

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020419\  
 Data File : PL044413.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Feb 2019 17:02  
 Operator : AJ\SJ  
 Sample : K1362-01MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 FK-BPM-03-005-ABCDMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 02:27:41 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012219.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jan 28 01:20:09 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... | 3.366 | 3.985 | 131.9E6 | 46449459 | 21.759 | 21.294 |
| 28)                         | SA Decachlor... | 8.051 | 9.045 | 137.7E6 | 41448009 | 19.859 | 18.684 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.796 | 4.375 | 517.1E6 | 150.3E6  | 57.945 | 54.145 |
| 3)                          | MA gamma-BHC... | 4.074 | 4.660 | 471.3E6 | 139.6E6  | 58.616 | 52.792 |
| 4)                          | MA Heptachlor   | 4.362 | 5.168 | 478.8E6 | 140.0E6  | 60.728 | 53.956 |
| 5)                          | MB Aldrin       | 4.603 | 5.472 | 466.4E6 | 133.2E6  | 59.735 | 52.931 |
| 6)                          | B beta-BHC      | 4.326 | 4.831 | 199.8E6 | 64077121 | 57.636 | 54.304 |
| 7)                          | B delta-BHC     | 4.522 | 5.047 | 327.4E6 | 80694168 | 50.367 | 42.450 |
| 8)                          | B Heptachlor... | 5.041 | 5.858 | 433.7E6 | 123.5E6  | 57.443 | 53.381 |
| 9)                          | A Endosulfan I  | 5.373 | 6.214 | 387.6E6 | 112.7E6  | 55.016 | 48.665 |
| 10)                         | B gamma-Chl...  | 5.264 | 6.092 | 454.6E6 | 130.3E6  | 58.687 | 51.651 |
| 11)                         | B alpha-Chl...  | 5.320 | 6.164 | 443.8E6 | 129.0E6  | 58.240 | 51.258 |
| 12)                         | B 4,4'-DDE      | 5.488 | 6.322 | 416.7E6 | 115.7E6  | 61.522 | 53.915 |
| 13)                         | MA Dieldrin     | 5.613 | 6.471 | 438.4E6 | 121.7E6  | 58.336 | 50.811 |
| 14)                         | MA Endrin       | 5.866 | 6.688 | 356.6E6 | 92406063 | 53.185 | 45.853 |
| 15)                         | B Endosulfa...  | 6.141 | 6.898 | 363.0E6 | 104.6E6  | 53.799 | 49.528 |
| 16)                         | A 4,4'-DDD      | 5.999 | 6.812 | 337.1E6 | 95031601 | 60.675 | 55.415 |
| 17)                         | MA 4,4'-DDT     | 6.235 | 7.110 | 313.4E6 | 85665860 | 61.484 | 52.201 |
| 18)                         | B Endrin al...  | 6.308 | 7.022 | 258.1E6 | 76303996 | 45.644 | 40.002 |
| 19)                         | B Endosulfa...  | 6.519 | 7.244 | 268.3E6 | 89653165 | 47.046 | 46.625 |
| 20)                         | A Methoxychlor  | 6.781 | 7.568 | 161.7E6 | 48809658 | 54.538 | 47.722 |
| 21)                         | B Endrin ke...  | 7.003 | 7.714 | 385.7E6 | 103.1E6  | 55.396 | 48.332 |
| -----                       |                 |       |       |         |          |        |        |

