

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050219\  
 Data File : PL048142.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 May 2019 17:03  
 Operator : AJ\SJ  
 Sample : PB119402BSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB119402BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 03 01:00:18 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 | 193.2E6 | 51695077 | 19.945 | 20.754 |
| 28)                         | SA Decachlor... | 7.997 | 8.977 | 193.8E6 | 53340262 | 19.276 | 20.096 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.756 | 4.329 | 816.3E6 | 188.0E6  | 52.777 | 53.534 |
| 3)                          | MA gamma-BHC... | 4.032 | 4.612 | 757.5E6 | 175.6E6  | 53.311 | 53.752 |
| 4)                          | MA Heptachlor   | 4.317 | 5.116 | 788.4E6 | 185.3E6  | 53.587 | 53.514 |
| 5)                          | MB Aldrin       | 4.556 | 5.419 | 748.5E6 | 168.9E6  | 54.631 | 54.528 |
| 6)                          | B beta-BHC      | 4.285 | 4.786 | 305.9E6 | 80548925 | 51.829 | 51.766 |
| 7)                          | B delta-BHC     | 4.480 | 5.001 | 689.7E6 | 149.1E6  | 48.848 | 52.714 |
| 8)                          | B Heptachlo...  | 4.993 | 5.805 | 677.4E6 | 154.8E6  | 52.570 | 53.057 |
| 9)                          | A Endosulfan I  | 5.323 | 6.160 | 632.2E6 | 144.8E6  | 52.554 | 51.224 |
| 10)                         | B gamma-Chl...  | 5.215 | 6.039 | 689.7E6 | 158.4E6  | 51.656 | 51.453 |
| 11)                         | B alpha-Chl...  | 5.272 | 6.111 | 670.7E6 | 156.8E6  | 51.300 | 51.115 |
| 12)                         | B 4,4'-DDE      | 5.439 | 6.270 | 657.8E6 | 143.8E6  | 51.856 | 52.096 |
| 13)                         | MA Dieldrin     | 5.562 | 6.417 | 673.9E6 | 151.1E6  | 51.756 | 51.518 |
| 14)                         | MA Endrin       | 5.815 | 6.634 | 574.4E6 | 125.4E6  | 47.184 | 48.090 |
| 15)                         | B Endosulfa...  | 6.090 | 6.845 | 552.7E6 | 132.4E6  | 47.890 | 49.115 |
| 16)                         | A 4,4'-DDD      | 5.950 | 6.761 | 524.8E6 | 121.3E6  | 53.913 | 54.060 |
| 17)                         | MA 4,4'-DDT     | 6.184 | 7.058 | 445.0E6 | 107.0E6  | 44.292 | 45.595 |
| 18)                         | B Endrin al...  | 6.257 | 6.969 | 458.6E6 | 115.0E6  | 47.186 | 49.061 |
| 19)                         | B Endosulfa...  | 6.468 | 7.192 | 512.2E6 | 129.0E6  | 47.725 | 49.841 |
| 20)                         | A Methoxychlor  | 6.730 | 7.517 | 230.4E6 | 62540468 | 42.325 | 45.811 |
| 21)                         | B Endrin ke...  | 6.950 | 7.660 | 564.4E6 | 137.9E6  | 48.427 | 52.789 |
| 22)                         | Mirex           | 7.125 | 8.110 | 402.0E6 | 105.8E6  | 44.842 | 50.186 |
| -----                       |                 |       |       |         |          |        |        |

