

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061719\  
 Data File : PL049565.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2019 17:13  
 Operator : SM\AJ  
 Sample : K3154-02MS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 JC-02-061419-AMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 01:15:09 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 31 01:35:35 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... | 3.324 | 3.936 | 211.1E6 | 63248658 | 19.162 | 21.893 |
| 28)                         | SA Decachlor... | 7.990 | 8.971 | 230.1E6 | 67001333 | 18.100 | 20.062 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.752 | 4.324 | 893.6E6 | 229.0E6  | 49.600 | 57.131 |
| 3)                          | MA gamma-BHC... | 4.028 | 4.607 | 864.8E6 | 213.2E6  | 51.027 | 56.953 |
| 4)                          | MA Heptachlor   | 4.312 | 5.110 | 888.5E6 | 207.9E6  | 50.174 | 51.745 |
| 5)                          | MB Aldrin       | 4.551 | 5.412 | 818.5E6 | 188.5E6  | 47.934 | 51.237 |
| 6)                          | B beta-BHC      | 4.281 | 4.783 | 362.5E6 | 95680135 | 52.170 | 55.549 |
| 7)                          | B delta-BHC     | 4.475 | 4.996 | 787.9E6 | 146.0E6  | 48.755 | 47.612 |
| 8)                          | B Heptachlor... | 4.987 | 5.799 | 815.0E6 | 170.3E6  | 54.953 | 52.086 |
| 9)                          | A Endosulfan I  | 5.318 | 6.154 | 746.7E6 | 169.3E6  | 51.022 | 52.564 |
| 10)                         | B gamma-Chl...  | 5.209 | 6.033 | 848.4E6 | 180.3E6  | 53.148 | 52.120 |
| 11)                         | B alpha-Chl...  | 5.266 | 6.105 | 815.2E6 | 180.3E6  | 52.179 | 51.984 |
| 12)                         | B 4,4'-DDE      | 5.434 | 6.265 | 821.6E6 | 171.9E6  | 52.526 | 52.379 |
| 13)                         | MA Dieldrin     | 5.557 | 6.411 | 834.7E6 | 167.0E6  | 54.590 | 49.799 |
| 14)                         | MA Endrin       | 5.809 | 6.628 | 800.3E6 | 154.4E6  | 55.484 | 51.747 |
| 15)                         | B Endosulfa...  | 6.084 | 6.839 | 716.3E6 | 150.8E6  | 54.242 | 49.722 |
| 16)                         | A 4,4'-DDD      | 5.944 | 6.755 | 646.9E6 | 132.1E6  | 54.354 | 50.228 |
| 17)                         | MA 4,4'-DDT     | 6.178 | 7.052 | 671.2E6 | 139.6E6  | 54.516 | 49.805 |
| 18)                         | B Endrin al...  | 6.251 | 6.963 | 596.2E6 | 127.4E6  | 54.480 | 49.391 |
| 19)                         | B Endosulfa...  | 6.462 | 7.186 | 610.9E6 | 137.9E6  | 47.050 | 45.349 |
| 20)                         | A Methoxychlor  | 6.723 | 7.513 | 309.0E6 | 80068508 | 48.171 | 48.297 |
| 21)                         | B Endrin ke...  | 6.944 | 7.655 | 658.2E6 | 155.2E6  | 46.252 | 48.777 |
| 22)                         | Mirex           | 7.118 | 8.104 | 507.9E6 | 126.4E6  | 48.201 | 48.649 |
| -----                       |                 |       |       |         |          |        |        |

