

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021119\  
 Data File : PL044615.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Feb 2019 14:45  
 Operator : AJ\SJ  
 Sample : PB116993BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB116993BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 11 21:57:11 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... | 3.366 | 3.983 | 123.9E6 | 41591518 | 17.418 | 17.705 |
| 28)                         | SA Decachlor... | 8.050 | 9.042 | 144.5E6 | 40664038 | 19.807 | 18.360 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.796 | 4.373 | 524.1E6 | 148.6E6  | 49.068 | 48.779 |
| 3)                          | MA gamma-BHC... | 4.074 | 4.658 | 482.9E6 | 138.1E6  | 49.085 | 47.657 |
| 4)                          | MA Heptachlor   | 4.362 | 5.166 | 499.1E6 | 142.3E6  | 48.451 | 46.715 |
| 5)                          | MB Aldrin       | 4.603 | 5.470 | 469.2E6 | 130.4E6  | 48.749 | 47.059 |
| 6)                          | B beta-BHC      | 4.326 | 4.830 | 200.8E6 | 61714575 | 47.510 | 46.577 |
| 7)                          | B delta-BHC     | 4.523 | 5.046 | 403.0E6 | 96091373 | 50.065 | 52.550 |
| 8)                          | B Heptachlor... | 5.040 | 5.856 | 443.6E6 | 119.6E6  | 47.670 | 47.823 |
| 9)                          | A Endosulfan I  | 5.373 | 6.213 | 415.0E6 | 115.3E6  | 47.558 | 45.579 |
| 10)                         | B gamma-Chl...  | 5.264 | 6.090 | 455.6E6 | 127.7E6  | 47.204 | 45.986 |
| 11)                         | B alpha-Chl...  | 5.320 | 6.162 | 447.7E6 | 126.0E6  | 46.824 | 45.458 |
| 12)                         | B 4,4'-DDE      | 5.488 | 6.320 | 412.1E6 | 113.6E6  | 47.514 | 47.568 |
| 13)                         | MA Dieldrin     | 5.613 | 6.469 | 450.3E6 | 122.2E6  | 47.979 | 47.362 |
| 14)                         | MA Endrin       | 5.867 | 6.686 | 394.3E6 | 101.3E6  | 45.005 | 45.086 |
| 15)                         | B Endosulfa...  | 6.140 | 6.897 | 397.0E6 | 107.9E6  | 46.954 | 46.837 |
| 16)                         | A 4,4'-DDD      | 5.999 | 6.810 | 342.3E6 | 93113484 | 47.324 | 48.493 |
| 17)                         | MA 4,4'-DDT     | 6.235 | 7.108 | 340.8E6 | 91238494 | 47.524 | 46.507 |
| 18)                         | B Endrin al...  | 6.308 | 7.020 | 333.2E6 | 92933255 | 47.524 | 45.805 |
| 19)                         | B Endosulfa...  | 6.519 | 7.243 | 352.4E6 | 97092895 | 48.491 | 46.016 |
| 20)                         | A Methoxychlor  | 6.780 | 7.567 | 185.5E6 | 51790592 | 46.214 | 43.350 |
| 21)                         | B Endrin ke...  | 7.002 | 7.712 | 436.6E6 | 109.8E6  | 52.477 | 48.374 |
| -----                       |                 |       |       |         |          |        |        |

