

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022119\  
 Data File : PL045015.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Feb 2019 17:59  
 Operator : AJ\SJ  
 Sample : K1538-07MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 M-11-A-DMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 22 00:01:02 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020619.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 07 01:39:50 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|---------|----------|--------|--------|
| -----                       |                 |       |       |         |          |        |        |
| System Monitoring Compounds |                 |       |       |         |          |        |        |
| 1)                          | SA Tetrachlo... | 3.365 | 3.984 | 138.6E6 | 47981058 | 19.473 | 20.425 |
| 2)                          | SA Decachlor... | 8.050 | 9.044 | 152.8E6 | 47362924 | 20.955 | 21.384 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.795 | 4.374 | 567.1E6 | 160.2E6  | 53.094 | 52.583 |
| 3)                          | MA gamma-BHC... | 4.073 | 4.658 | 525.4E6 | 152.0E6  | 53.400 | 52.482 |
| 4)                          | MA Heptachlor   | 4.361 | 5.166 | 538.8E6 | 154.6E6  | 52.306 | 50.741 |
| 5)                          | MB Aldrin       | 4.601 | 5.470 | 510.8E6 | 140.1E6  | 53.067 | 50.553 |
| 6)                          | B beta-BHC      | 4.325 | 4.830 | 217.5E6 | 68511497 | 51.462 | 51.707 |
| 7)                          | B delta-BHC     | 4.522 | 5.046 | 433.8E6 | 92287067 | 53.887 | 50.470 |
| 8)                          | B Heptachlo...  | 5.039 | 5.856 | 471.7E6 | 118.0E6  | 50.693 | 47.174 |
| 9)                          | A Endosulfan I  | 5.372 | 6.213 | 443.7E6 | 125.7E6  | 50.848 | 49.688 |
| 10)                         | B gamma-Chl...  | 5.263 | 6.091 | 489.2E6 | 134.6E6  | 50.688 | 48.475 |
| 11)                         | B alpha-Chl...  | 5.319 | 6.163 | 482.5E6 | 136.8E6  | 50.462 | 49.357 |
| 12)                         | B 4,4'-DDE      | 5.487 | 6.321 | 452.5E6 | 122.6E6  | 52.181 | 51.350 |
| 13)                         | MA Dieldrin     | 5.612 | 6.469 | 478.8E6 | 131.2E6  | 51.016 | 50.850 |
| 14)                         | MA Endrin       | 5.865 | 6.688 | 446.0E6 | 112.7E6  | 50.914 | 50.175 |
| 15)                         | B Endosulfa...  | 6.140 | 6.897 | 415.1E6 | 118.5E6  | 49.089 | 51.442 |
| 16)                         | A 4,4'-DDD      | 5.998 | 6.811 | 364.2E6 | 101.3E6  | 50.345 | 52.731 |
| 17)                         | MA 4,4'-DDT     | 6.234 | 7.109 | 358.0E6 | 98590909 | 49.922 | 50.255 |
| 18)                         | B Endrin al...  | 6.307 | 7.021 | 339.0E6 | 98353479 | 48.362 | 48.476 |
| 19)                         | B Endosulfa...  | 6.519 | 7.244 | 363.1E6 | 103.9E6  | 49.954 | 49.246 |
| 20)                         | A Methoxychlor  | 6.779 | 7.568 | 193.1E6 | 57661651 | 48.113 | 48.264 |
| 21)                         | B Endrin ke...  | 7.002 | 7.714 | 439.7E6 | 118.7E6  | 52.852 | 52.323 |
| -----                       |                 |       |       |         |          |        |        |