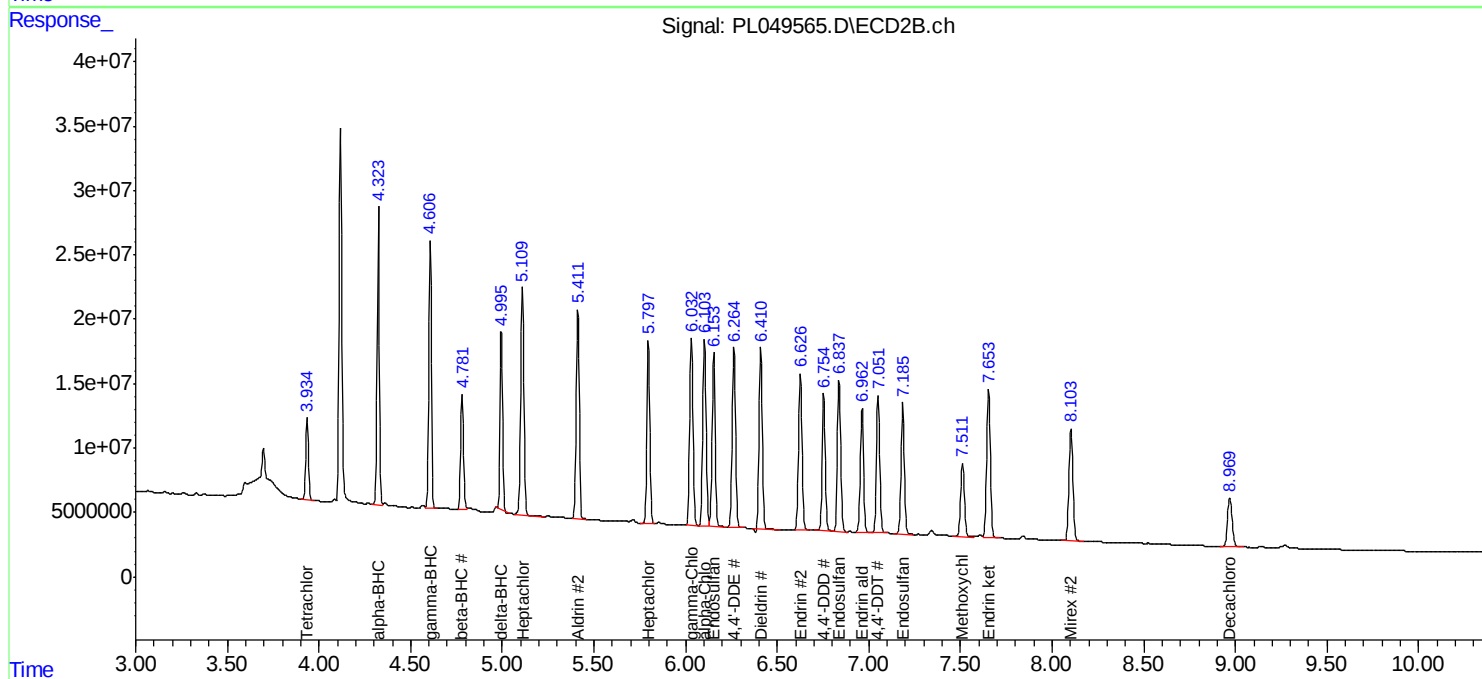
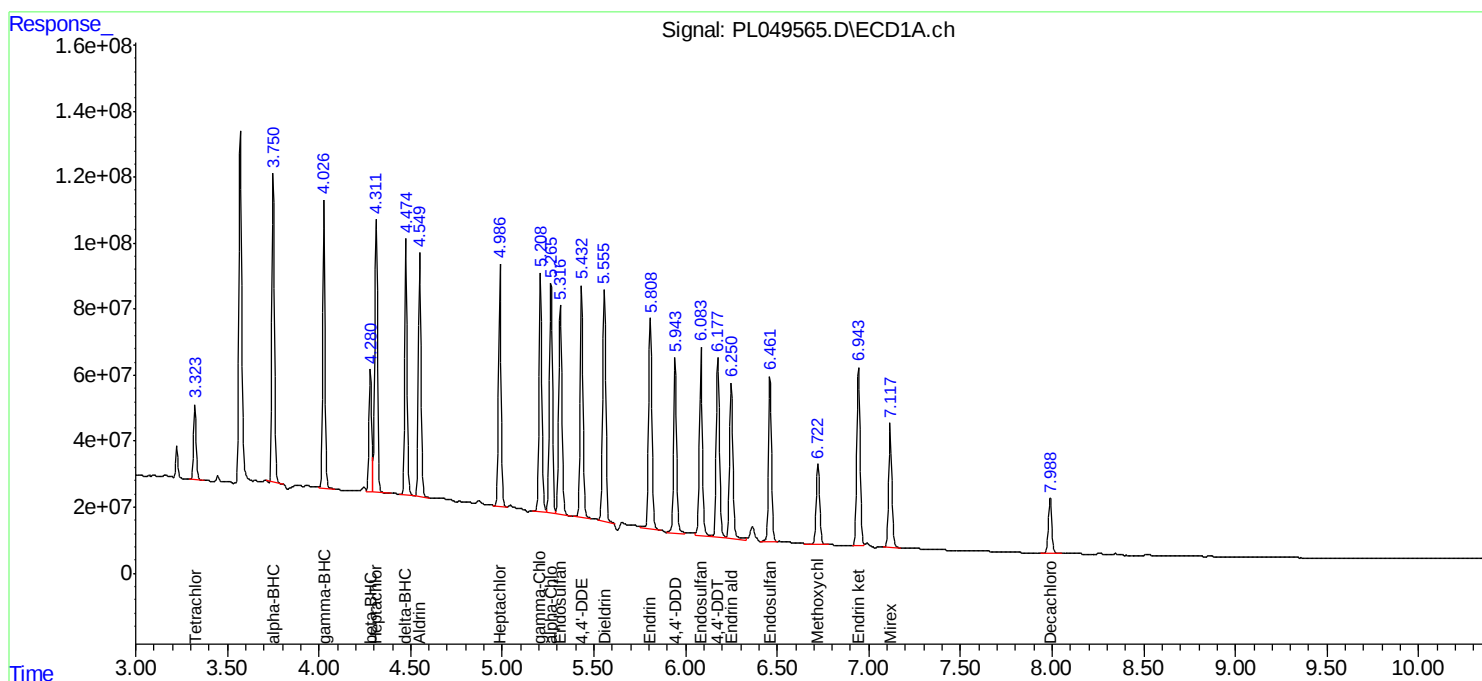
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

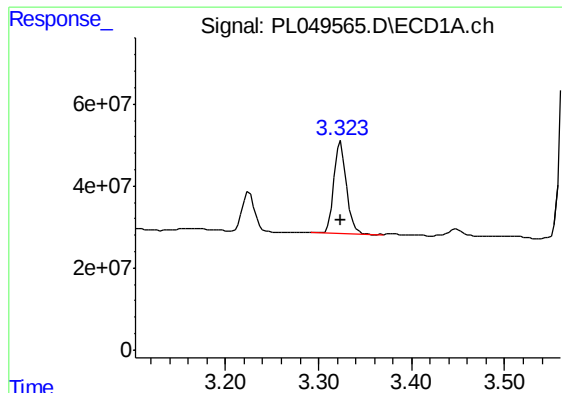
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061719\  
Data File : PL049565.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2019 17:13  
Operator : SM\AJ  
Sample : K3154-02MS  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-061419-AMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 01:15:09 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
Quant Title : GC Extractables  
QLast Update : Fri May 31 01:35:35 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

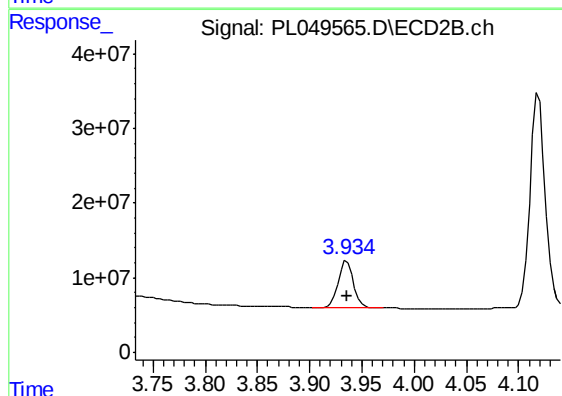




#1 Tetrachloro-m-xylene

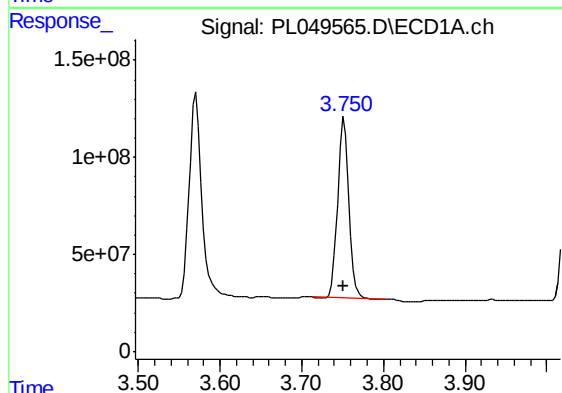
R.T.: 3.324 min  
Delta R.T.: 0.000 min  
Response: 211137898  
Conc: 19.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-061419-AMS