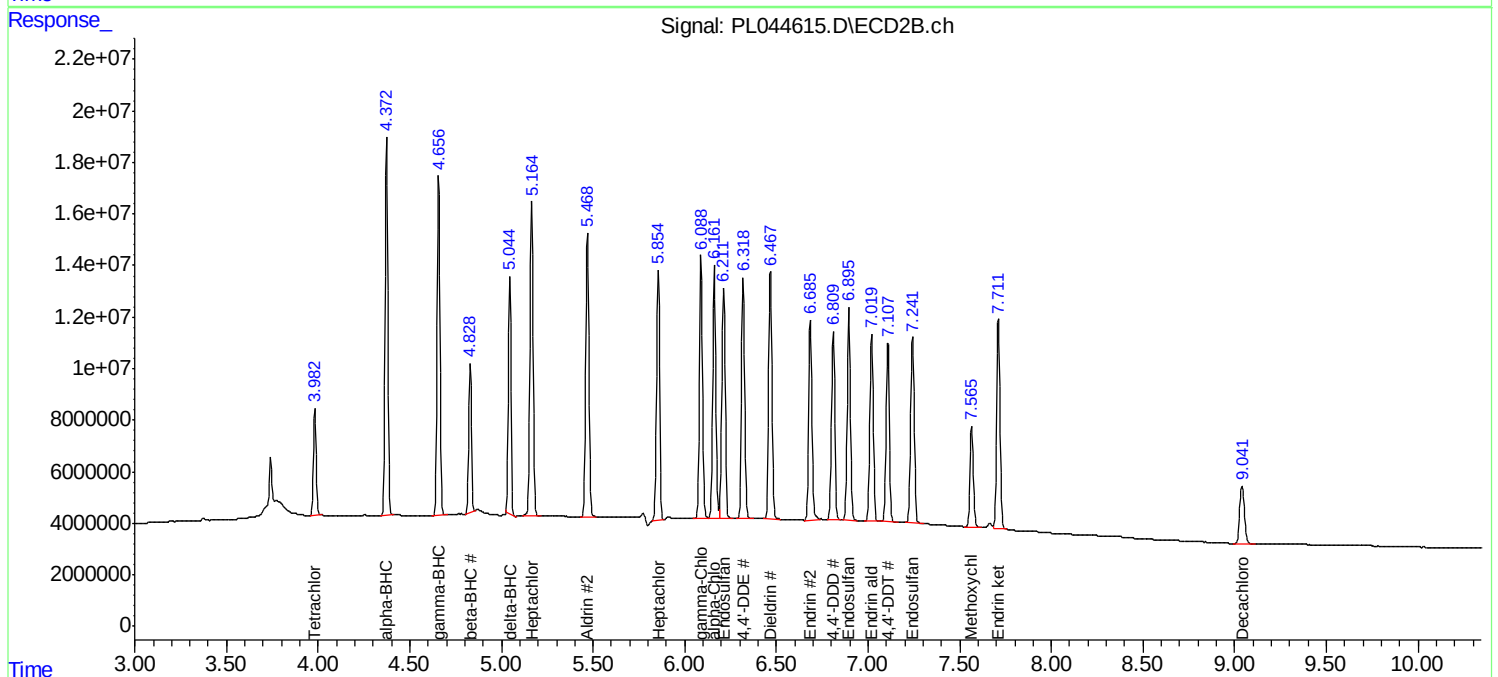
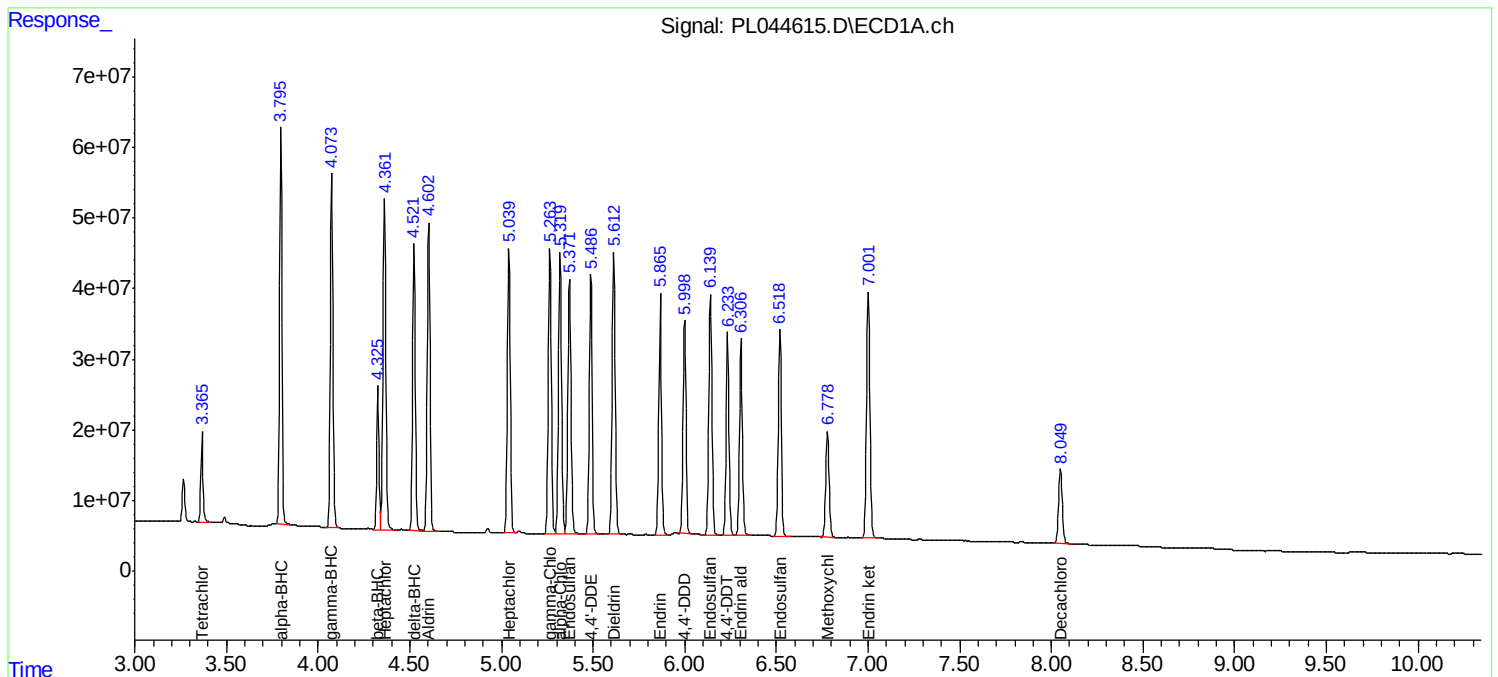
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

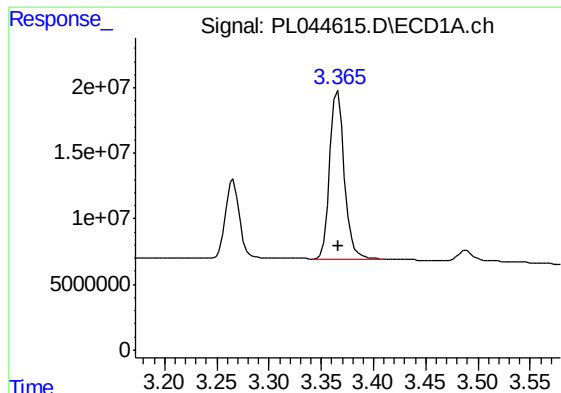
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021119\  
Data File : PL044615.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Feb 2019 14:45  
Operator : AJ\SJ  
Sample : PB116993BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB116993BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 11 21:57:11 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

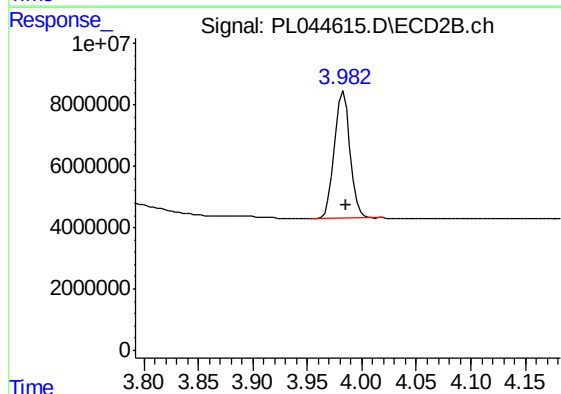




#1 Tetrachloro-m-xylene

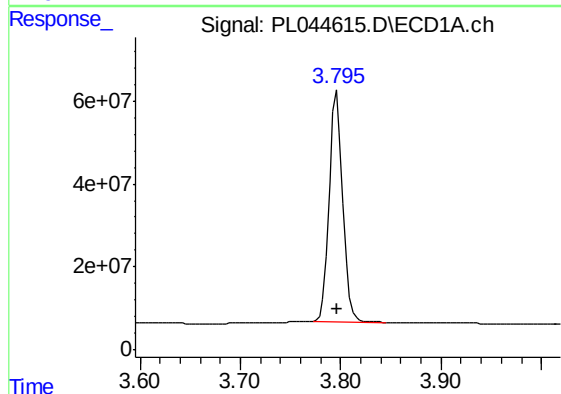
R.T.: 3.366 min  
Delta R.T.: 0.000 min  
Response: 123945552  
Conc: 17.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116993BS