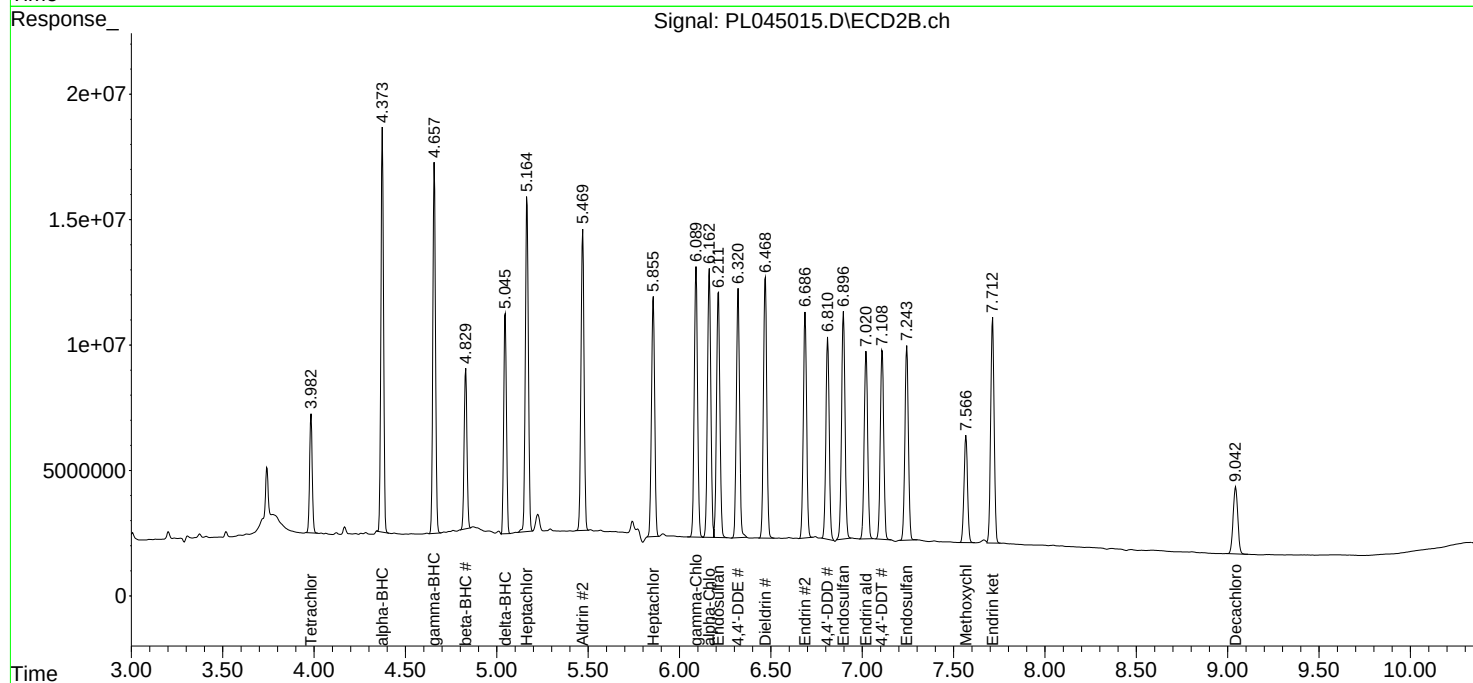
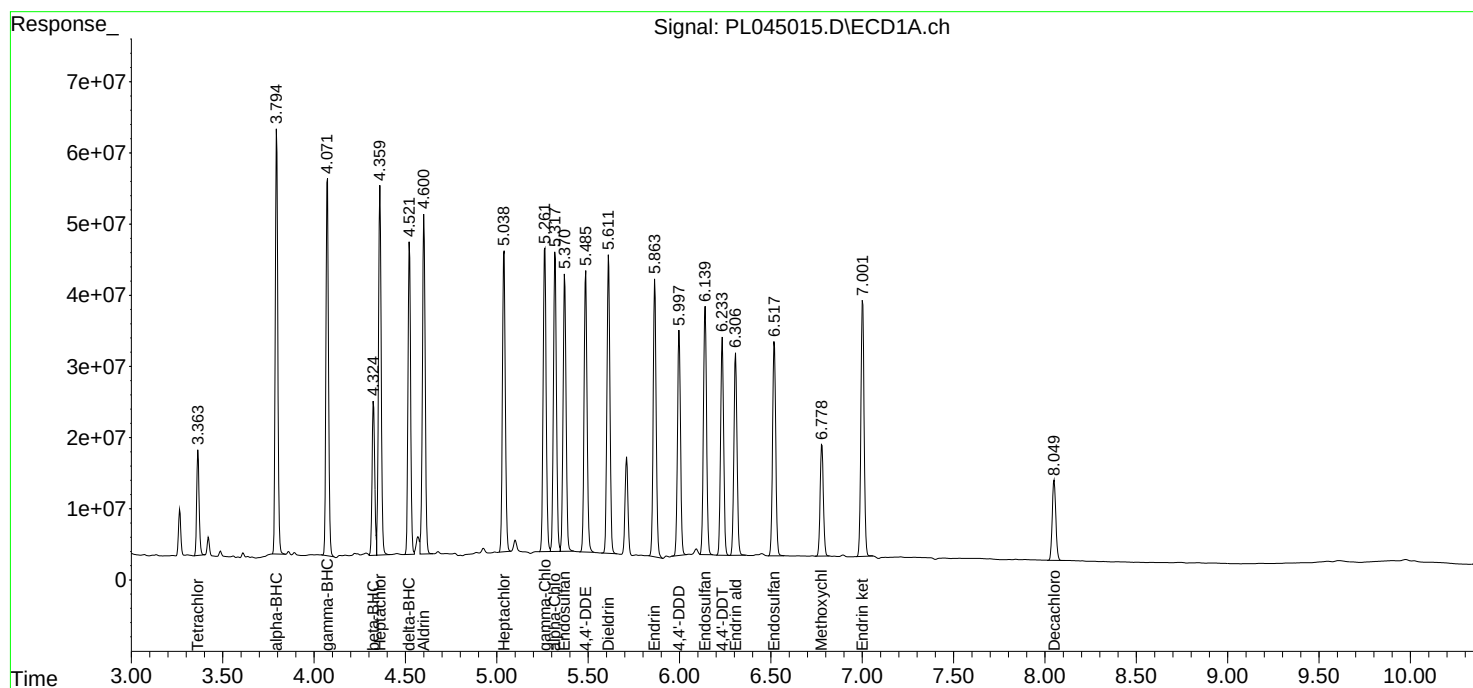
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

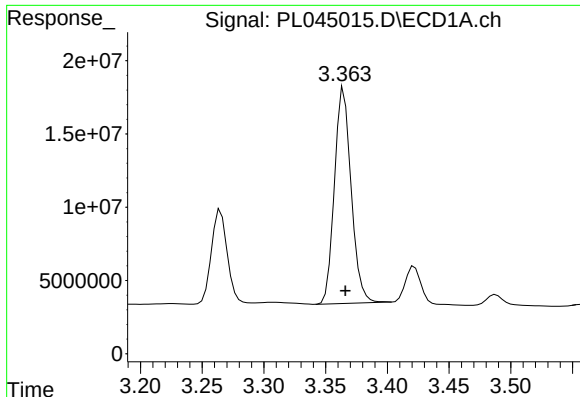
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022119\  
Data File : PL045015.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Feb 2019 17:59  
Operator : AJ\SJ  
Sample : K1538-07MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
M-11-A-DMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 22 00:01:02 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020619.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 07 01:39:50 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

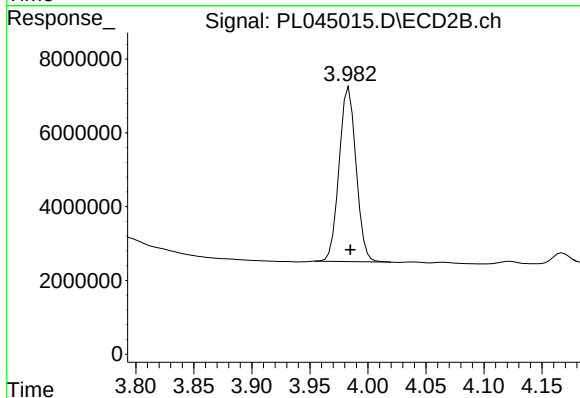




#1 Tetrachloro-m-xylene

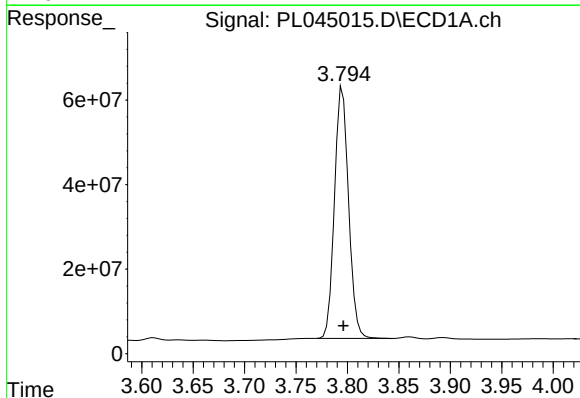
R.T.: 3.365 min  
Delta R.T.: -0.001 min  
Response: 138567986  
Conc: 19.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
M-11-A-DMS



