

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021319\  
 Data File : PL044789.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2019 02:44  
 Operator : AJ\SJ  
 Sample : K1343-32MSD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 JC-02-021119-PMMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 14 03:23:46 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 | 3.985 | 140.9E6 | 48008734 | 19.802 | 20.436 |
| 28)                         | SA Decachlor... | 8.051 | 9.045 | 152.3E6 | 45429508 | 20.885 | 20.511 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.796 | 4.375 | 525.0E6 | 150.7E6  | 49.160 | 49.480 |
| 3)                          | MA gamma-BHC... | 4.074 | 4.660 | 484.9E6 | 140.1E6  | 49.287 | 48.360 |
| 4)                          | MA Heptachlor   | 4.362 | 5.167 | 477.5E6 | 138.1E6  | 46.351 | 45.333 |
| 5)                          | MB Aldrin       | 4.602 | 5.472 | 441.2E6 | 123.8E6  | 45.835 | 44.687 |
| 6)                          | B beta-BHC      | 4.326 | 4.831 | 204.7E6 | 63926951 | 48.442 | 48.247 |
| 7)                          | B delta-BHC     | 4.522 | 5.047 | 410.9E6 | 98851757 | 51.042 | 54.060 |
| 8)                          | B Heptachlor... | 5.040 | 5.858 | 440.1E6 | 119.6E6  | 47.296 | 47.815 |
| 9)                          | A Endosulfan I  | 5.372 | 6.215 | 417.0E6 | 118.5E6  | 47.780 | 46.848 |
| 10)                         | B gamma-Chl...  | 5.263 | 6.092 | 452.5E6 | 128.2E6  | 46.882 | 46.185 |
| 11)                         | B alpha-Chl...  | 5.320 | 6.165 | 445.6E6 | 127.1E6  | 46.603 | 45.856 |
| 12)                         | B 4,4'-DDE      | 5.487 | 6.322 | 414.7E6 | 113.8E6  | 47.824 | 47.662 |
| 13)                         | MA Dieldrin     | 5.613 | 6.472 | 455.3E6 | 124.3E6  | 48.514 | 48.198 |
| 14)                         | MA Endrin       | 5.866 | 6.689 | 422.1E6 | 107.2E6  | 48.182 | 47.714 |
| 15)                         | B Endosulfa...  | 6.140 | 6.899 | 403.7E6 | 112.1E6  | 47.749 | 48.681 |
| 16)                         | A 4,4'-DDD      | 5.999 | 6.813 | 367.2E6 | 98794730 | 50.754 | 51.451 |
| 17)                         | MA 4,4'-DDT     | 6.234 | 7.111 | 325.3E6 | 88848131 | 45.358 | 45.289 |
| 18)                         | B Endrin al...  | 6.307 | 7.023 | 334.7E6 | 94284021 | 47.744 | 46.470 |
| 19)                         | B Endosulfa...  | 6.518 | 7.245 | 357.8E6 | 99634831 | 49.224 | 47.221 |
| 20)                         | A Methoxychlor  | 6.779 | 7.569 | 184.1E6 | 52634055 | 45.868 | 44.056 |
| 21)                         | B Endrin ke...  | 7.003 | 7.715 | 428.3E6 | 111.8E6  | 51.473 | 49.275 |
| -----                       |                 |       |       |         |          |        |        |

