

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042619\  
 Data File : PL047873.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Apr 2019 17:59  
 Operator : AJ\SJ  
 Sample : K2203-18MS  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SU-03-042419-AMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 26 23:14:41 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 25 01:53:03 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... | 3.330 | 3.943 | 178.5E6 | 51488471 | 19.303   | 21.568    |
| 28)                         | SA Decachlor... | 8.005 | 8.986 | 187.5E6 | 51244322 | 16.752   | 17.952    |
| Target Compounds            |                 |       |       |         |          |          |           |
| 2)                          | A alpha-BHC     | 3.759 | 4.332 | 782.4E6 | 194.0E6  | 53.524   | 58.470    |
| 3)                          | MA gamma-BHC... | 4.035 | 4.615 | 738.2E6 | 173.6E6  | 55.692   | 55.362    |
| 4)                          | MA Heptachlor   | 4.321 | 5.120 | 771.0E6 | 186.5E6  | 54.116   | 55.494    |
| 5)                          | MB Aldrin       | 4.560 | 5.423 | 733.7E6 | 171.9E6  | 52.687   | 55.070    |
| 6)                          | B beta-BHC      | 4.289 | 4.790 | 302.4E6 | 82845948 | 53.519   | 57.499    |
| 7)                          | B delta-BHC     | 4.484 | 5.004 | 618.8E6 | 135.3E6  | 47.632   | 53.841    |
| 8)                          | B Heptachlor... | 4.997 | 5.810 | 685.0E6 | 161.4E6  | 53.456   | 57.734    |
| 9)                          | A Endosulfan I  | 5.328 | 6.166 | 642.3E6 | 152.3E6  | 53.115   | 54.224    |
| 10)                         | B gamma-Chl...  | 5.220 | 6.044 | 703.3E6 | 164.6E6  | 52.828   | 54.394    |
| 11)                         | B alpha-Chl...  | 5.276 | 6.116 | 685.2E6 | 164.0E6  | 52.510   | 54.209    |
| 12)                         | B 4,4'-DDE      | 5.444 | 6.276 | 653.6E6 | 152.7E6  | 52.546   | 55.294    |
| 13)                         | MA Dieldrin     | 5.568 | 6.422 | 695.3E6 | 159.9E6  | 53.563   | 54.704    |
| 14)                         | MA Endrin       | 5.821 | 6.639 | 629.5E6 | 137.7E6  | 52.972   | 53.901    |
| 15)                         | B Endosulfa...  | 6.096 | 6.850 | 589.9E6 | 141.1E6  | 52.687   | 53.763    |
| 16)                         | A 4,4'-DDD      | 5.956 | 6.766 | 529.3E6 | 125.6E6  | 53.831   | 55.956    |
| 17)                         | MA 4,4'-DDT     | 6.190 | 7.064 | 519.1E6 | 125.8E6  | 52.063   | 52.814    |
| 18)                         | B Endrin al...  | 6.263 | 6.975 | 483.8E6 | 120.5E6  | 51.272   | 52.152    |
| 19)                         | B Endosulfa...  | 6.474 | 7.197 | 550.5E6 | 136.4E6  | 49.388   | 49.791    |
| 20)                         | A Methoxychlor  | 6.736 | 7.524 | 267.9E6 | 71238436 | 50.369   | 50.806    |
| 21)                         | B Endrin ke...  | 6.957 | 7.667 | 625.2E6 | 149.0E6  | 52.722   | 52.978    |
| 22)                         | Mirex           | 7.132 | 8.117 | 462.6E6 | 118.2E6  | 49.288   | 50.818    |
| 23)                         | Chlordane-1     | 4.168 | 5.004 | 4927706 | 135.3E6  | 11.397   | 527.958 # |
| 24)                         | Chlordane-2     | 0.000 | 5.423 | 0       | 171.9E6  | N.D.     | 552.327 # |
| 25)                         | Chlordane-3     | 5.276 | 6.116 | 685.2E6 | 164.0E6  | 519.724  | 553.651   |
| 26)                         | Chlordane-4     | 5.328 | 6.166 | 642.3E6 | 152.3E6  | 522.754  | 552.882   |
| 27)                         | Chlordane-5     | 6.096 | 6.975 | 589.9E6 | 120.5E6  | 1391.371 | 534.661 # |
| -----                       |                 |       |       |         |          |          |           |

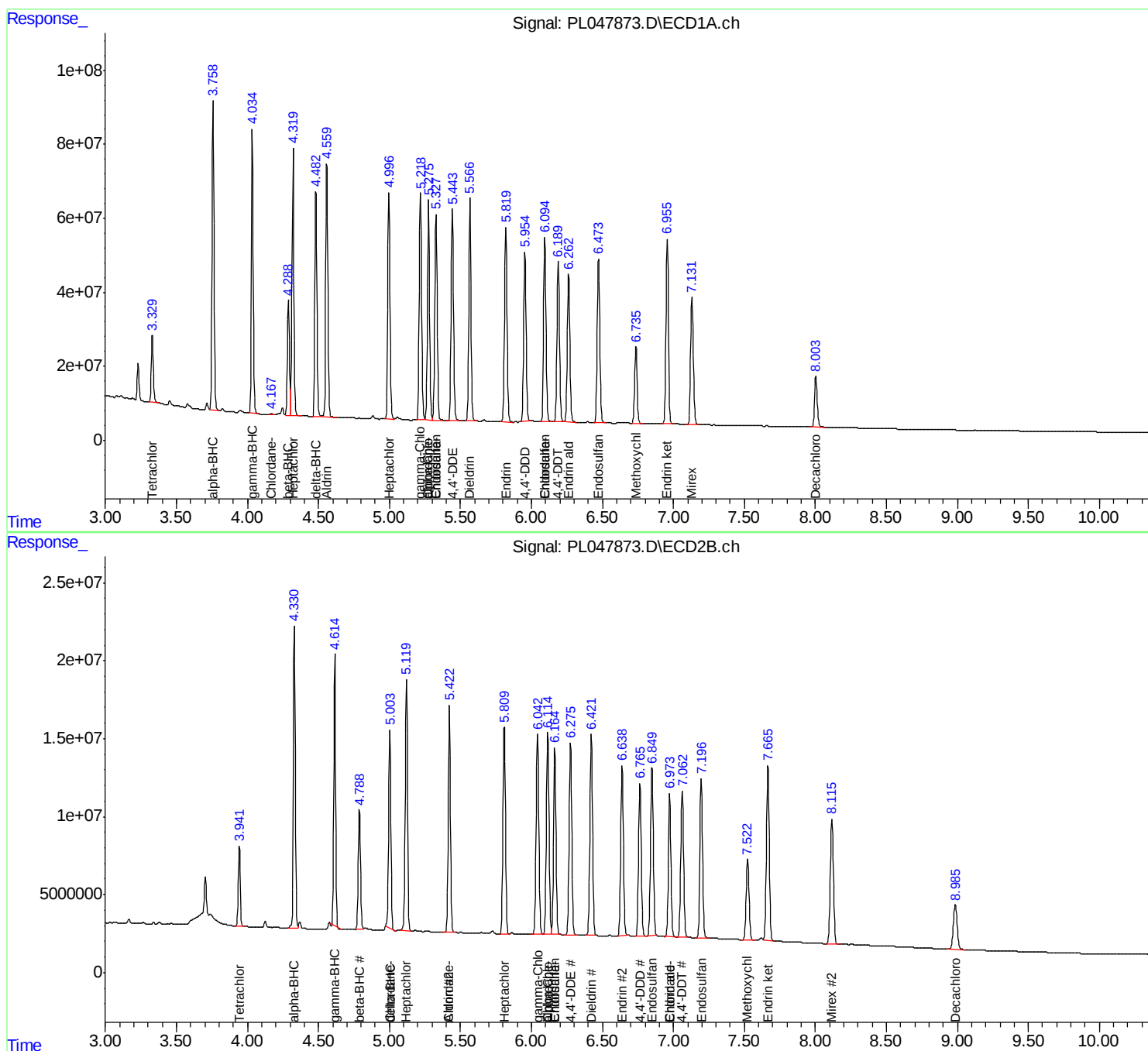
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