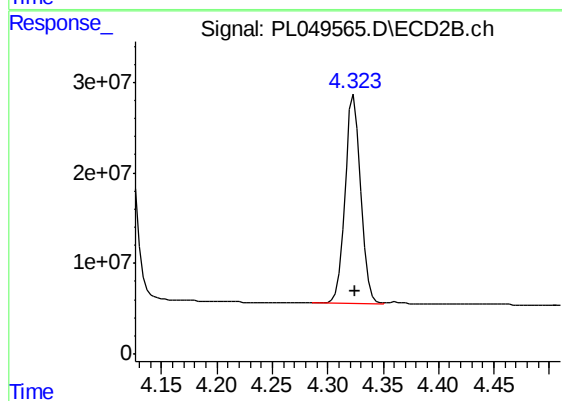
#1 Tetrachloro-m-xylene

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 63248658  
Conc: 21.89 ng/ml



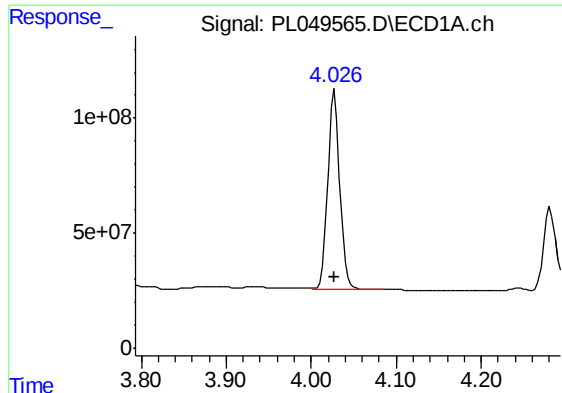
#2 alpha-BHC

R.T.: 3.752 min  
Delta R.T.: 0.000 min  
Response: 893622553  
Conc: 49.60 ng/ml



#2 alpha-BHC

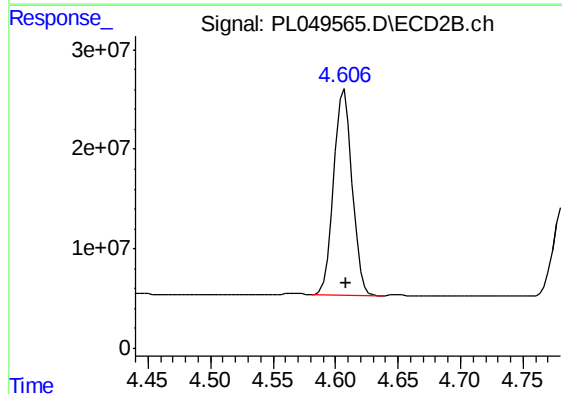
R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 228998207  
Conc: 57.13 ng/ml



#3 gamma-BHC (Lindane)

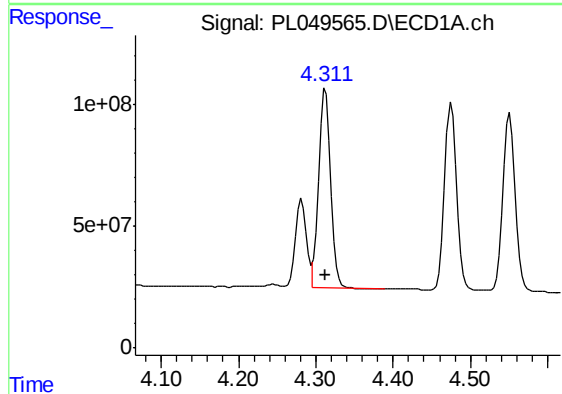
R.T.: 4.028 min  
Delta R.T.: 0.000 min  
Response: 864830594  
Conc: 51.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-061419-AMS



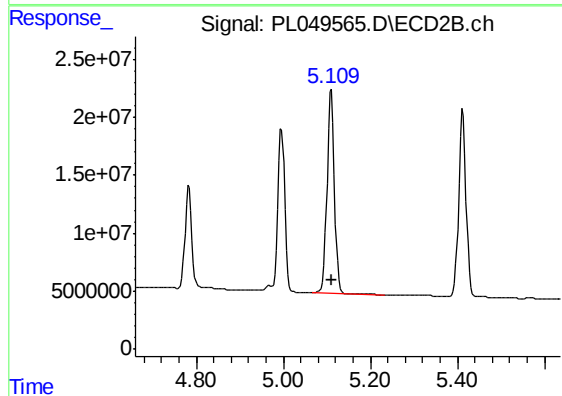
#3 gamma-BHC (Lindane)

R.T.: 4.607 min  
Delta R.T.: -0.001 min  
Response: 213209057  
Conc: 56.95 ng/ml



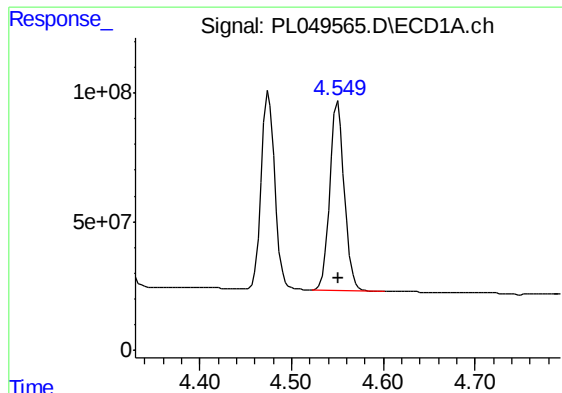
#4 Heptachlor

R.T.: 4.312 min  
Delta R.T.: 0.000 min  
Response: 888489741  
Conc: 50.17 ng/ml



#4 Heptachlor

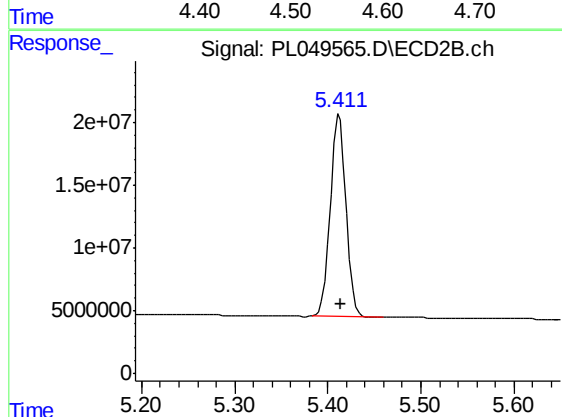
R.T.: 5.110 min  
Delta R.T.: -0.002 min  
Response: 207937255  
Conc: 51.74 ng/ml



#5 Aldrin

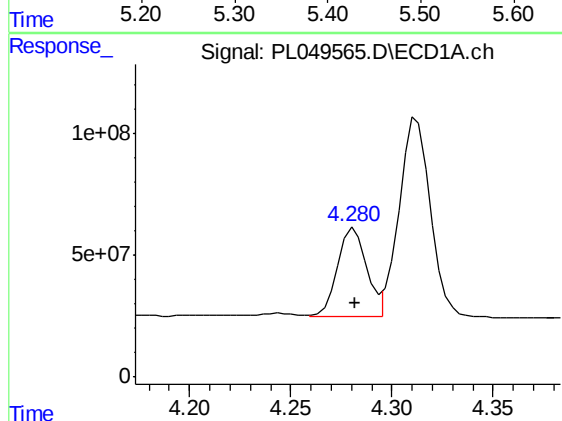
R.T.: 4.551 min  
Delta R.T.: 0.000 min  
Response: 818450939  
Conc: 47.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-061419-AMS