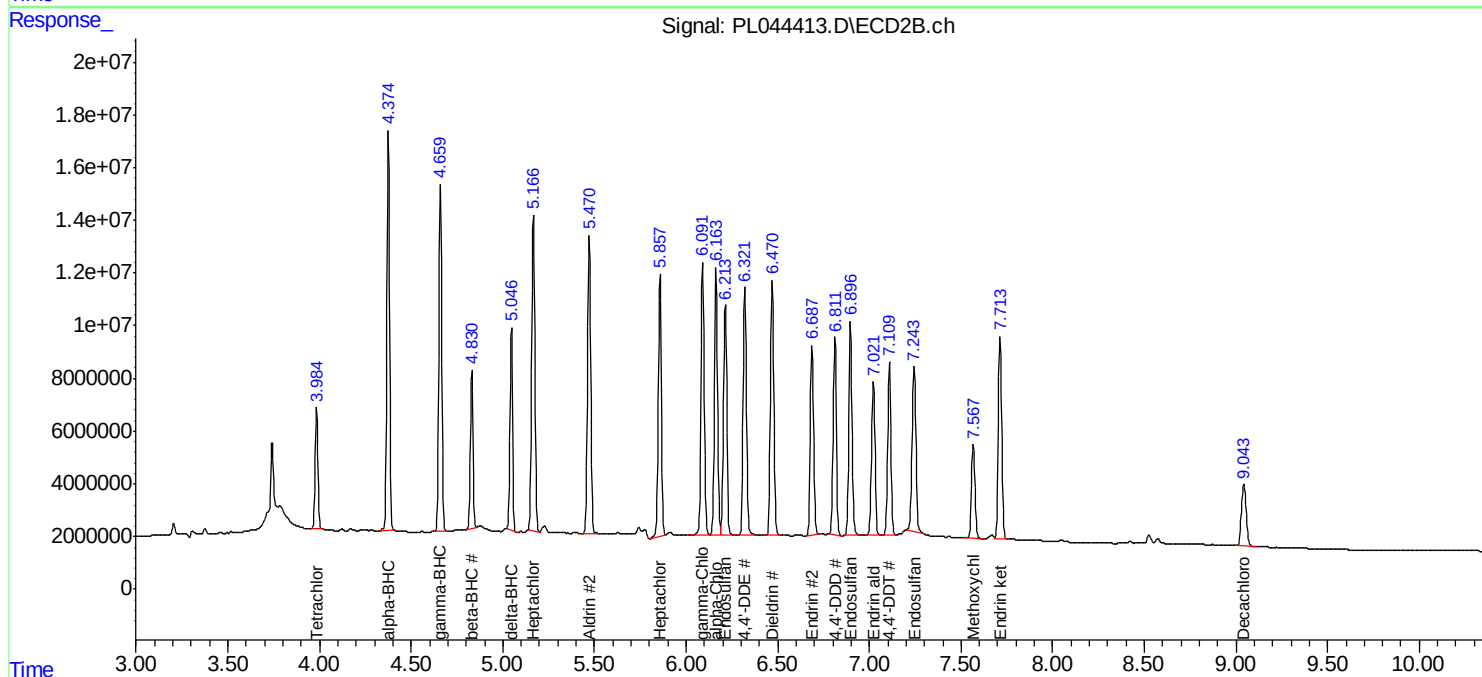
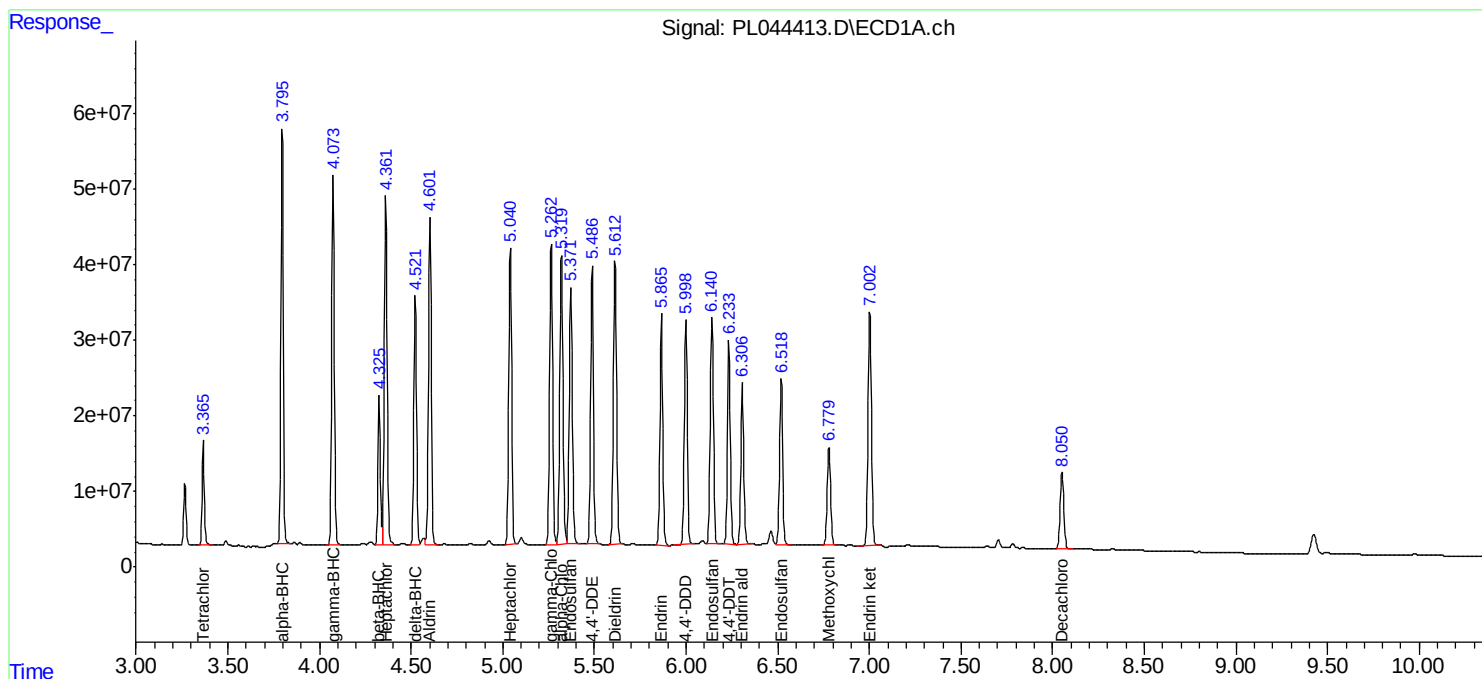
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

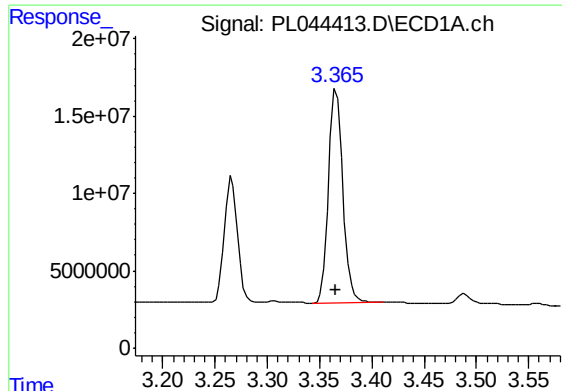
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020419\  
Data File : PL044413.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Feb 2019 17:02  
Operator : AJ\SJ  
Sample : K1362-01MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-03-005-ABCDMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 02:27:41 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012219.M  
Quant Title : GC Extractables  
QLast Update : Mon Jan 28 01:20:09 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

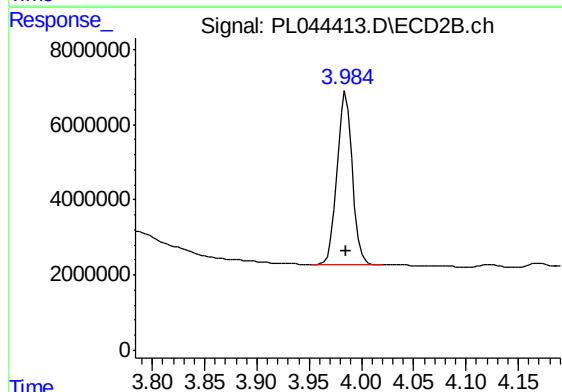




#1 Tetrachloro-m-xylene

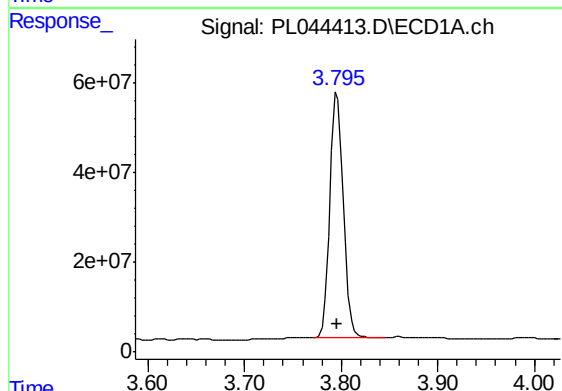
R.T.: 3.366 min  
Delta R.T.: 0.001 min  
Response: 131865183  
Conc: 21.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-03-005-ABCDMSD