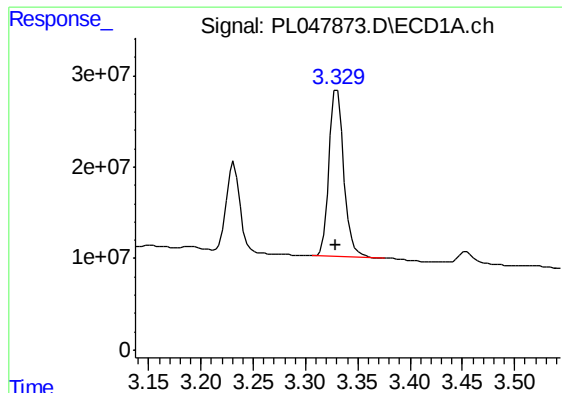
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042619\  
Data File : PL047873.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Apr 2019 17:59  
Operator : AJ\SJ  
Sample : K2203-18MS  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 26 23:14:41 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 25 01:53:03 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

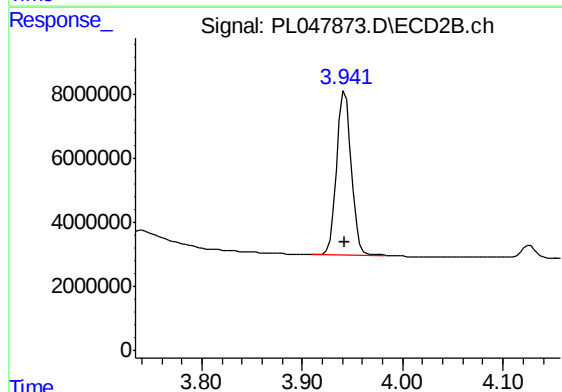




#1 Tetrachloro-m-xylene

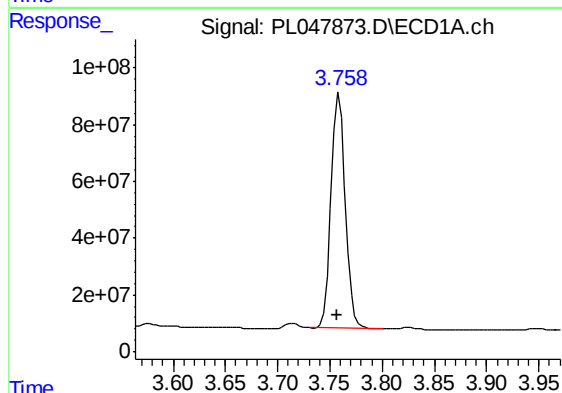
R.T.: 3.330 min  
Delta R.T.: 0.001 min  
Response: 178515767  
Conc: 19.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



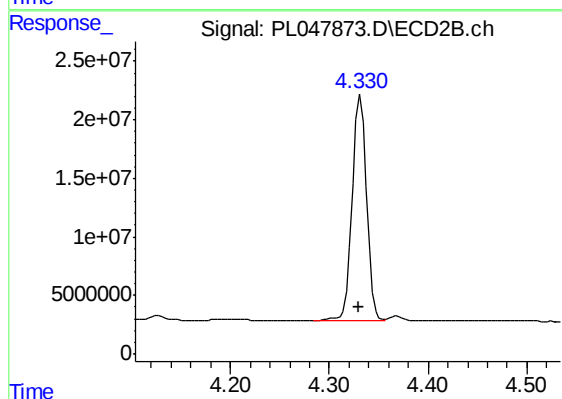
#1 Tetrachloro-m-xylene

R.T.: 3.943 min  
Delta R.T.: 0.001 min  
Response: 51488471  
Conc: 21.57 ng/ml



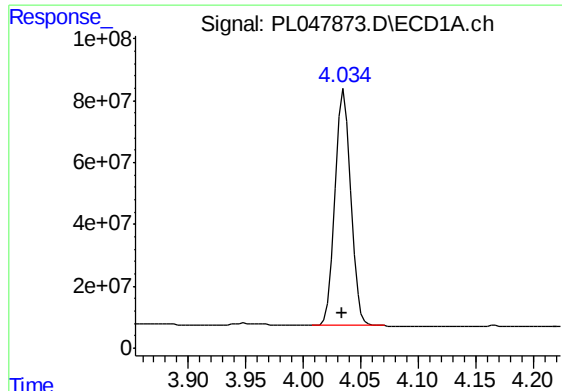
#2 alpha-BHC

R.T.: 3.759 min  
Delta R.T.: 0.002 min  
Response: 782443653  
Conc: 53.52 ng/ml



#2 alpha-BHC

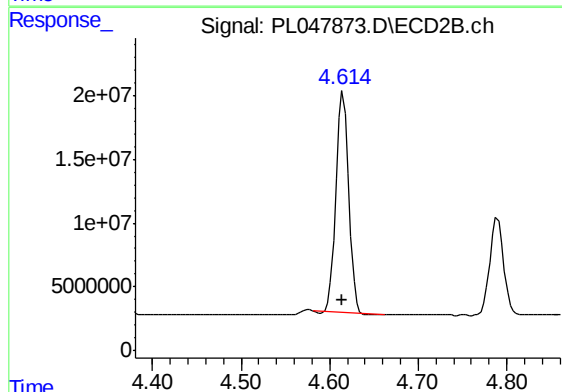
R.T.: 4.332 min  
Delta R.T.: 0.002 min  
Response: 194046630  
Conc: 58.47 ng/ml



#3 gamma-BHC (Lindane)

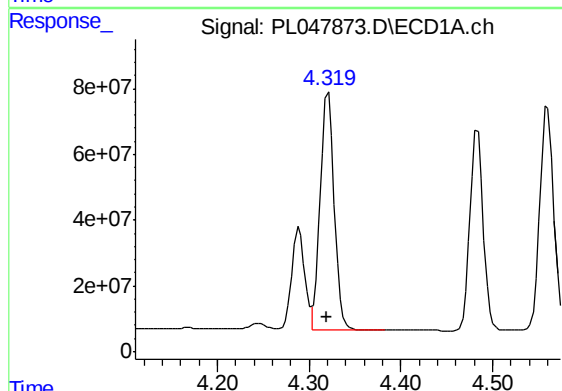
R.T.: 4.035 min  
Delta R.T.: 0.002 min  
Response: 738181882  
Conc: 55.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



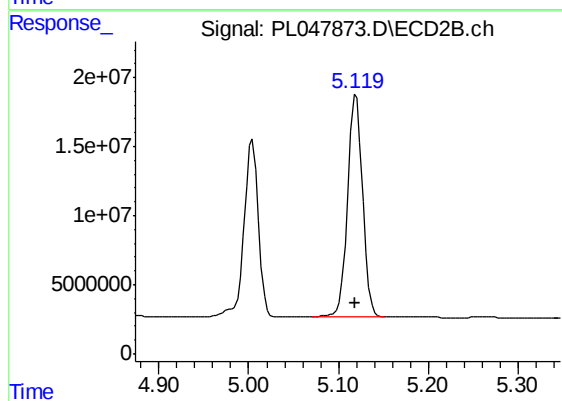
#3 gamma-BHC (Lindane)