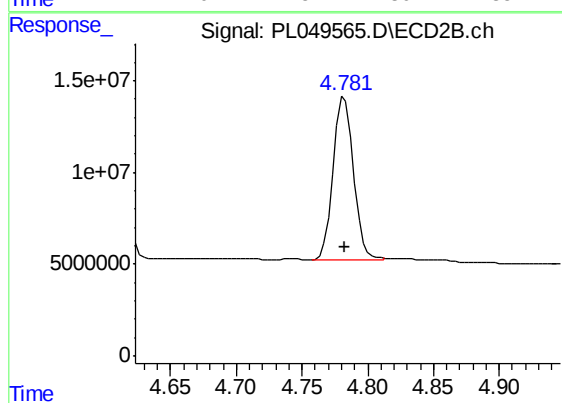
#5 Aldrin

R.T.: 5.412 min  
Delta R.T.: -0.002 min  
Response: 188512189  
Conc: 51.24 ng/ml



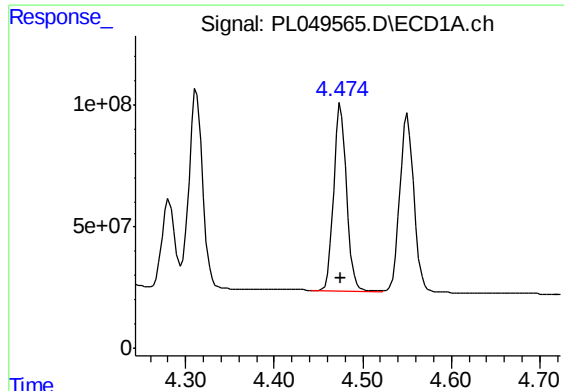
#6 beta-BHC

R.T.: 4.281 min  
Delta R.T.: 0.000 min  
Response: 362511281  
Conc: 52.17 ng/ml



#6 beta-BHC

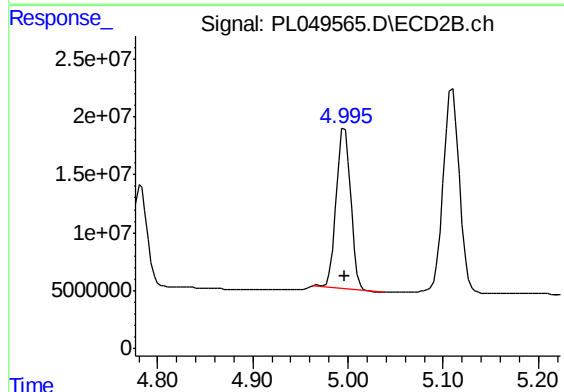
R.T.: 4.783 min  
Delta R.T.: 0.000 min  
Response: 95680135  
Conc: 55.55 ng/ml



#7 delta-BHC

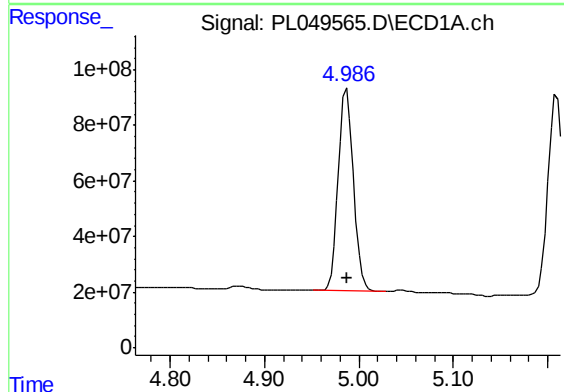
R.T.: 4.475 min  
Delta R.T.: 0.000 min  
Response: 787906676  
Conc: 48.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-061419-AMS



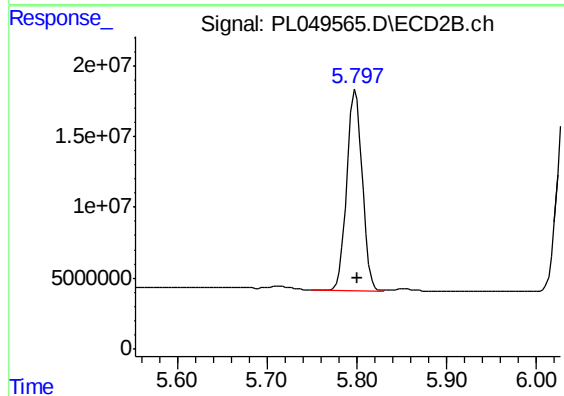
#7 delta-BHC

R.T.: 4.996 min  
Delta R.T.: 0.000 min  
Response: 146035768  
Conc: 47.61 ng/ml



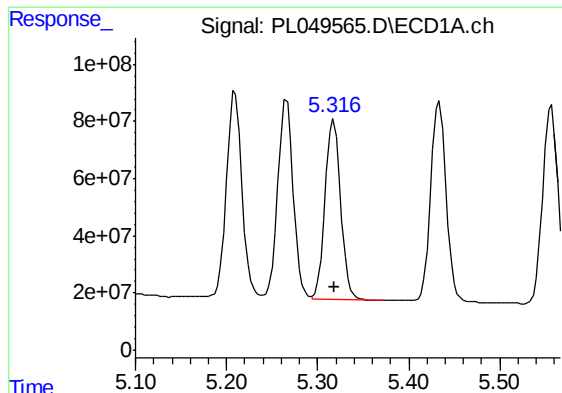
#8 Heptachlor epoxide

R.T.: 4.987 min  
Delta R.T.: -0.001 min  
Response: 814965688  
Conc: 54.95 ng/ml



#8 Heptachlor epoxide

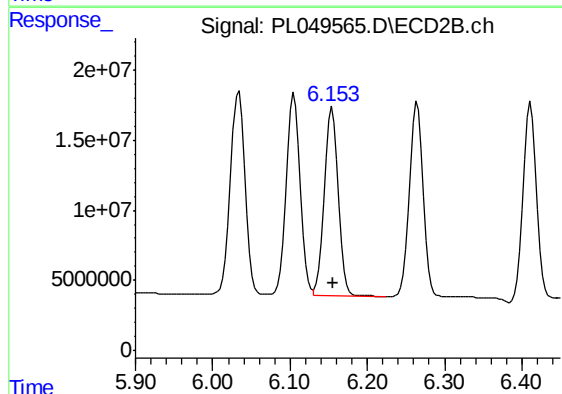
R.T.: 5.799 min  
Delta R.T.: -0.002 min  
Response: 170256687  
Conc: 52.09 ng/ml