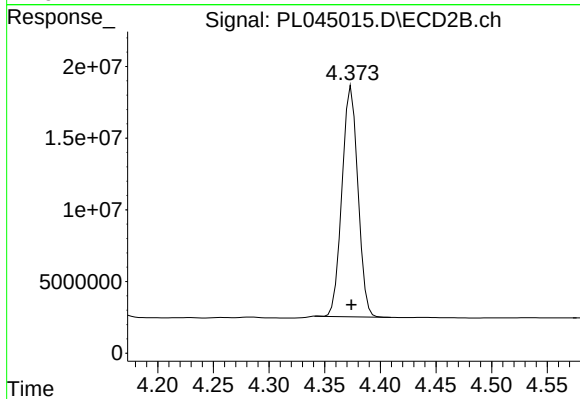
#1 Tetrachloro-m-xylene

R.T.: 3.984 min  
Delta R.T.: -0.001 min  
Response: 47981058  
Conc: 20.42 ng/ml



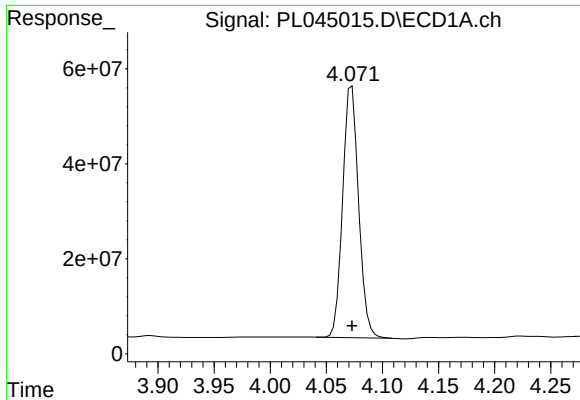
#2 alpha-BHC

R.T.: 3.795 min  
Delta R.T.: 0.000 min  
Response: 567060014  
Conc: 53.09 ng/ml



#2 alpha-BHC

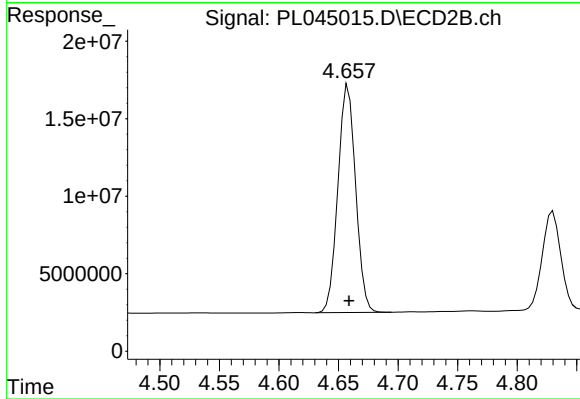
R.T.: 4.374 min  
Delta R.T.: 0.000 min  
Response: 160174635  
Conc: 52.58 ng/ml



#3 gamma-BHC (Lindane)

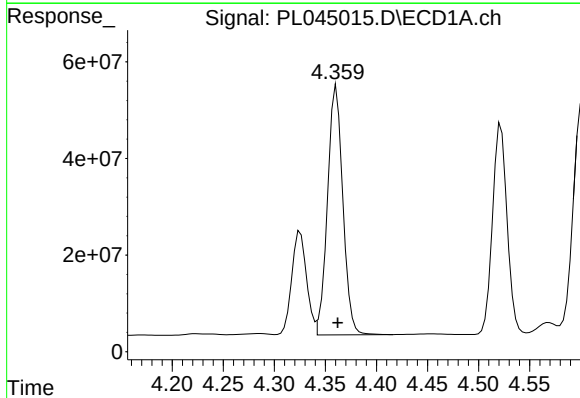
R.T.: 4.073 min  
Delta R.T.: 0.000 min  
Response: 525385303  
Conc: 53.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
M-11-A-DMS



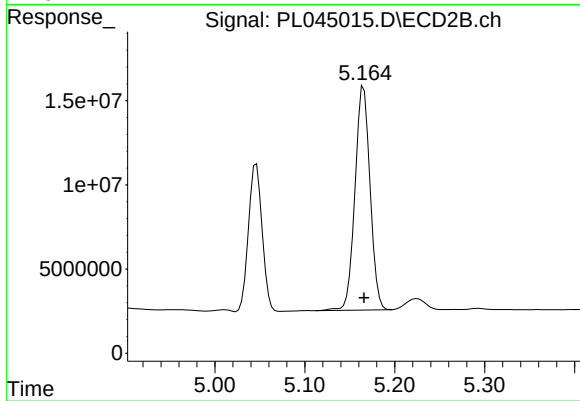
#3 gamma-BHC (Lindane)

R.T.: 4.658 min  
Delta R.T.: 0.000 min  
Response: 152047540  
Conc: 52.48 ng/ml



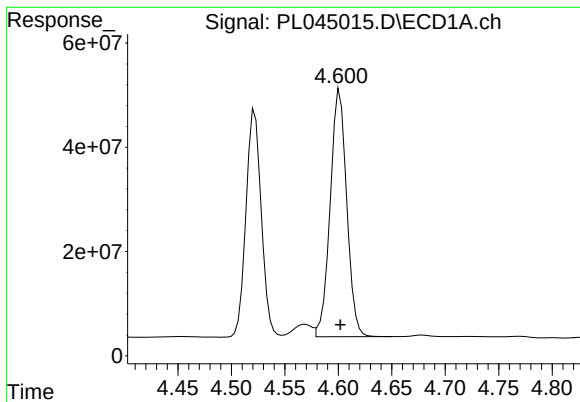
#4 Heptachlor

R.T.: 4.361 min  
Delta R.T.: -0.001 min  
Response: 538832917  
Conc: 52.31 ng/ml



#4 Heptachlor

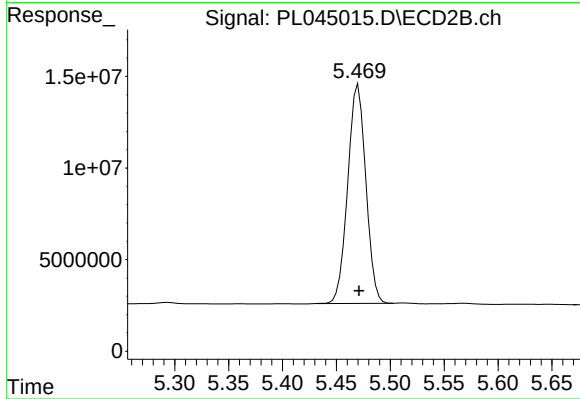
R.T.: 5.166 min  
Delta R.T.: 0.000 min  
Response: 154561115  
Conc: 50.74 ng/ml