R.T.: 4.615 min  
Delta R.T.: 0.002 min  
Response: 173640591  
Conc: 55.36 ng/ml



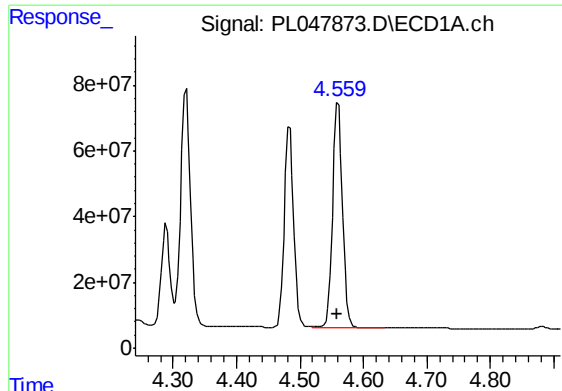
#4 Heptachlor

R.T.: 4.321 min  
Delta R.T.: 0.002 min  
Response: 771045375  
Conc: 54.12 ng/ml



#4 Heptachlor

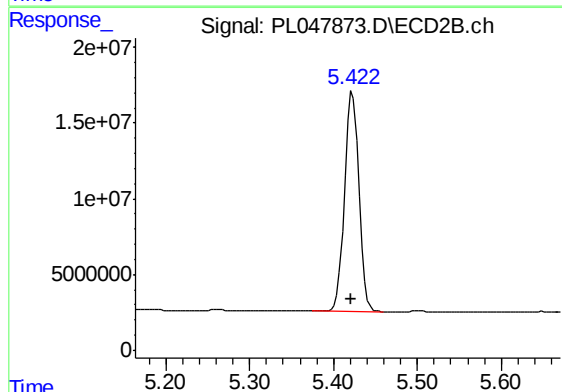
R.T.: 5.120 min  
Delta R.T.: 0.002 min  
Response: 186501643  
Conc: 55.49 ng/ml



#5 Aldrin

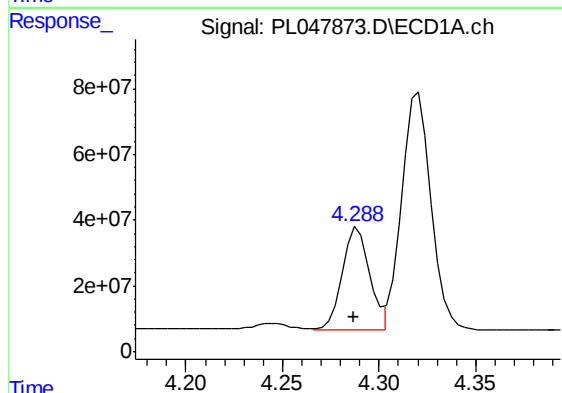
R.T.: 4.560 min  
Delta R.T.: 0.002 min  
Response: 733701089  
Conc: 52.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



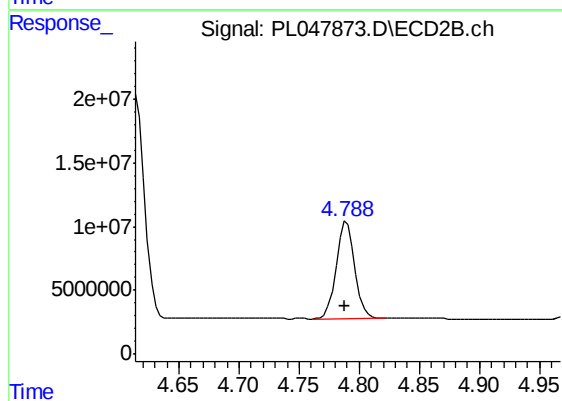
#5 Aldrin

R.T.: 5.423 min  
Delta R.T.: 0.002 min  
Response: 171872706  
Conc: 55.07 ng/ml



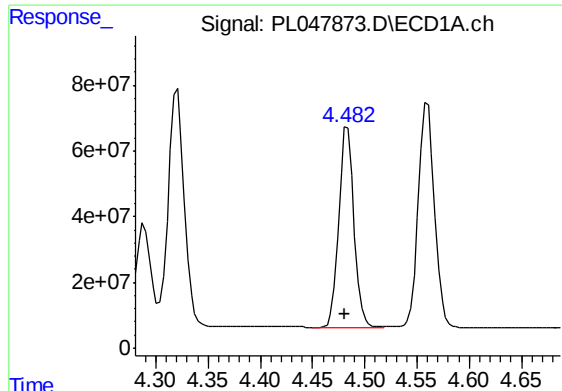
#6 beta-BHC

R.T.: 4.289 min  
Delta R.T.: 0.002 min  
Response: 302386974  
Conc: 53.52 ng/ml



#6 beta-BHC

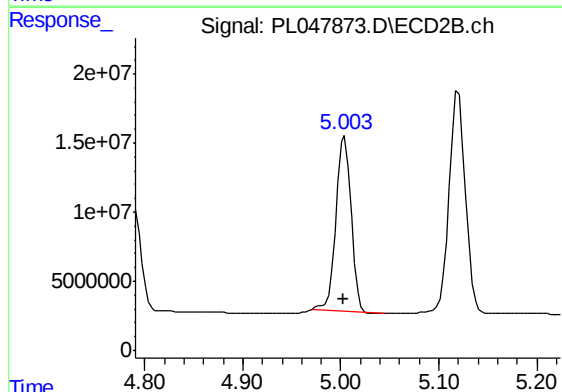
R.T.: 4.790 min  
Delta R.T.: 0.002 min  
Response: 82845948  
Conc: 57.50 ng/ml



#7 delta-BHC

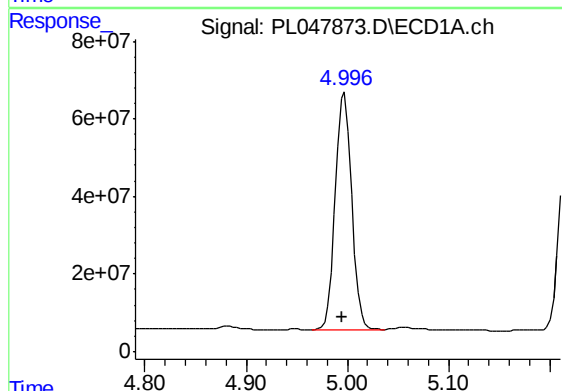
R.T.: 4.484 min  
Delta R.T.: 0.002 min  
Response: 618772380  
Conc: 47.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



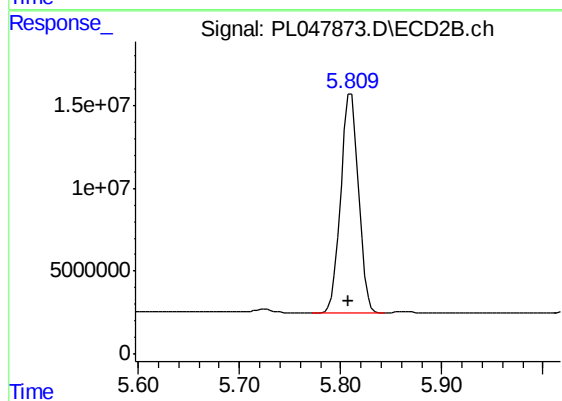
#7 delta-BHC

R.T.: 5.004 min  
Delta R.T.: 0.002 min  
Response: 135264930  
Conc: 53.84 ng/ml