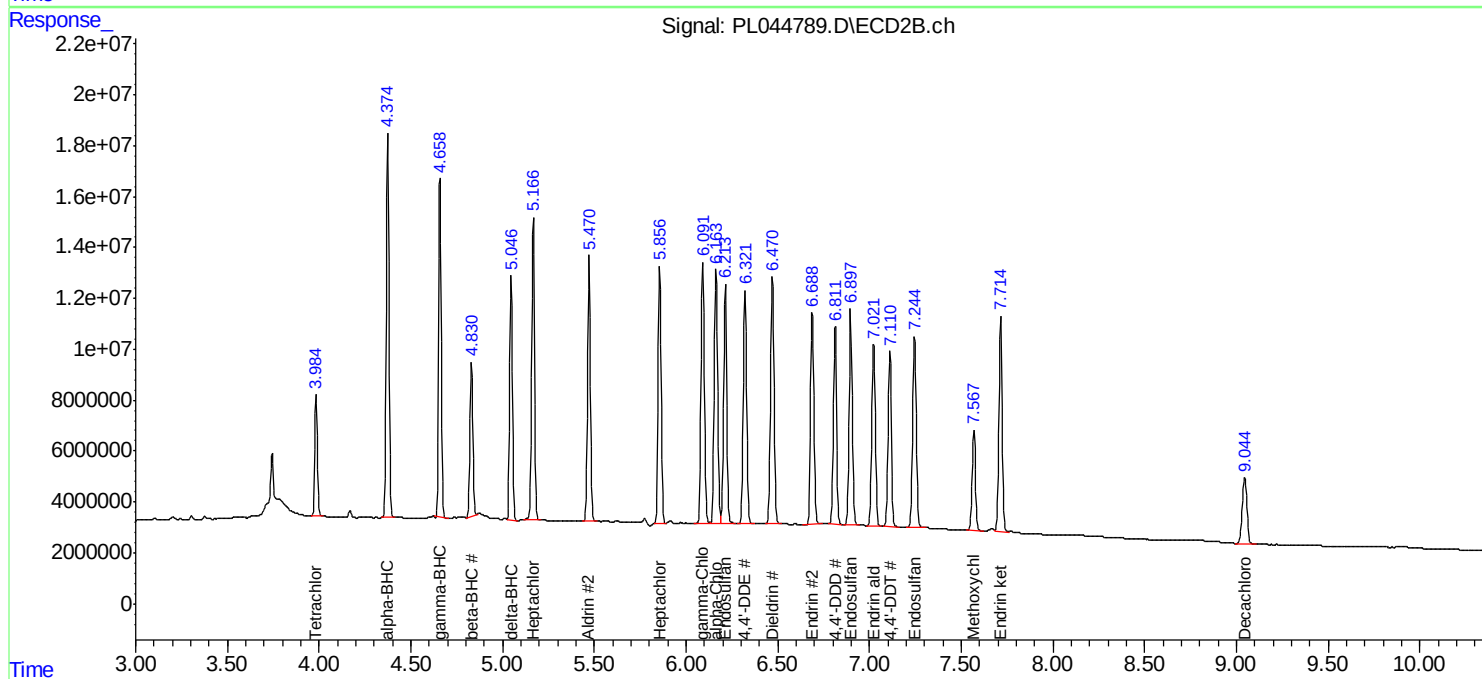
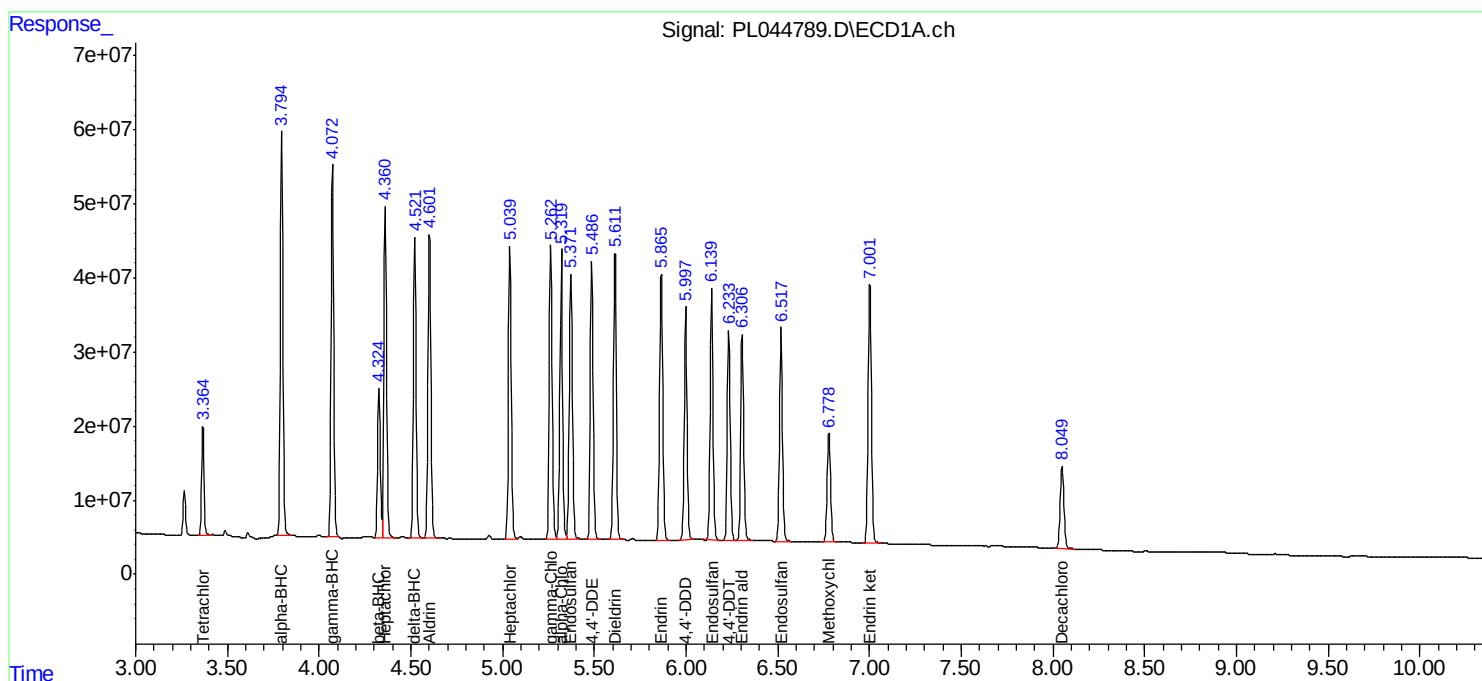
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

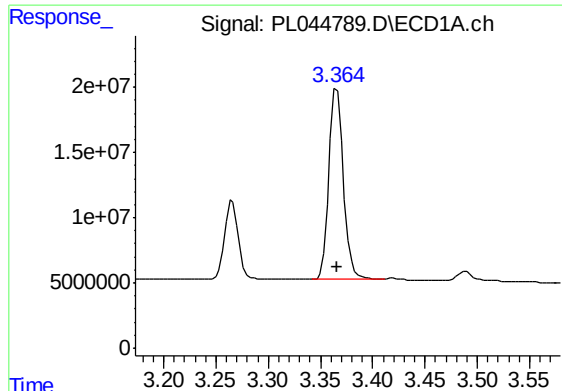
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021319\  
Data File : PL044789.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Feb 2019 02:44  
Operator : AJ\SJ  
Sample : K1343-32MSD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-021119-PMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 14 03:23:46 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  
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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

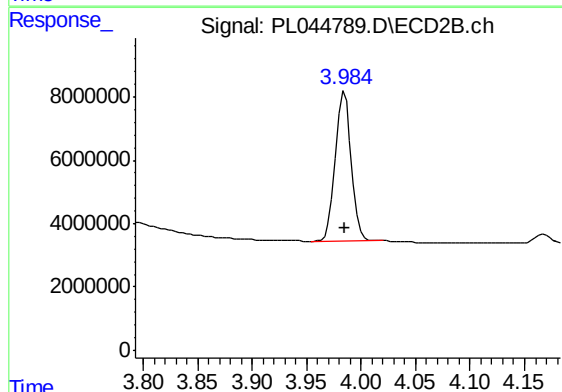




#1 Tetrachloro-m-xylene

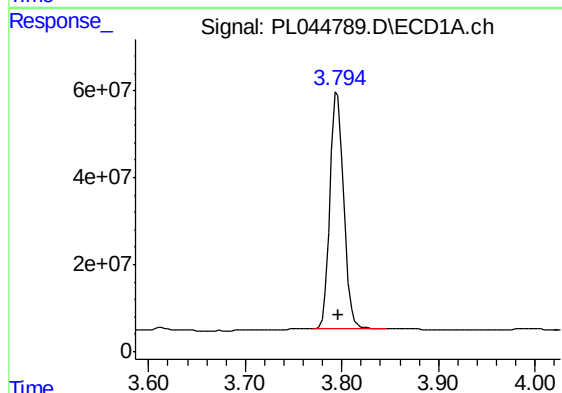
R.T.: 3.366 min  
Delta R.T.: 0.000 min  
Response: 140904749  
Conc: 19.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-021119-PMSD