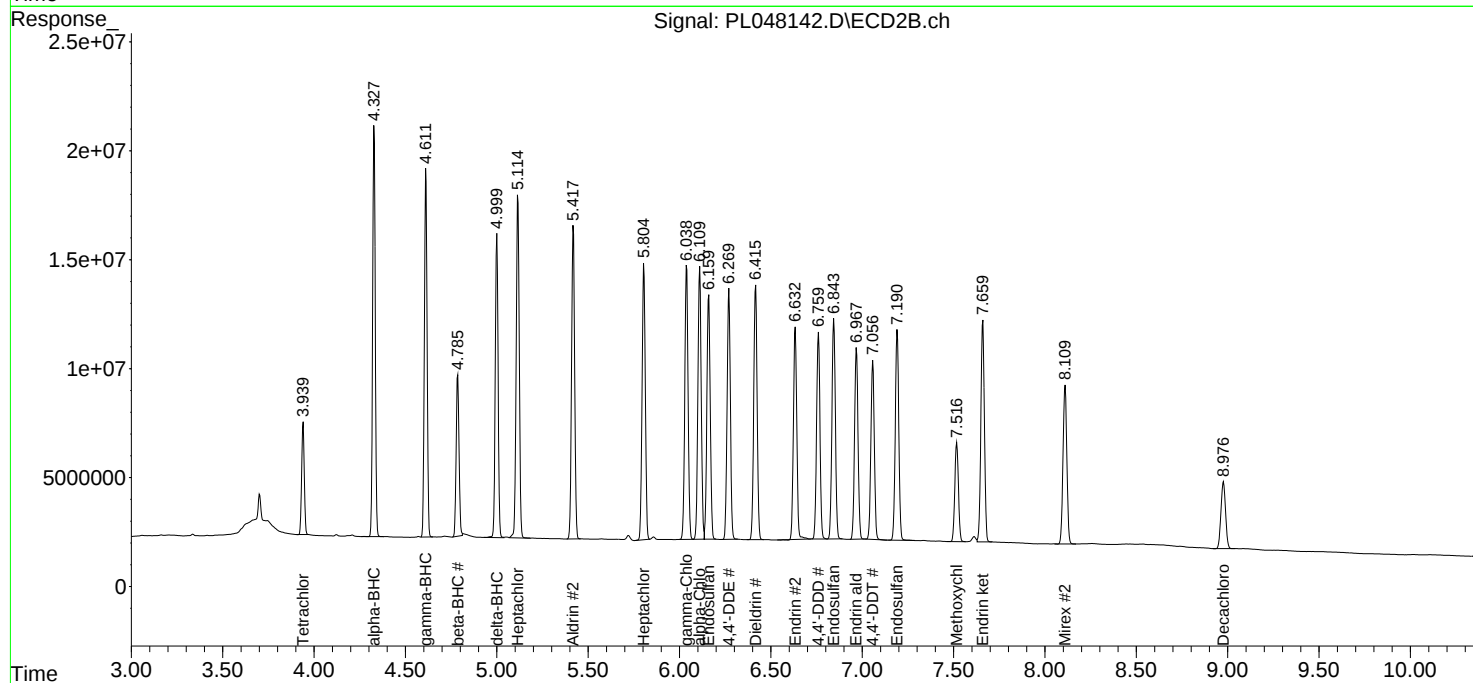
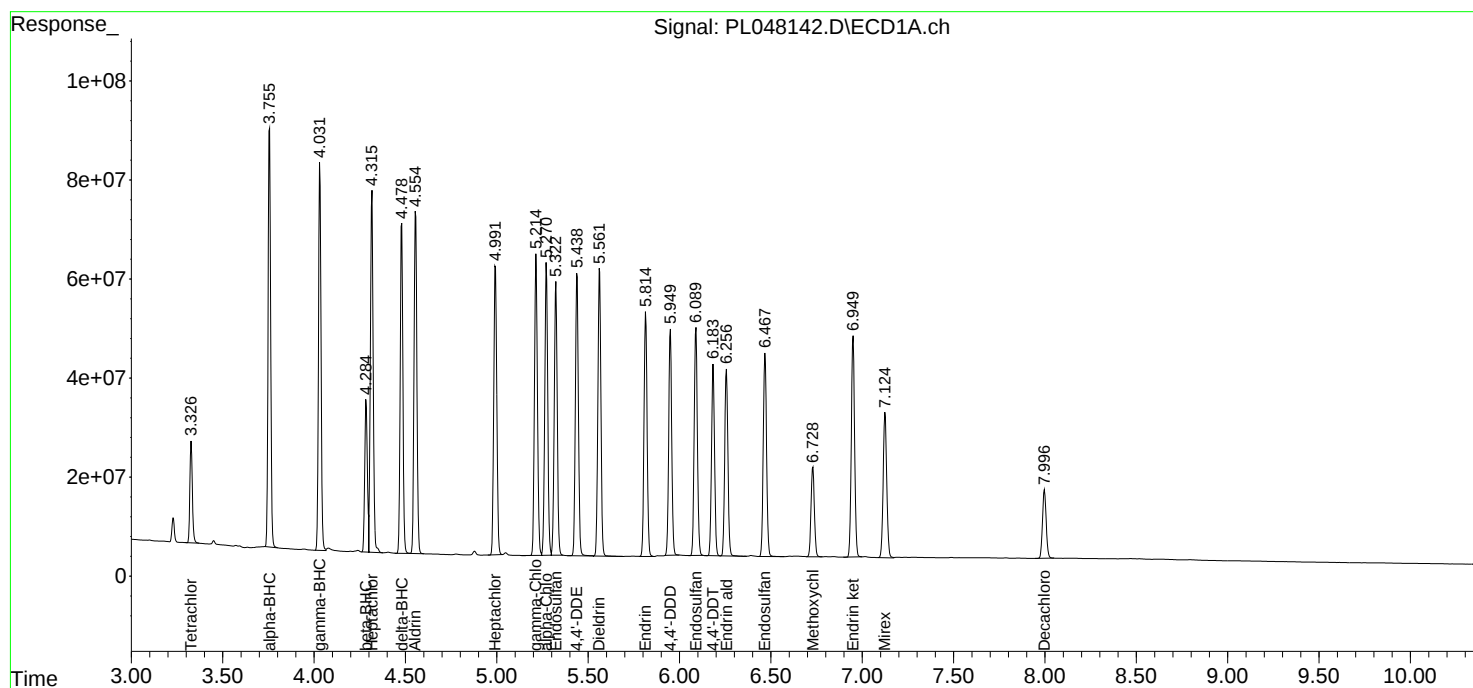
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

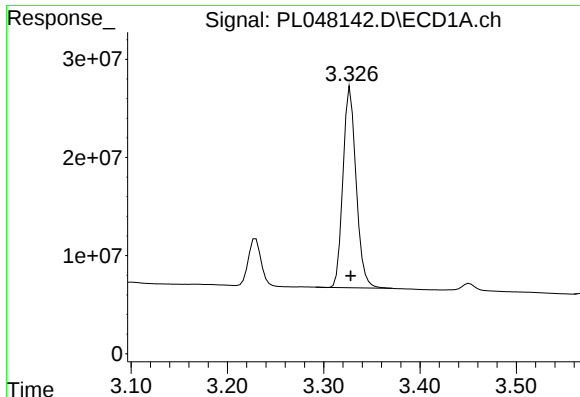
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050219\  
Data File : PL048142.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 May 2019 17:03  
Operator : AJ\SJ  
Sample : PB119402BSD  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB119402BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 03 01:00:18 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

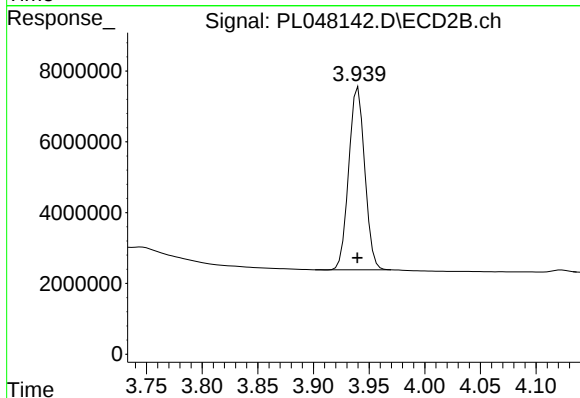




#1 Tetrachloro-m-xylene

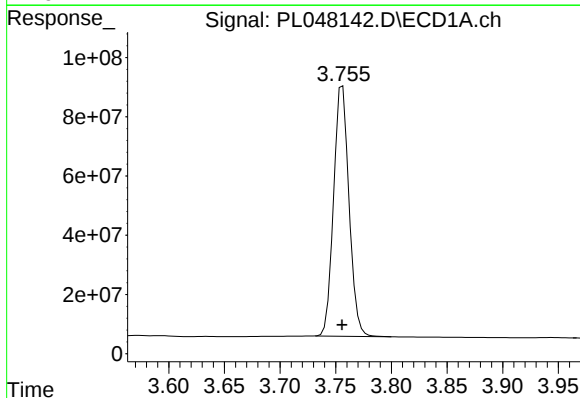
R.T.: 3.328 min  
Delta R.T.: 0.000 min  
Response: 193199615  
Conc: 19.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119402BSD



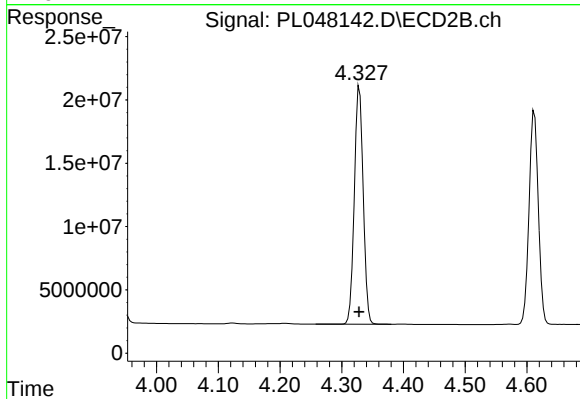
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 51695077  
Conc: 20.75 ng/ml