#9 Endosulfan I

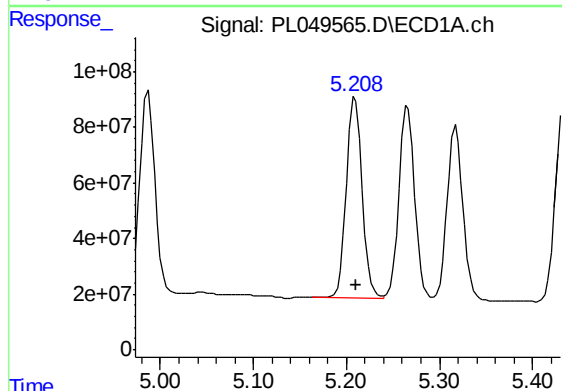
R.T.: 5.318 min  
Delta R.T.: -0.001 min  
Response: 746677727  
Conc: 51.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-061419-AMS



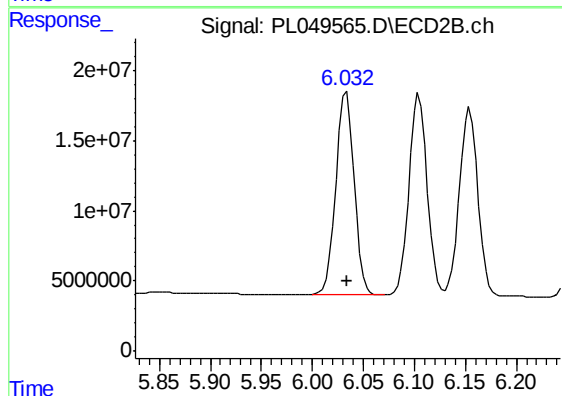
#9 Endosulfan I

R.T.: 6.154 min  
Delta R.T.: -0.002 min  
Response: 169297965  
Conc: 52.56 ng/ml



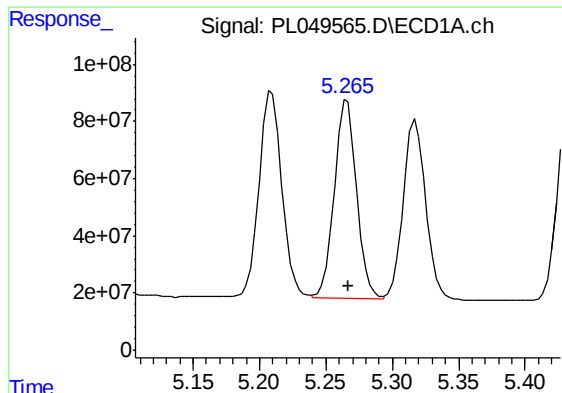
#10 gamma-Chlordane

R.T.: 5.209 min  
Delta R.T.: -0.001 min  
Response: 848447125  
Conc: 53.15 ng/ml



#10 gamma-Chlordane

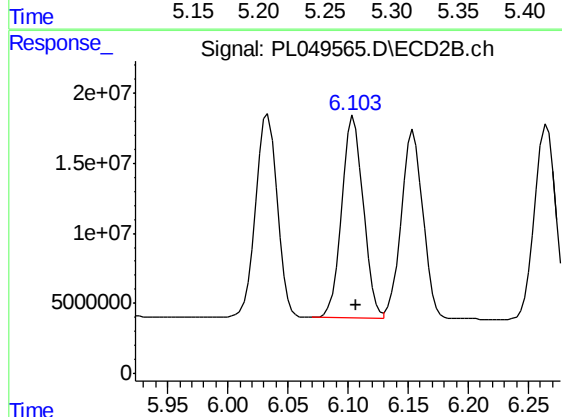
R.T.: 6.033 min  
Delta R.T.: -0.001 min  
Response: 180290569  
Conc: 52.12 ng/ml



#11 alpha-Chlordane

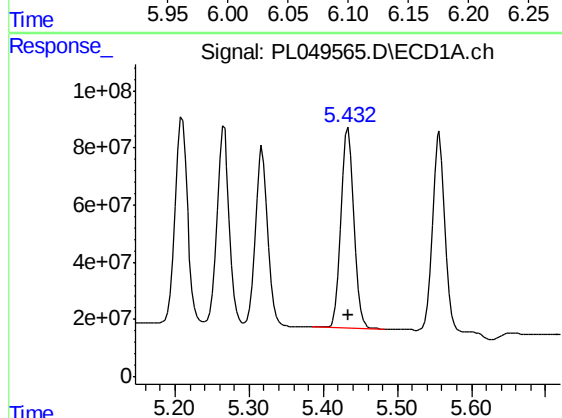
R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 815153179  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-061419-AMS



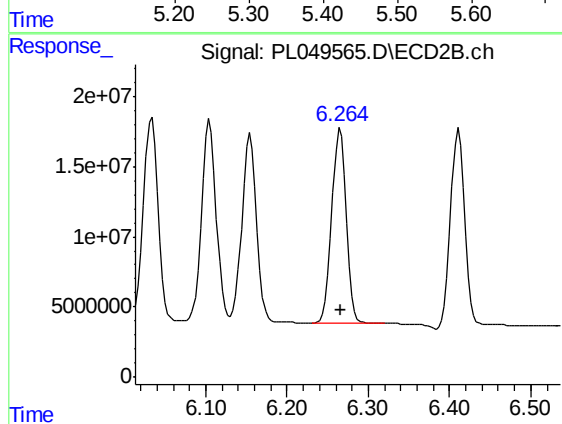
#11 alpha-Chlordane

R.T.: 6.105 min  
Delta R.T.: -0.002 min  
Response: 180338983  
Conc: 51.98 ng/ml



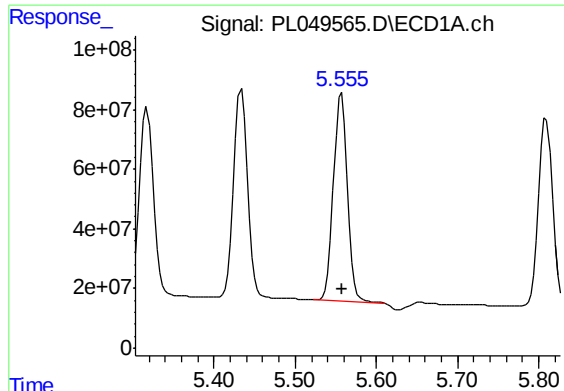
#12 4,4'-DDE

R.T.: 5.434 min  
Delta R.T.: 0.000 min  
Response: 821596394  
Conc: 52.53 ng/ml



