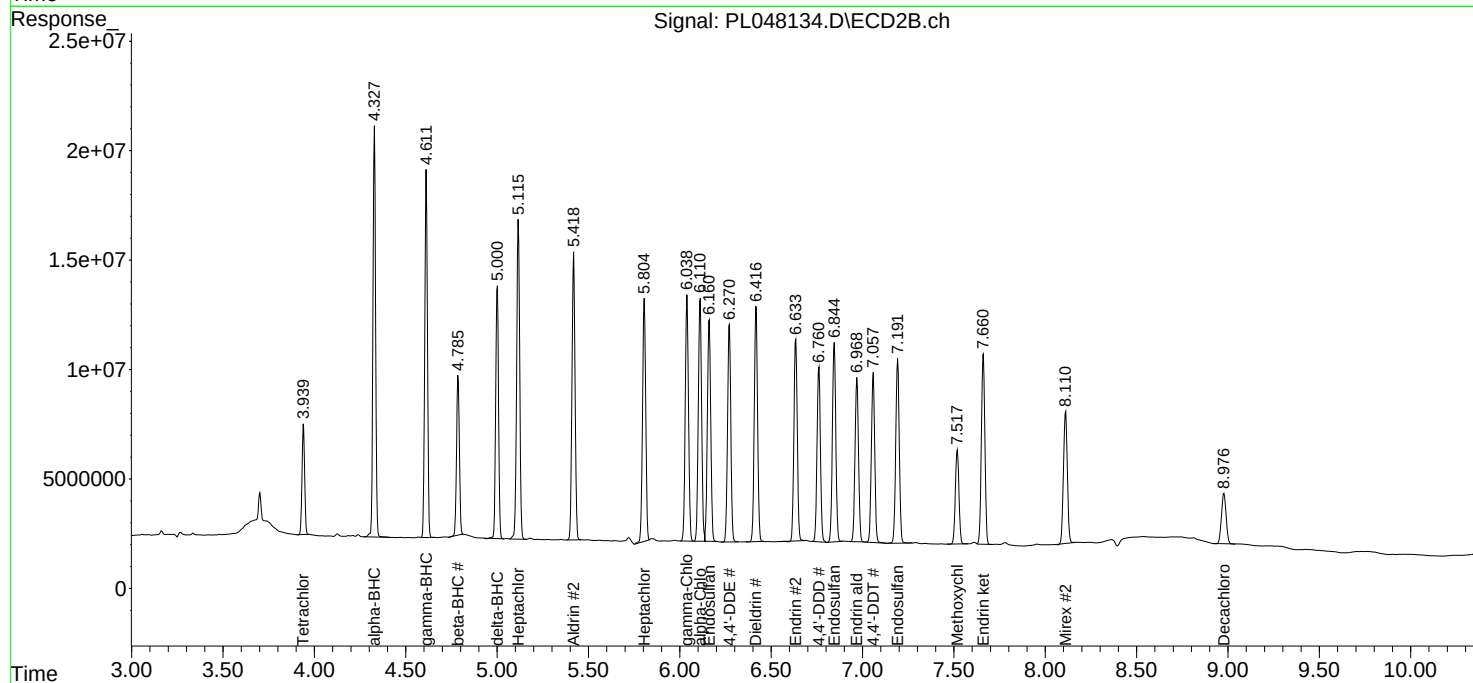
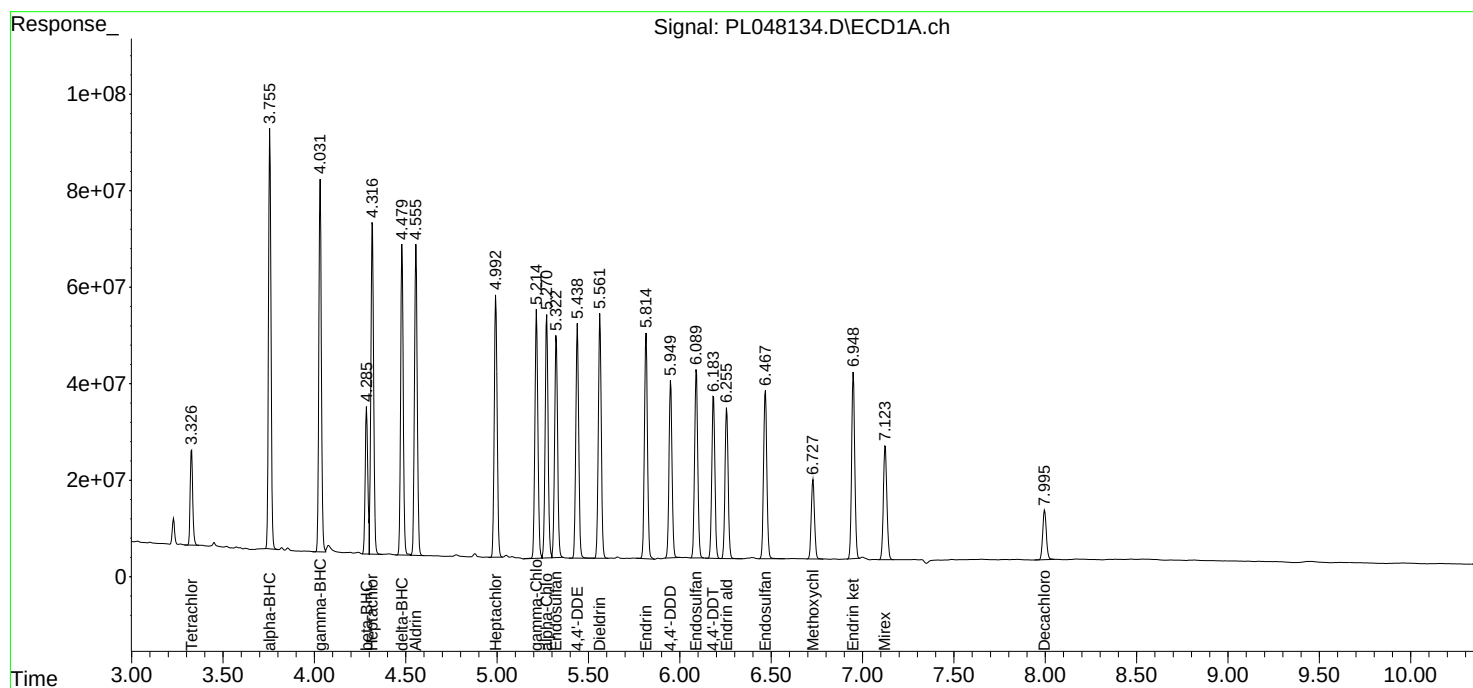
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