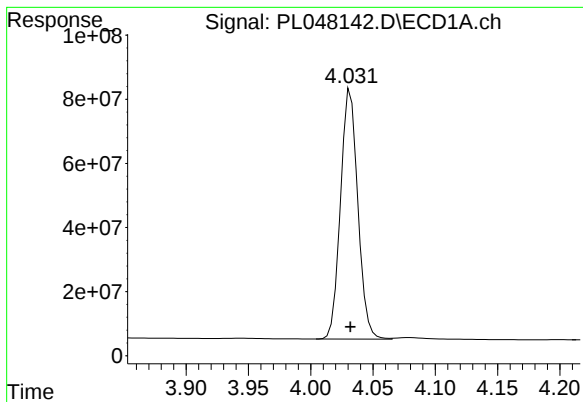
#2 alpha-BHC

R.T.: 3.756 min  
Delta R.T.: 0.000 min  
Response: 816328607  
Conc: 52.78 ng/ml



#2 alpha-BHC

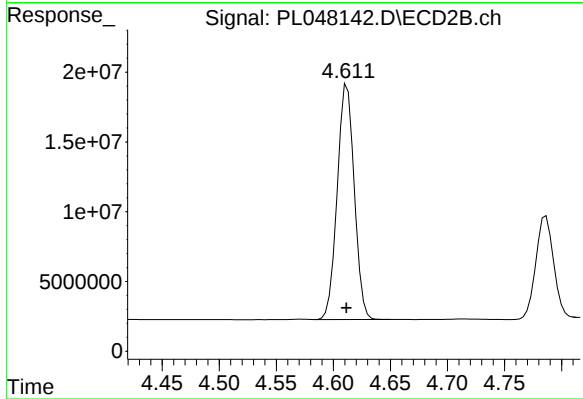
R.T.: 4.329 min  
Delta R.T.: 0.000 min  
Response: 188012950  
Conc: 53.53 ng/ml



#3 gamma-BHC (Lindane)

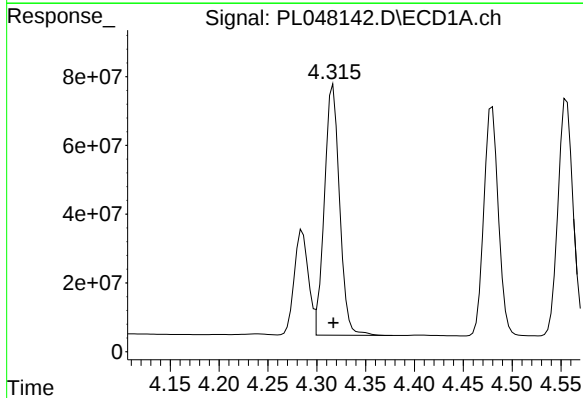
R.T.: 4.032 min  
Delta R.T.: 0.000 min  
Response: 757505336  
Conc: 53.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119402BSD



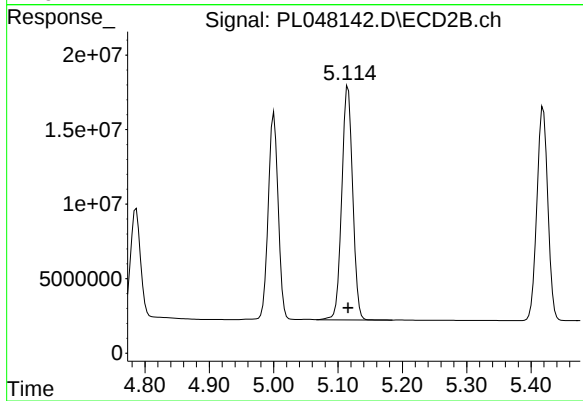
#3 gamma-BHC (Lindane)

R.T.: 4.612 min  
Delta R.T.: 0.000 min  
Response: 175560947  
Conc: 53.75 ng/ml



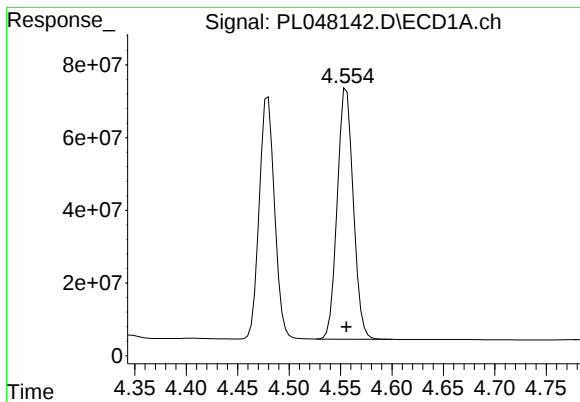
#4 Heptachlor

R.T.: 4.317 min  
Delta R.T.: 0.000 min  
Response: 788366400  
Conc: 53.59 ng/ml



#4 Heptachlor

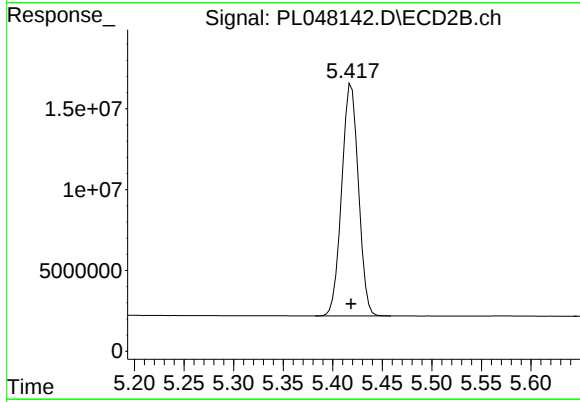
R.T.: 5.116 min  
Delta R.T.: 0.000 min  
Response: 185255745  
Conc: 53.51 ng/ml



#5 Aldrin

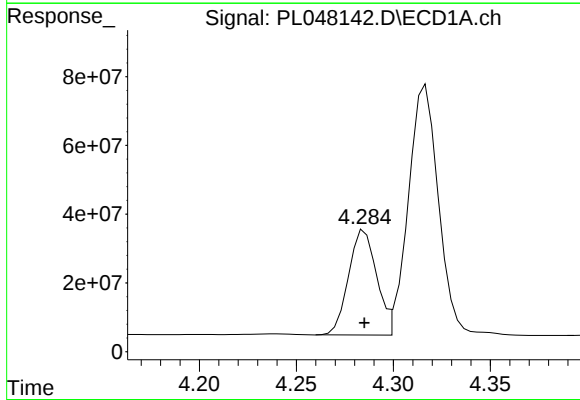
R.T.: 4.556 min  
Delta R.T.: 0.000 min  
Response: 748526518  
Conc: 54.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119402BSD