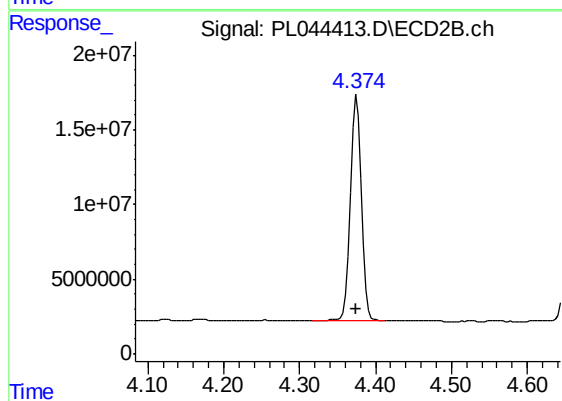
#1 Tetrachloro-m-xylene

R.T.: 3.985 min  
Delta R.T.: 0.000 min  
Response: 46449459  
Conc: 21.29 ng/ml



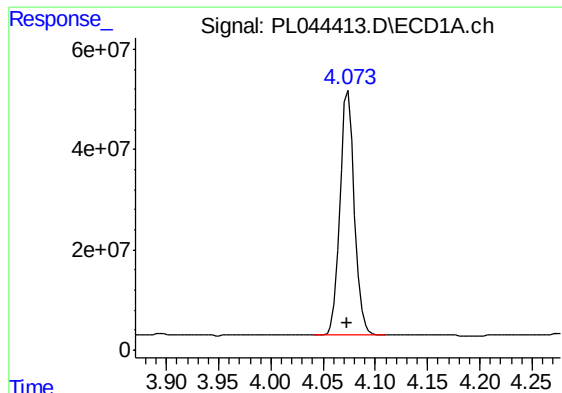
#2 alpha-BHC

R.T.: 3.796 min  
Delta R.T.: 0.000 min  
Response: 517072565  
Conc: 57.94 ng/ml



#2 alpha-BHC

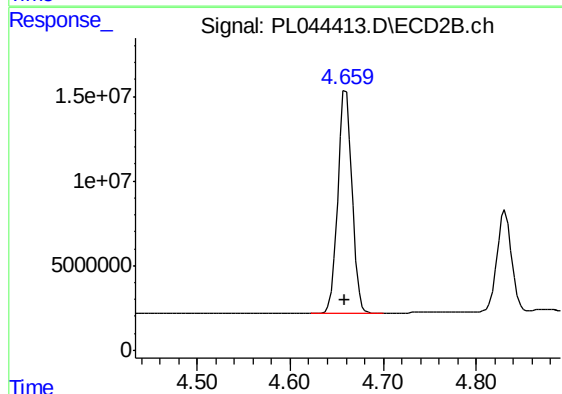
R.T.: 4.375 min  
Delta R.T.: 0.000 min  
Response: 150279283  
Conc: 54.14 ng/ml



#3 gamma-BHC (Lindane)

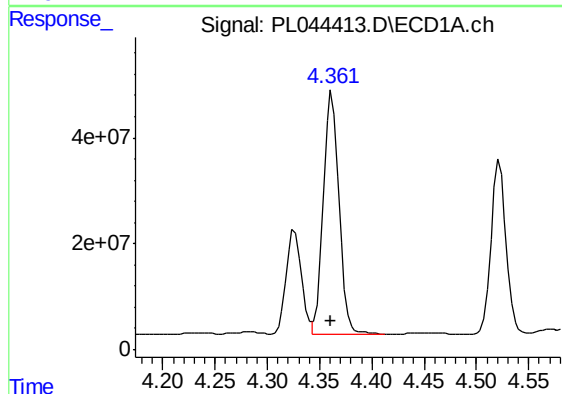
R.T.: 4.074 min  
Delta R.T.: 0.001 min  
Response: 471305801  
Conc: 58.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-03-005-ABCDMSD



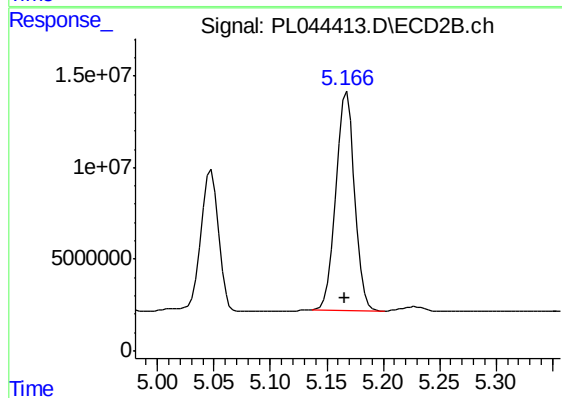
#3 gamma-BHC (Lindane)

R.T.: 4.660 min  
Delta R.T.: 0.000 min  
Response: 139572053  
Conc: 52.79 ng/ml



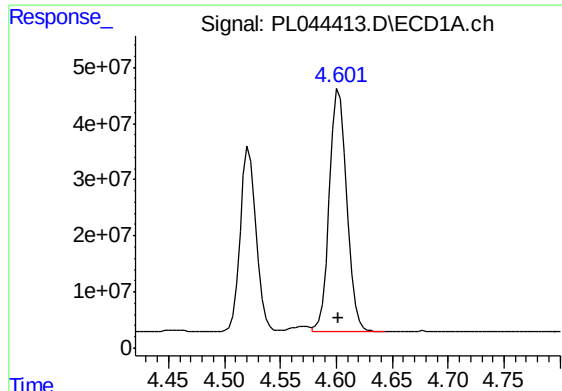
#4 Heptachlor

R.T.: 4.362 min  
Delta R.T.: 0.000 min  
Response: 478762570  
Conc: 60.73 ng/ml



#4 Heptachlor

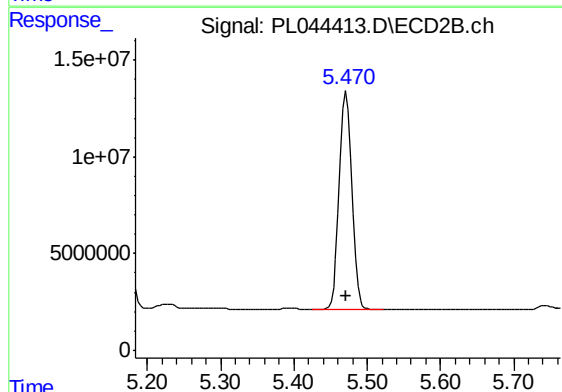
R.T.: 5.168 min  
Delta R.T.: 0.001 min  
Response: 140015647  
Conc: 53.96 ng/ml