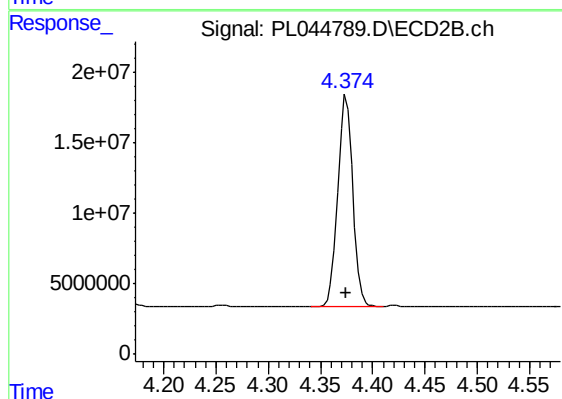
#1 Tetrachloro-m-xylene

R.T.: 3.985 min  
Delta R.T.: 0.000 min  
Response: 48008734  
Conc: 20.44 ng/ml



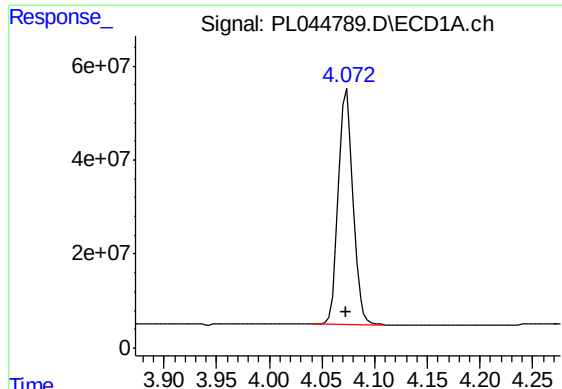
#2 alpha-BHC

R.T.: 3.796 min  
Delta R.T.: 0.000 min  
Response: 525042761  
Conc: 49.16 ng/ml



#2 alpha-BHC

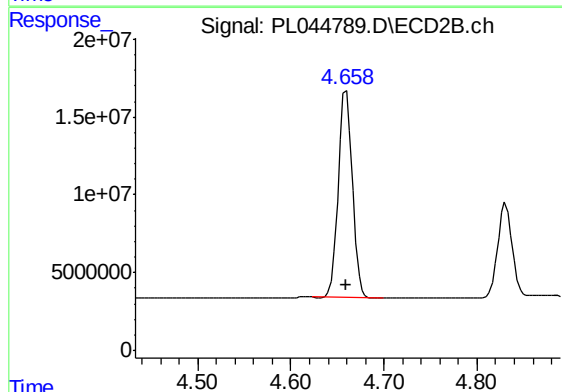
R.T.: 4.375 min  
Delta R.T.: 0.001 min  
Response: 150721273  
Conc: 49.48 ng/ml



#3 gamma-BHC (Lindane)

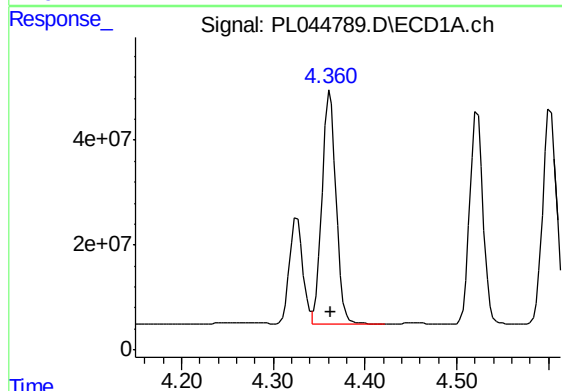
R.T.: 4.074 min  
Delta R.T.: 0.000 min  
Response: 484916432  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-021119-PMSD



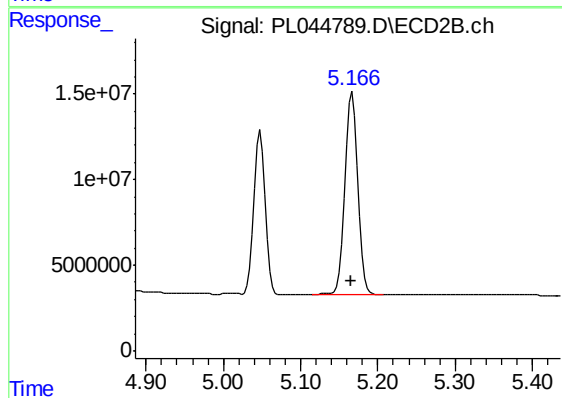
#3 gamma-BHC (Lindane)

R.T.: 4.660 min  
Delta R.T.: 0.000 min  
Response: 140107748  
Conc: 48.36 ng/ml



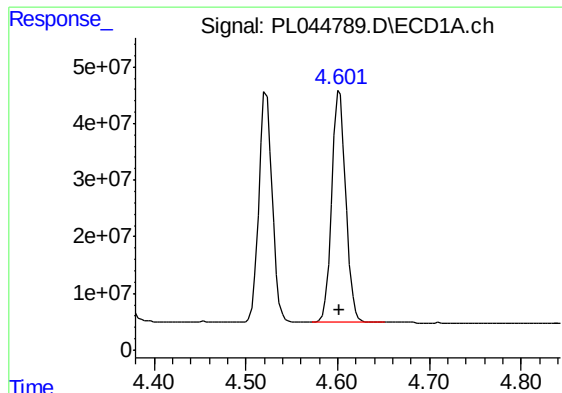
#4 Heptachlor

R.T.: 4.362 min  
Delta R.T.: 0.000 min  
Response: 477491790  
Conc: 46.35 ng/ml



#4 Heptachlor

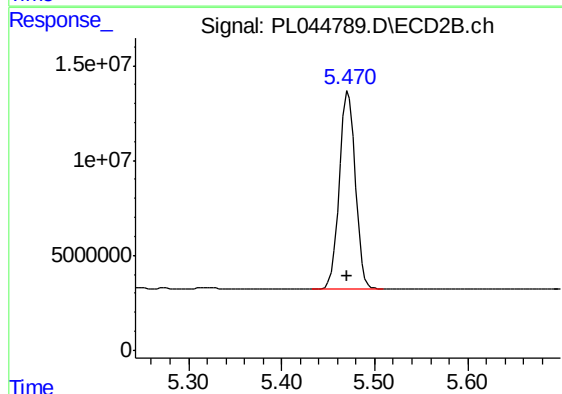
R.T.: 5.167 min  
Delta R.T.: 0.001 min  
Response: 138087766  
Conc: 45.33 ng/ml