#5 Aldrin

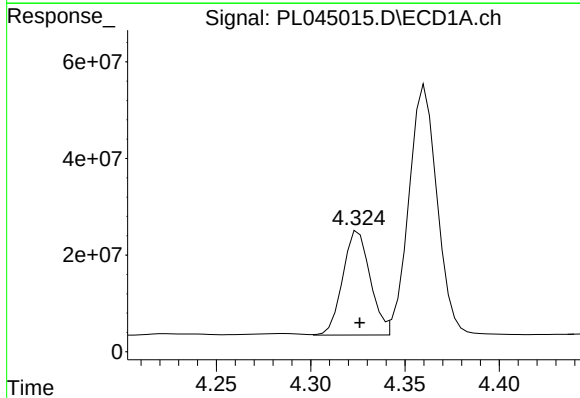
R.T.: 4.601 min  
Delta R.T.: 0.000 min  
Response: 510805652  
Conc: 53.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
M-11-A-DMS



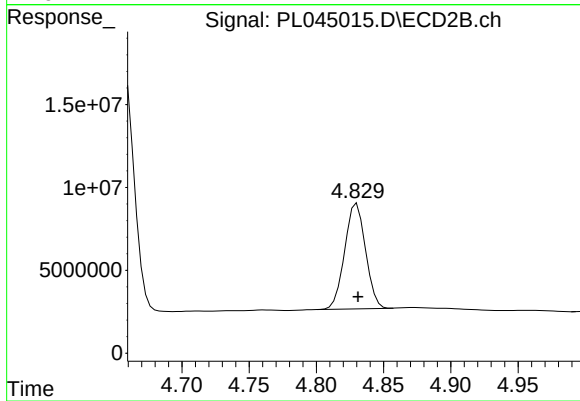
#5 Aldrin

R.T.: 5.470 min  
Delta R.T.: 0.000 min  
Response: 140085572  
Conc: 50.55 ng/ml



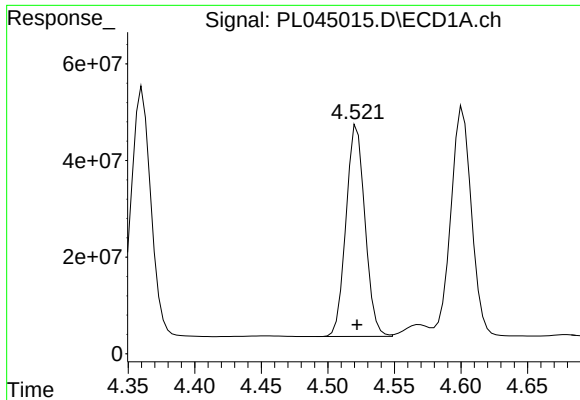
#6 beta-BHC

R.T.: 4.325 min  
Delta R.T.: 0.000 min  
Response: 217455795  
Conc: 51.46 ng/ml



#6 beta-BHC

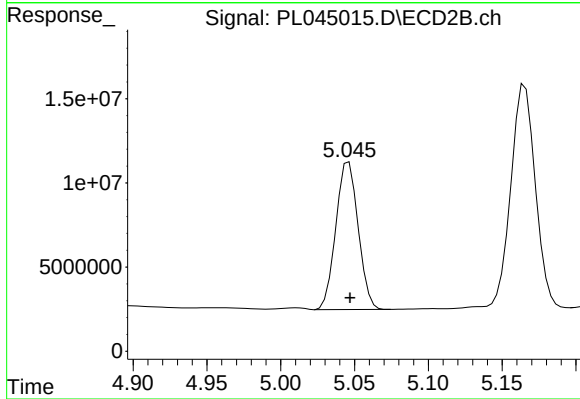
R.T.: 4.830 min  
Delta R.T.: 0.000 min  
Response: 68511497  
Conc: 51.71 ng/ml



#7 delta-BHC

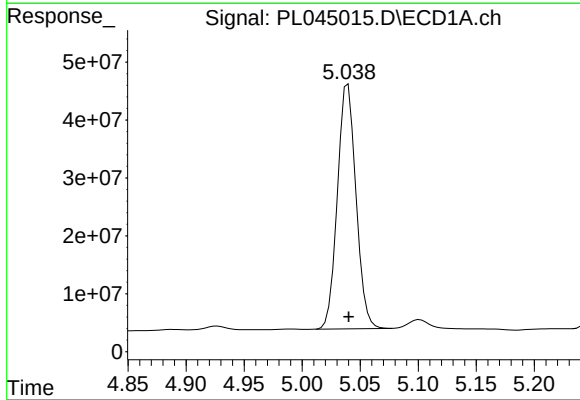
R.T.: 4.522 min  
Delta R.T.: 0.000 min  
Response: 433793423  
Conc: 53.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
M-11-A-DMS



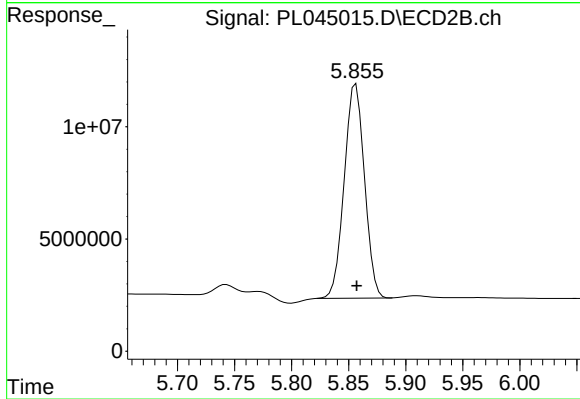
#7 delta-BHC

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 92287067  
Conc: 50.47 ng/ml



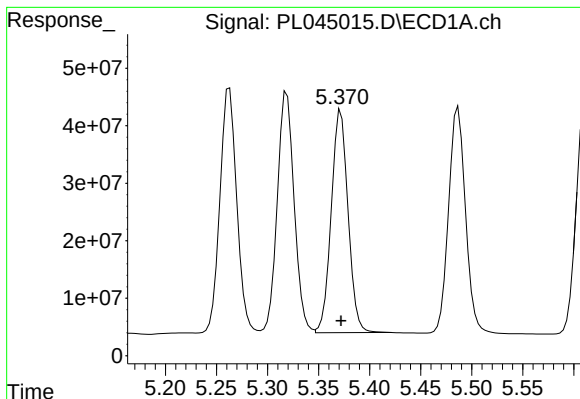
#8 Heptachlor epoxide

R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 471692324  
Conc: 50.69 ng/ml