#5 Aldrin

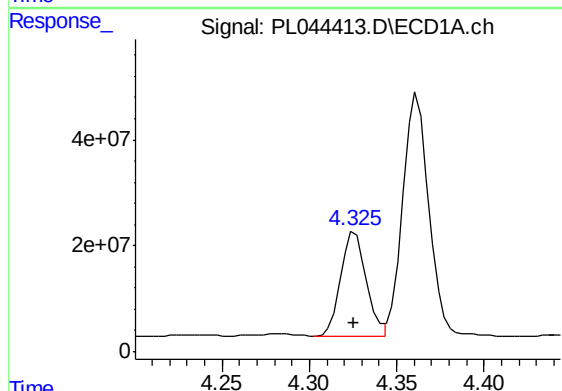
R.T.: 4.603 min  
Delta R.T.: 0.001 min  
Response: 466409141  
Conc: 59.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-03-005-ABCDMSD



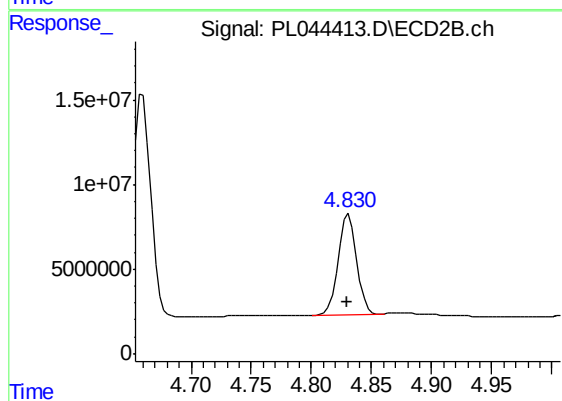
#5 Aldrin

R.T.: 5.472 min  
Delta R.T.: 0.001 min  
Response: 133173720  
Conc: 52.93 ng/ml



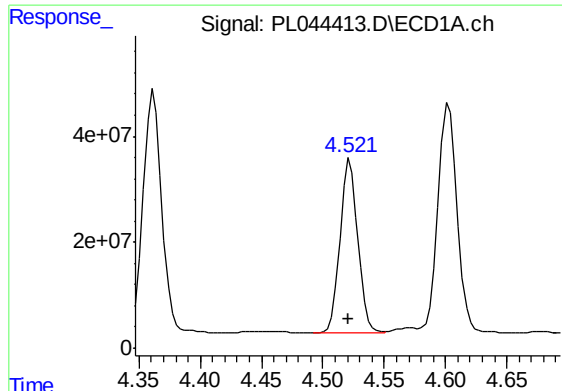
#6 beta-BHC

R.T.: 4.326 min  
Delta R.T.: 0.001 min  
Response: 199818928  
Conc: 57.64 ng/ml



#6 beta-BHC

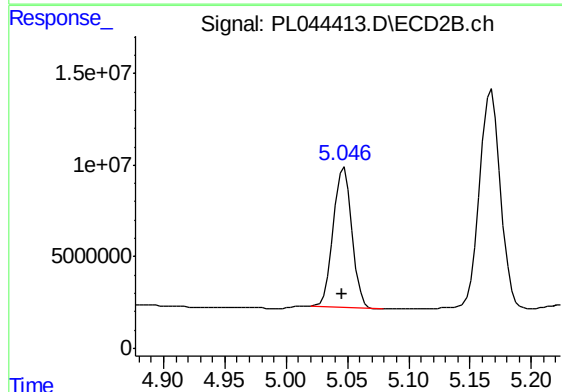
R.T.: 4.831 min  
Delta R.T.: 0.001 min  
Response: 64077121  
Conc: 54.30 ng/ml



#7 delta-BHC

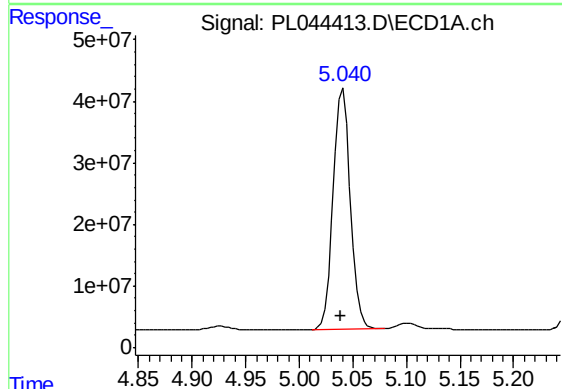
R.T.: 4.522 min  
Delta R.T.: 0.001 min  
Response: 327371516  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-03-005-ABCDMSD



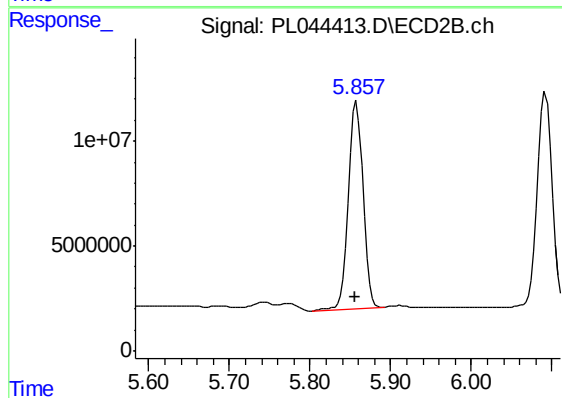
#7 delta-BHC

R.T.: 5.047 min  
Delta R.T.: 0.002 min  
Response: 80694168  
Conc: 42.45 ng/ml



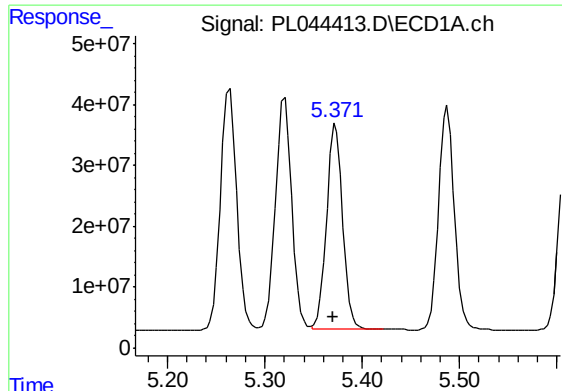
#8 Heptachlor epoxide

R.T.: 5.041 min  
Delta R.T.: 0.002 min  
Response: 433712079  
Conc: 57.44 ng/ml