#5 Aldrin

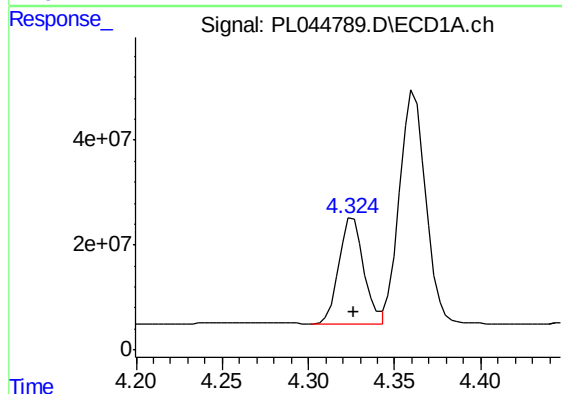
R.T.: 4.602 min  
Delta R.T.: 0.000 min  
Response: 441196999  
Conc: 45.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-021119-PMSD



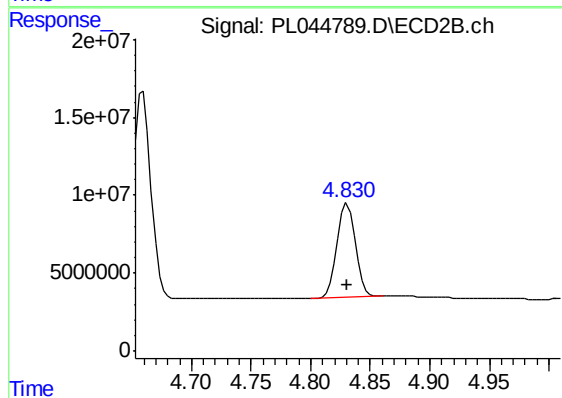
#5 Aldrin

R.T.: 5.472 min  
Delta R.T.: 0.000 min  
Response: 123830455  
Conc: 44.69 ng/ml



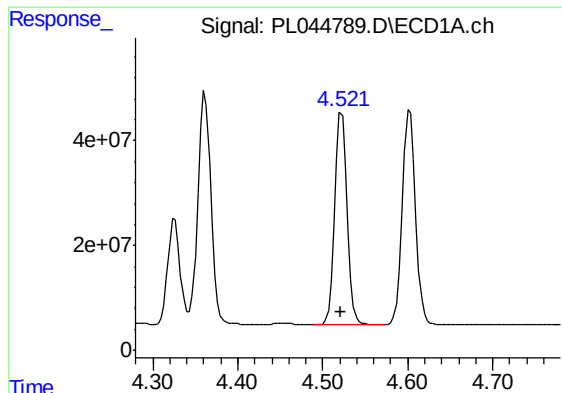
#6 beta-BHC

R.T.: 4.326 min  
Delta R.T.: 0.000 min  
Response: 204695080  
Conc: 48.44 ng/ml



#6 beta-BHC

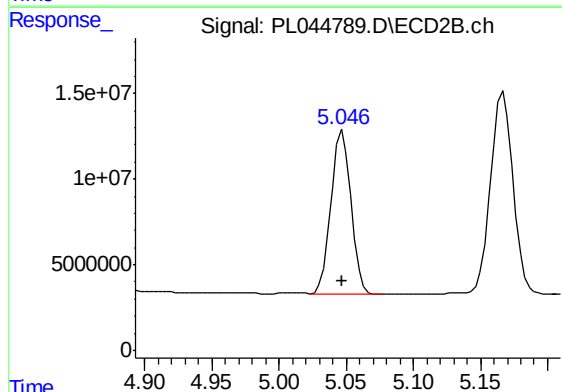
R.T.: 4.831 min  
Delta R.T.: 0.000 min  
Response: 63926951  
Conc: 48.25 ng/ml



#7 delta-BHC

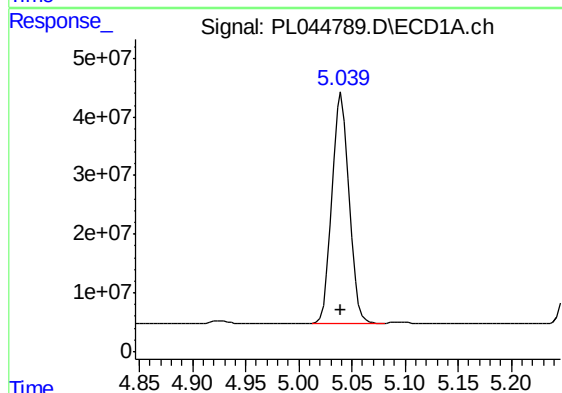
R.T.: 4.522 min  
Delta R.T.: 0.000 min  
Response: 410888799  
Conc: 51.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-021119-PMSD



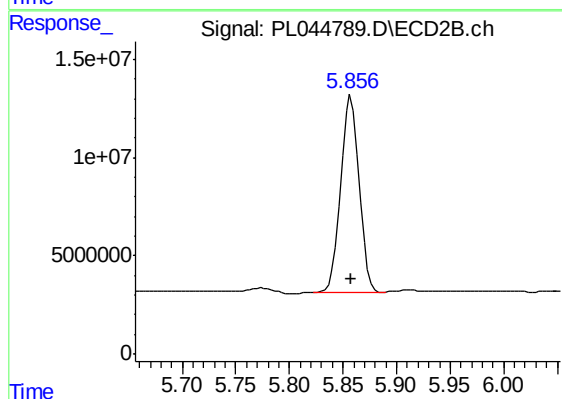
#7 delta-BHC

R.T.: 5.047 min  
Delta R.T.: 0.000 min  
Response: 98851757  
Conc: 54.06 ng/ml



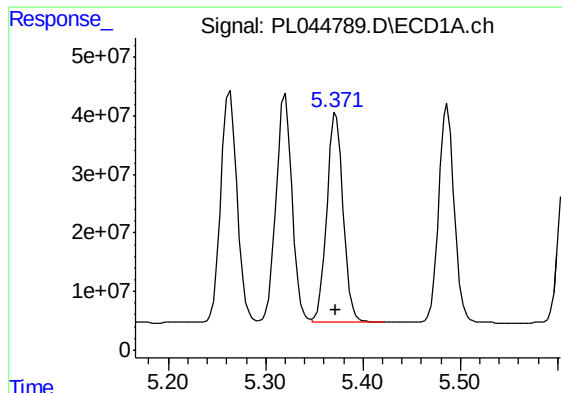
#8 Heptachlor epoxide

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 440087568  
Conc: 47.30 ng/ml