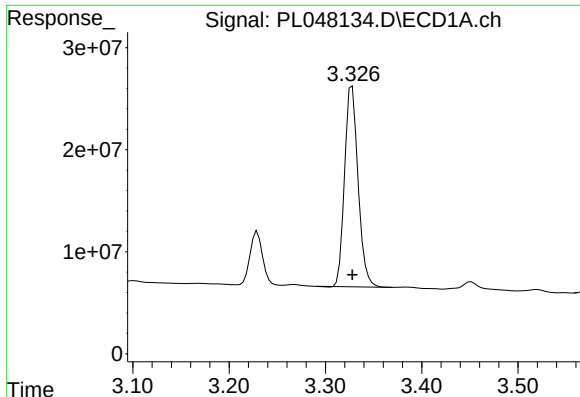
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050219\  
Data File : PL048134.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 May 2019 15:02  
Operator : AJ\SJ  
Sample : K2652-01MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
DRUM-1-4MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 03 00:57:46 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
Quant Title : GC Extractables  
QLast Update : Thu May 02 09:36:55 2019  
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

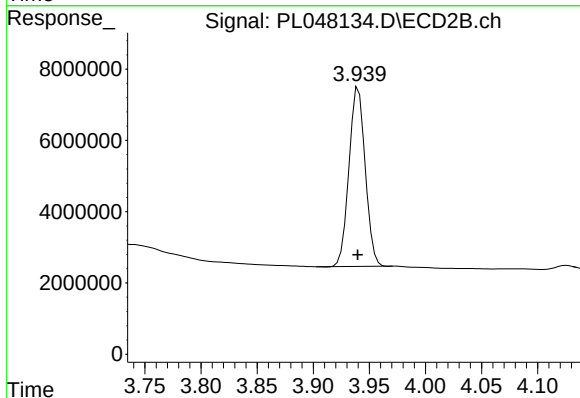




#1 Tetrachloro-m-xylene

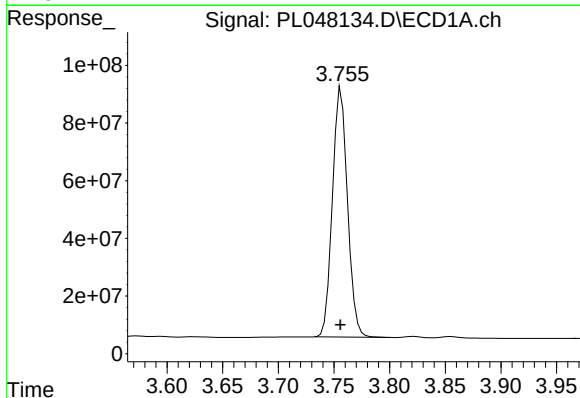
R.T.: 3.328 min  
Delta R.T.: 0.000 min  
Response: 190630879  
Conc: 19.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-1-4MSD



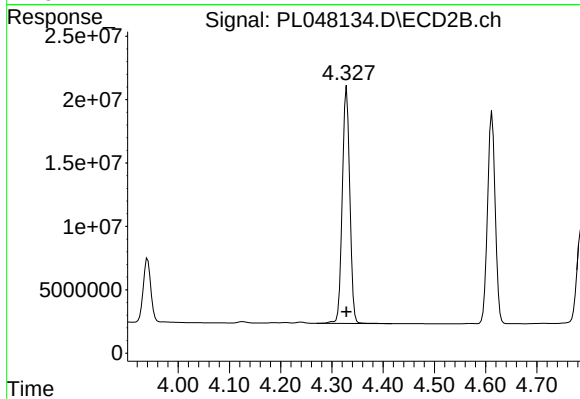
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 50570470  
Conc: 20.30 ng/ml



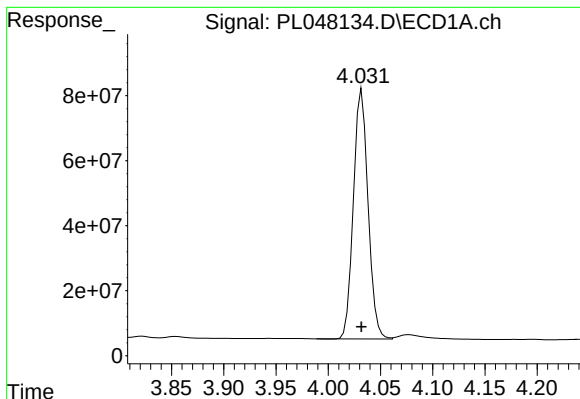
#2 alpha-BHC

R.T.: 3.756 min  
Delta R.T.: 0.000 min  
Response: 816438778  
Conc: 52.78 ng/ml



#2 alpha-BHC

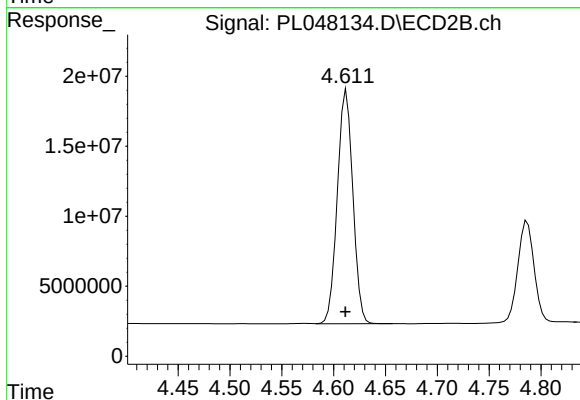
R.T.: 4.329 min  
Delta R.T.: 0.000 min  
Response: 189379549  
Conc: 53.92 ng/ml



#3 gamma-BHC (Lindane)