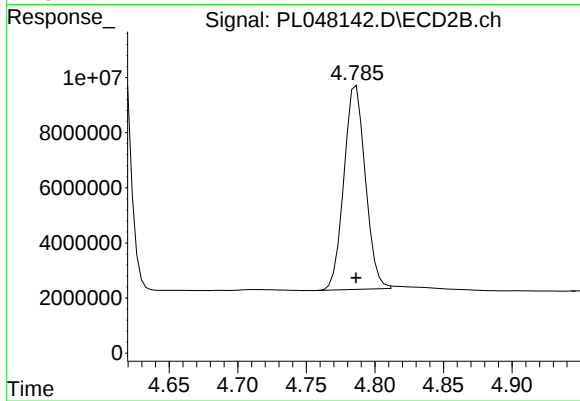
#5 Aldrin

R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 168851721  
Conc: 54.53 ng/ml



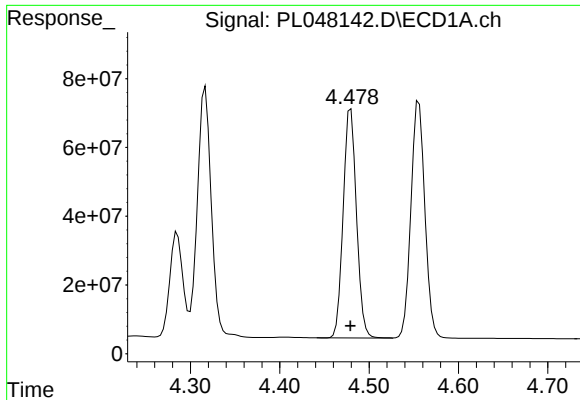
#6 beta-BHC

R.T.: 4.285 min  
Delta R.T.: 0.000 min  
Response: 305873982  
Conc: 51.83 ng/ml



#6 beta-BHC

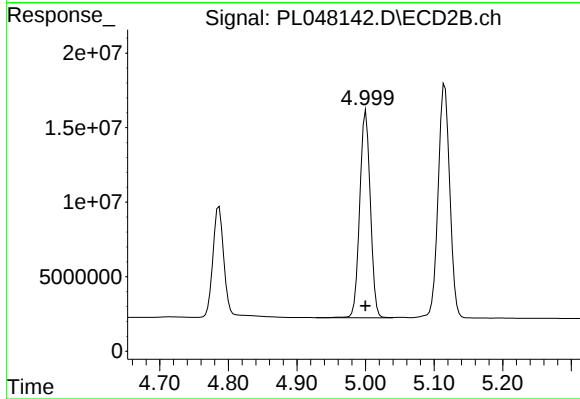
R.T.: 4.786 min  
Delta R.T.: 0.000 min  
Response: 80548925  
Conc: 51.77 ng/ml



#7 delta-BHC

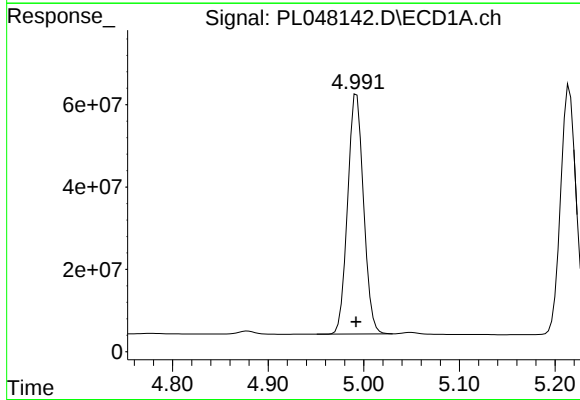
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 689667492  
Conc: 48.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119402BSD



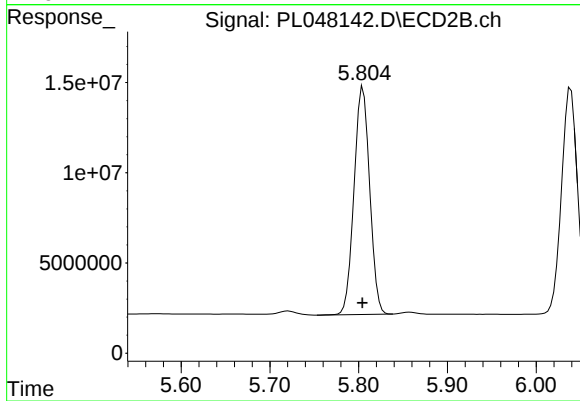
#7 delta-BHC

R.T.: 5.001 min  
Delta R.T.: 0.000 min  
Response: 149069271  
Conc: 52.71 ng/ml



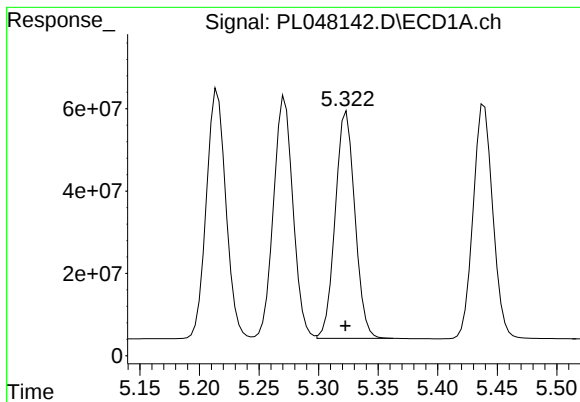
#8 Heptachlor epoxide

R.T.: 4.993 min  
Delta R.T.: 0.000 min  
Response: 677352574  
Conc: 52.57 ng/ml



#8 Heptachlor epoxide

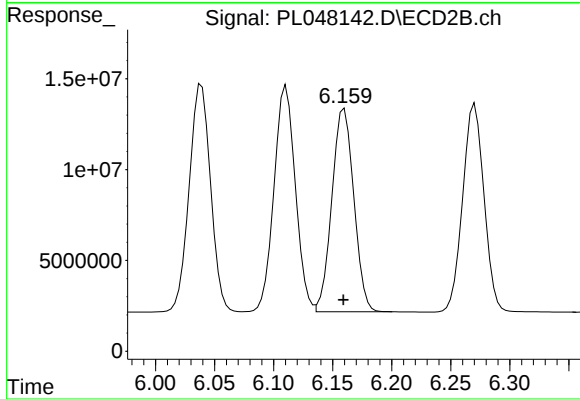
R.T.: 5.805 min  
Delta R.T.: 0.000 min  
Response: 154753252  
Conc: 53.06 ng/ml