#12 4,4'-DDE

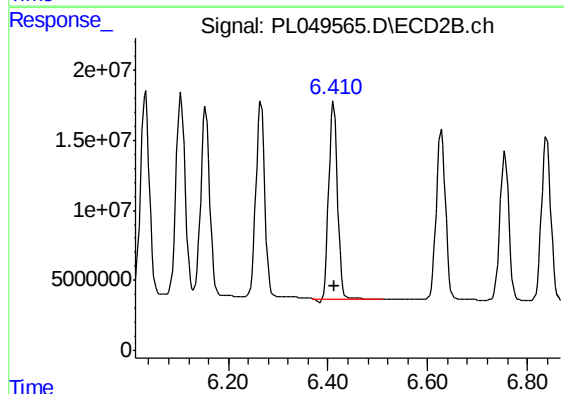
R.T.: 6.265 min  
Delta R.T.: -0.001 min  
Response: 171943731  
Conc: 52.38 ng/ml



#13 Dieldrin

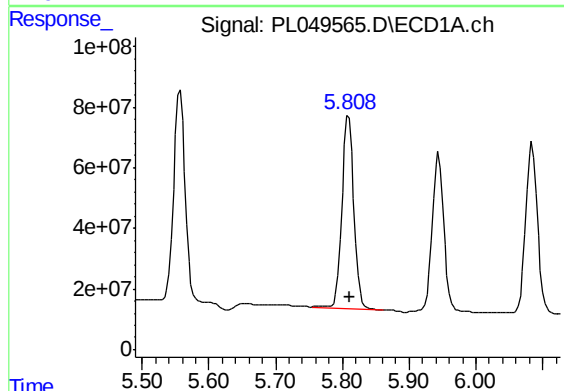
R.T.: 5.557 min  
Delta R.T.: -0.001 min  
Response: 834710440  
Conc: 54.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-061419-AMS



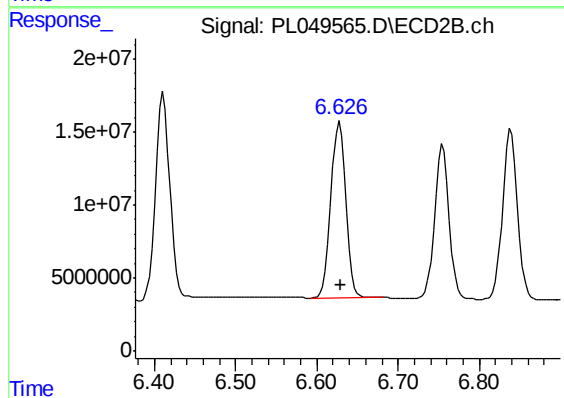
#13 Dieldrin

R.T.: 6.411 min  
Delta R.T.: -0.001 min  
Response: 167014673  
Conc: 49.80 ng/ml



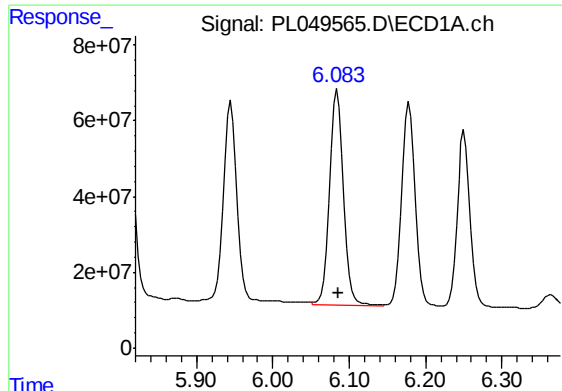
#14 Endrin

R.T.: 5.809 min  
Delta R.T.: -0.002 min  
Response: 800257447  
Conc: 55.48 ng/ml



#14 Endrin

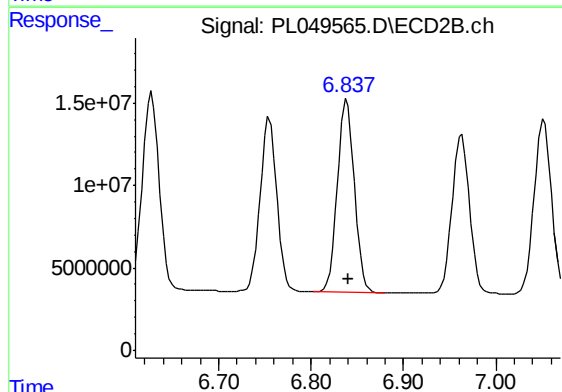
R.T.: 6.628 min  
Delta R.T.: -0.002 min  
Response: 154424765  
Conc: 51.75 ng/ml



#15 Endosulfan II

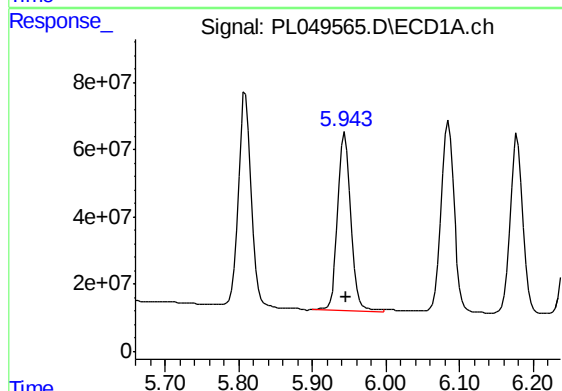
R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 716284538  
Conc: 54.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-061419-AMS



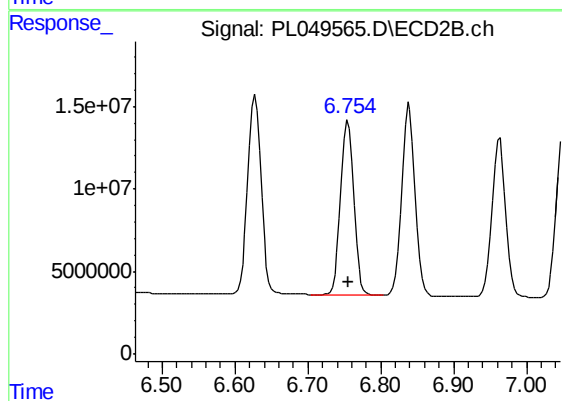
#15 Endosulfan II

R.T.: 6.839 min  
Delta R.T.: -0.002 min  
Response: 150812068  
Conc: 49.72 ng/ml