#8 Heptachlor epoxide

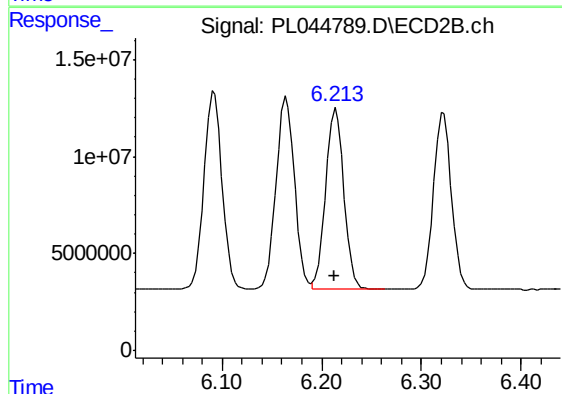
R.T.: 5.858 min  
Delta R.T.: 0.000 min  
Response: 119565074  
Conc: 47.82 ng/ml



#9 Endosulfan I

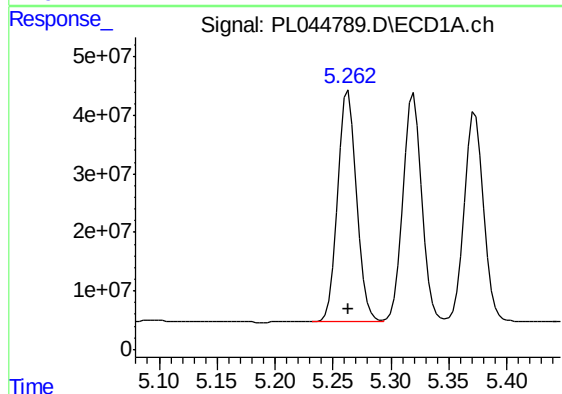
R.T.: 5.372 min  
Delta R.T.: 0.000 min  
Response: 416970750  
Conc: 47.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-021119-PMSD



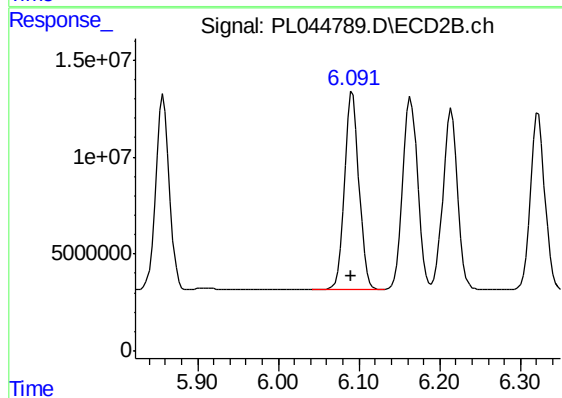
#9 Endosulfan I

R.T.: 6.215 min  
Delta R.T.: 0.002 min  
Response: 118519049  
Conc: 46.85 ng/ml



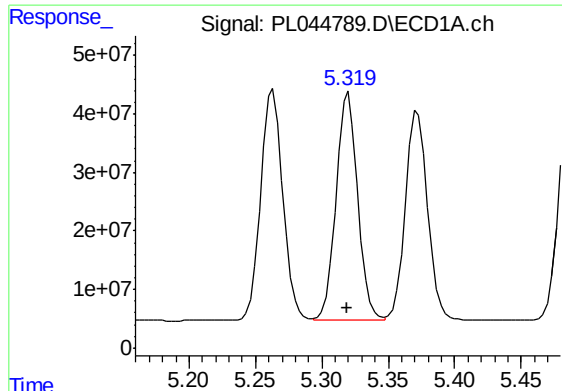
#10 gamma-Chlordane

R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 452458184  
Conc: 46.88 ng/ml



#10 gamma-Chlordane

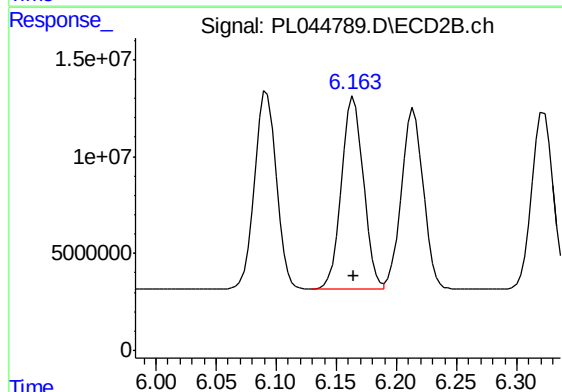
R.T.: 6.092 min  
Delta R.T.: 0.001 min  
Response: 128214676  
Conc: 46.19 ng/ml



#11 alpha-Chlordane

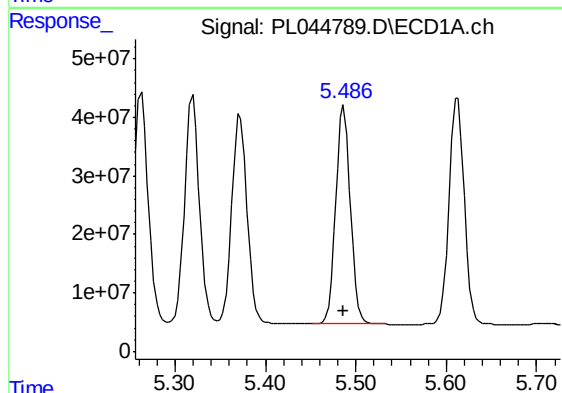
R.T.: 5.320 min  
Delta R.T.: 0.001 min  
Response: 445583892  
Conc: 46.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-021119-PMSD



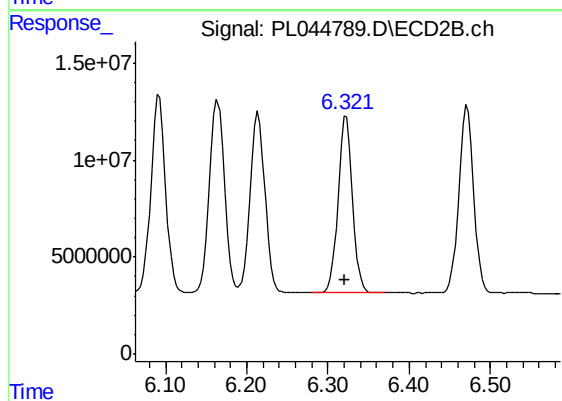
#11 alpha-Chlordane

R.T.: 6.165 min  
Delta R.T.: 0.000 min  
Response: 127057704  
Conc: 45.86 ng/ml