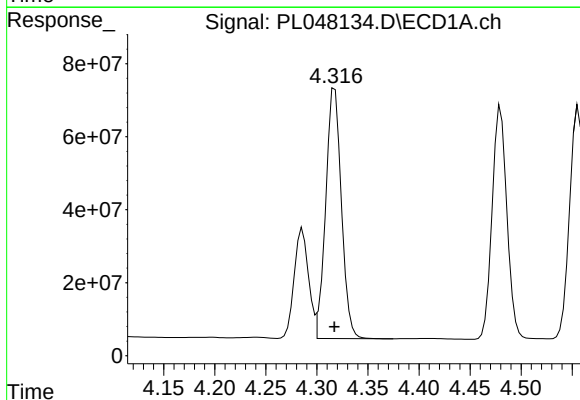
R.T.: 4.032 min  
Delta R.T.: 0.000 min  
Response: 752419170  
Conc: 52.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-1-4MSD



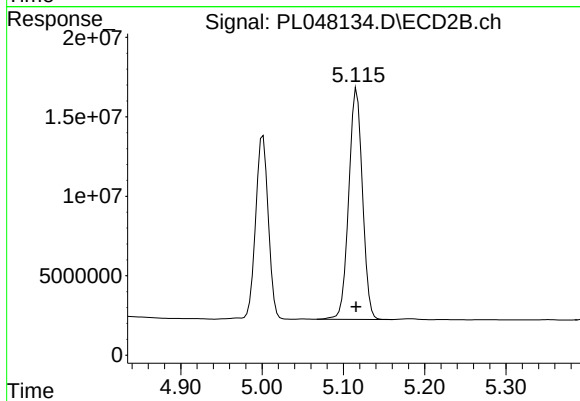
#3 gamma-BHC (Lindane)

R.T.: 4.612 min  
Delta R.T.: 0.000 min  
Response: 173797358  
Conc: 53.21 ng/ml



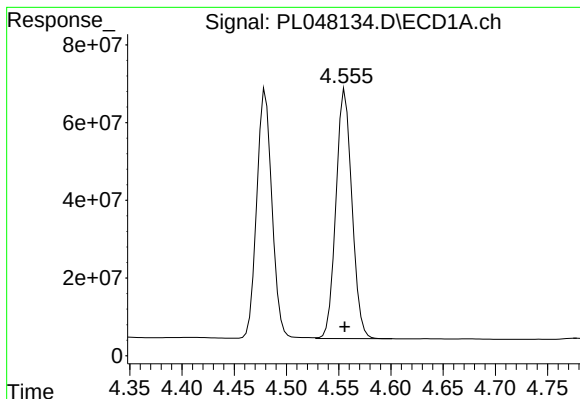
#4 Heptachlor

R.T.: 4.318 min  
Delta R.T.: 0.000 min  
Response: 732840619  
Conc: 49.81 ng/ml



#4 Heptachlor

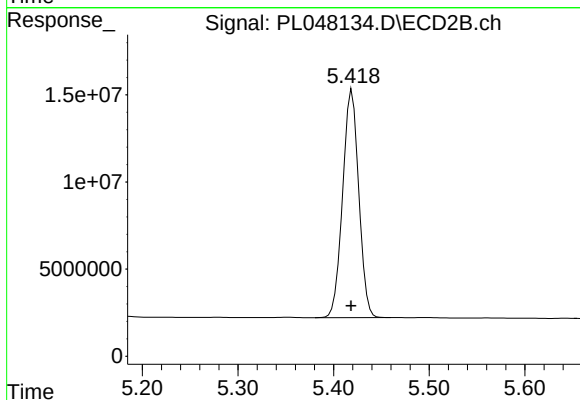
R.T.: 5.116 min  
Delta R.T.: 0.000 min  
Response: 169697466  
Conc: 49.02 ng/ml



#5 Aldrin

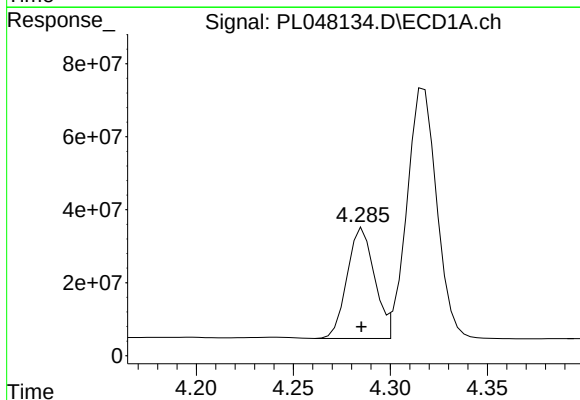
R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 681479758  
Conc: 49.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-1-4MSD



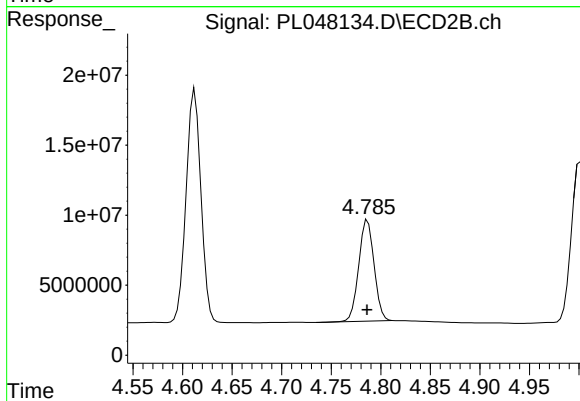
#5 Aldrin

R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 153690492  
Conc: 49.63 ng/ml



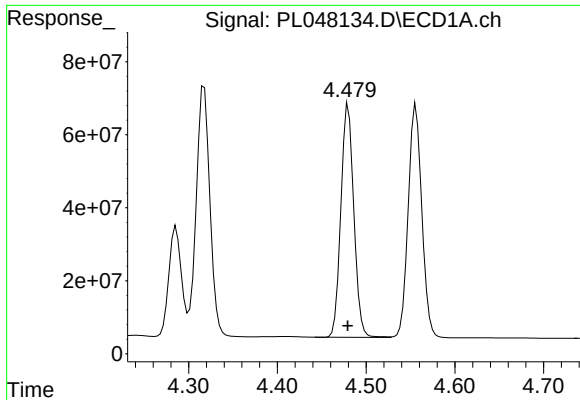
#6 beta-BHC

R.T.: 4.286 min  
Delta R.T.: 0.000 min  
Response: 295695227  
Conc: 50.10 ng/ml