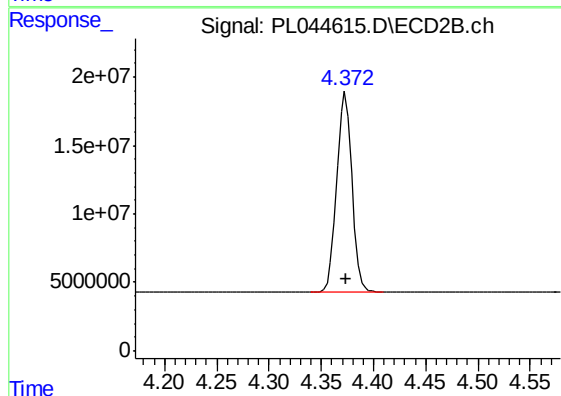
#1 Tetrachloro-m-xylene

R.T.: 3.983 min  
Delta R.T.: -0.002 min  
Response: 41591518  
Conc: 17.70 ng/ml



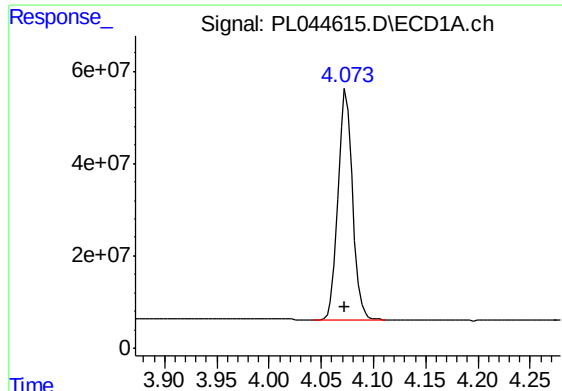
#2 alpha-BHC

R.T.: 3.796 min  
Delta R.T.: 0.000 min  
Response: 524058431  
Conc: 49.07 ng/ml



#2 alpha-BHC

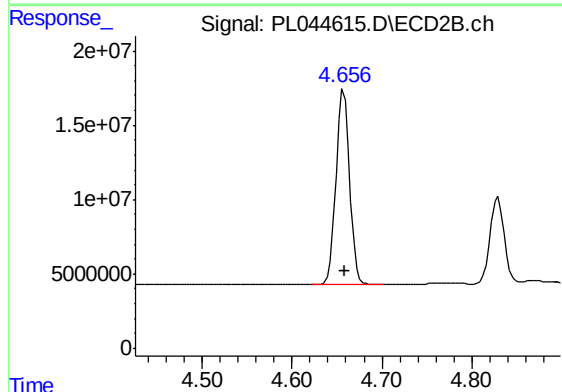
R.T.: 4.373 min  
Delta R.T.: 0.000 min  
Response: 148587131  
Conc: 48.78 ng/ml



#3 gamma-BHC (Lindane)

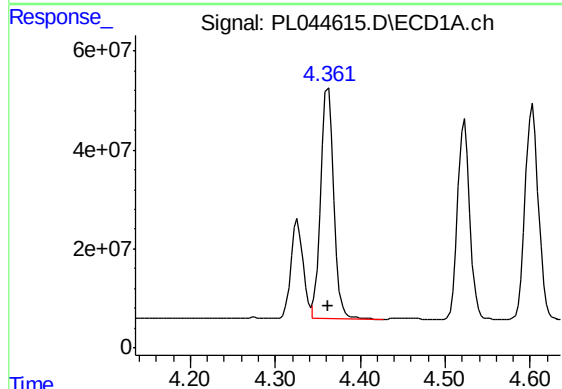
R.T.: 4.074 min  
Delta R.T.: 0.001 min  
Response: 482923473  
Conc: 49.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116993BS



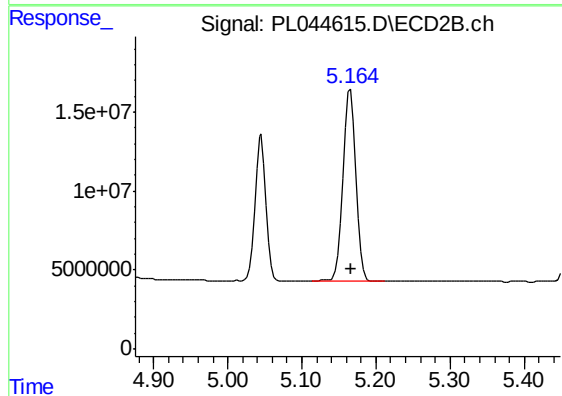
#3 gamma-BHC (Lindane)

R.T.: 4.658 min  
Delta R.T.: -0.001 min  
Response: 138069978  
Conc: 47.66 ng/ml



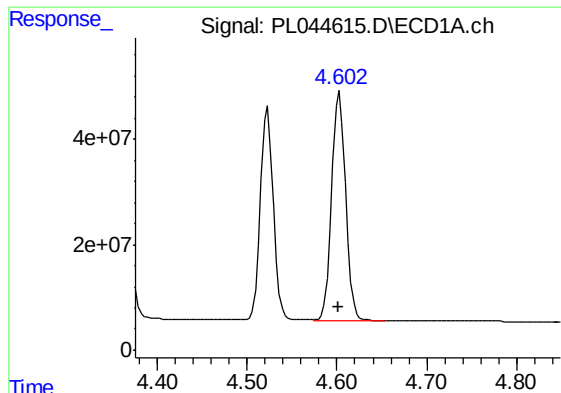
#4 Heptachlor

R.T.: 4.362 min  
Delta R.T.: 0.000 min  
Response: 499118483  
Conc: 48.45 ng/ml



#4 Heptachlor

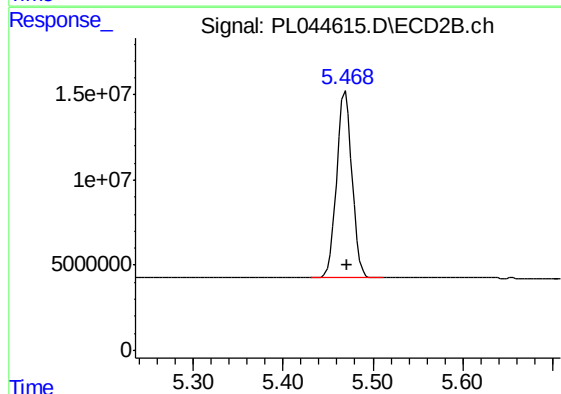
R.T.: 5.166 min  
Delta R.T.: 0.000 min  
Response: 142296114  
Conc: 46.71 ng/ml