#8 Heptachlor epoxide

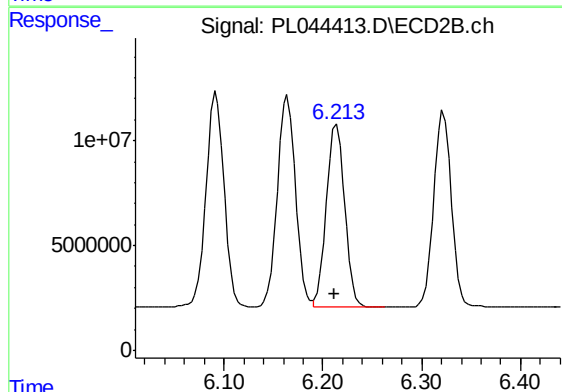
R.T.: 5.858 min  
Delta R.T.: 0.002 min  
Response: 123460818  
Conc: 53.38 ng/ml



#9 Endosulfan I

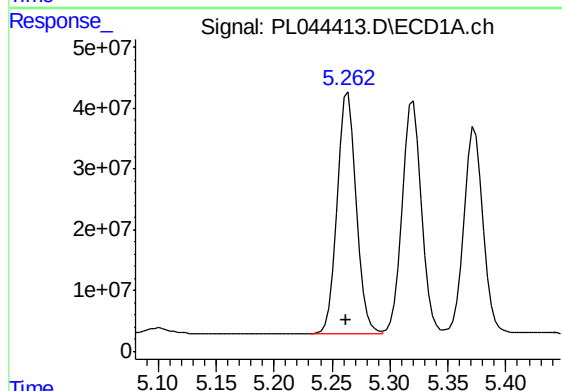
R.T.: 5.373 min  
Delta R.T.: 0.002 min  
Response: 387565974  
Conc: 55.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-03-005-ABCDMSD



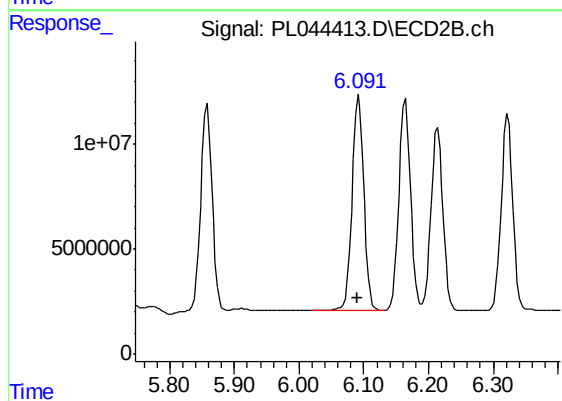
#9 Endosulfan I

R.T.: 6.214 min  
Delta R.T.: 0.002 min  
Response: 112666014  
Conc: 48.67 ng/ml



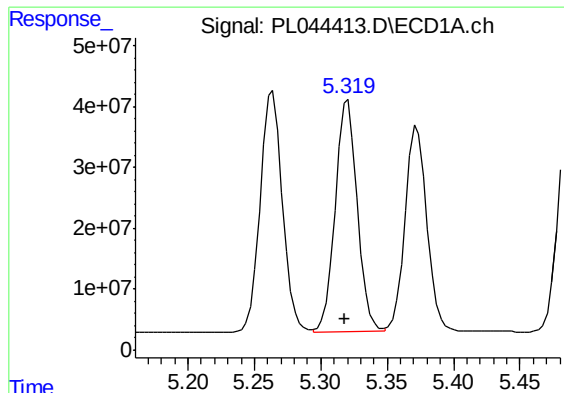
#10 gamma-Chlordane

R.T.: 5.264 min  
Delta R.T.: 0.002 min  
Response: 454562529  
Conc: 58.69 ng/ml



#10 gamma-Chlordane

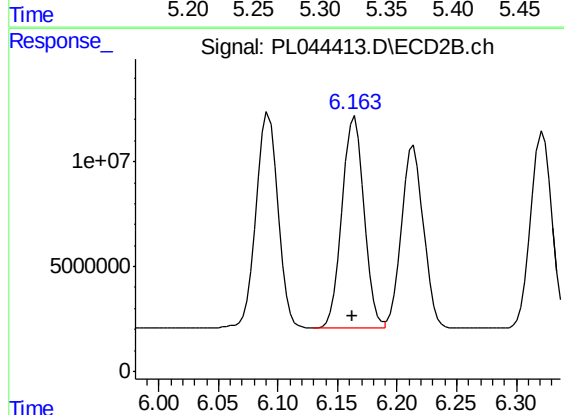
R.T.: 6.092 min  
Delta R.T.: 0.002 min  
Response: 130332840  
Conc: 51.65 ng/ml



#11 alpha-Chlordane

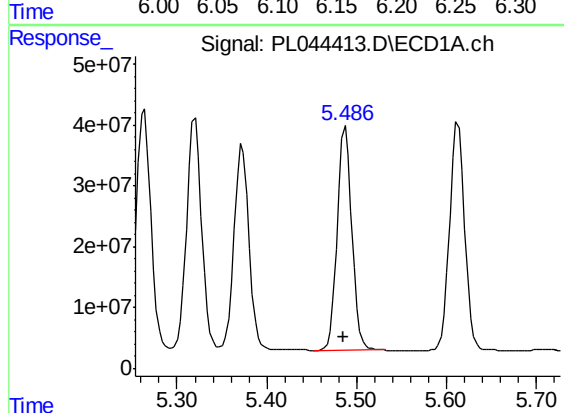
R.T.: 5.320 min  
Delta R.T.: 0.002 min  
Response: 443797736  
Conc: 58.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-03-005-ABCDMSD



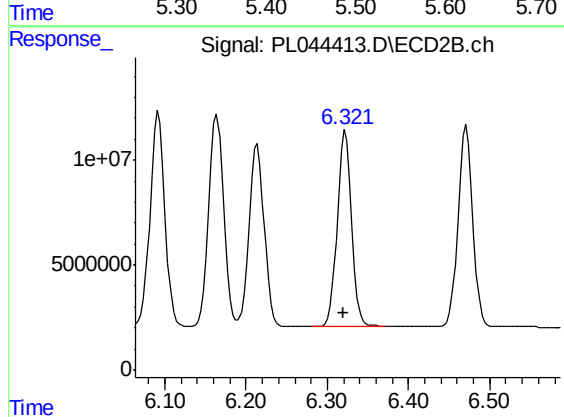
#11 alpha-Chlordane

R.T.: 6.164 min  
Delta R.T.: 0.002 min  
Response: 128963273  
Conc: 51.26 ng/ml