#6 beta-BHC

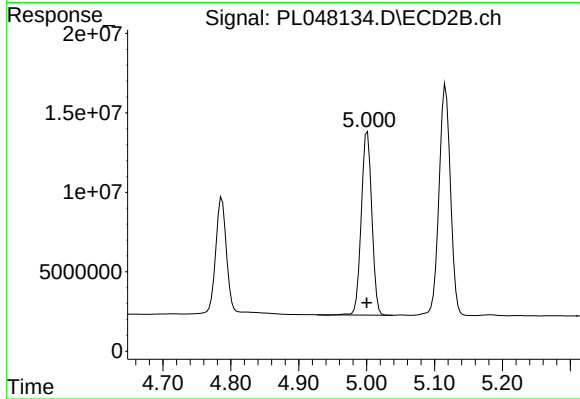
R.T.: 4.787 min  
Delta R.T.: 0.000 min  
Response: 78105848  
Conc: 50.20 ng/ml



#7 delta-BHC

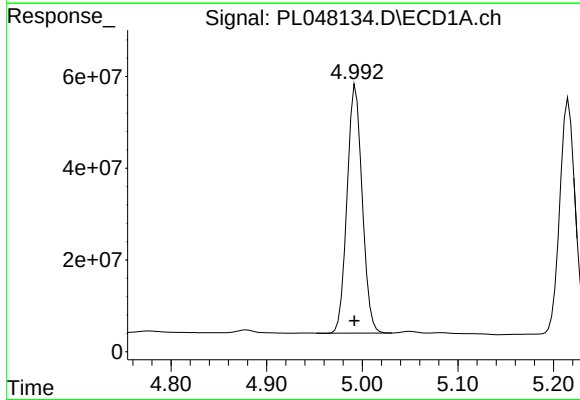
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 647744860  
Conc: 45.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-1-4MSD



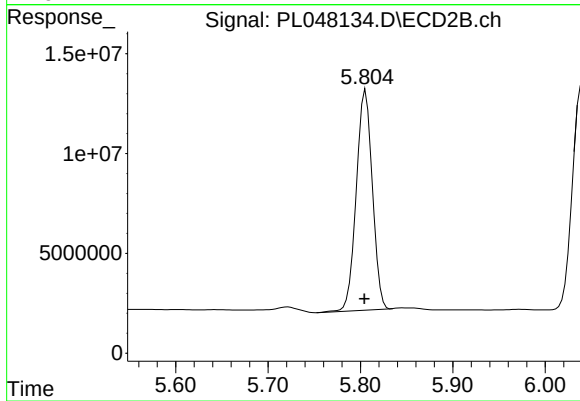
#7 delta-BHC

R.T.: 5.001 min  
Delta R.T.: 0.001 min  
Response: 124242916  
Conc: 43.93 ng/ml



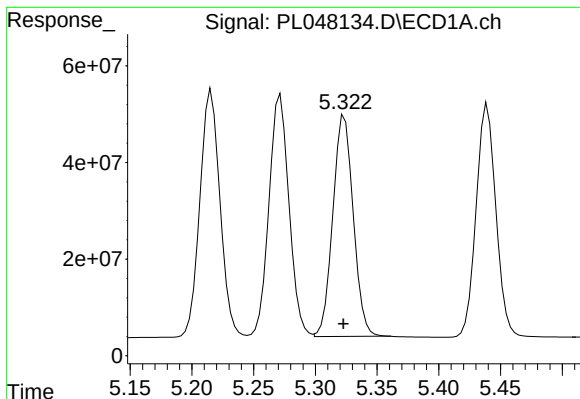
#8 Heptachlor epoxide

R.T.: 4.993 min  
Delta R.T.: 0.001 min  
Response: 598498682  
Conc: 46.45 ng/ml



#8 Heptachlor epoxide

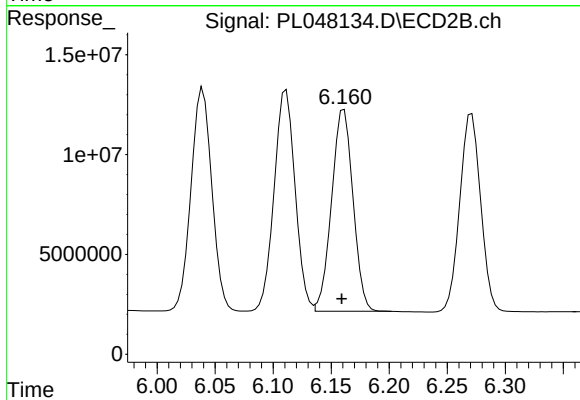
R.T.: 5.806 min  
Delta R.T.: 0.001 min  
Response: 133373647  
Conc: 45.73 ng/ml



#9 Endosulfan I

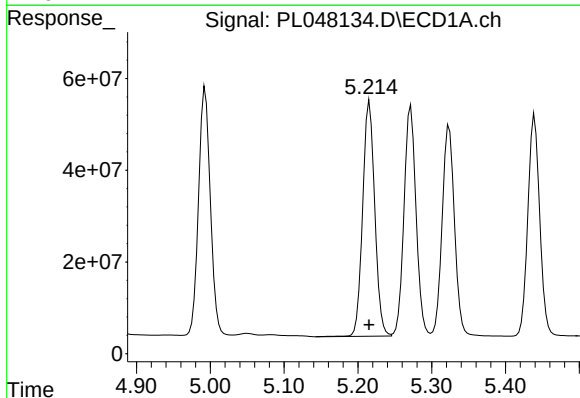
R.T.: 5.324 min  
Delta R.T.: 0.000 min  
Response: 527028202  
Conc: 43.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-1-4MSD



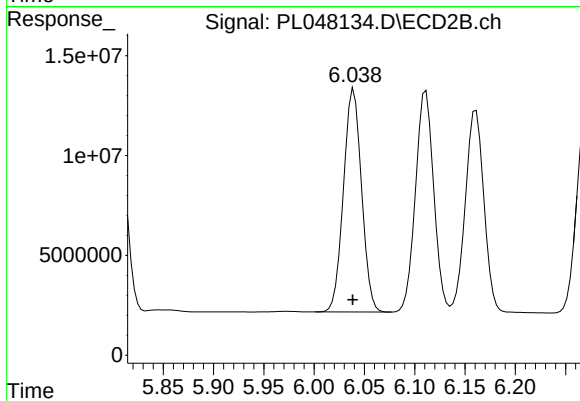
#9 Endosulfan I

R.T.: 6.161 min  
Delta R.T.: 0.002 min  
Response: 130003619  
Conc: 45.98 ng/ml