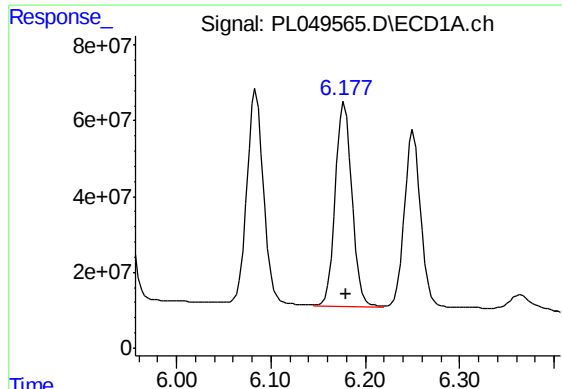
#16 4,4'-DDD

R.T.: 5.944 min  
Delta R.T.: -0.001 min  
Response: 646852943  
Conc: 54.35 ng/ml



#16 4,4'-DDD

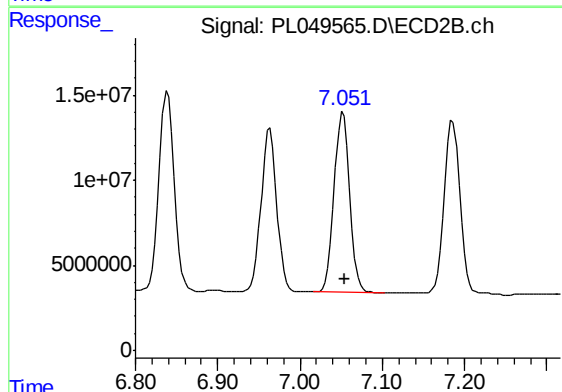
R.T.: 6.755 min  
Delta R.T.: 0.000 min  
Response: 132114366  
Conc: 50.23 ng/ml



#17 4,4'-DDT

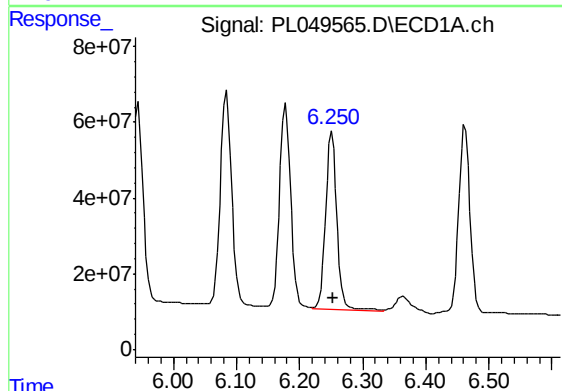
R.T.: 6.178 min  
Delta R.T.: -0.002 min  
Response: 671231817  
Conc: 54.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-061419-AMS



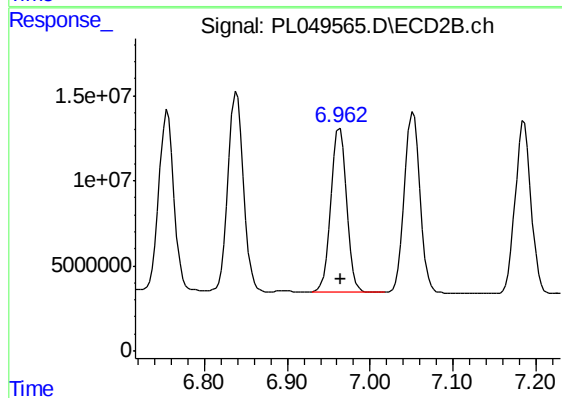
#17 4,4'-DDT

R.T.: 7.052 min  
Delta R.T.: -0.001 min  
Response: 139634798  
Conc: 49.80 ng/ml



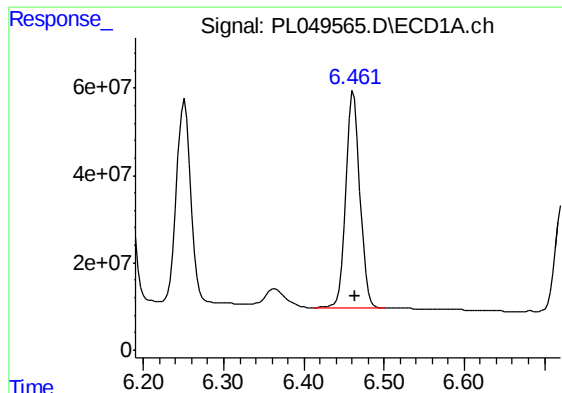
#18 Endrin aldehyde

R.T.: 6.251 min  
Delta R.T.: -0.001 min  
Response: 596232881  
Conc: 54.48 ng/ml



#18 Endrin aldehyde

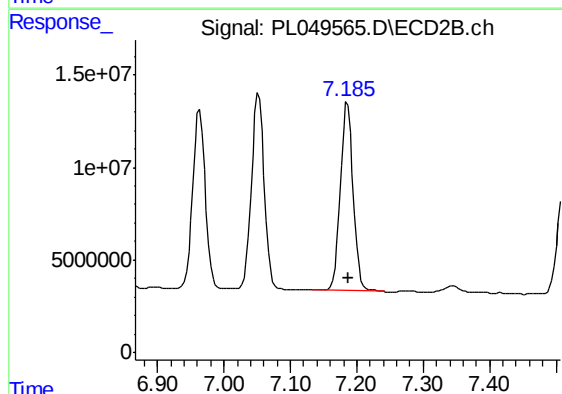
R.T.: 6.963 min  
Delta R.T.: -0.002 min  
Response: 127390803  
Conc: 49.39 ng/ml



#19 Endosulfan Sulfate

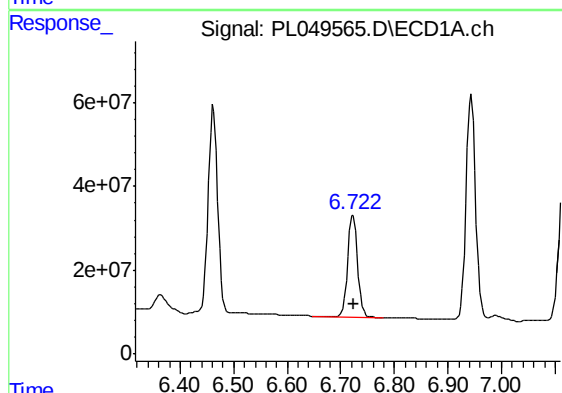
R.T.: 6.462 min  
Delta R.T.: -0.001 min  
Response: 610880339  
Conc: 47.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-061419-AMS