#12 4,4'-DDE

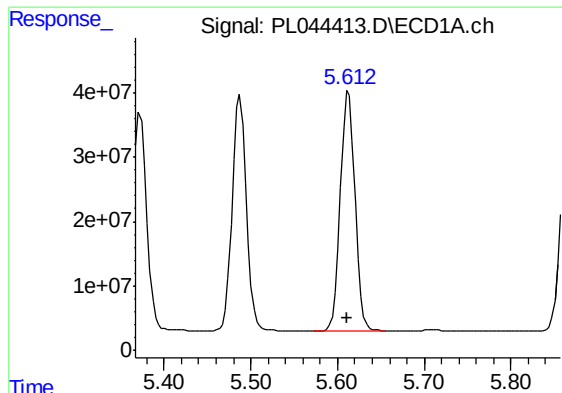
R.T.: 5.488 min  
Delta R.T.: 0.002 min  
Response: 416720031  
Conc: 61.52 ng/ml



#12 4,4'-DDE

R.T.: 6.322 min  
Delta R.T.: 0.002 min  
Response: 115706964  
Conc: 53.91 ng/ml

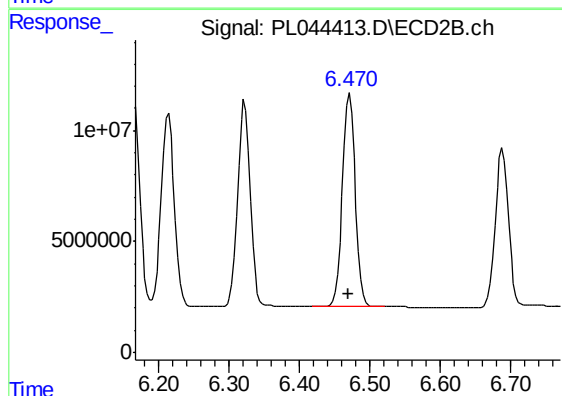




#13 Dielldrin

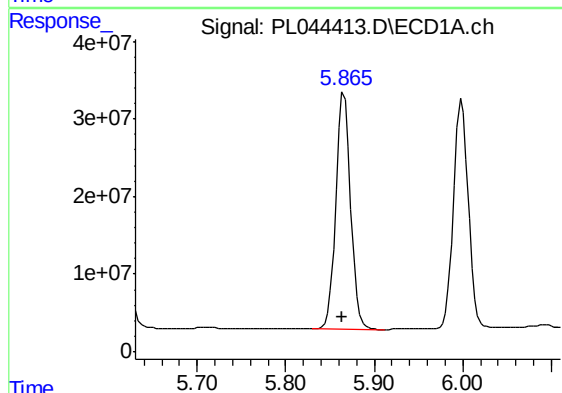
R.T.: 5.613 min  
Delta R.T.: 0.002 min  
Response: 438397841  
Conc: 58.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-03-005-ABCDMSD



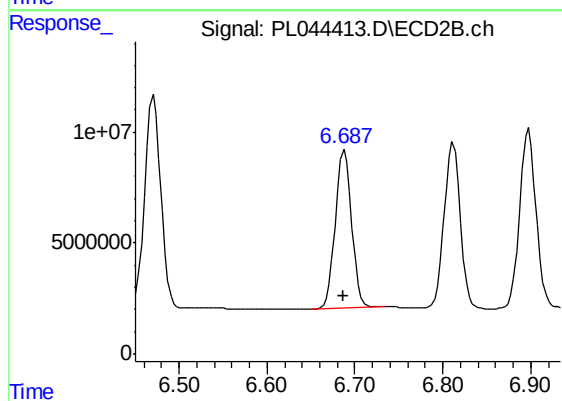
#13 Dielldrin

R.T.: 6.471 min  
Delta R.T.: 0.002 min  
Response: 121739672  
Conc: 50.81 ng/ml



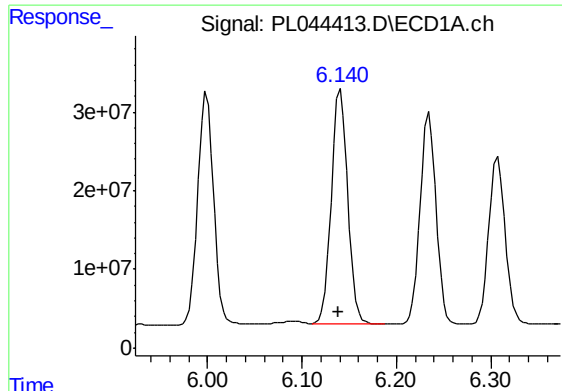
#14 Endrin

R.T.: 5.866 min  
Delta R.T.: 0.002 min  
Response: 356641819  
Conc: 53.18 ng/ml



#14 Endrin

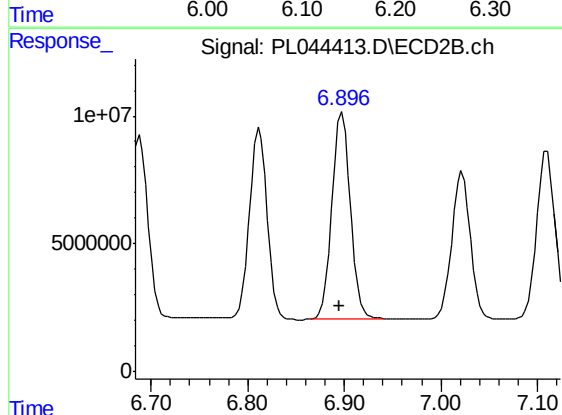
R.T.: 6.688 min  
Delta R.T.: 0.002 min  
Response: 92406063  
Conc: 45.85 ng/ml



#15 Endosulfan II

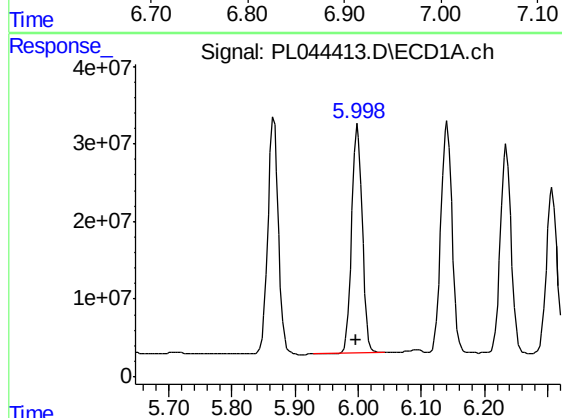
R.T.: 6.141 min  
Delta R.T.: 0.003 min  
Response: 362956673  
Conc: 53.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-03-005-ABCDMSD