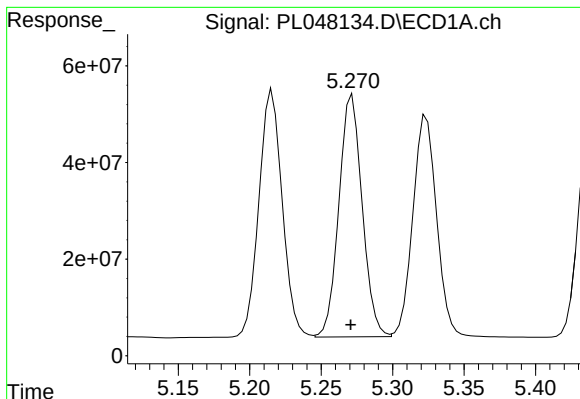
#10 gamma-Chlordane

R.T.: 5.216 min  
Delta R.T.: 0.000 min  
Response: 582630915  
Conc: 43.64 ng/ml



#10 gamma-Chlordane

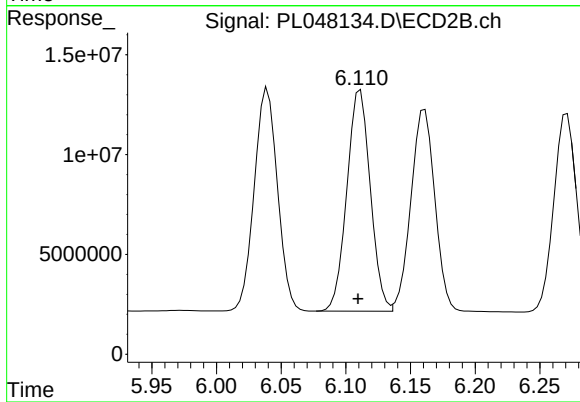
R.T.: 6.040 min  
Delta R.T.: 0.001 min  
Response: 139633279  
Conc: 45.36 ng/ml



#11 alpha-Chlordane

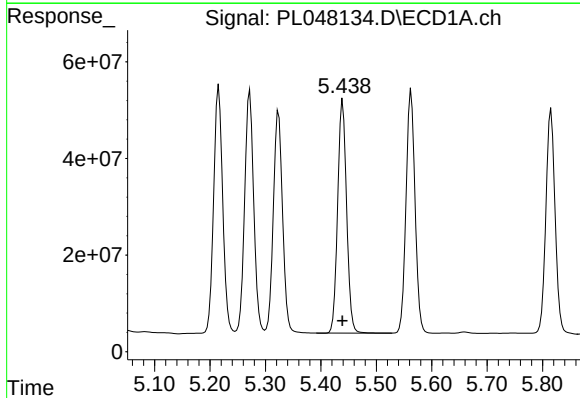
R.T.: 5.272 min  
Delta R.T.: 0.001 min  
Response: 567950111  
Conc: 43.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-1-4MSD



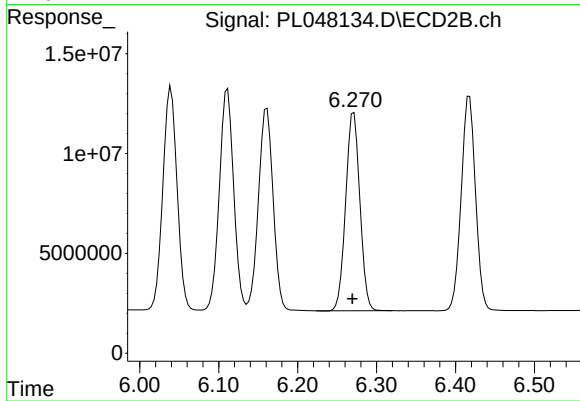
#11 alpha-Chlordane

R.T.: 6.111 min  
Delta R.T.: 0.002 min  
Response: 139674020  
Conc: 45.52 ng/ml



#12 4,4'-DDE

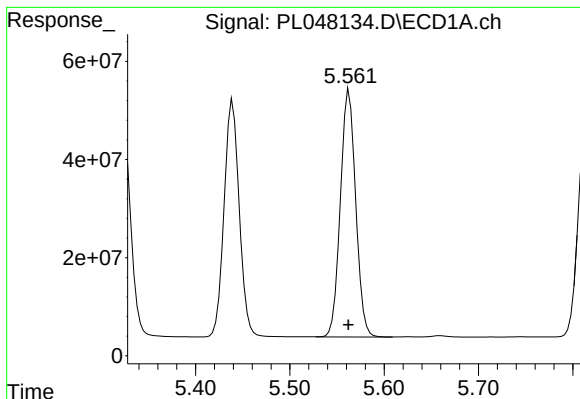
R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 539702671  
Conc: 42.55 ng/ml



#12 4,4'-DDE

R.T.: 6.271 min  
Delta R.T.: 0.002 min  
Response: 124333372  
Conc: 45.03 ng/ml

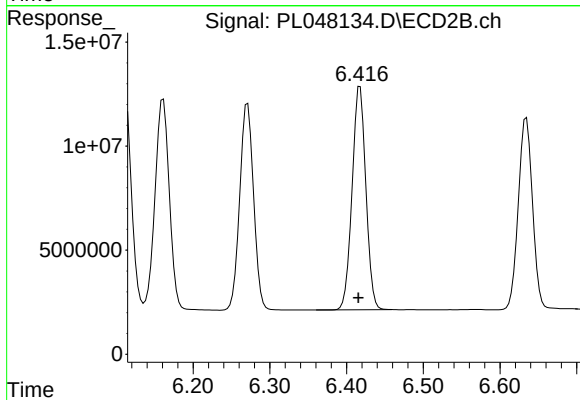




#13 Dieldrin

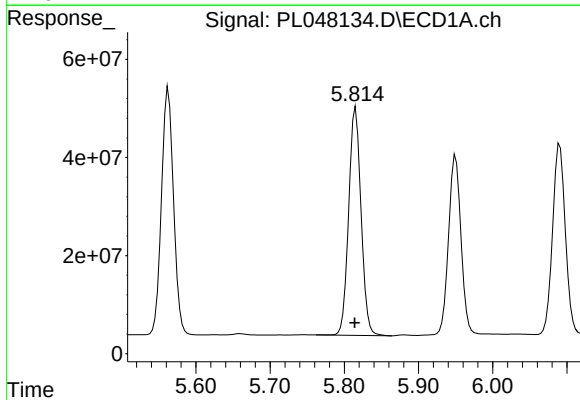
R.T.: 5.563 min  
Delta R.T.: 0.000 min  
Response: 569835130  
Conc: 43.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-1-4MSD