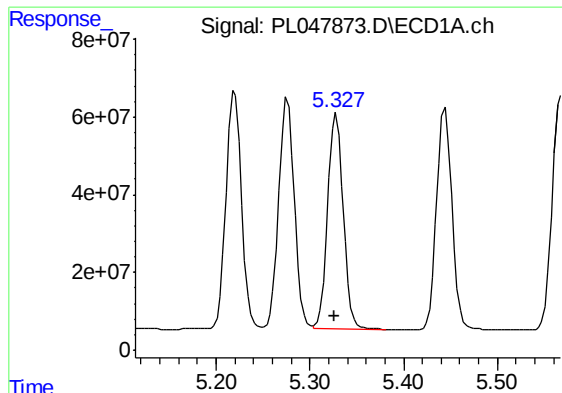
#8 Heptachlor epoxide

R.T.: 4.997 min  
Delta R.T.: 0.002 min  
Response: 685038727  
Conc: 53.46 ng/ml



#8 Heptachlor epoxide

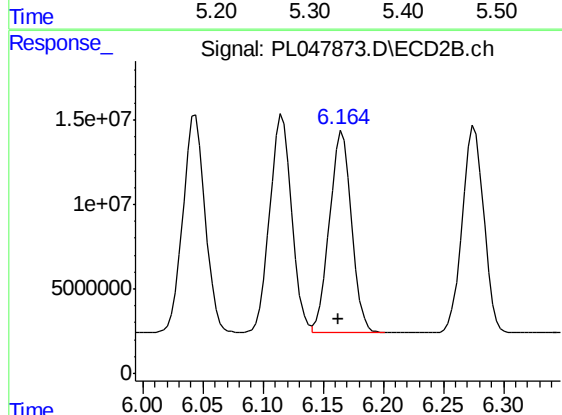
R.T.: 5.810 min  
Delta R.T.: 0.003 min  
Response: 161351468  
Conc: 57.73 ng/ml



#9 Endosulfan I

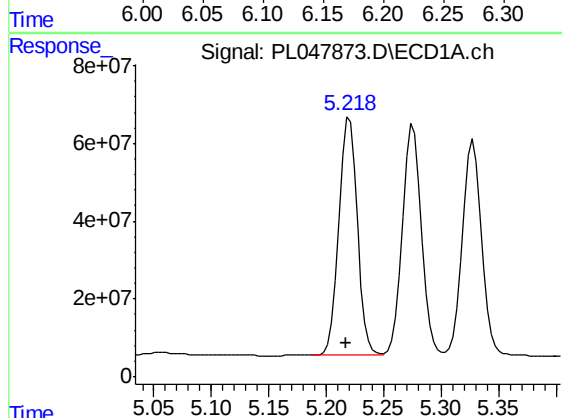
R.T.: 5.328 min  
Delta R.T.: 0.002 min  
Response: 642328995  
Conc: 53.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



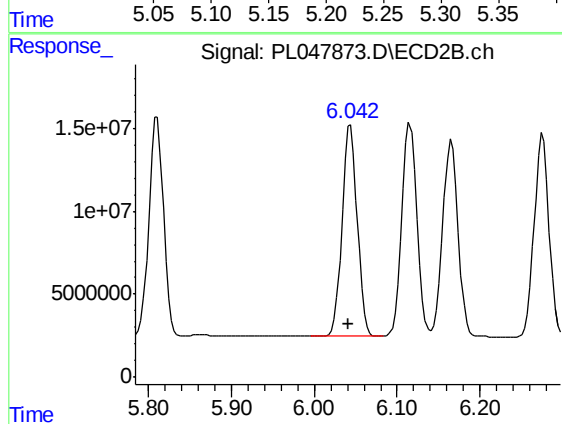
#9 Endosulfan I

R.T.: 6.166 min  
Delta R.T.: 0.003 min  
Response: 152262106  
Conc: 54.22 ng/ml



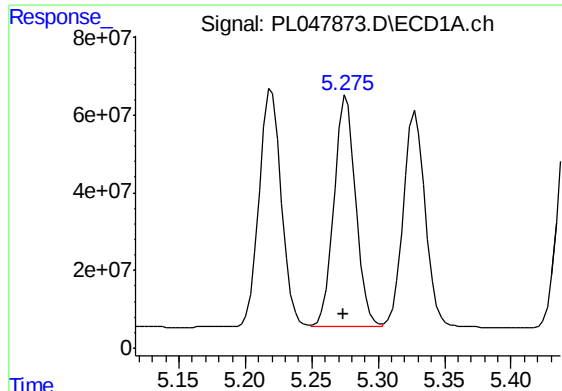
#10 gamma-Chlordane

R.T.: 5.220 min  
Delta R.T.: 0.002 min  
Response: 703330608  
Conc: 52.83 ng/ml



#10 gamma-Chlordane

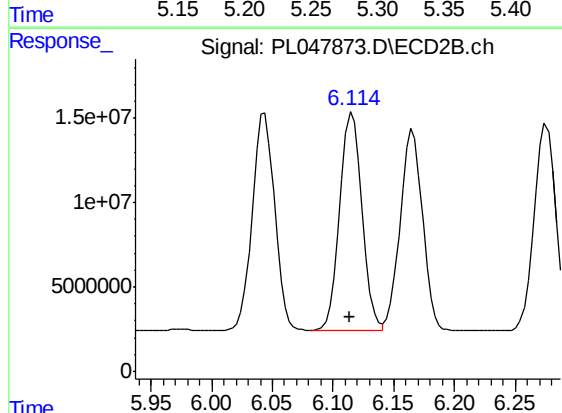
R.T.: 6.044 min  
Delta R.T.: 0.002 min  
Response: 164614387  
Conc: 54.39 ng/ml



#11 alpha-Chlordane

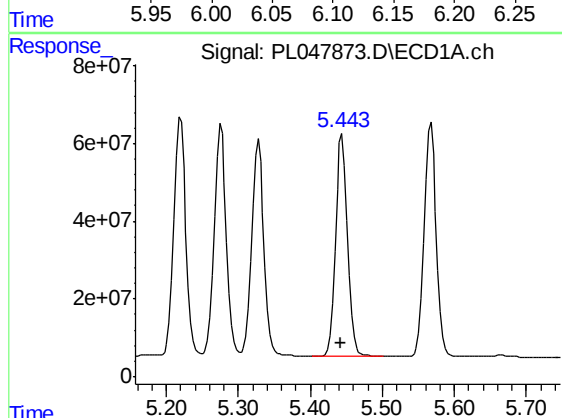
R.T.: 5.276 min  
Delta R.T.: 0.002 min  
Response: 685190439  
Conc: 52.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



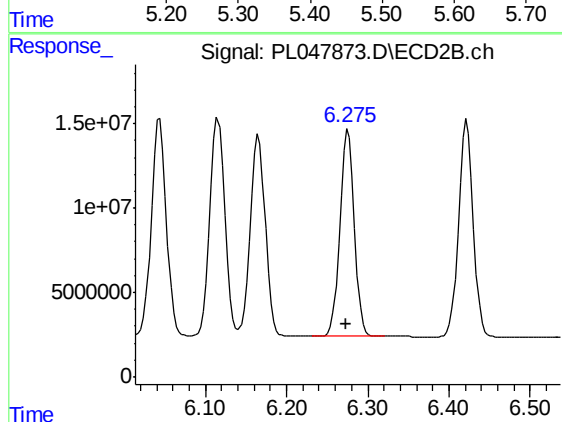
#11 alpha-Chlordane

R.T.: 6.116 min  
Delta R.T.: 0.002 min  
Response: 164005958  
Conc: 54.21 ng/ml