#8 Heptachlor epoxide

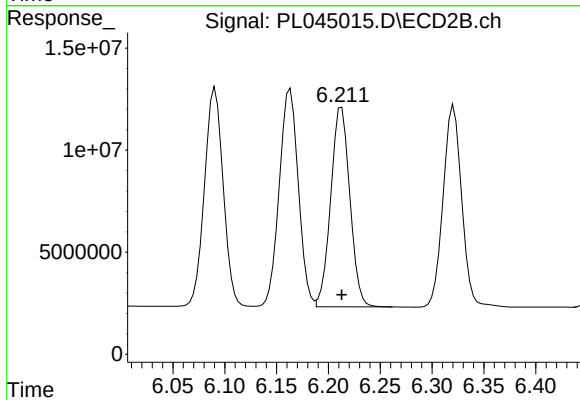
R.T.: 5.856 min  
Delta R.T.: 0.000 min  
Response: 117962591  
Conc: 47.17 ng/ml



#9 Endosulfan I

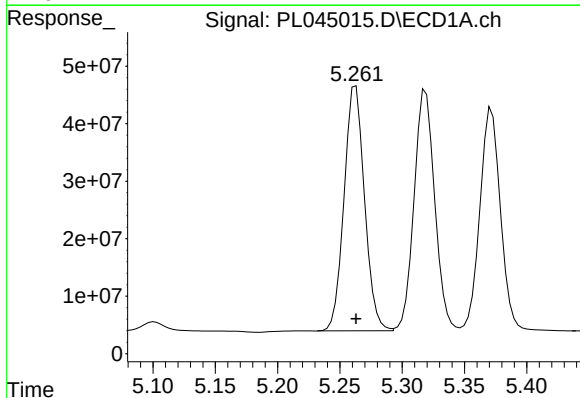
R.T.: 5.372 min  
Delta R.T.: 0.000 min  
Response: 443748994  
Conc: 50.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
M-11-A-DMS



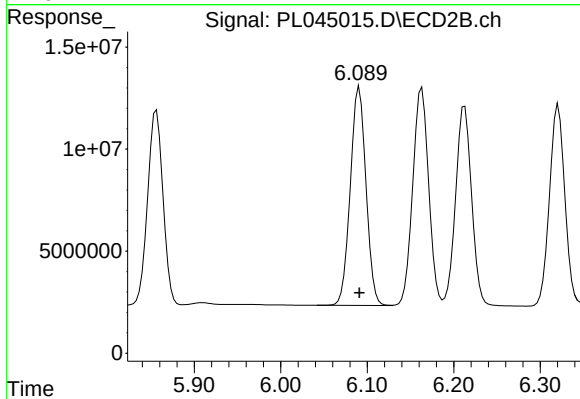
#9 Endosulfan I

R.T.: 6.213 min  
Delta R.T.: 0.000 min  
Response: 125704594  
Conc: 49.69 ng/ml



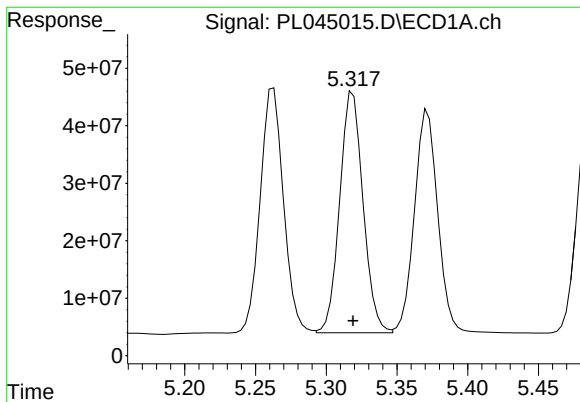
#10 gamma-Chlordane

R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 489196108  
Conc: 50.69 ng/ml



#10 gamma-Chlordane

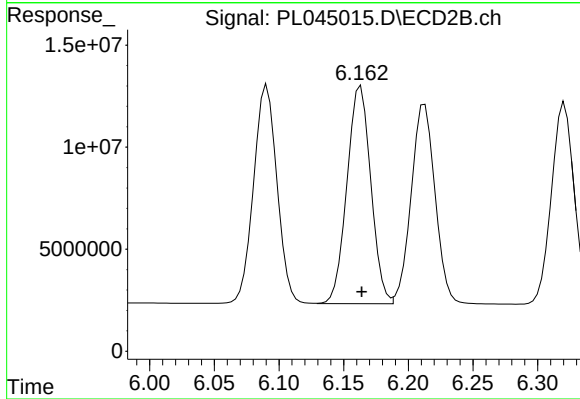
R.T.: 6.091 min  
Delta R.T.: 0.000 min  
Response: 134570237  
Conc: 48.47 ng/ml



#11 alpha-Chlordane

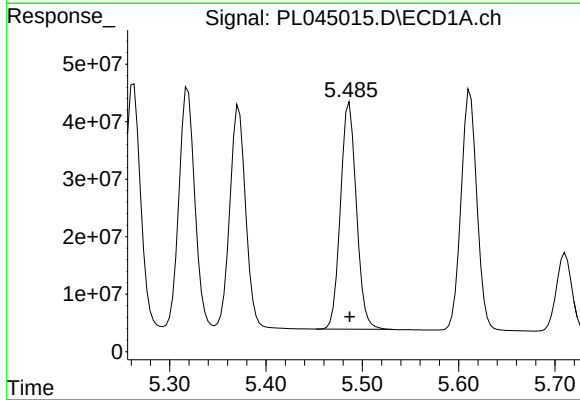
R.T.: 5.319 min  
Delta R.T.: 0.000 min  
Response: 482479725  
Conc: 50.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
M-11-A-DMS



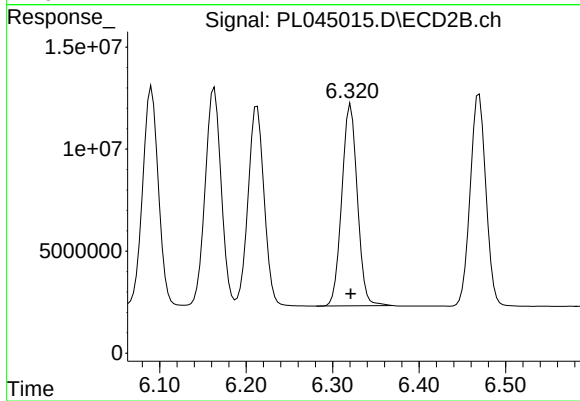
#11 alpha-Chlordane

R.T.: 6.163 min  
Delta R.T.: 0.000 min  
Response: 136758993  
Conc: 49.36 ng/ml