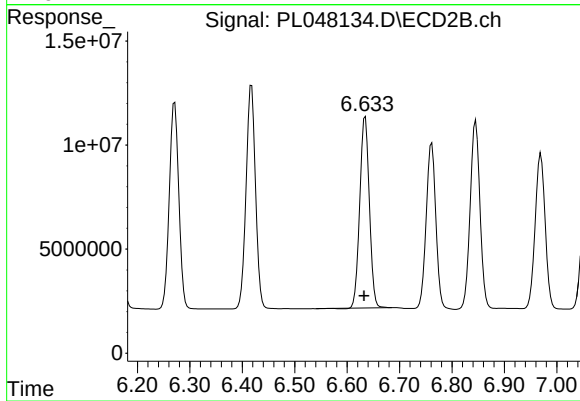
#13 Dieldrin

R.T.: 6.418 min  
Delta R.T.: 0.002 min  
Response: 134835405  
Conc: 45.96 ng/ml



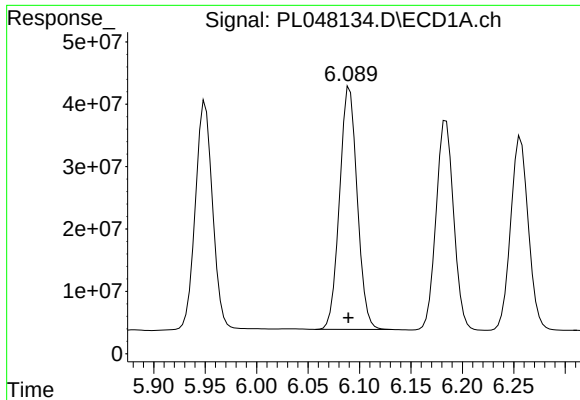
#14 Endrin

R.T.: 5.815 min  
Delta R.T.: 0.001 min  
Response: 538170698  
Conc: 44.21 ng/ml



#14 Endrin

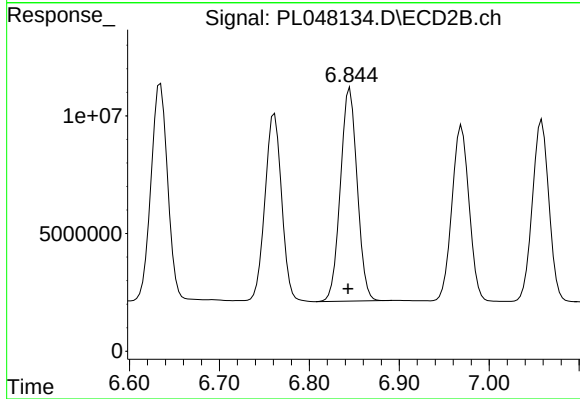
R.T.: 6.635 min  
Delta R.T.: 0.002 min  
Response: 117617316  
Conc: 45.11 ng/ml



#15 Endosulfan II

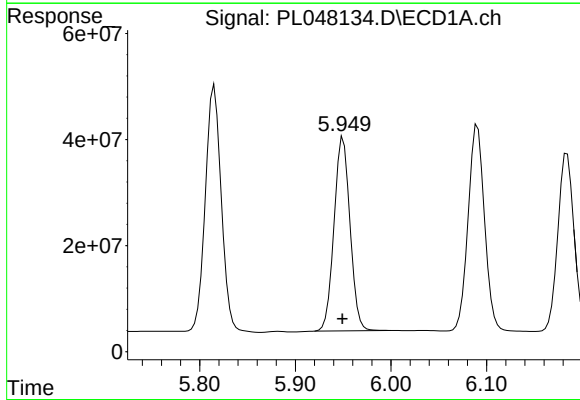
R.T.: 6.090 min  
Delta R.T.: 0.001 min  
Response: 465005708  
Conc: 40.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-1-4MSD



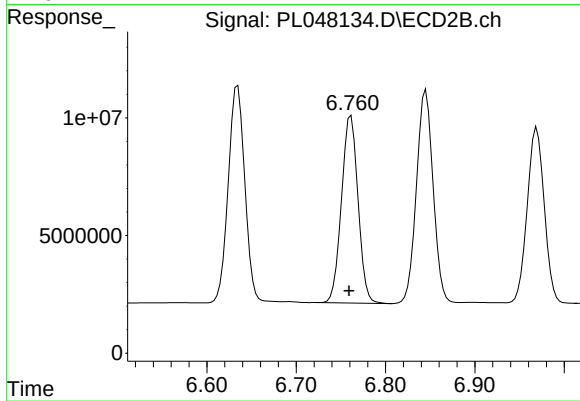
#15 Endosulfan II

R.T.: 6.845 min  
Delta R.T.: 0.002 min  
Response: 117327383  
Conc: 43.51 ng/ml



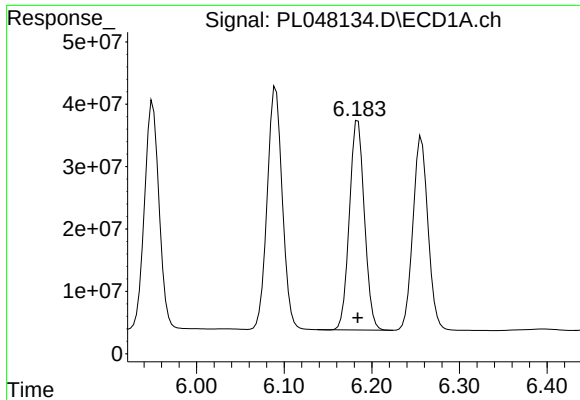
#16 4,4'-DDD

R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 423415260  
Conc: 43.50 ng/ml