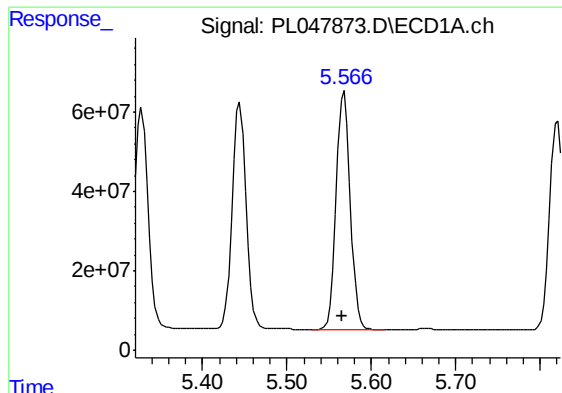
#12 4,4'-DDE

R.T.: 5.444 min  
Delta R.T.: 0.002 min  
Response: 653609249  
Conc: 52.55 ng/ml



#12 4,4'-DDE

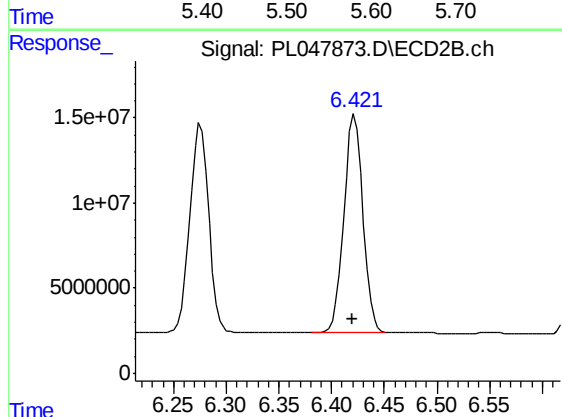
R.T.: 6.276 min  
Delta R.T.: 0.003 min  
Response: 152688620  
Conc: 55.29 ng/ml



#13 Dielldrin

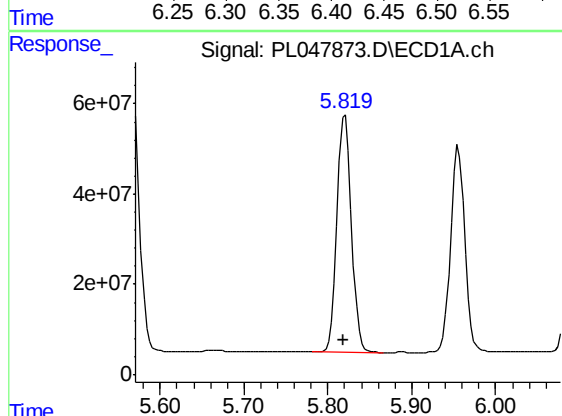
R.T.: 5.568 min  
Delta R.T.: 0.002 min  
Response: 695341649  
Conc: 53.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



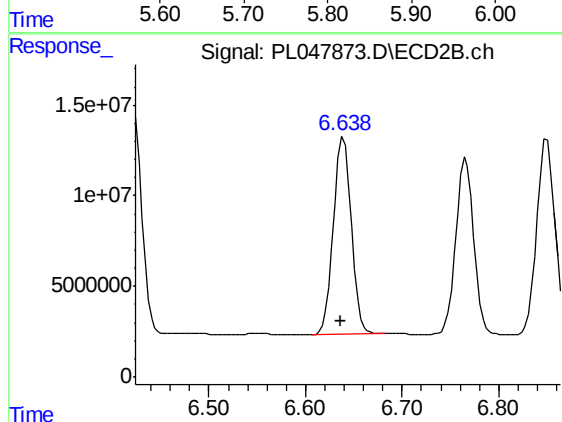
#13 Dielldrin

R.T.: 6.422 min  
Delta R.T.: 0.002 min  
Response: 159922199  
Conc: 54.70 ng/ml



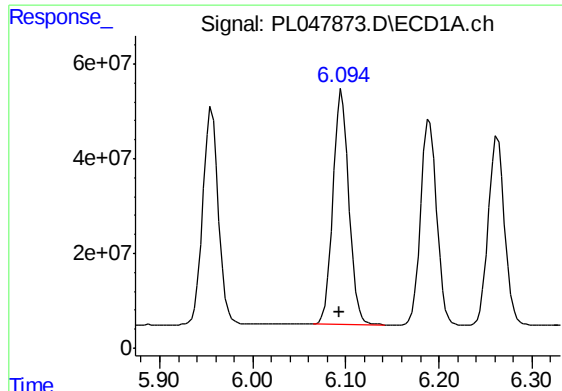
#14 Endrin

R.T.: 5.821 min  
Delta R.T.: 0.002 min  
Response: 629511825  
Conc: 52.97 ng/ml



#14 Endrin

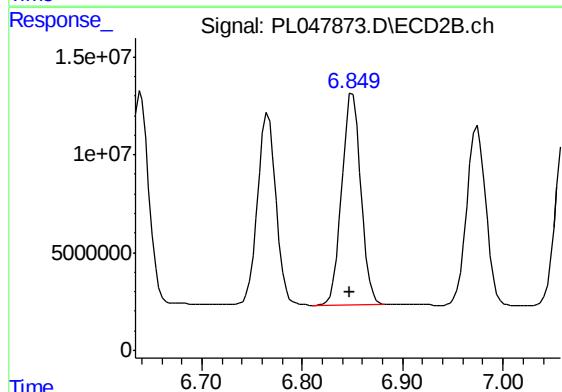
R.T.: 6.639 min  
Delta R.T.: 0.002 min  
Response: 137683150  
Conc: 53.90 ng/ml



#15 Endosulfan II

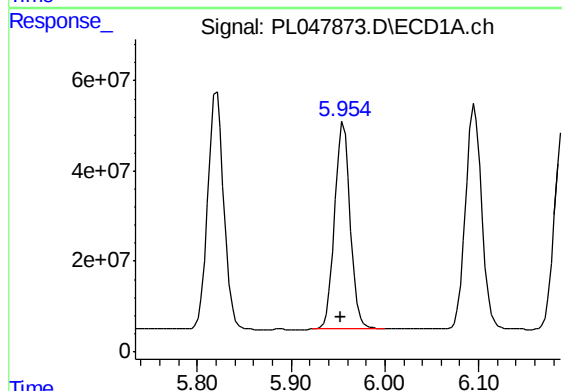
R.T.: 6.096 min  
Delta R.T.: 0.002 min  
Response: 589905824  
Conc: 52.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



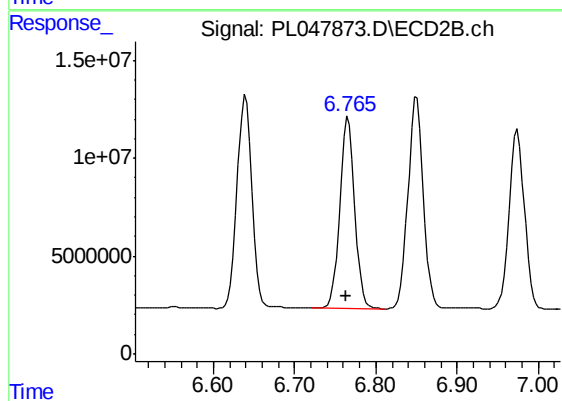
#15 Endosulfan II

R.T.: 6.850 min  
Delta R.T.: 0.003 min  
Response: 141052763  
Conc: 53.76 ng/ml