#12 4,4'-DDE

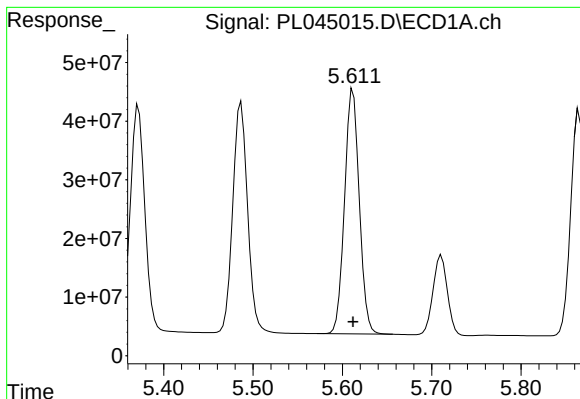
R.T.: 5.487 min  
Delta R.T.: 0.000 min  
Response: 452525976  
Conc: 52.18 ng/ml



#12 4,4'-DDE

R.T.: 6.321 min  
Delta R.T.: 0.000 min  
Response: 122605857  
Conc: 51.35 ng/ml

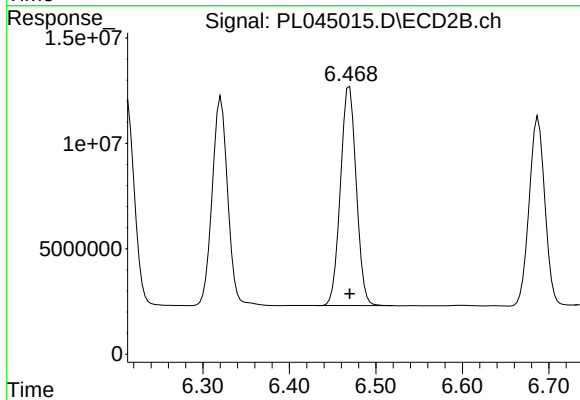




#13 Dieldrin

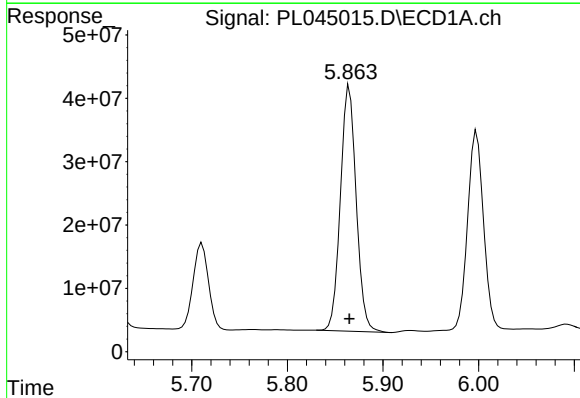
R.T.: 5.612 min  
Delta R.T.: 0.000 min  
Response: 478823612  
Conc: 51.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
M-11-A-DMS



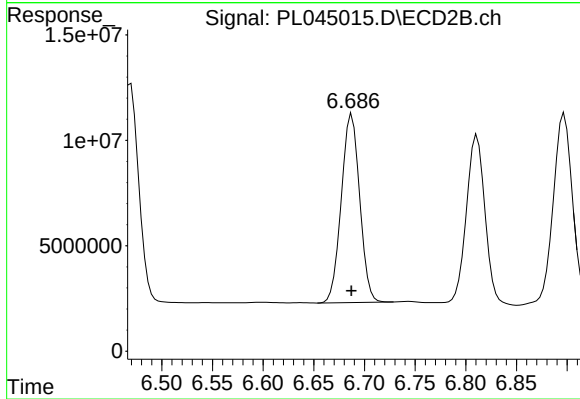
#13 Dieldrin

R.T.: 6.469 min  
Delta R.T.: 0.000 min  
Response: 131186079  
Conc: 50.85 ng/ml



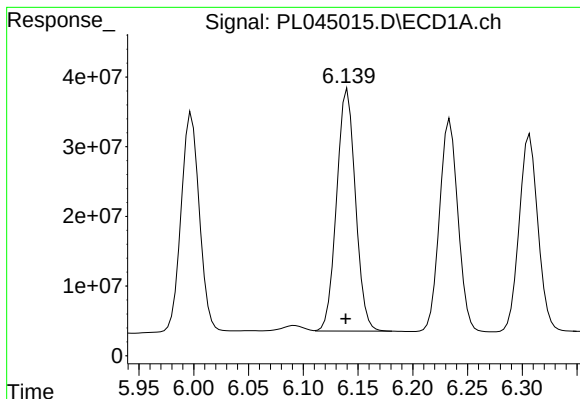
#14 Endrin

R.T.: 5.865 min  
Delta R.T.: 0.000 min  
Response: 446015693  
Conc: 50.91 ng/ml



#14 Endrin

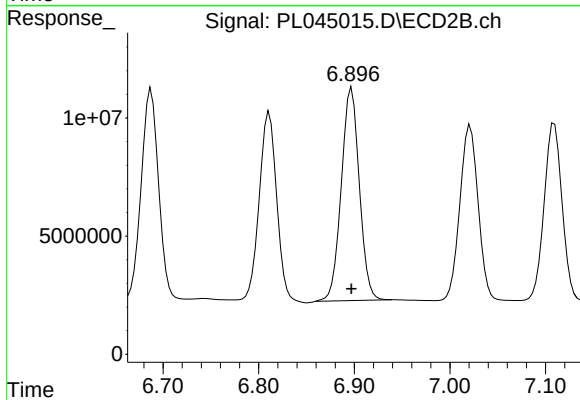
R.T.: 6.688 min  
Delta R.T.: 0.000 min  
Response: 112739431  
Conc: 50.17 ng/ml