#12 4,4'-DDE

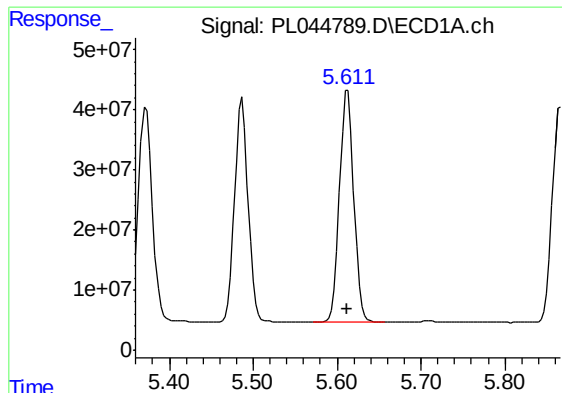
R.T.: 5.487 min  
Delta R.T.: 0.000 min  
Response: 414740612  
Conc: 47.82 ng/ml



#12 4,4'-DDE

R.T.: 6.322 min  
Delta R.T.: 0.001 min  
Response: 113801235  
Conc: 47.66 ng/ml

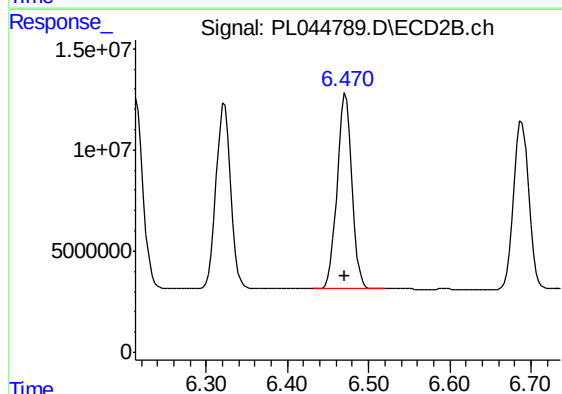




#13 Dielddrin

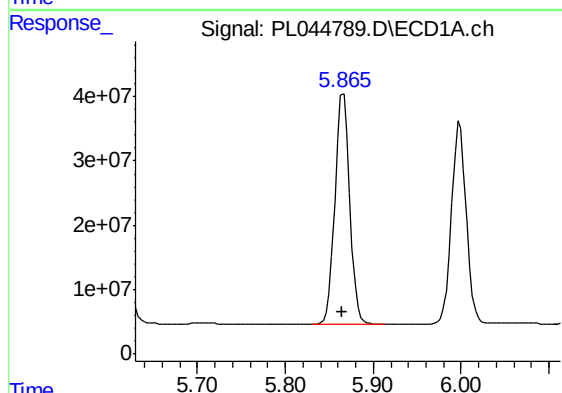
R.T.: 5.613 min  
Delta R.T.: 0.000 min  
Response: 455335107  
Conc: 48.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-021119-PMSD



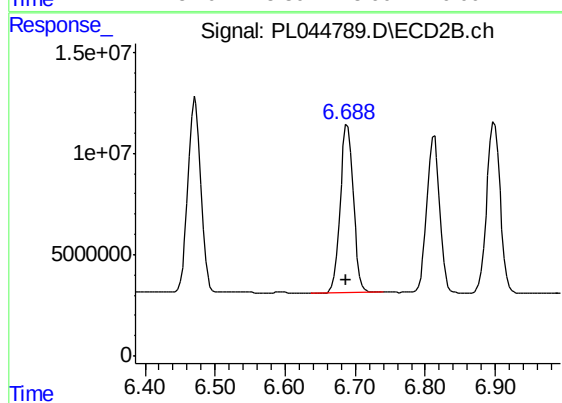
#13 Dielddrin

R.T.: 6.472 min  
Delta R.T.: 0.002 min  
Response: 124345865  
Conc: 48.20 ng/ml



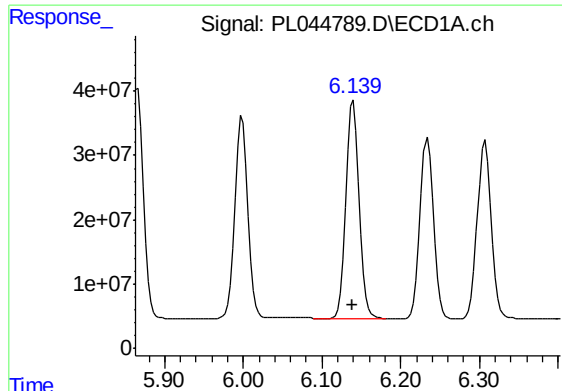
#14 Endrin

R.T.: 5.866 min  
Delta R.T.: 0.001 min  
Response: 422087834  
Conc: 48.18 ng/ml



#14 Endrin

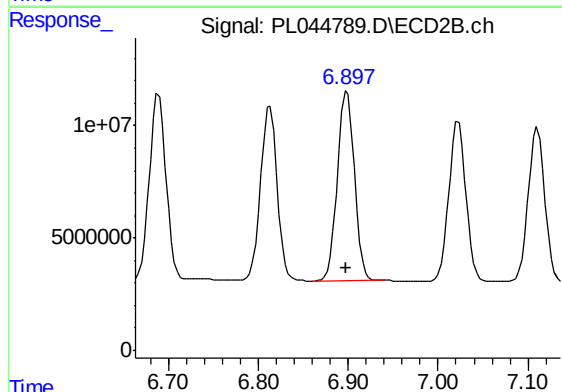
R.T.: 6.689 min  
Delta R.T.: 0.002 min  
Response: 107209036  
Conc: 47.71 ng/ml