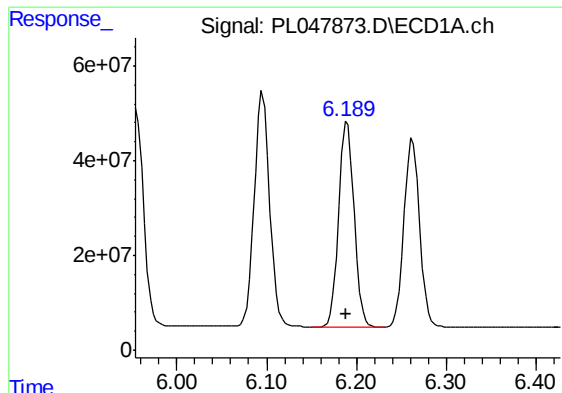
#16 4,4'-DDD

R.T.: 5.956 min  
Delta R.T.: 0.002 min  
Response: 529323020  
Conc: 53.83 ng/ml



#16 4,4'-DDD

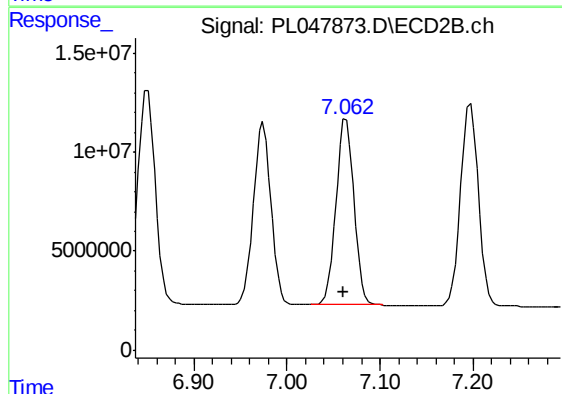
R.T.: 6.766 min  
Delta R.T.: 0.003 min  
Response: 125625921  
Conc: 55.96 ng/ml



#17 4,4'-DDT

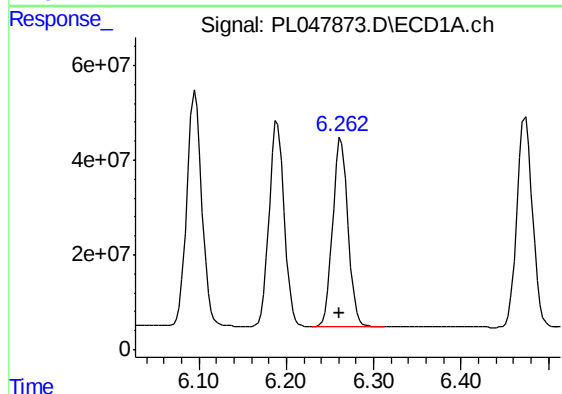
R.T.: 6.190 min  
Delta R.T.: 0.002 min  
Response: 519059940  
Conc: 52.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



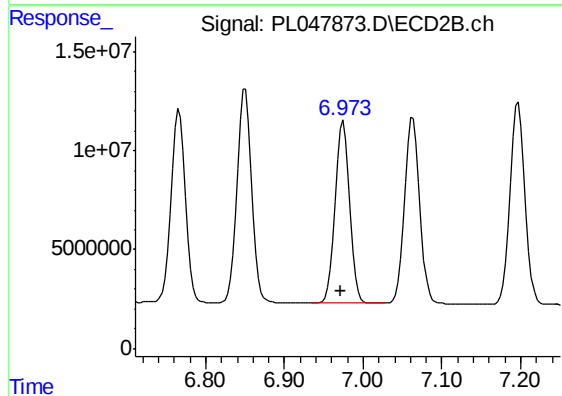
#17 4,4'-DDT

R.T.: 7.064 min  
Delta R.T.: 0.003 min  
Response: 125812291  
Conc: 52.81 ng/ml



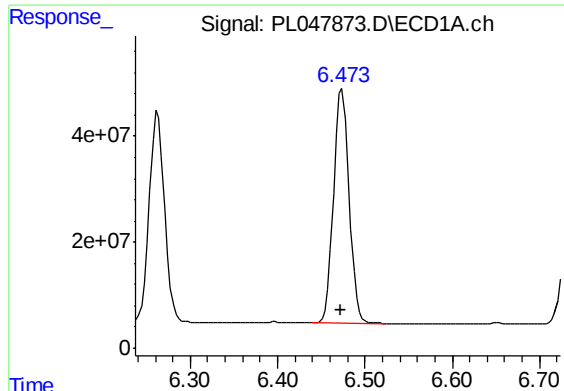
#18 Endrin aldehyde

R.T.: 6.263 min  
Delta R.T.: 0.003 min  
Response: 483756001  
Conc: 51.27 ng/ml



#18 Endrin aldehyde

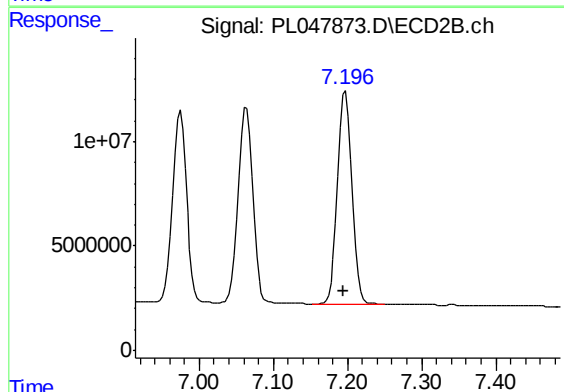
R.T.: 6.975 min  
Delta R.T.: 0.004 min  
Response: 120489033  
Conc: 52.15 ng/ml



#19 Endosulfan Sulfate

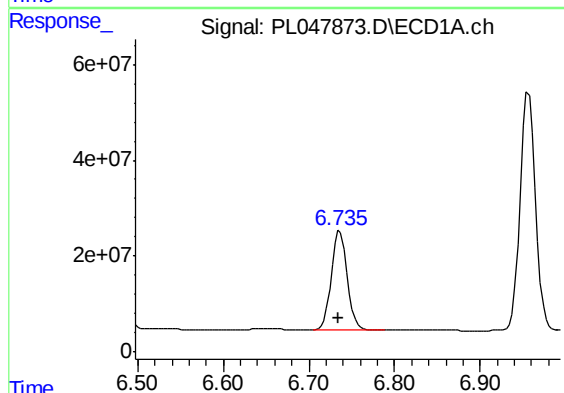
R.T.: 6.474 min  
Delta R.T.: 0.002 min  
Response: 550491415  
Conc: 49.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



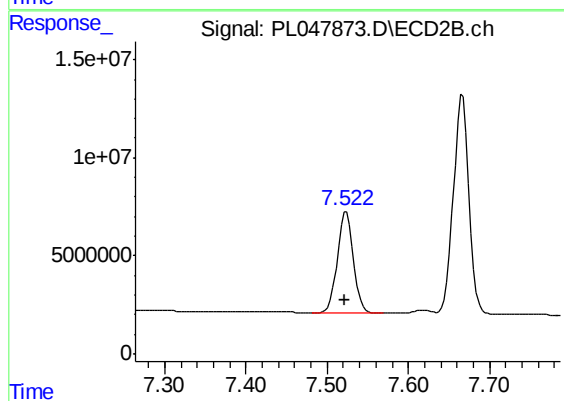
#19 Endosulfan Sulfate

R.T.: 7.197 min  
Delta R.T.: 0.003 min  
Response: 136351818  
Conc: 49.79 ng/ml