#9 Endosulfan I

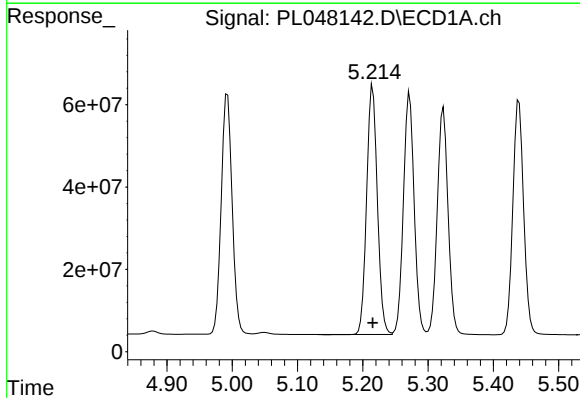
R.T.: 5.323 min  
Delta R.T.: 0.000 min  
Response: 632215045  
Conc: 52.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119402BSD



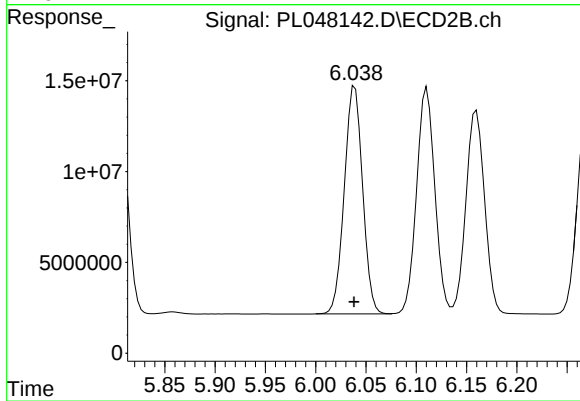
#9 Endosulfan I

R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 144834789  
Conc: 51.22 ng/ml



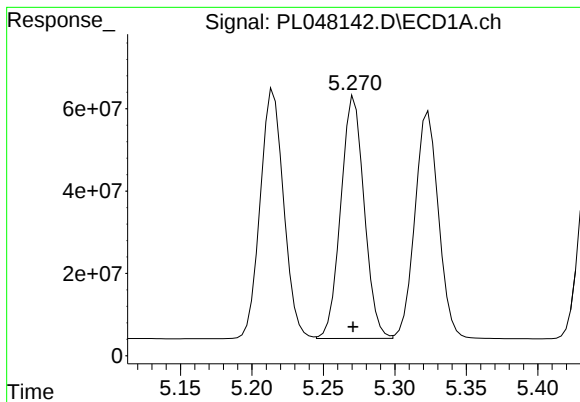
#10 gamma-Chlordane

R.T.: 5.215 min  
Delta R.T.: 0.000 min  
Response: 689722235  
Conc: 51.66 ng/ml



#10 gamma-Chlordane

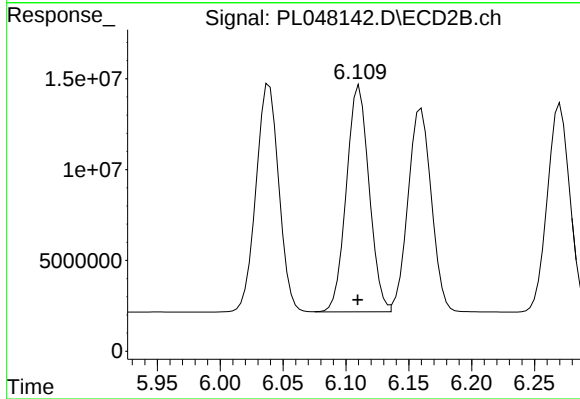
R.T.: 6.039 min  
Delta R.T.: 0.000 min  
Response: 158405233  
Conc: 51.45 ng/ml



#11 alpha-Chlordane

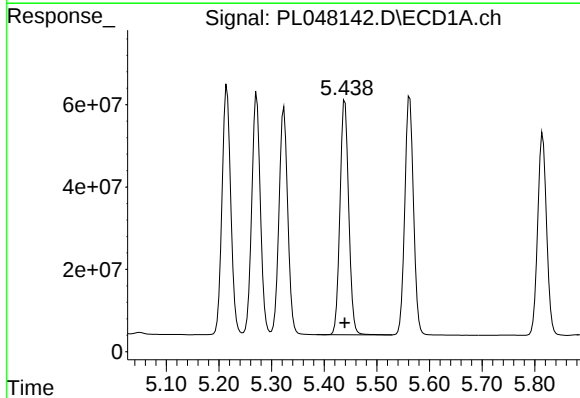
R.T.: 5.272 min  
Delta R.T.: 0.000 min  
Response: 670672011  
Conc: 51.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119402BSD



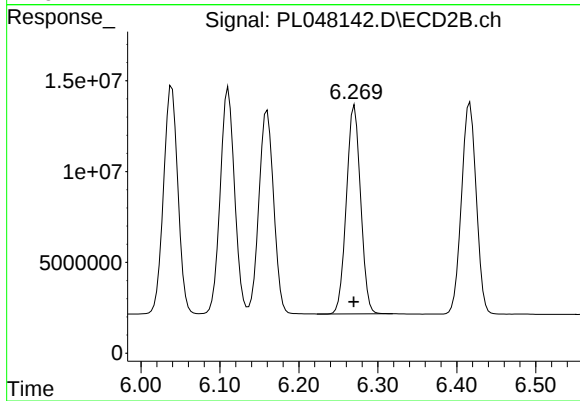
#11 alpha-Chlordane

R.T.: 6.111 min  
Delta R.T.: 0.001 min  
Response: 156835915  
Conc: 51.12 ng/ml



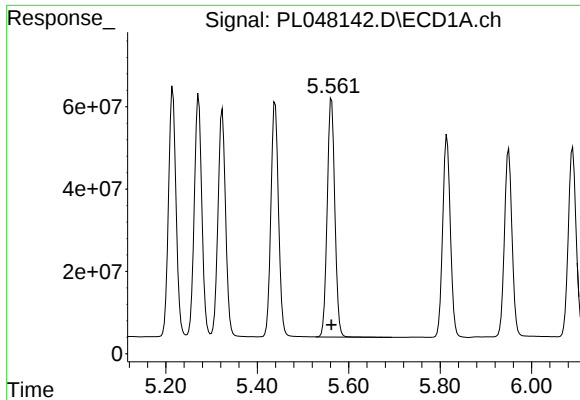
#12 4,4'-DDE

R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 657806227  
Conc: 51.86 ng/ml