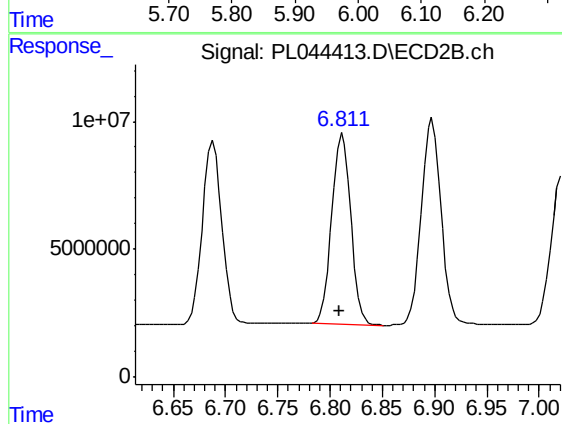
#15 Endosulfan II

R.T.: 6.898 min  
Delta R.T.: 0.003 min  
Response: 104584366  
Conc: 49.53 ng/ml



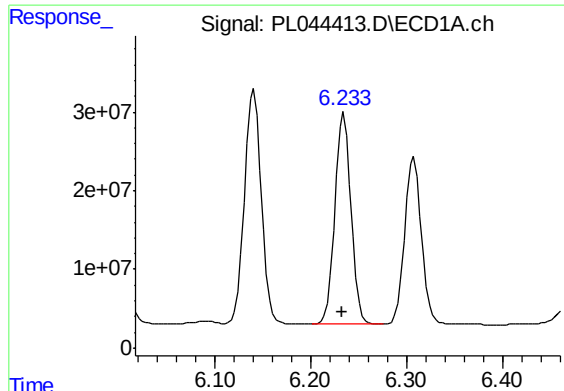
#16 4,4'-DDD

R.T.: 5.999 min  
Delta R.T.: 0.002 min  
Response: 337115919  
Conc: 60.67 ng/ml



#16 4,4'-DDD

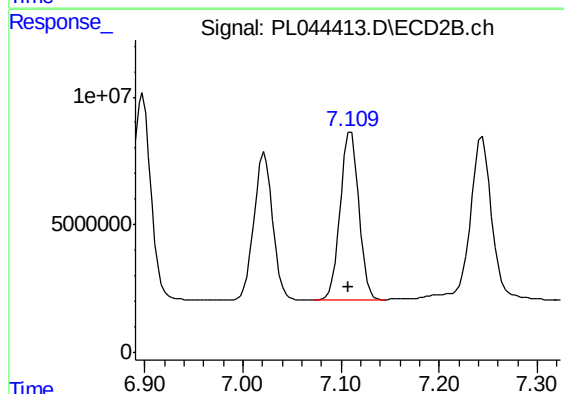
R.T.: 6.812 min  
Delta R.T.: 0.003 min  
Response: 95031601  
Conc: 55.42 ng/ml



#17 4,4'-DDT

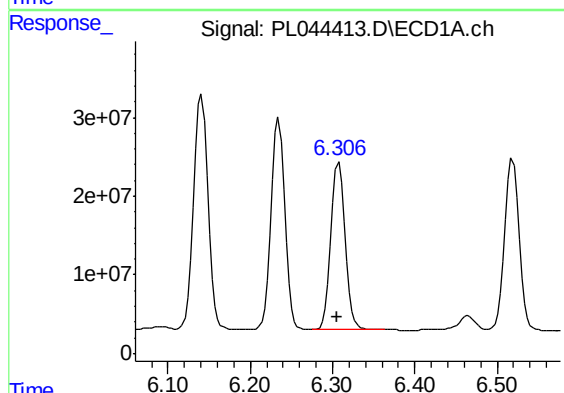
R.T.: 6.235 min  
Delta R.T.: 0.002 min  
Response: 313443420  
Conc: 61.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-03-005-ABCDMSD



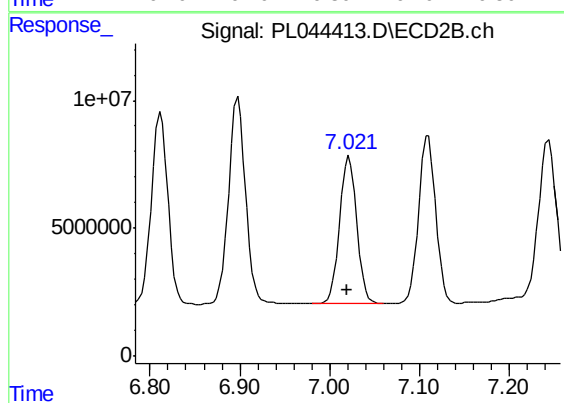
#17 4,4'-DDT

R.T.: 7.110 min  
Delta R.T.: 0.003 min  
Response: 85665860  
Conc: 52.20 ng/ml



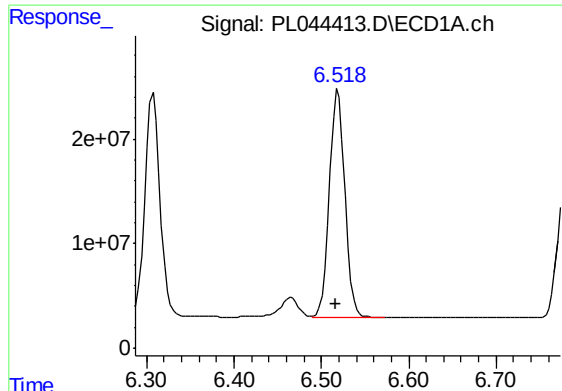
#18 Endrin aldehyde

R.T.: 6.308 min  
Delta R.T.: 0.003 min  
Response: 258106571  
Conc: 45.64 ng/ml