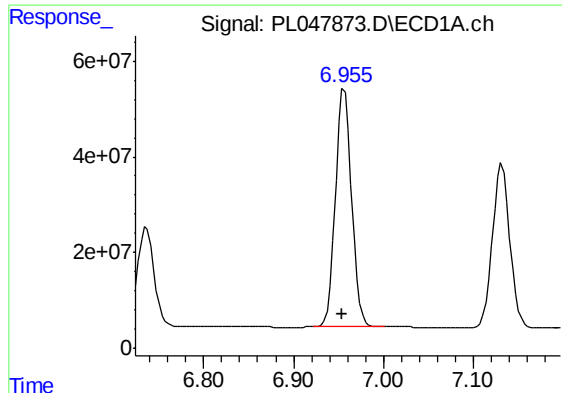
#20 Methoxychlor

R.T.: 6.736 min  
Delta R.T.: 0.003 min  
Response: 267898782  
Conc: 50.37 ng/ml



#20 Methoxychlor

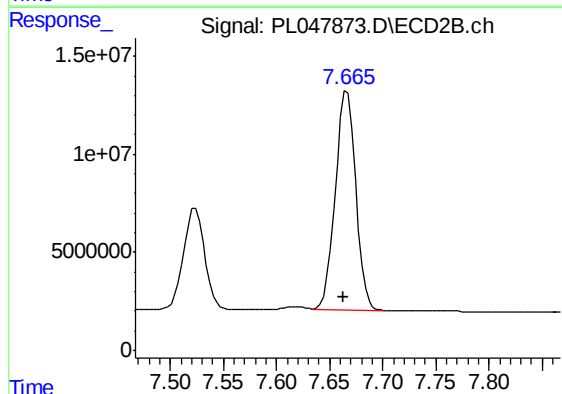
R.T.: 7.524 min  
Delta R.T.: 0.003 min  
Response: 71238436  
Conc: 50.81 ng/ml



#21 Endrin ketone

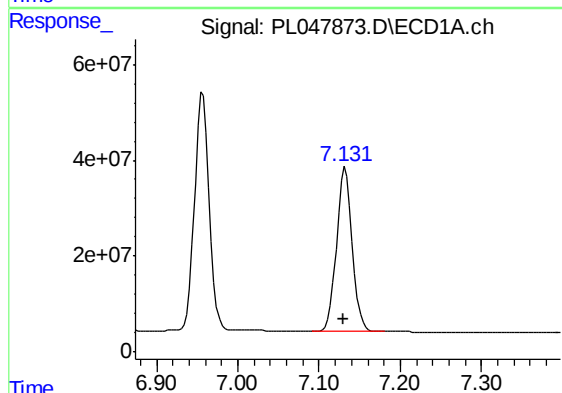
R.T.: 6.957 min  
Delta R.T.: 0.002 min  
Response: 625209299  
Conc: 52.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



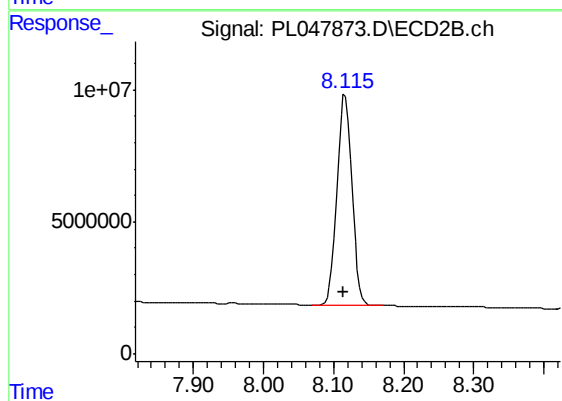
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: 0.004 min  
Response: 148958838  
Conc: 52.98 ng/ml



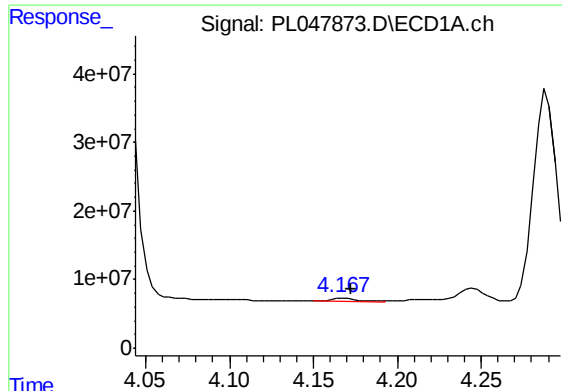
#22 Mirex

R.T.: 7.132 min  
Delta R.T.: 0.003 min  
Response: 462648790  
Conc: 49.29 ng/ml



#22 Mirex

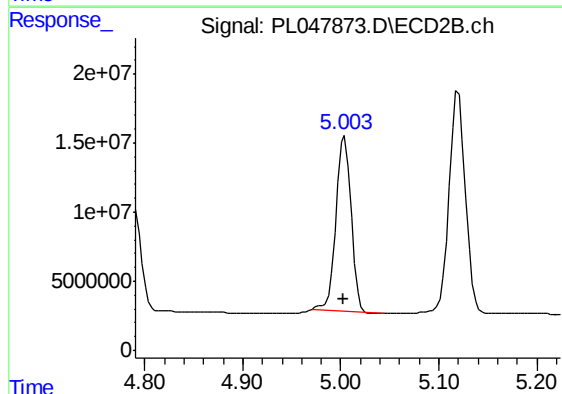
R.T.: 8.117 min  
Delta R.T.: 0.003 min  
Response: 118244612  
Conc: 50.82 ng/ml



#23 Chlordane-1

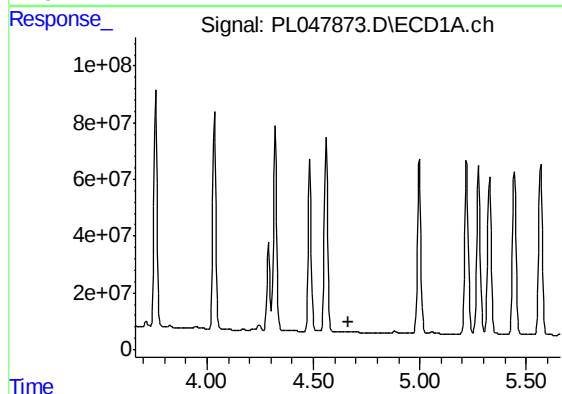
R.T.: 4.168 min  
Delta R.T.: -0.004 min  
Response: 4927706  
Conc: 11.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



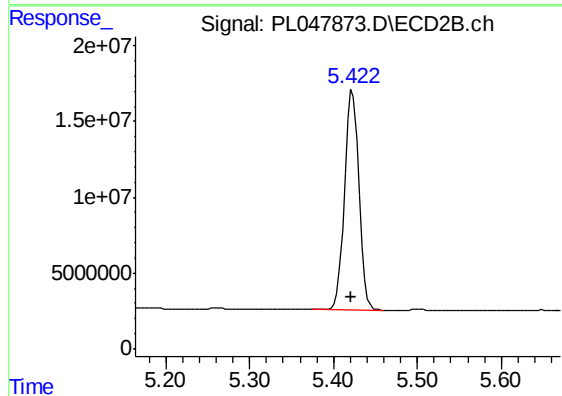
#23 Chlordane-1

R.T.: 5.004 min  
Delta R.T.: 0.001 min  
Response: 135264930  
Conc: 527.96 ng/ml