#15 Endosulfan II

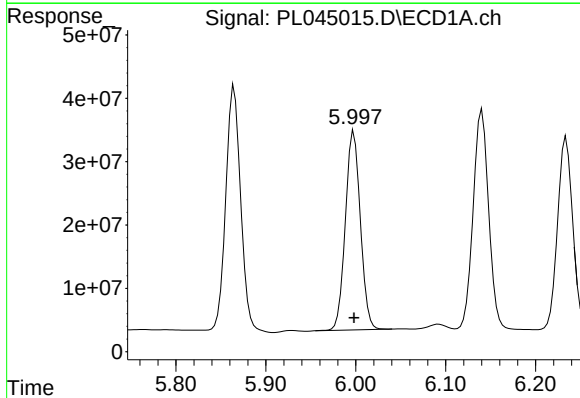
R.T.: 6.140 min  
Delta R.T.: 0.001 min  
Response: 415080074  
Conc: 49.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
M-11-A-DMS



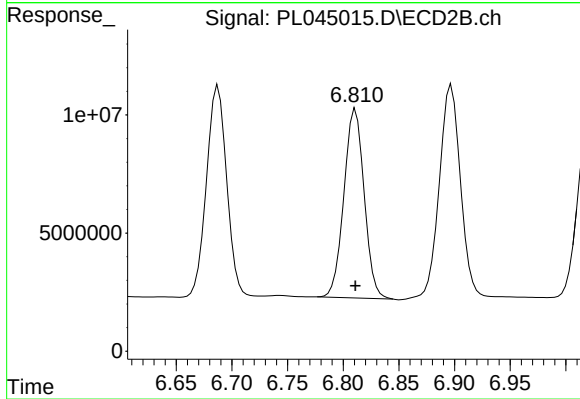
#15 Endosulfan II

R.T.: 6.897 min  
Delta R.T.: 0.000 min  
Response: 118482211  
Conc: 51.44 ng/ml



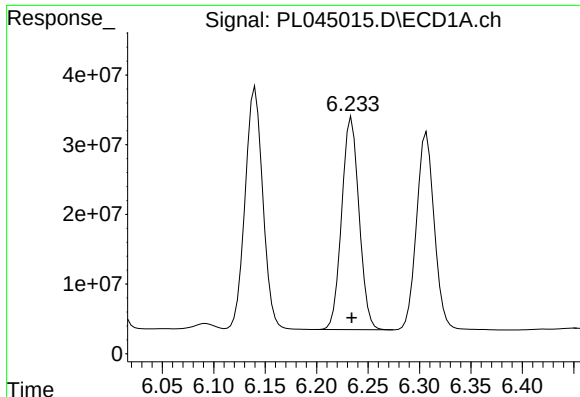
#16 4,4'-DDD

R.T.: 5.998 min  
Delta R.T.: 0.000 min  
Response: 364207292  
Conc: 50.35 ng/ml



#16 4,4'-DDD

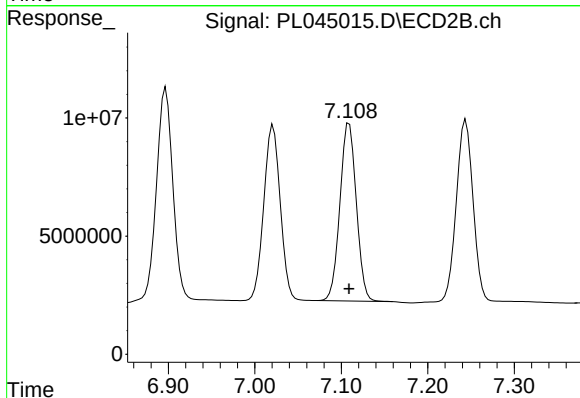
R.T.: 6.811 min  
Delta R.T.: 0.000 min  
Response: 101252210  
Conc: 52.73 ng/ml



#17 4,4'-DDT

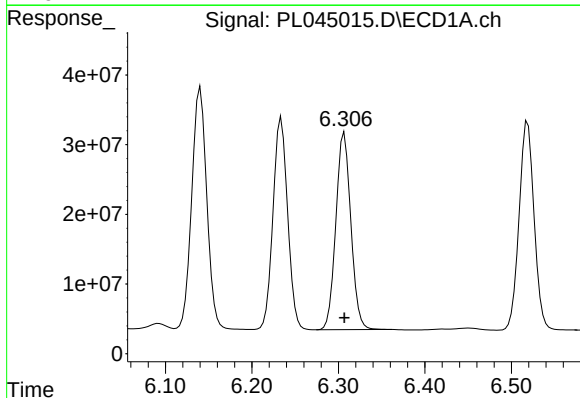
R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 358009889  
Conc: 49.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
M-11-A-DMS



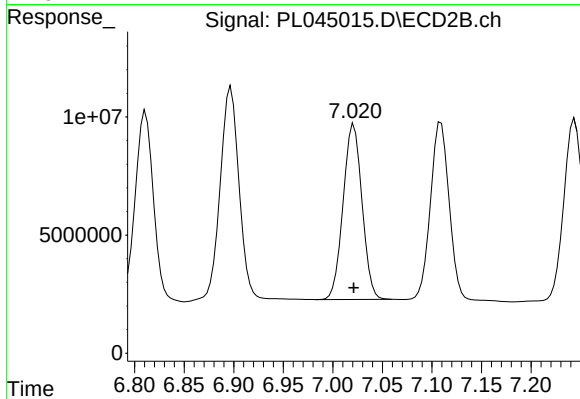
#17 4,4'-DDT

R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 98590909  
Conc: 50.25 ng/ml



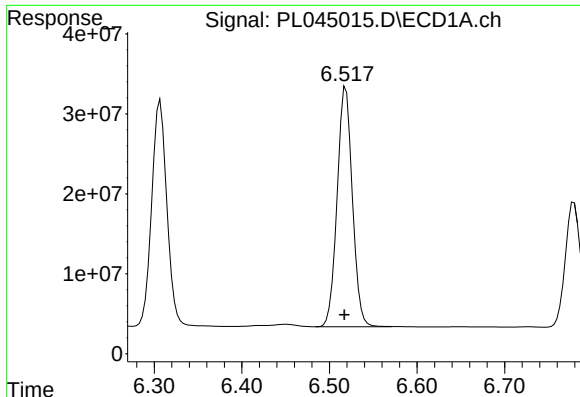
#18 Endrin aldehyde

R.T.: 6.307 min  
Delta R.T.: 0.000 min  
Response: 339039900  
Conc: 48.36 ng/ml