#16 4,4'-DDD

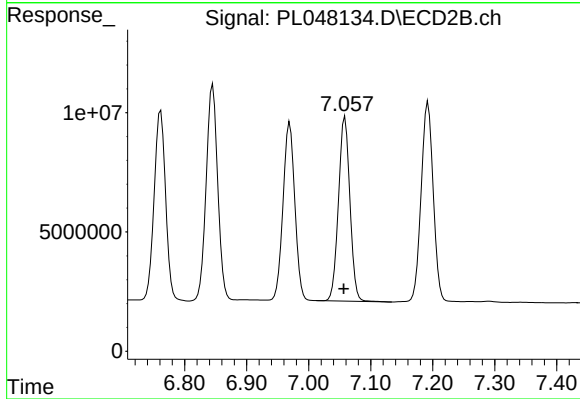
R.T.: 6.761 min  
Delta R.T.: 0.002 min  
Response: 102452060  
Conc: 45.65 ng/ml



#17 4,4'-DDT

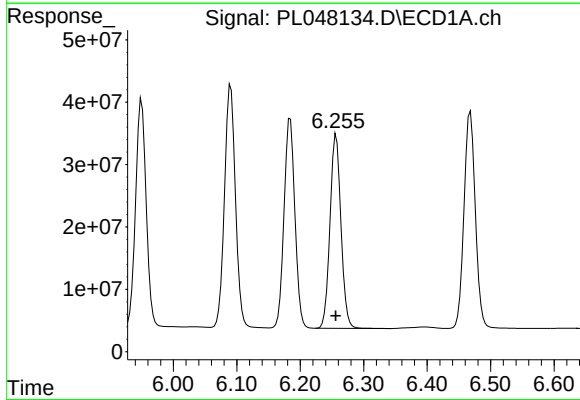
R.T.: 6.184 min  
Delta R.T.: 0.000 min  
Response: 400134061  
Conc: 39.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-1-4MSD



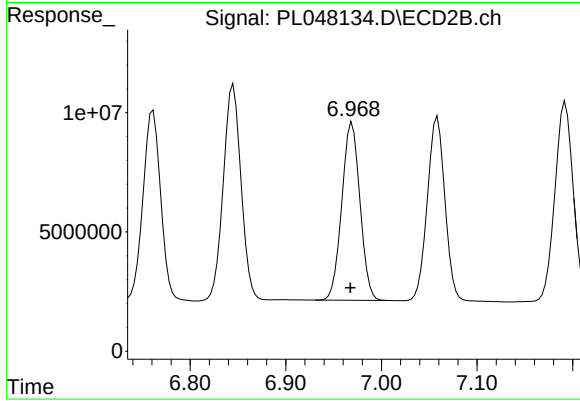
#17 4,4'-DDT

R.T.: 7.059 min  
Delta R.T.: 0.002 min  
Response: 99778568  
Conc: 42.52 ng/ml



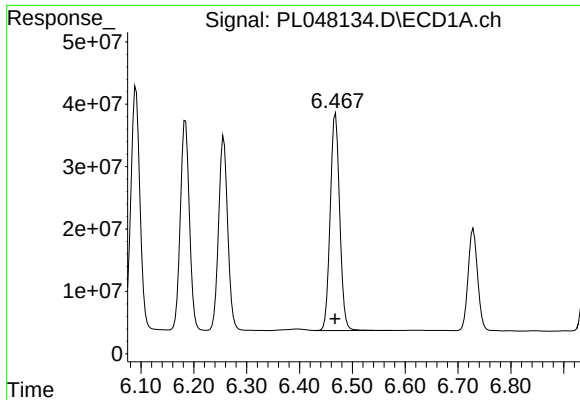
#18 Endrin aldehyde

R.T.: 6.257 min  
Delta R.T.: 0.000 min  
Response: 372815651  
Conc: 38.36 ng/ml



#18 Endrin aldehyde

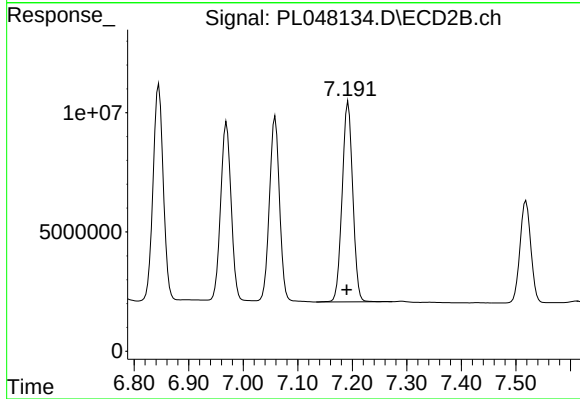
R.T.: 6.969 min  
Delta R.T.: 0.002 min  
Response: 98694363  
Conc: 42.11 ng/ml



#19 Endosulfan Sulfate

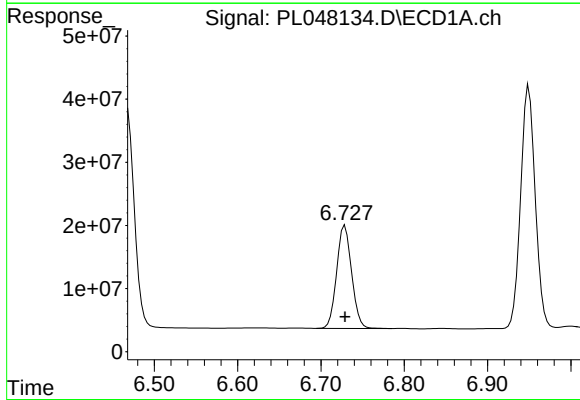
R.T.: 6.468 min  
Delta R.T.: 0.000 min  
Response: 434597724  
Conc: 40.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-1-4MSD



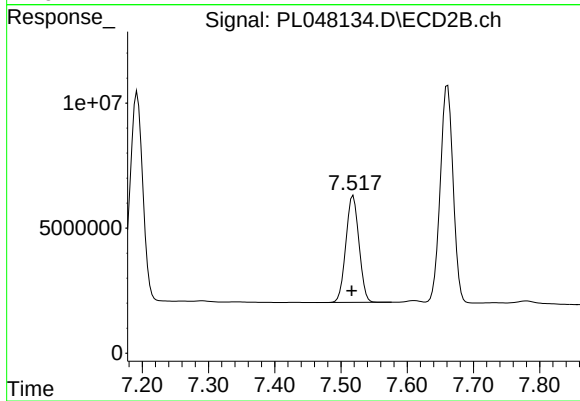
#19 Endosulfan Sulfate

R.T.: 7.192 min  
Delta R.T.: 0.003 min  
Response: 113511883  
Conc: 43.86 ng/ml