#5 Aldrin

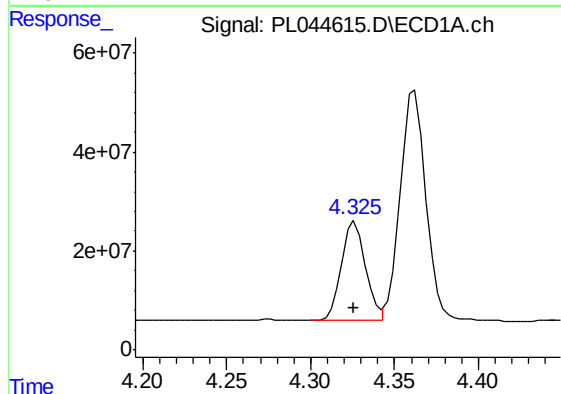
R.T.: 4.603 min  
Delta R.T.: 0.001 min  
Response: 469241316  
Conc: 48.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116993BS



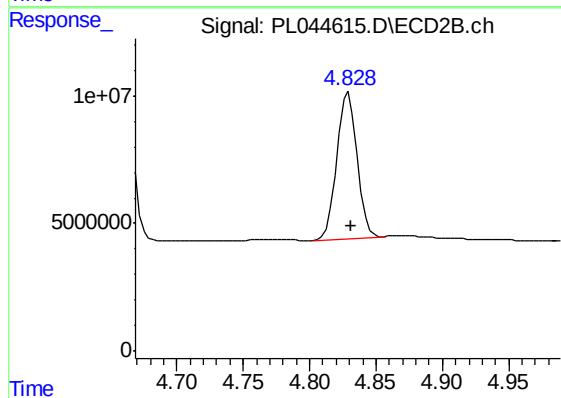
#5 Aldrin

R.T.: 5.470 min  
Delta R.T.: -0.001 min  
Response: 130403402  
Conc: 47.06 ng/ml



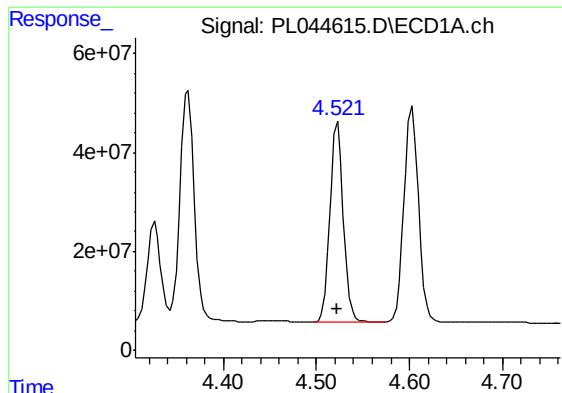
#6 beta-BHC

R.T.: 4.326 min  
Delta R.T.: 0.000 min  
Response: 200756211  
Conc: 47.51 ng/ml



#6 beta-BHC

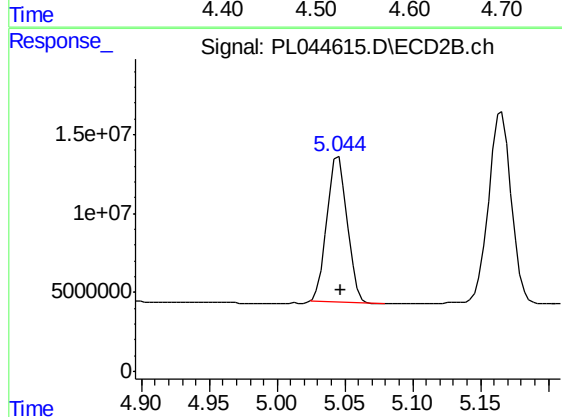
R.T.: 4.830 min  
Delta R.T.: -0.001 min  
Response: 61714575  
Conc: 46.58 ng/ml



#7 delta-BHC

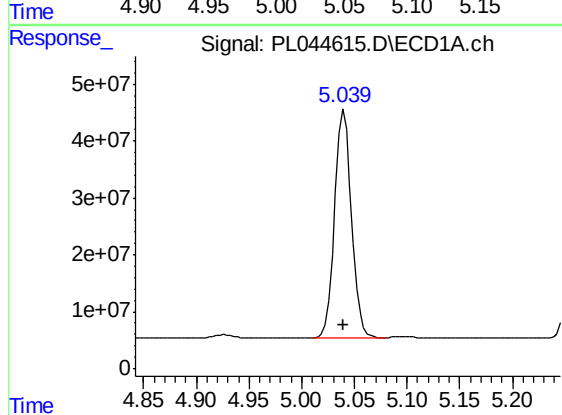
R.T.: 4.523 min  
Delta R.T.: 0.000 min  
Response: 403023276  
Conc: 50.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116993BS



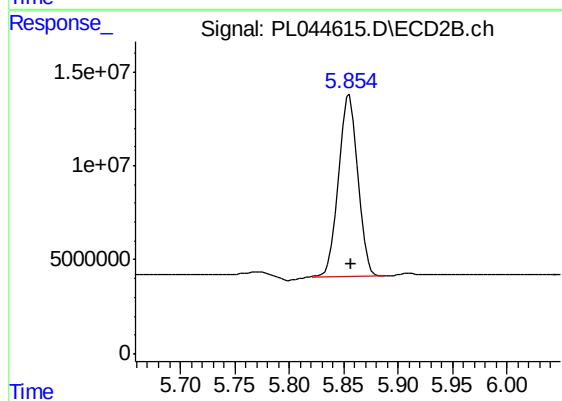
#7 delta-BHC

R.T.: 5.046 min  
Delta R.T.: -0.001 min  
Response: 96091373  
Conc: 52.55 ng/ml



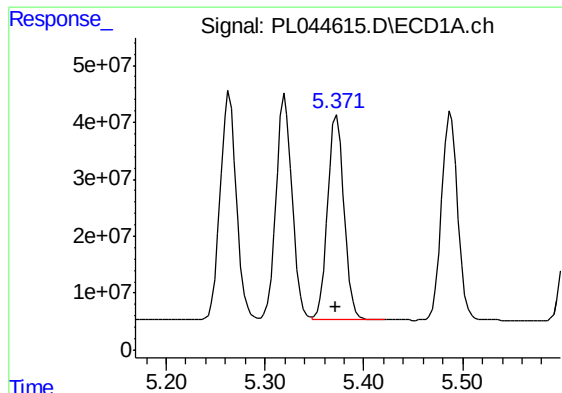
#8 Heptachlor epoxide

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 443567599  
Conc: 47.67 ng/ml