#18 Endrin aldehyde

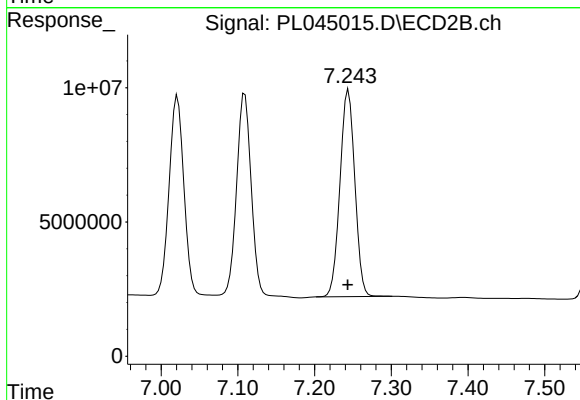
R.T.: 7.021 min  
Delta R.T.: 0.000 min  
Response: 98353479  
Conc: 48.48 ng/ml



#19 Endosulfan Sulfate

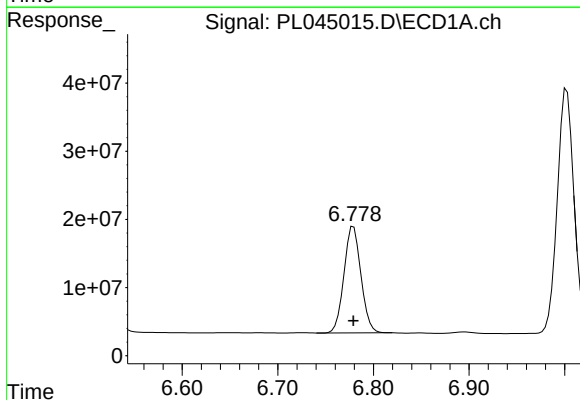
R.T.: 6.519 min  
Delta R.T.: 0.002 min  
Response: 363057542  
Conc: 49.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
M-11-A-DMS



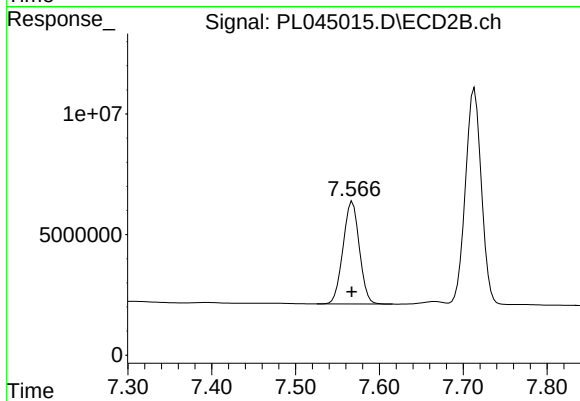
#19 Endosulfan Sulfate

R.T.: 7.244 min  
Delta R.T.: 0.001 min  
Response: 103907538  
Conc: 49.25 ng/ml



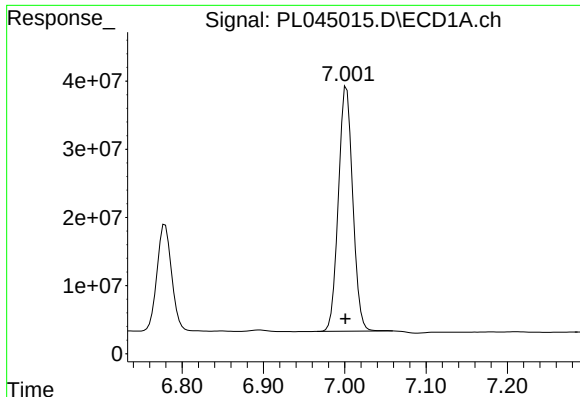
#20 Methoxychlor

R.T.: 6.779 min  
Delta R.T.: 0.000 min  
Response: 193078959  
Conc: 48.11 ng/ml



#20 Methoxychlor

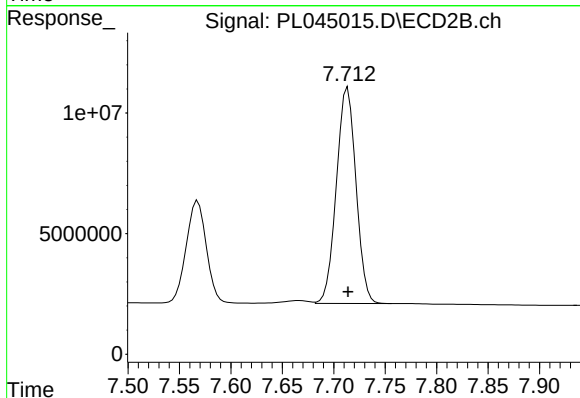
R.T.: 7.568 min  
Delta R.T.: 0.000 min  
Response: 57661651  
Conc: 48.26 ng/ml



#21 Endrin ketone

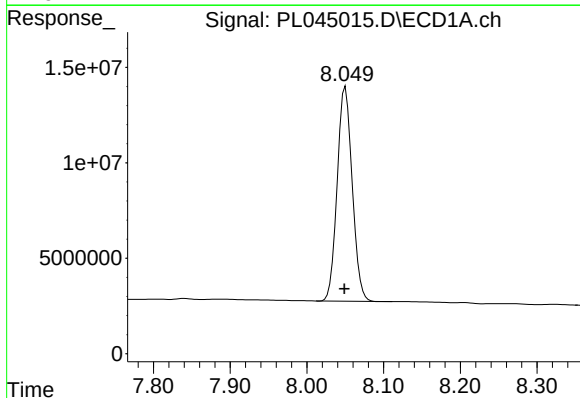
R.T.: 7.002 min  
Delta R.T.: 0.001 min  
Response: 439734330  
Conc: 52.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
M-11-A-DMS



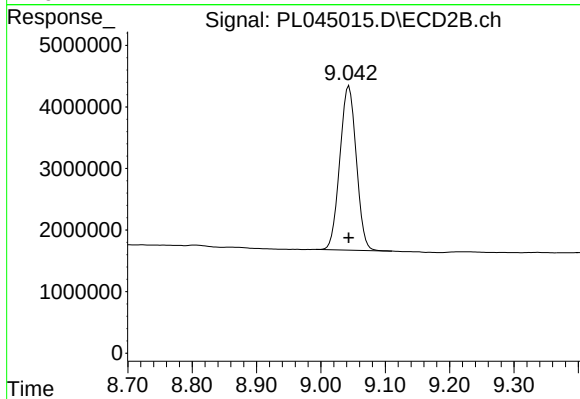
#21 Endrin ketone

R.T.: 7.714 min  
Delta R.T.: 0.000 min  
Response: 118749647  
Conc: 52.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.050 min  
Delta R.T.: 0.001 min  
Response: 152838383  
Conc: 20.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.044 min  
Delta R.T.: 0.000 min  
Response: 47362924  
Conc: 21.38 ng/ml