#15 Endosulfan II

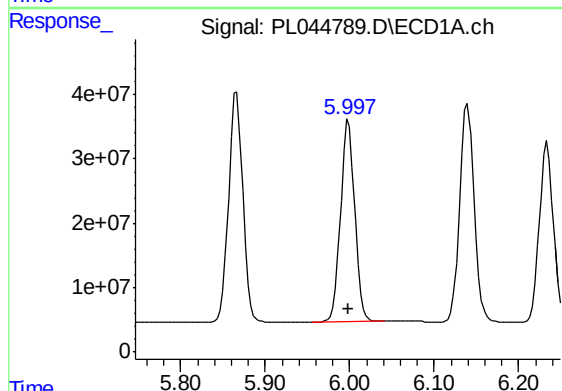
R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 403746157  
Conc: 47.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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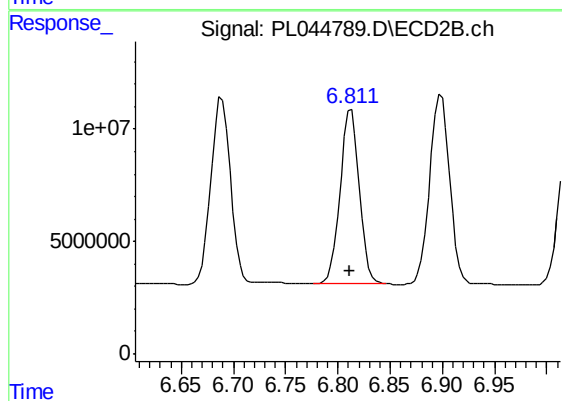
#15 Endosulfan II

R.T.: 6.899 min  
Delta R.T.: 0.002 min  
Response: 112122849  
Conc: 48.68 ng/ml



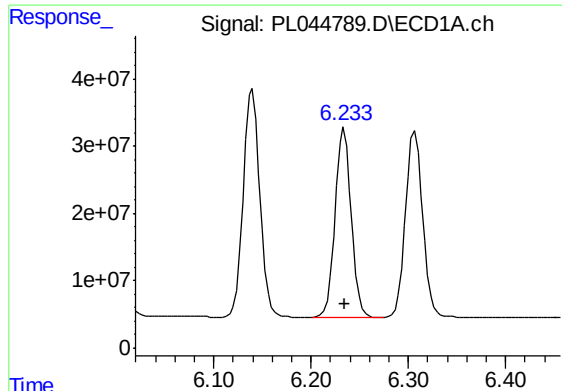
#16 4,4'-DDD

R.T.: 5.999 min  
Delta R.T.: 0.000 min  
Response: 367163318  
Conc: 50.75 ng/ml



#16 4,4'-DDD

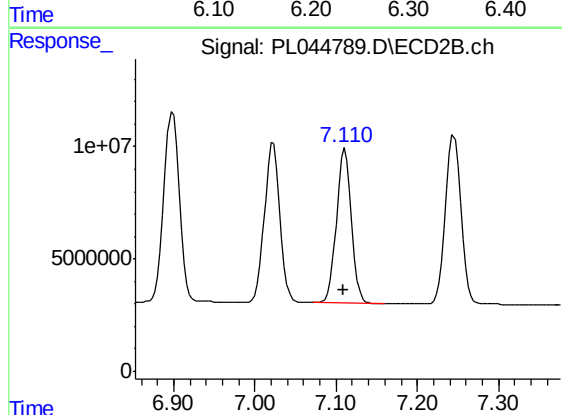
R.T.: 6.813 min  
Delta R.T.: 0.002 min  
Response: 98794730  
Conc: 51.45 ng/ml



#17 4,4'-DDT

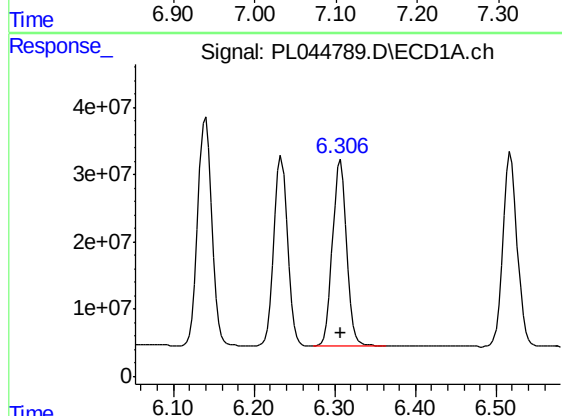
R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 325279584  
Conc: 45.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-021119-PMSD



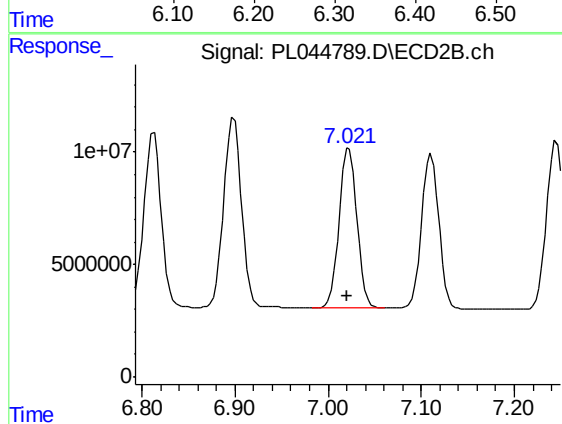
#17 4,4'-DDT

R.T.: 7.111 min  
Delta R.T.: 0.002 min  
Response: 88848131  
Conc: 45.29 ng/ml



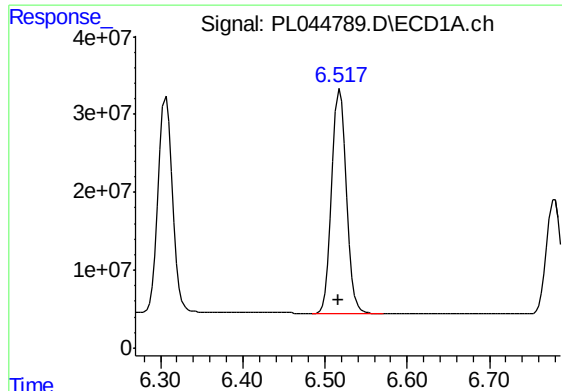
#18 Endrin aldehyde

R.T.: 6.307 min  
Delta R.T.: 0.000 min  
Response: 334705885  
Conc: 47.74 ng/ml