#8 Heptachlor epoxide

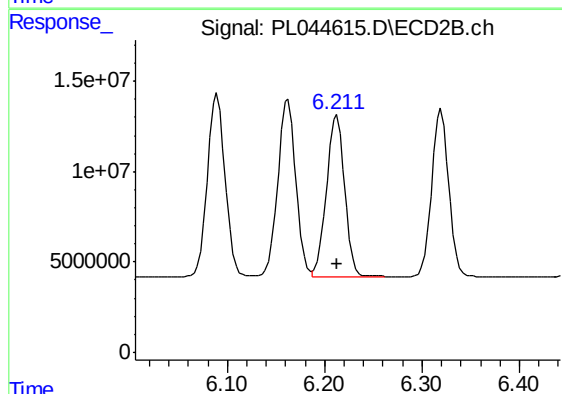
R.T.: 5.856 min  
Delta R.T.: -0.001 min  
Response: 119583927  
Conc: 47.82 ng/ml



#9 Endosulfan I

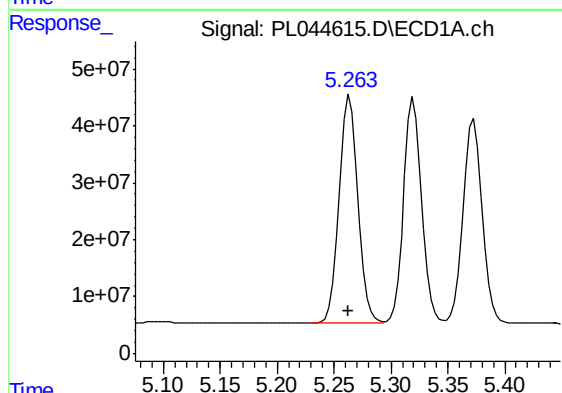
R.T.: 5.373 min  
Delta R.T.: 0.000 min  
Response: 415038202  
Conc: 47.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116993BS



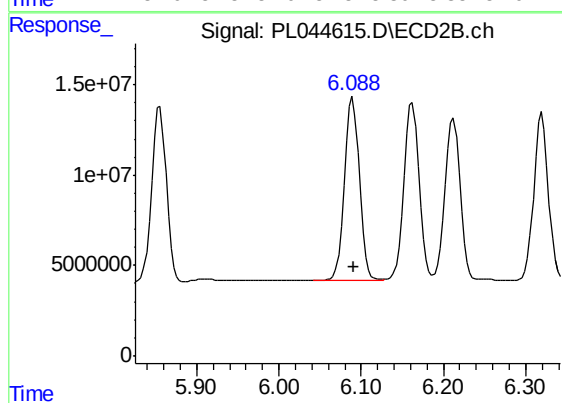
#9 Endosulfan I

R.T.: 6.213 min  
Delta R.T.: 0.000 min  
Response: 115307067  
Conc: 45.58 ng/ml



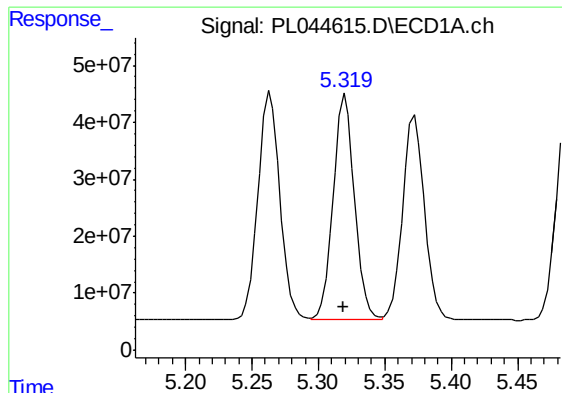
#10 gamma-Chlordane

R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 455567448  
Conc: 47.20 ng/ml



#10 gamma-Chlordane

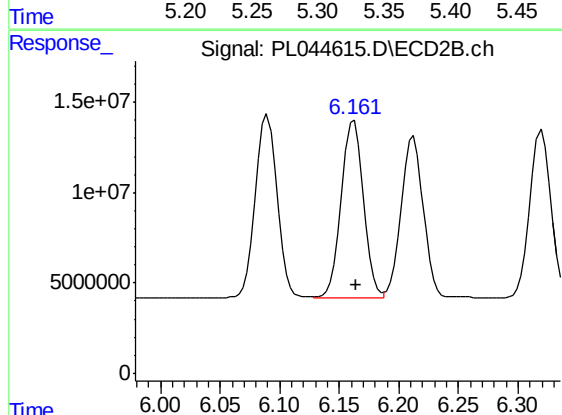
R.T.: 6.090 min  
Delta R.T.: -0.001 min  
Response: 127662112  
Conc: 45.99 ng/ml



#11 alpha-Chlordane

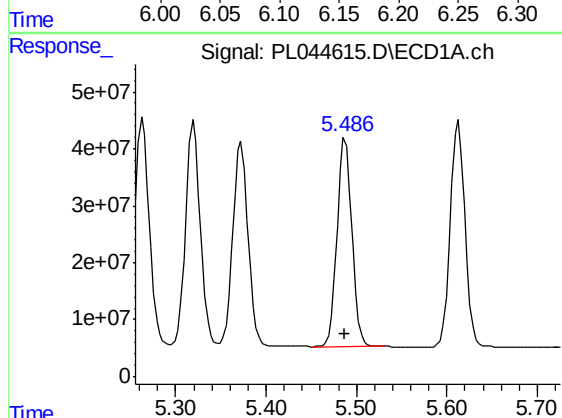
R.T.: 5.320 min  
Delta R.T.: 0.001 min  
Response: 447697317  
Conc: 46.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116993BS



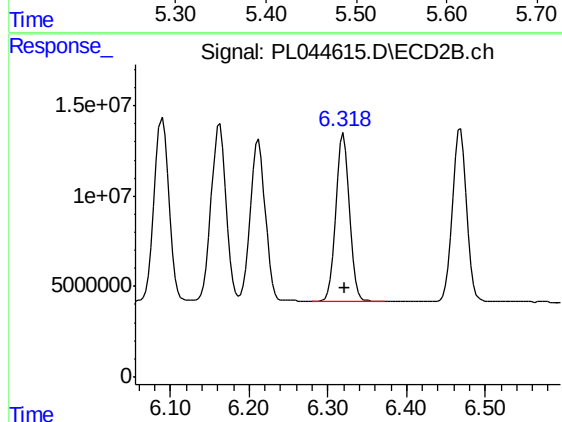
#11 alpha-Chlordane

R.T.: 6.162 min  
Delta R.T.: -0.002 min  
Response: 125955715  
Conc: 45.46 ng/ml