#12 4,4'-DDE

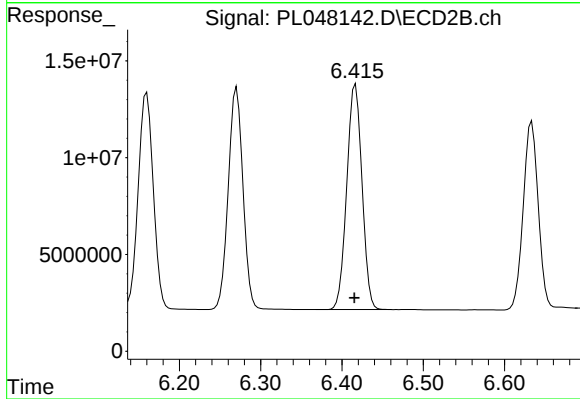
R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 143831179  
Conc: 52.10 ng/ml



#13 Dieldrin

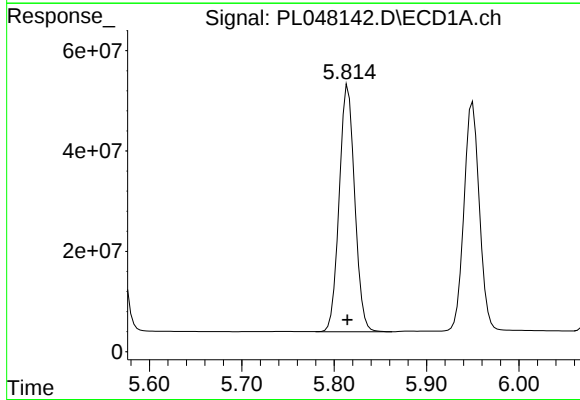
R.T.: 5.562 min  
Delta R.T.: 0.000 min  
Response: 673901176  
Conc: 51.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119402BSD



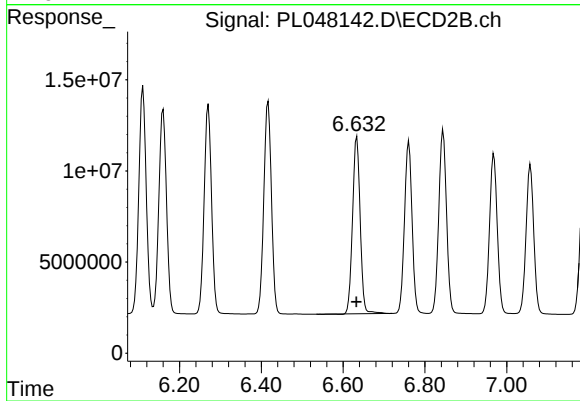
#13 Dieldrin

R.T.: 6.417 min  
Delta R.T.: 0.001 min  
Response: 151134915  
Conc: 51.52 ng/ml



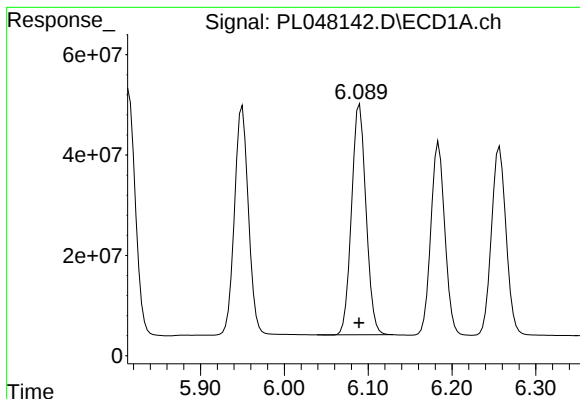
#14 Endrin

R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 574419154  
Conc: 47.18 ng/ml



#14 Endrin

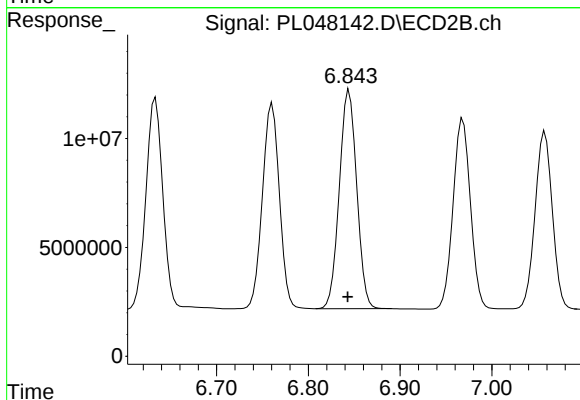
R.T.: 6.634 min  
Delta R.T.: 0.001 min  
Response: 125390857  
Conc: 48.09 ng/ml



#15 Endosulfan II

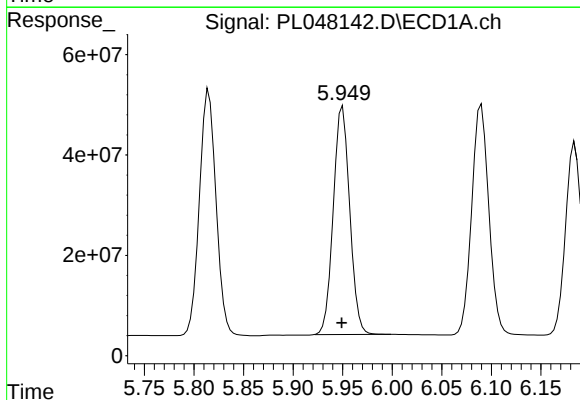
R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 552674804  
Conc: 47.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119402BSD



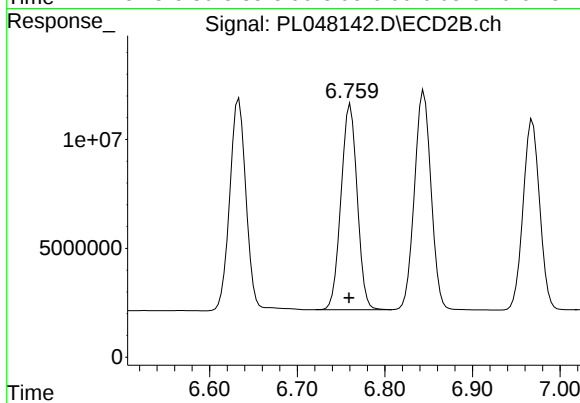
#15 Endosulfan II

R.T.: 6.845 min  
Delta R.T.: 0.002 min  
Response: 132444660  
Conc: 49.12 ng/ml