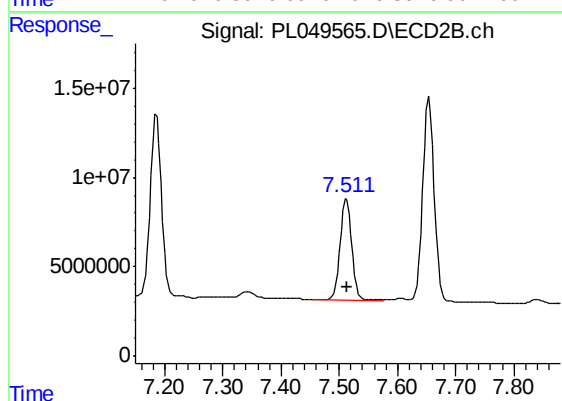
#19 Endosulfan Sulfate

R.T.: 7.186 min  
Delta R.T.: -0.002 min  
Response: 137898624  
Conc: 45.35 ng/ml



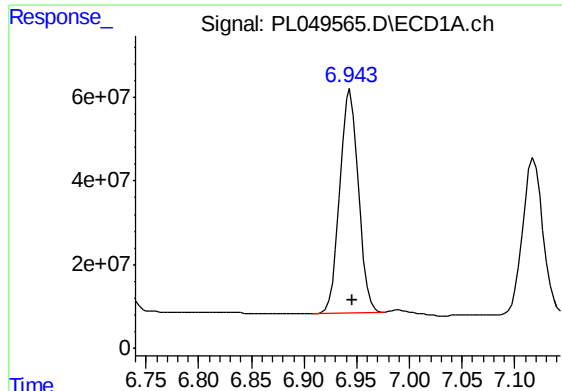
#20 Methoxychlor

R.T.: 6.723 min  
Delta R.T.: -0.002 min  
Response: 308956182  
Conc: 48.17 ng/ml



#20 Methoxychlor

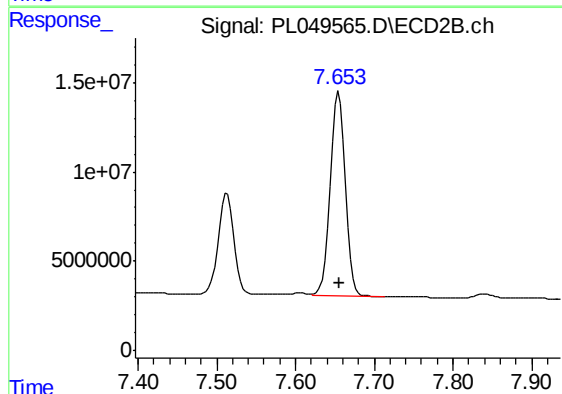
R.T.: 7.513 min  
Delta R.T.: -0.001 min  
Response: 80068508  
Conc: 48.30 ng/ml



#21 Endrin ketone

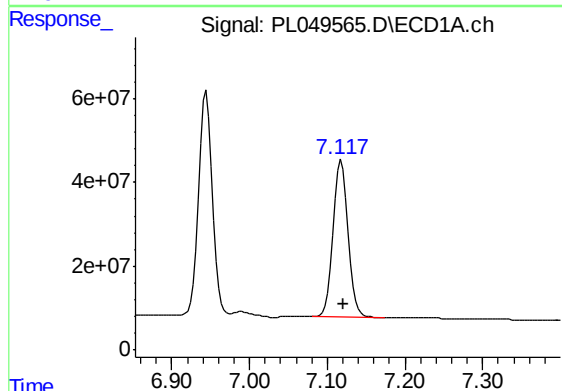
R.T.: 6.944 min  
Delta R.T.: -0.002 min  
Response: 658246188  
Conc: 46.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-061419-AMS



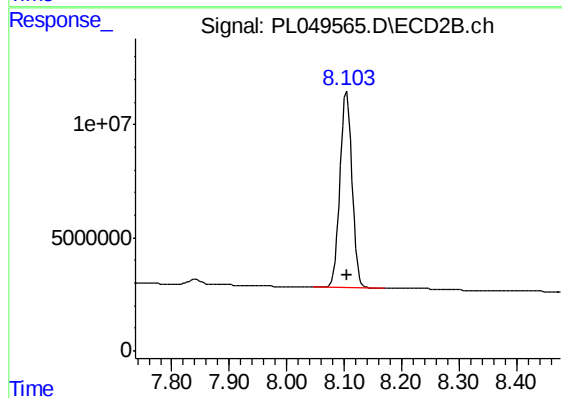
#21 Endrin ketone

R.T.: 7.655 min  
Delta R.T.: -0.002 min  
Response: 155154863  
Conc: 48.78 ng/ml



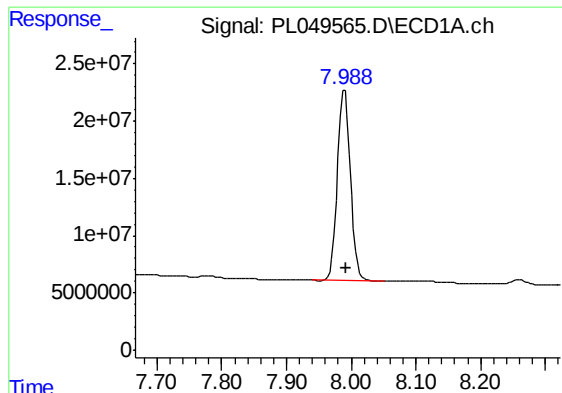
#22 Mirex

R.T.: 7.118 min  
Delta R.T.: -0.002 min  
Response: 507878648  
Conc: 48.20 ng/ml



#22 Mirex

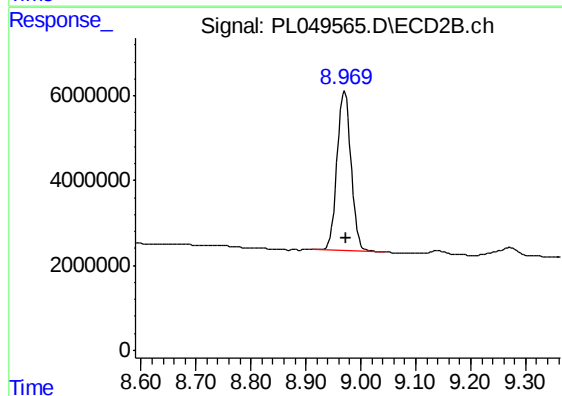
R.T.: 8.104 min  
Delta R.T.: -0.003 min  
Response: 126367100  
Conc: 48.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.990 min  
Delta R.T.: -0.003 min  
Response: 230147115  
Conc: 18.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-061419-AMS



#28 Decachlorobiphenyl

R.T.: 8.971 min  
Delta R.T.: -0.002 min  
Response: 67001333  
Conc: 20.06 ng/ml