#12 4,4'-DDE

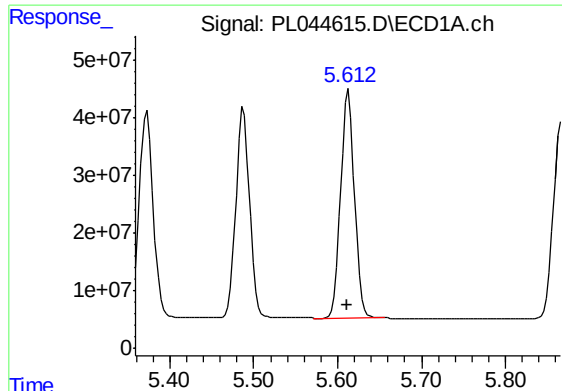
R.T.: 5.488 min  
Delta R.T.: 0.000 min  
Response: 412051862  
Conc: 47.51 ng/ml



#12 4,4'-DDE

R.T.: 6.320 min  
Delta R.T.: -0.001 min  
Response: 113576363  
Conc: 47.57 ng/ml

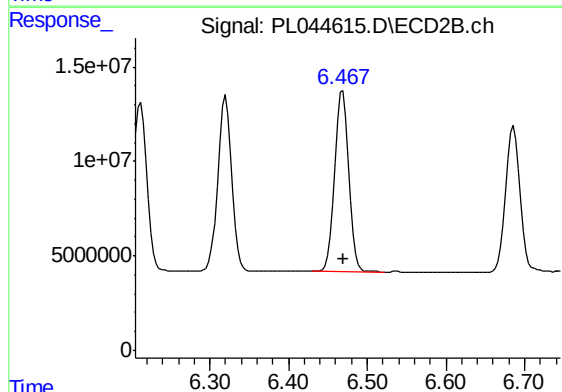




#13 Dielldrin

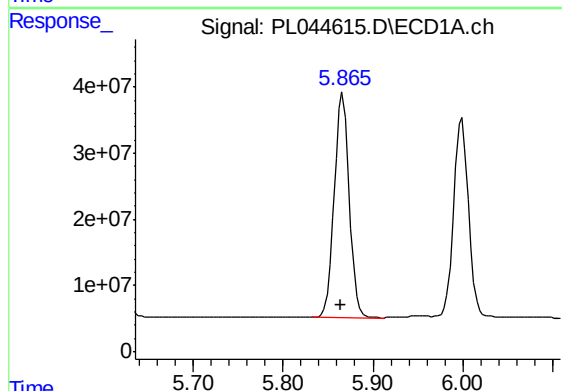
R.T.: 5.613 min  
Delta R.T.: 0.000 min  
Response: 450320174  
Conc: 47.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116993BS



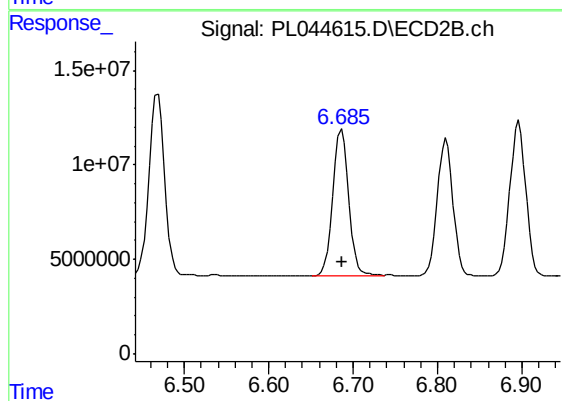
#13 Dielldrin

R.T.: 6.469 min  
Delta R.T.: -0.001 min  
Response: 122188557  
Conc: 47.36 ng/ml



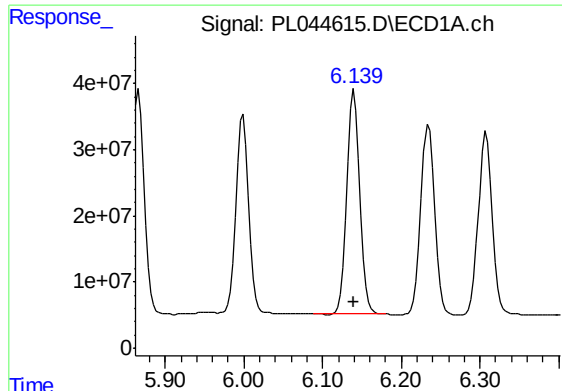
#14 Endrin

R.T.: 5.867 min  
Delta R.T.: 0.002 min  
Response: 394251759  
Conc: 45.00 ng/ml



#14 Endrin

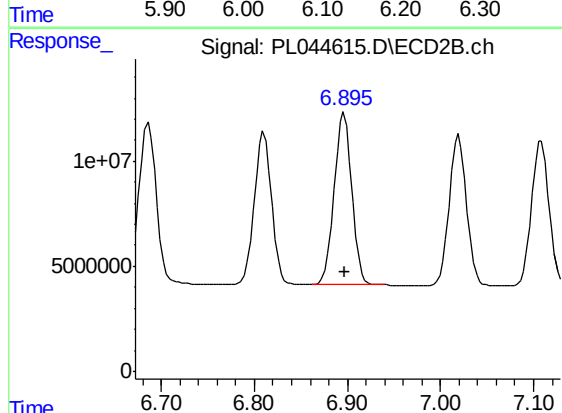
R.T.: 6.686 min  
Delta R.T.: 0.000 min  
Response: 101304294  
Conc: 45.09 ng/ml



#15 Endosulfan II

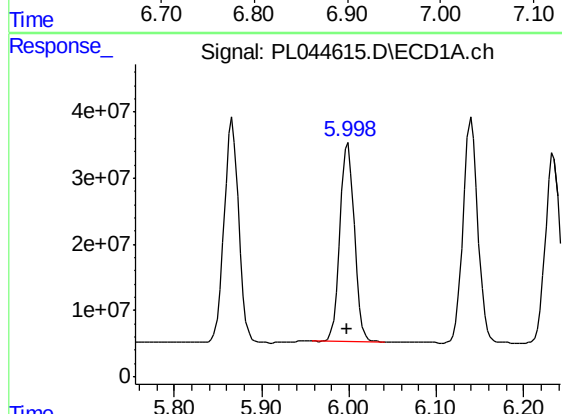
R.T.: 6.140 min  
Delta R.T.: 0.001 min  
Response: 397028395  
Conc: 46.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116993BS