#18 Endrin aldehyde

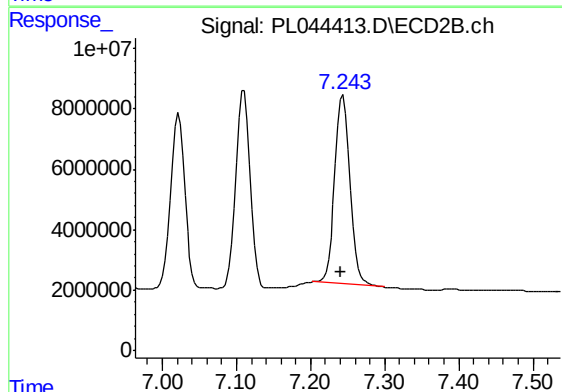
R.T.: 7.022 min  
Delta R.T.: 0.003 min  
Response: 76303996  
Conc: 40.00 ng/ml



#19 Endosulfan Sulfate

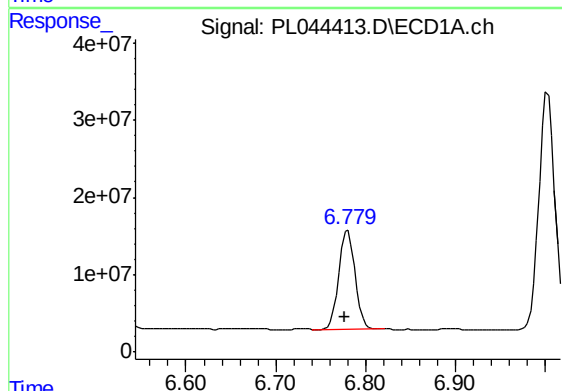
R.T.: 6.519 min  
Delta R.T.: 0.002 min  
Response: 268300330  
Conc: 47.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-03-005-ABCDMSD



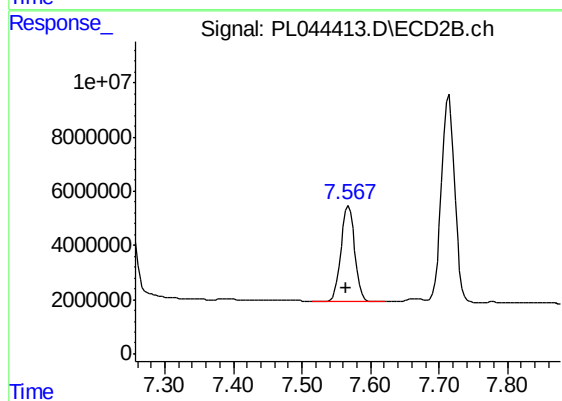
#19 Endosulfan Sulfate

R.T.: 7.244 min  
Delta R.T.: 0.003 min  
Response: 89653165  
Conc: 46.63 ng/ml



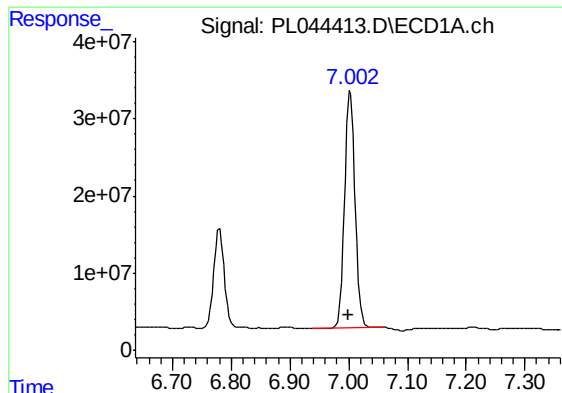
#20 Methoxychlor

R.T.: 6.781 min  
Delta R.T.: 0.004 min  
Response: 161726481  
Conc: 54.54 ng/ml



#20 Methoxychlor

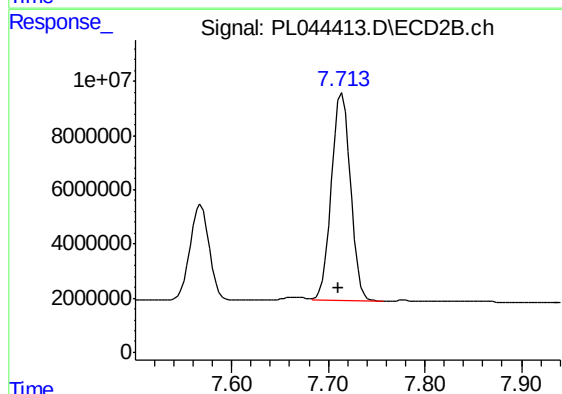
R.T.: 7.568 min  
Delta R.T.: 0.003 min  
Response: 48809658  
Conc: 47.72 ng/ml



#21 Endrin ketone

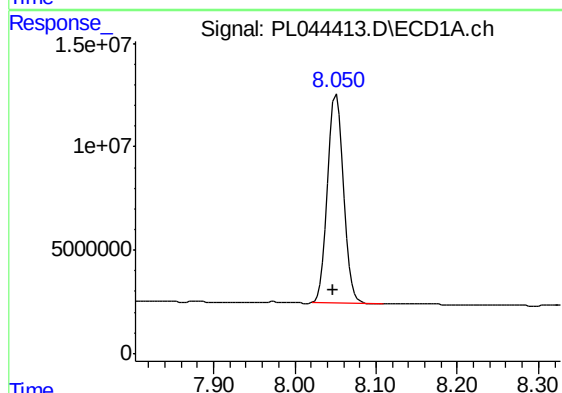
R.T.: 7.003 min  
Delta R.T.: 0.003 min  
Response: 385653558  
Conc: 55.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-03-005-ABCDMSD



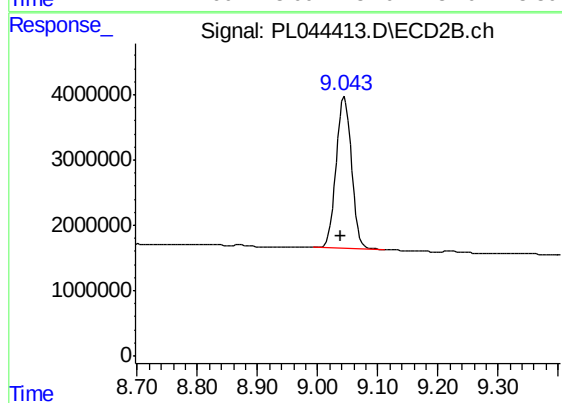
#21 Endrin ketone

R.T.: 7.714 min  
Delta R.T.: 0.003 min  
Response: 103125310  
Conc: 48.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.051 min  
Delta R.T.: 0.003 min  
Response: 137722070  
Conc: 19.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.045 min  
Delta R.T.: 0.005 min  
Response: 41448009  
Conc: 18.68 ng/ml