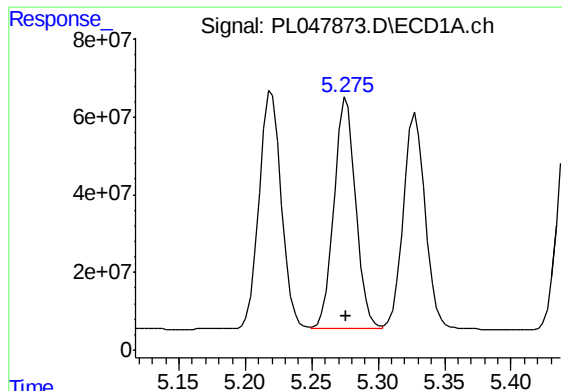
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.663 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

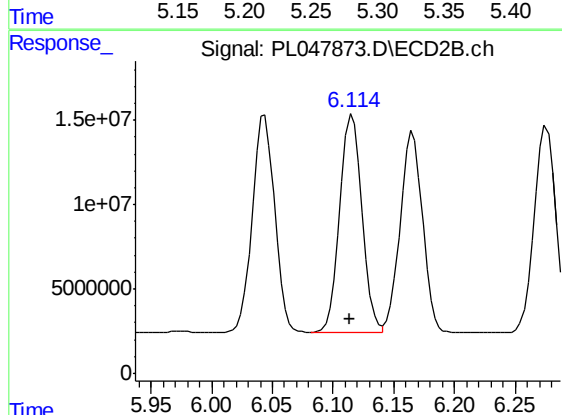
R.T.: 5.423 min  
Delta R.T.: 0.001 min  
Response: 171872706  
Conc: 552.33 ng/ml



#25 Chlordane-3

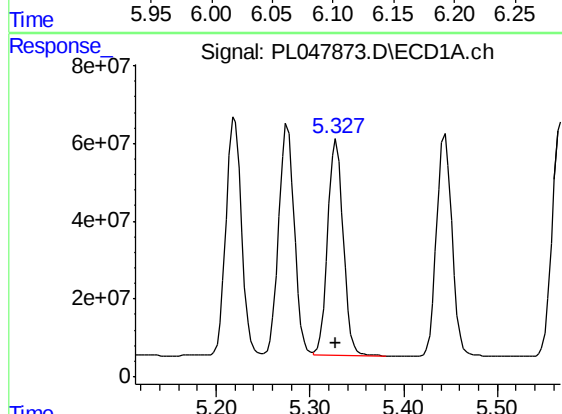
R.T.: 5.276 min  
Delta R.T.: 0.000 min  
Response: 685190439  
Conc: 519.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



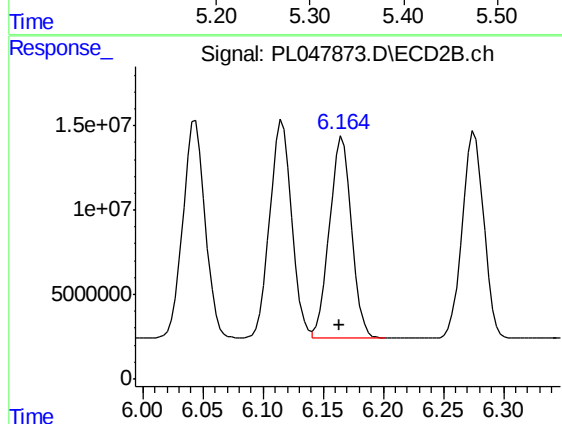
#25 Chlordane-3

R.T.: 6.116 min  
Delta R.T.: 0.001 min  
Response: 164005958  
Conc: 553.65 ng/ml



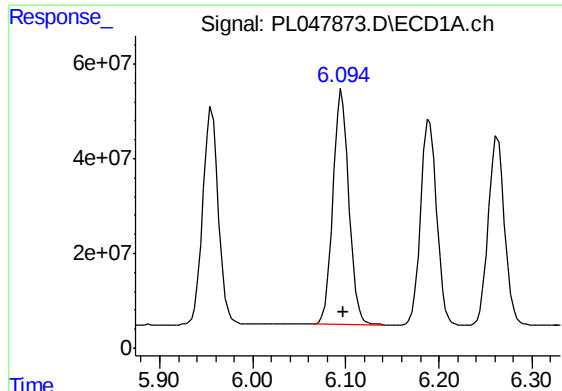
#26 Chlordane-4

R.T.: 5.328 min  
Delta R.T.: 0.001 min  
Response: 642328995  
Conc: 522.75 ng/ml



#26 Chlordane-4

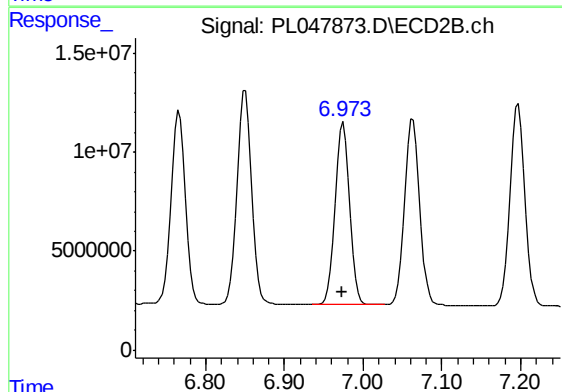
R.T.: 6.166 min  
Delta R.T.: 0.002 min  
Response: 152262106  
Conc: 552.88 ng/ml



#27 Chlordane-5

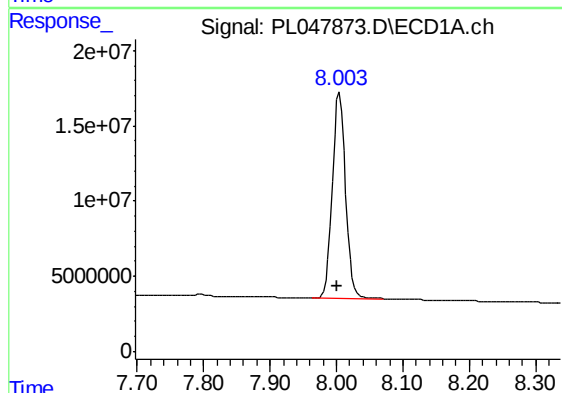
R.T.: 6.096 min  
Delta R.T.: -0.002 min  
Response: 589905824  
Conc: 1391.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-042419-AMS



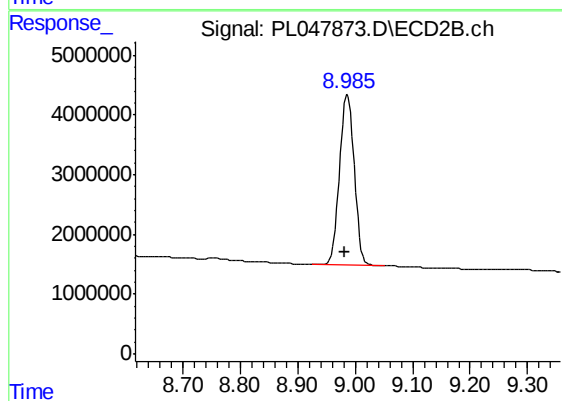
#27 Chlordane-5

R.T.: 6.975 min  
Delta R.T.: 0.002 min  
Response: 120489033  
Conc: 534.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.005 min  
Delta R.T.: 0.003 min  
Response: 187524620  
Conc: 16.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.986 min  
Delta R.T.: 0.005 min  
Response: 51244322  
Conc: 17.95 ng/ml