#18 Endrin aldehyde

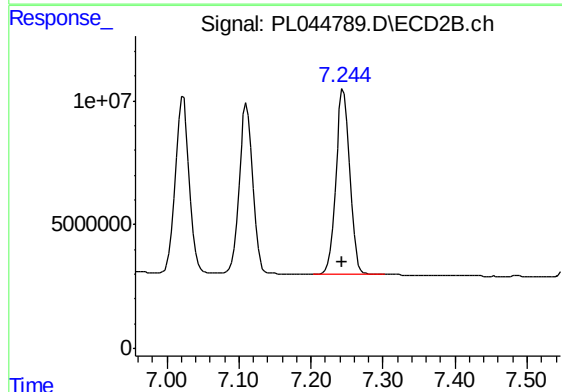
R.T.: 7.023 min  
Delta R.T.: 0.002 min  
Response: 94284021  
Conc: 46.47 ng/ml



#19 Endosulfan Sulfate

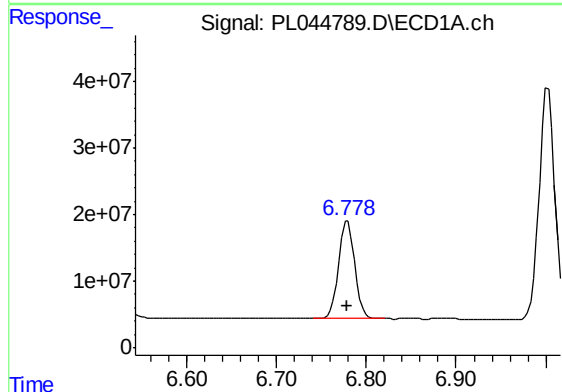
R.T.: 6.518 min  
Delta R.T.: 0.001 min  
Response: 357751680  
Conc: 49.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-021119-PMSD



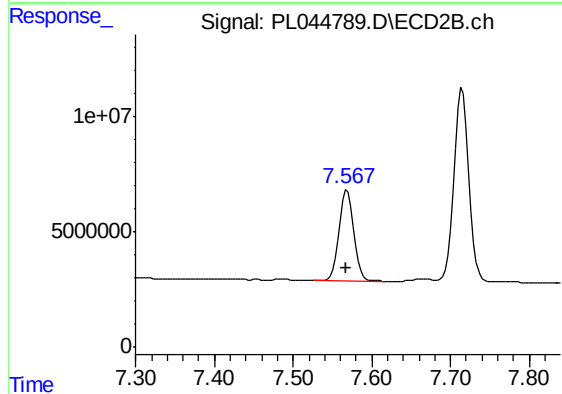
#19 Endosulfan Sulfate

R.T.: 7.245 min  
Delta R.T.: 0.002 min  
Response: 99634831  
Conc: 47.22 ng/ml



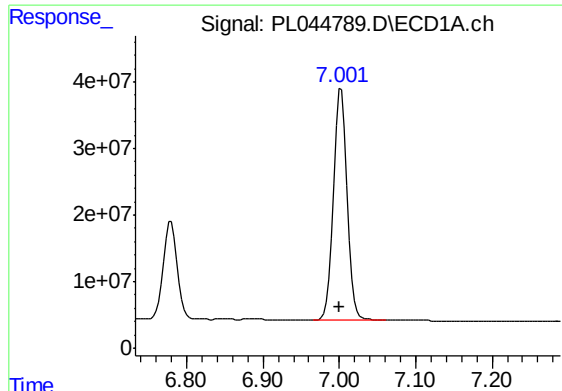
#20 Methoxychlor

R.T.: 6.779 min  
Delta R.T.: 0.000 min  
Response: 184069120  
Conc: 45.87 ng/ml



#20 Methoxychlor

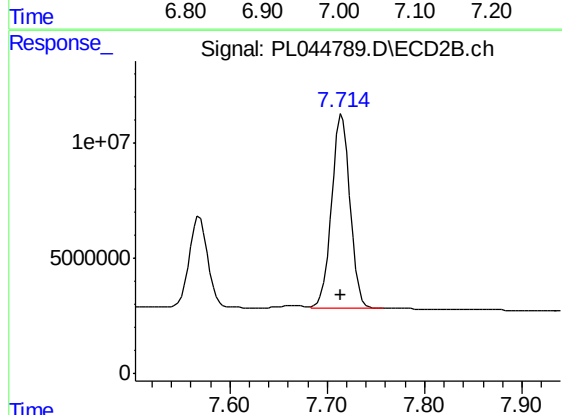
R.T.: 7.569 min  
Delta R.T.: 0.002 min  
Response: 52634055  
Conc: 44.06 ng/ml



#21 Endrin ketone

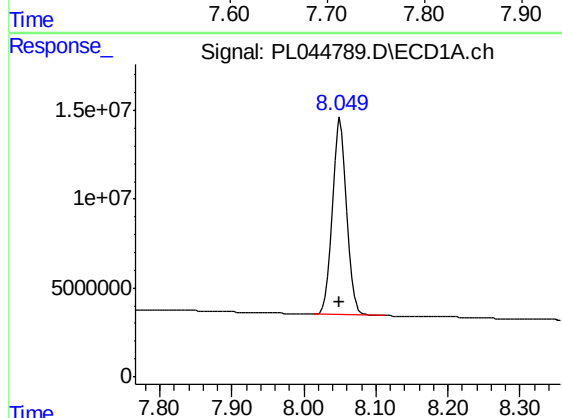
R.T.: 7.003 min  
Delta R.T.: 0.002 min  
Response: 428259537  
Conc: 51.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-021119-PMSD



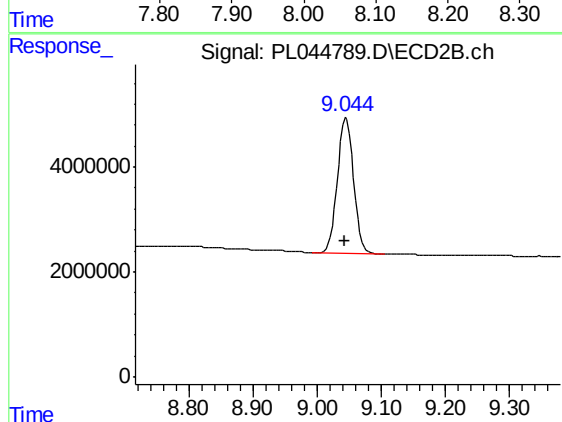
#21 Endrin ketone

R.T.: 7.715 min  
Delta R.T.: 0.001 min  
Response: 111831796  
Conc: 49.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.051 min  
Delta R.T.: 0.002 min  
Response: 152323823  
Conc: 20.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.045 min  
Delta R.T.: 0.002 min  
Response: 45429508  
Conc: 20.51 ng/ml