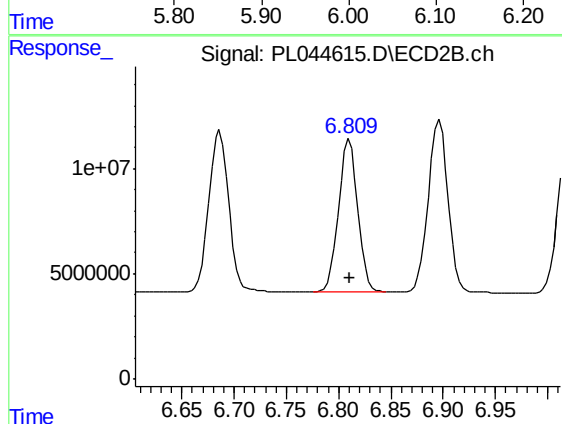
#15 Endosulfan II

R.T.: 6.897 min  
Delta R.T.: 0.000 min  
Response: 107876134  
Conc: 46.84 ng/ml



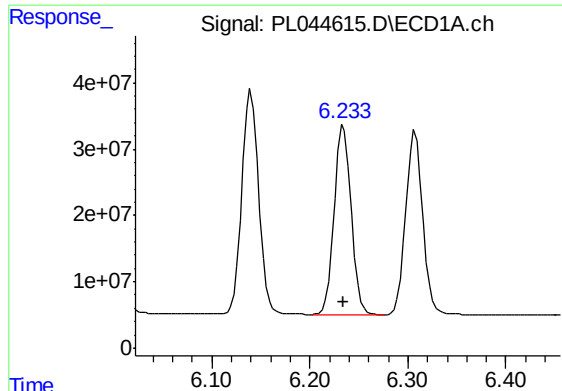
#16 4,4'-DDD

R.T.: 5.999 min  
Delta R.T.: 0.001 min  
Response: 342348538  
Conc: 47.32 ng/ml



#16 4,4'-DDD

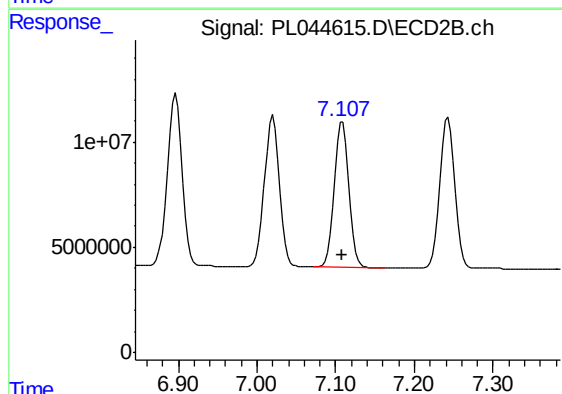
R.T.: 6.810 min  
Delta R.T.: 0.000 min  
Response: 93113484  
Conc: 48.49 ng/ml



#17 4,4'-DDT

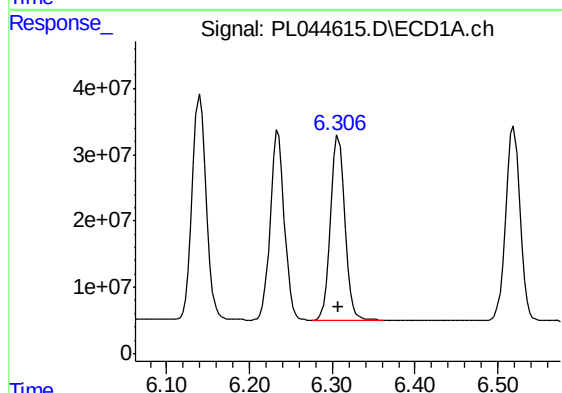
R.T.: 6.235 min  
Delta R.T.: 0.000 min  
Response: 340807349  
Conc: 47.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116993BS



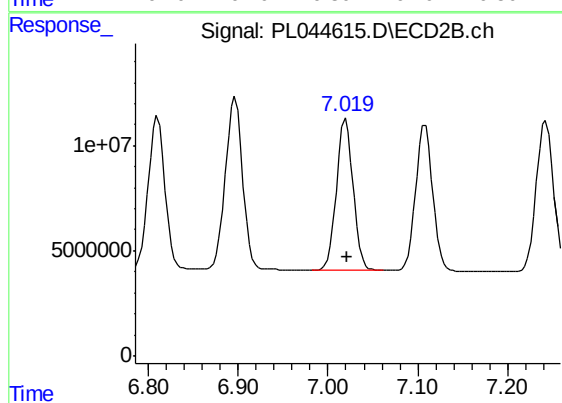
#17 4,4'-DDT

R.T.: 7.108 min  
Delta R.T.: 0.000 min  
Response: 91238494  
Conc: 46.51 ng/ml



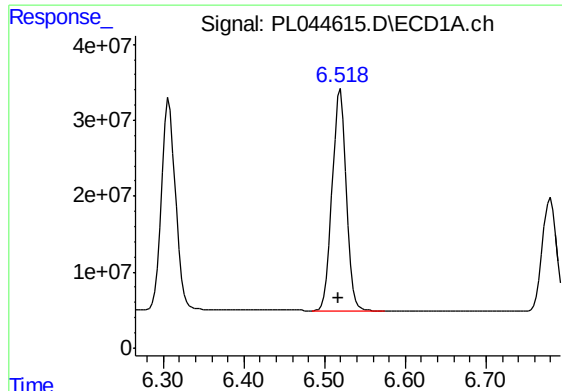
#18 Endrin aldehyde

R.T.: 6.308 min  
Delta R.T.: 0.000 min  
Response: 333166587  
Conc: 47.52 ng/ml