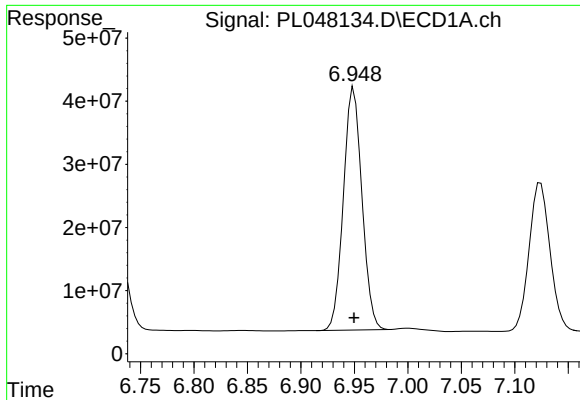
#20 Methoxychlor

R.T.: 6.729 min  
Delta R.T.: 0.000 min  
Response: 204091481  
Conc: 37.48 ng/ml



#20 Methoxychlor

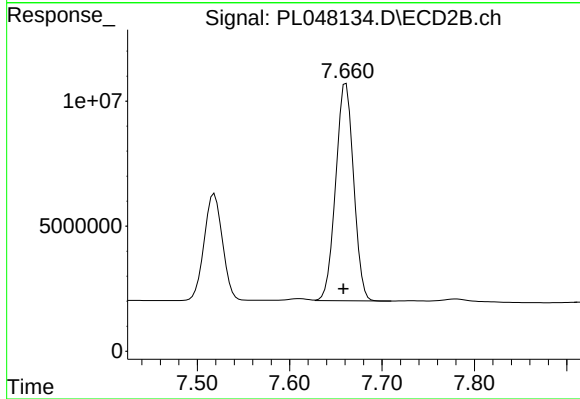
R.T.: 7.519 min  
Delta R.T.: 0.002 min  
Response: 58660990  
Conc: 42.97 ng/ml



#21 Endrin ketone

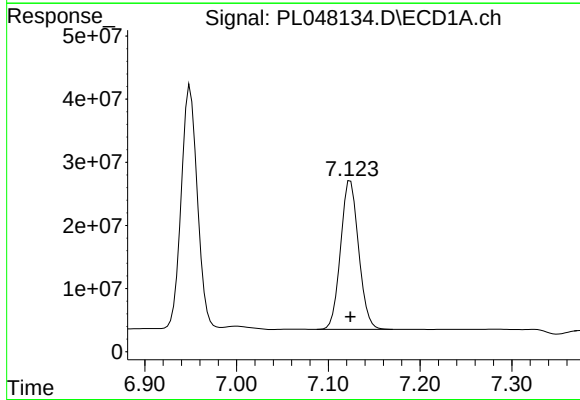
R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 465067482  
Conc: 39.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-1-4MSD



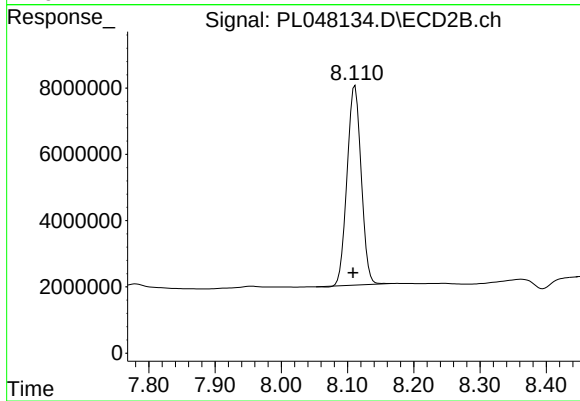
#21 Endrin ketone

R.T.: 7.661 min  
Delta R.T.: 0.003 min  
Response: 117107278  
Conc: 44.82 ng/ml



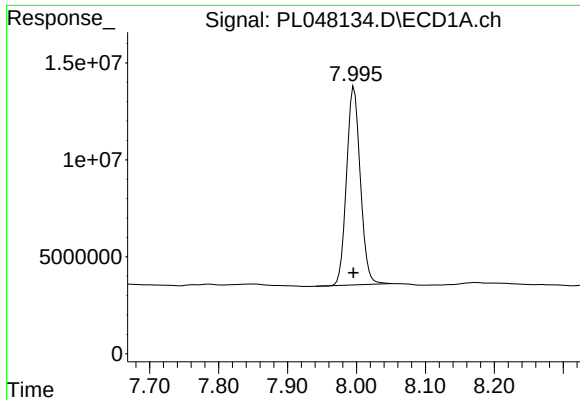
#22 Mirex

R.T.: 7.124 min  
Delta R.T.: 0.000 min  
Response: 321006288  
Conc: 35.81 ng/ml



#22 Mirex

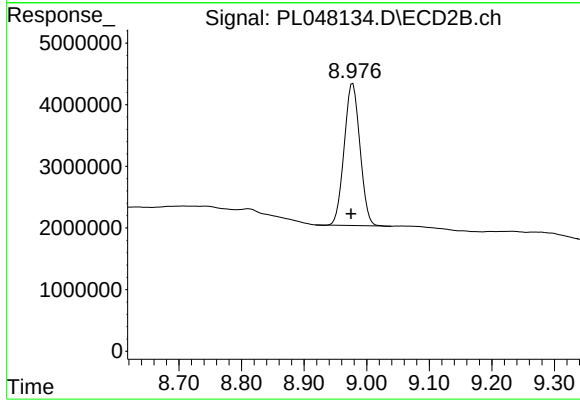
R.T.: 8.111 min  
Delta R.T.: 0.003 min  
Response: 88884017  
Conc: 42.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.997 min  
Delta R.T.: 0.000 min  
Response: 142392849  
Conc: 14.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-1-4MSD



#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: 0.003 min  
Response: 40476392  
Conc: 15.25 ng/ml