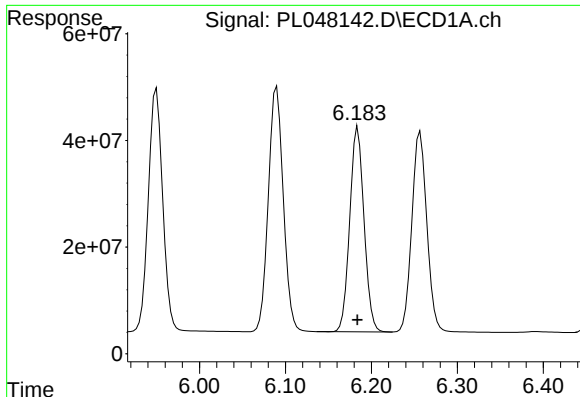
#16 4,4'-DDD

R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 524788699  
Conc: 53.91 ng/ml



#16 4,4'-DDD

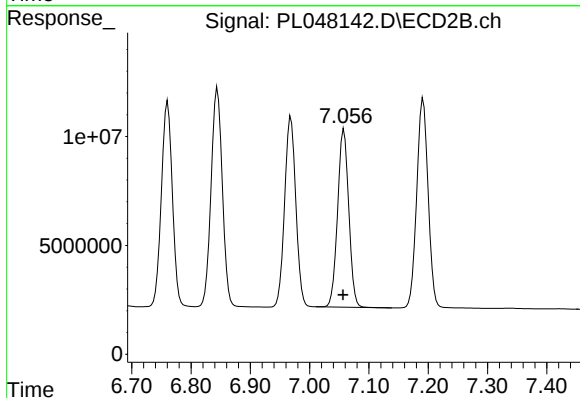
R.T.: 6.761 min  
Delta R.T.: 0.001 min  
Response: 121313588  
Conc: 54.06 ng/ml



#17 4,4'-DDT

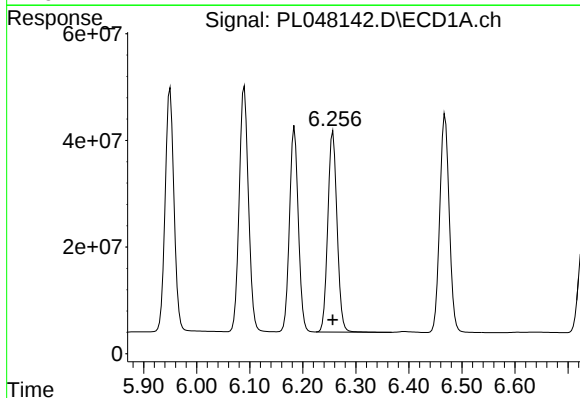
R.T.: 6.184 min  
Delta R.T.: 0.000 min  
Response: 444979434  
Conc: 44.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119402BSD



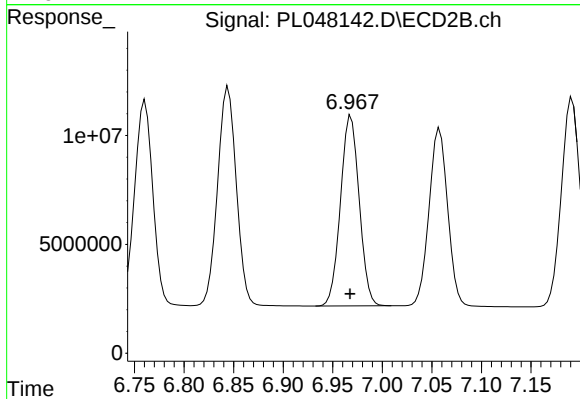
#17 4,4'-DDT

R.T.: 7.058 min  
Delta R.T.: 0.001 min  
Response: 106995063  
Conc: 45.60 ng/ml



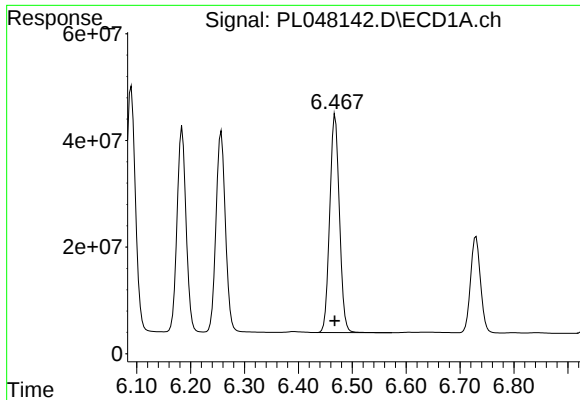
#18 Endrin aldehyde

R.T.: 6.257 min  
Delta R.T.: 0.000 min  
Response: 458564754  
Conc: 47.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.969 min  
Delta R.T.: 0.001 min  
Response: 114971769  
Conc: 49.06 ng/ml