#18 Endrin aldehyde

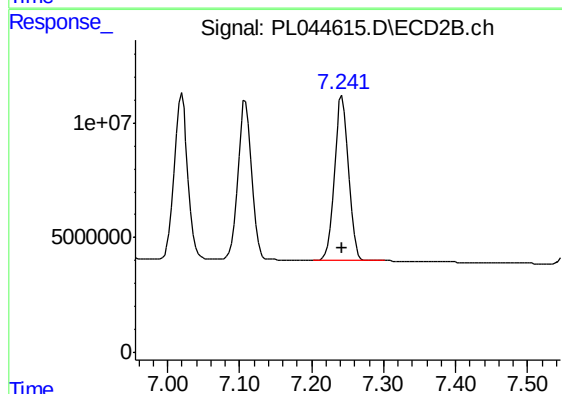
R.T.: 7.020 min  
Delta R.T.: -0.001 min  
Response: 92933255  
Conc: 45.80 ng/ml



#19 Endosulfan Sulfate

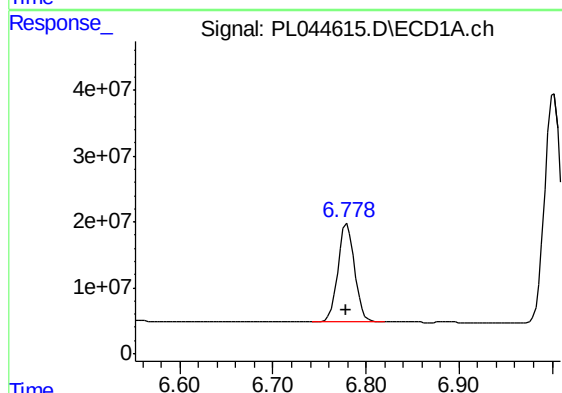
R.T.: 6.519 min  
Delta R.T.: 0.002 min  
Response: 352423436  
Conc: 48.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116993BS



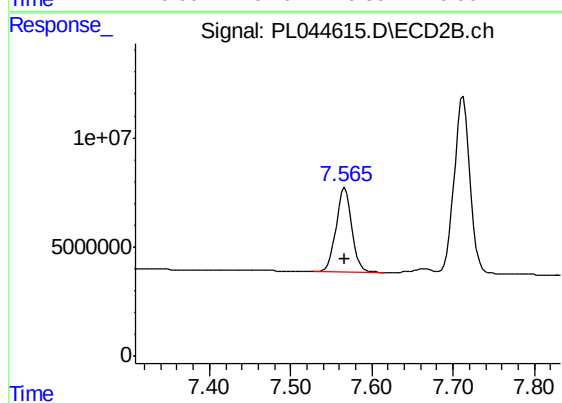
#19 Endosulfan Sulfate

R.T.: 7.243 min  
Delta R.T.: 0.000 min  
Response: 97092895  
Conc: 46.02 ng/ml



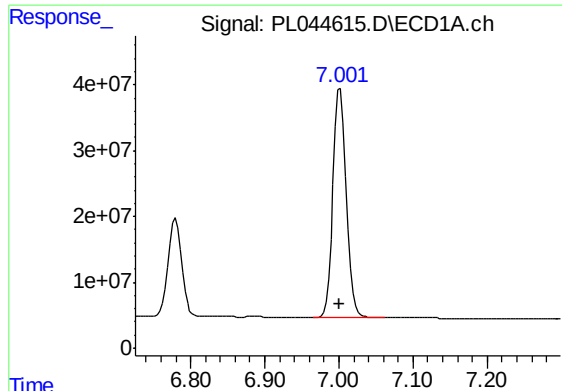
#20 Methoxychlor

R.T.: 6.780 min  
Delta R.T.: 0.000 min  
Response: 185458214  
Conc: 46.21 ng/ml



#20 Methoxychlor

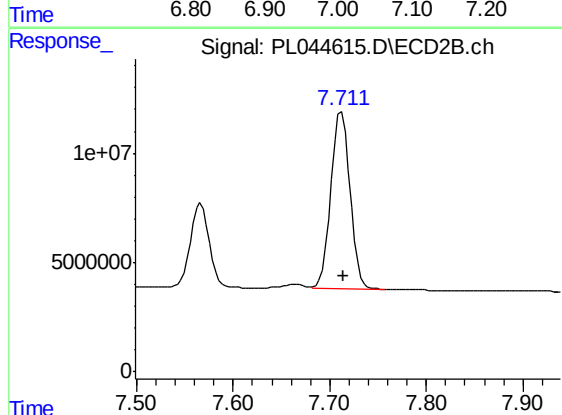
R.T.: 7.567 min  
Delta R.T.: 0.000 min  
Response: 51790592  
Conc: 43.35 ng/ml



#21 Endrin ketone

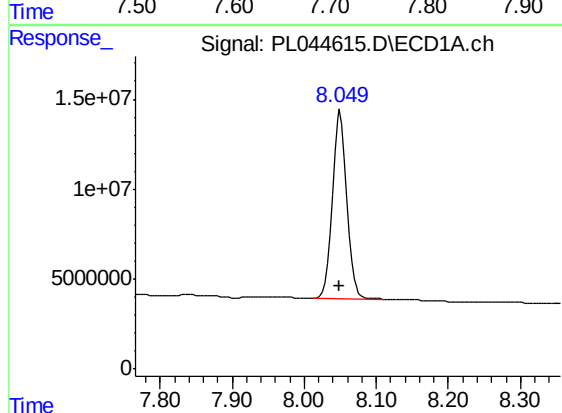
R.T.: 7.002 min  
Delta R.T.: 0.001 min  
Response: 436617535  
Conc: 52.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116993BS



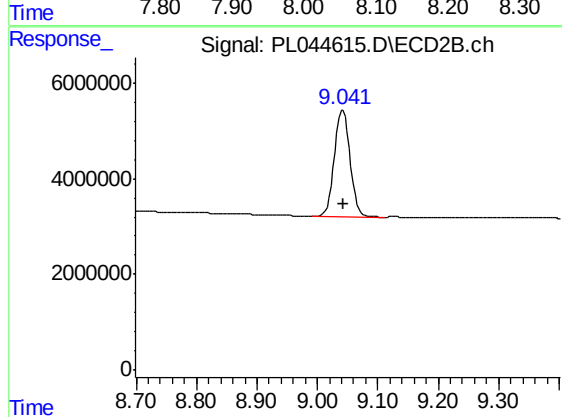
#21 Endrin ketone

R.T.: 7.712 min  
Delta R.T.: -0.002 min  
Response: 109787559  
Conc: 48.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.050 min  
Delta R.T.: 0.001 min  
Response: 144465656  
Conc: 19.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.042 min  
Delta R.T.: 0.000 min  
Response: 40664038  
Conc: 18.36 ng/ml