#19 Endosulfan Sulfate

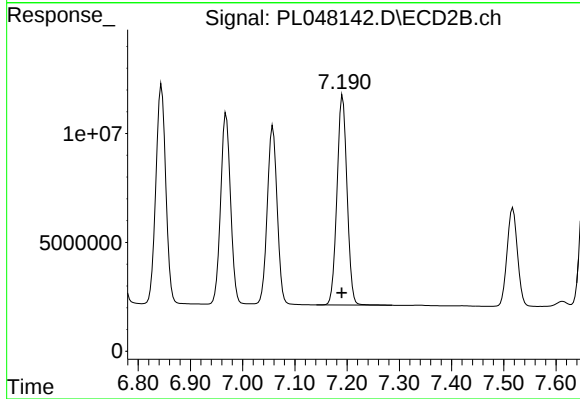
R.T.: 6.468 min

Delta R.T.: 0.000 min

Response: 512211257

Conc: 47.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119402BSD



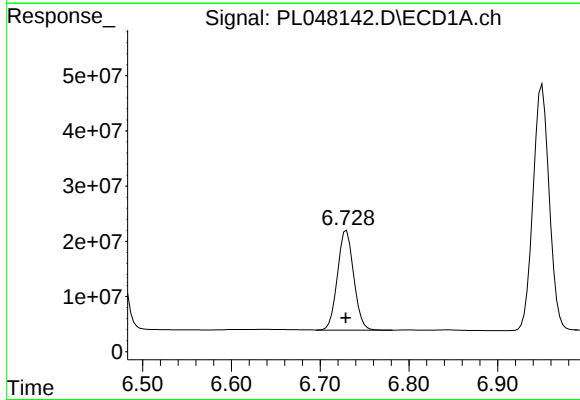
#19 Endosulfan Sulfate

R.T.: 7.192 min

Delta R.T.: 0.002 min

Response: 128998373

Conc: 49.84 ng/ml



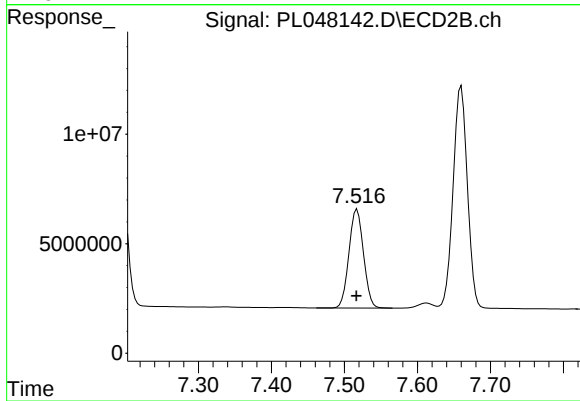
#20 Methoxychlor

R.T.: 6.730 min

Delta R.T.: 0.000 min

Response: 230446741

Conc: 42.32 ng/ml



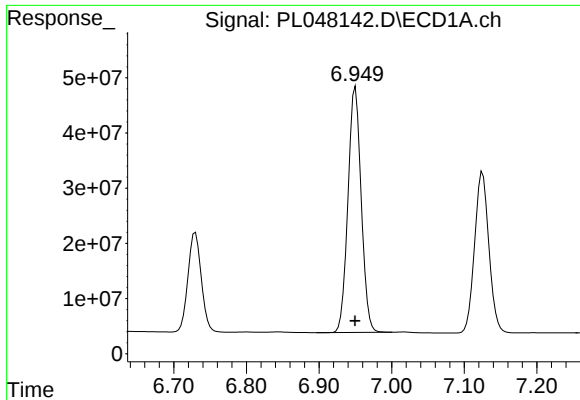
#20 Methoxychlor

R.T.: 7.517 min

Delta R.T.: 0.001 min

Response: 62540468

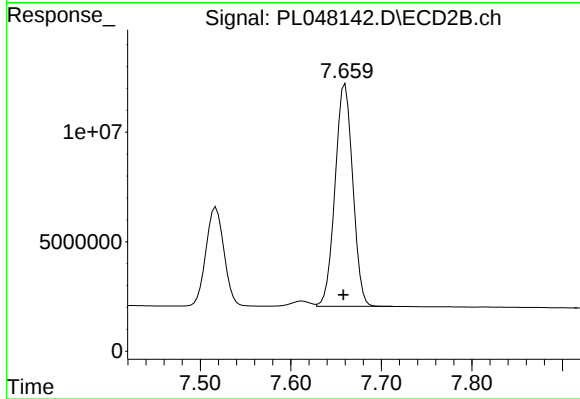
Conc: 45.81 ng/ml



#21 Endrin ketone

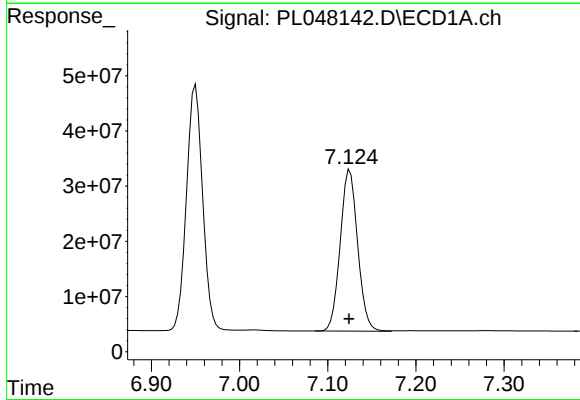
R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 564409913  
Conc: 48.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119402BSD



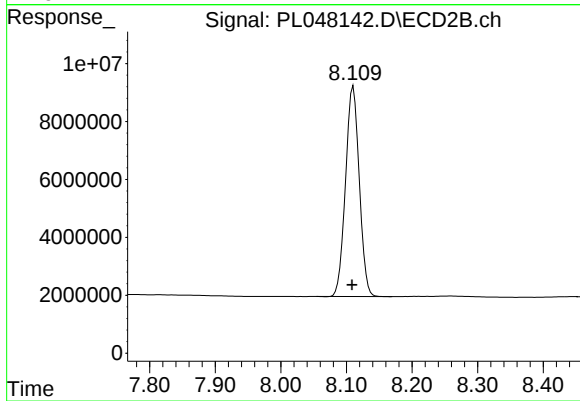
#21 Endrin ketone

R.T.: 7.660 min  
Delta R.T.: 0.002 min  
Response: 137927224  
Conc: 52.79 ng/ml



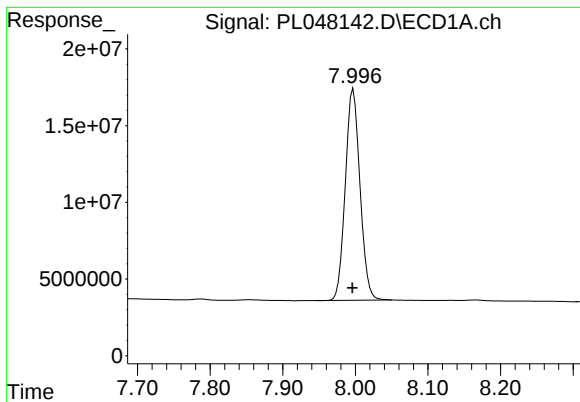
#22 Mirex

R.T.: 7.125 min  
Delta R.T.: 0.001 min  
Response: 401959793  
Conc: 44.84 ng/ml



#22 Mirex

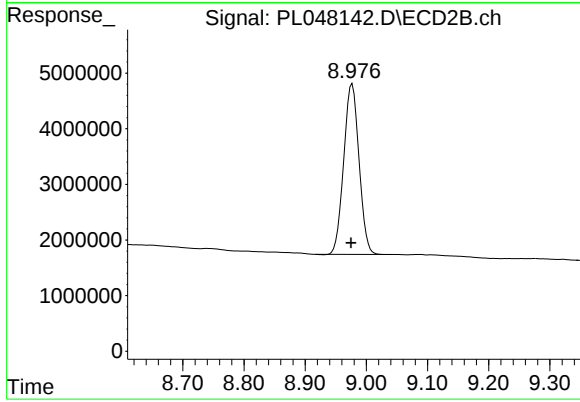
R.T.: 8.110 min  
Delta R.T.: 0.002 min  
Response: 105836218  
Conc: 50.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.997 min  
Delta R.T.: 0.002 min  
Response: 193801616  
Conc: 19.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119402BSD



#28 Decachlorobiphenyl

R.T.: 8.977 min  
Delta R.T.: 0.002 min  
Response: 53340262  
Conc: 20.10 ng/ml