

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071919\  
 Data File : PL050654.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jul 2019 21:22  
 Operator : SM\AJ  
 Sample : K3615-02MSD  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HR-06-071719-AMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 19 23:39:01 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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... | 3.320 | 3.930 | 176.6E6 | 55129304 | 17.575 | 19.322 |
| 28)                         | SA Decachlor... | 7.981 | 8.962 | 190.9E6 | 53964125 | 18.855 | 19.083 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.747 | 4.319 | 936.2E6 | 251.1E6  | 55.869 | 60.868 |
| 3)                          | MA gamma-BHC... | 4.023 | 4.602 | 898.1E6 | 236.6E6  | 58.391 | 61.080 |
| 4)                          | MA Heptachlor   | 4.306 | 5.104 | 945.0E6 | 247.7E6  | 57.593 | 59.726 |
| 5)                          | MB Aldrin       | 4.544 | 5.406 | 895.8E6 | 227.9E6  | 57.826 | 60.468 |
| 6)                          | B beta-BHC      | 4.277 | 4.778 | 372.1E6 | 106.9E6  | 56.763 | 61.860 |
| 7)                          | B delta-BHC     | 4.470 | 4.992 | 881.4E6 | 212.5E6  | 53.717 | 54.956 |
| 8)                          | B Heptachlor... | 4.981 | 5.793 | 852.5E6 | 219.0E6  | 57.702 | 57.261 |
| 9)                          | A Endosulfan I  | 5.311 | 6.147 | 828.7E6 | 207.0E6  | 56.982 | 60.207 |
| 10)                         | B gamma-Chl...  | 5.203 | 6.026 | 903.3E6 | 224.8E6  | 57.229 | 60.825 |
| 11)                         | B alpha-Chl...  | 5.259 | 6.098 | 875.0E6 | 220.8E6  | 57.352 | 60.233 |
| 12)                         | B 4,4'-DDE      | 5.426 | 6.259 | 864.9E6 | 220.0E6  | 57.712 | 61.064 |
| 13)                         | MA Dieldrin     | 5.549 | 6.404 | 901.7E6 | 216.9E6  | 58.184 | 61.258 |
| 14)                         | MA Endrin       | 5.802 | 6.621 | 835.9E6 | 187.5E6  | 56.784 | 60.460 |
| 15)                         | B Endosulfa...  | 6.078 | 6.833 | 795.1E6 | 191.7E6  | 56.811 | 60.287 |
| 16)                         | A 4,4'-DDD      | 5.937 | 6.749 | 710.5E6 | 166.8E6  | 59.285 | 62.638 |
| 17)                         | MA 4,4'-DDT     | 6.171 | 7.045 | 697.4E6 | 164.6E6  | 56.311 | 60.960 |
| 18)                         | B Endrin al...  | 6.244 | 6.958 | 636.9E6 | 153.6E6  | 55.211 | 56.522 |
| 19)                         | B Endosulfa...  | 6.455 | 7.180 | 697.3E6 | 171.6E6  | 54.737 | 59.422 |
| 20)                         | A Methoxychlor  | 6.715 | 7.507 | 340.1E6 | 89106324 | 54.508 | 60.729 |
| 21)                         | B Endrin ke...  | 6.937 | 7.649 | 784.2E6 | 184.6E6  | 57.332 | 63.847 |
| 22)                         | Mirex           | 7.110 | 8.098 | 504.3E6 | 133.0E6  | 51.441 | 57.892 |
| -----                       |                 |       |       |         |          |        |        |

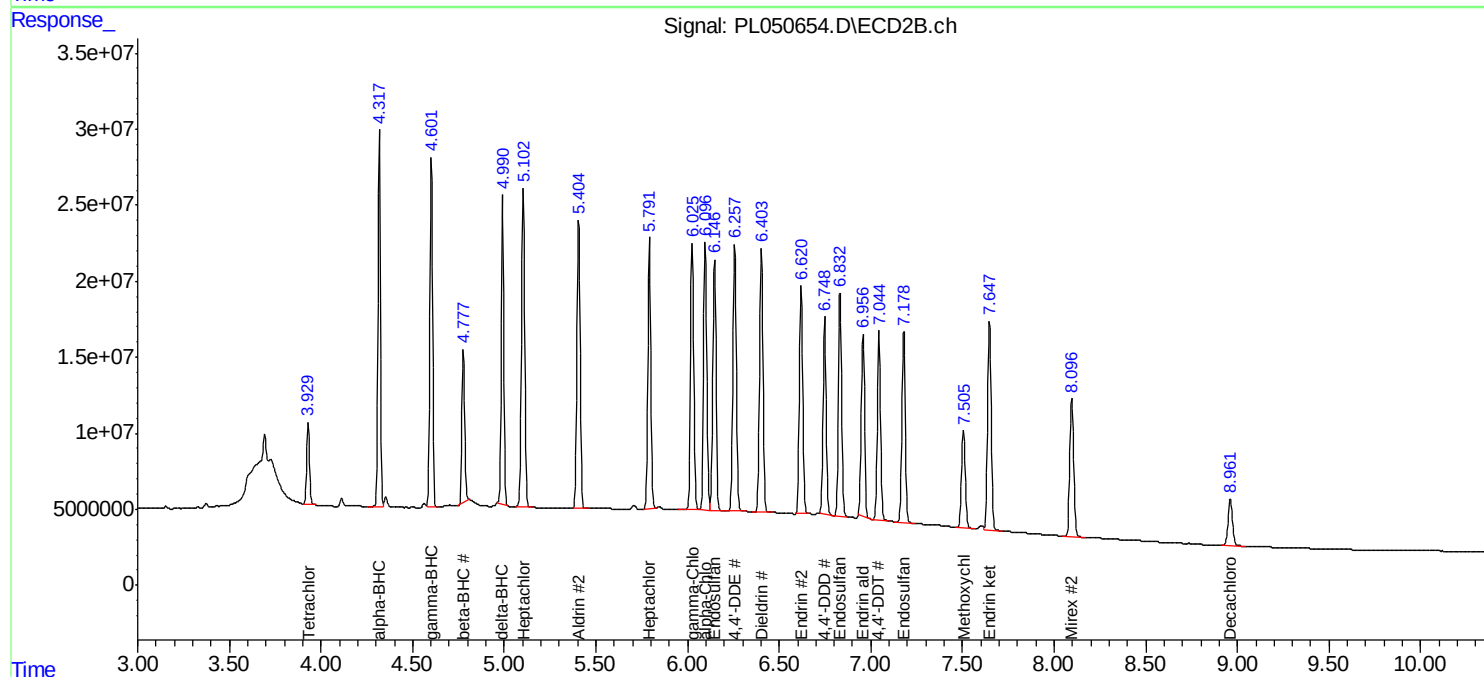
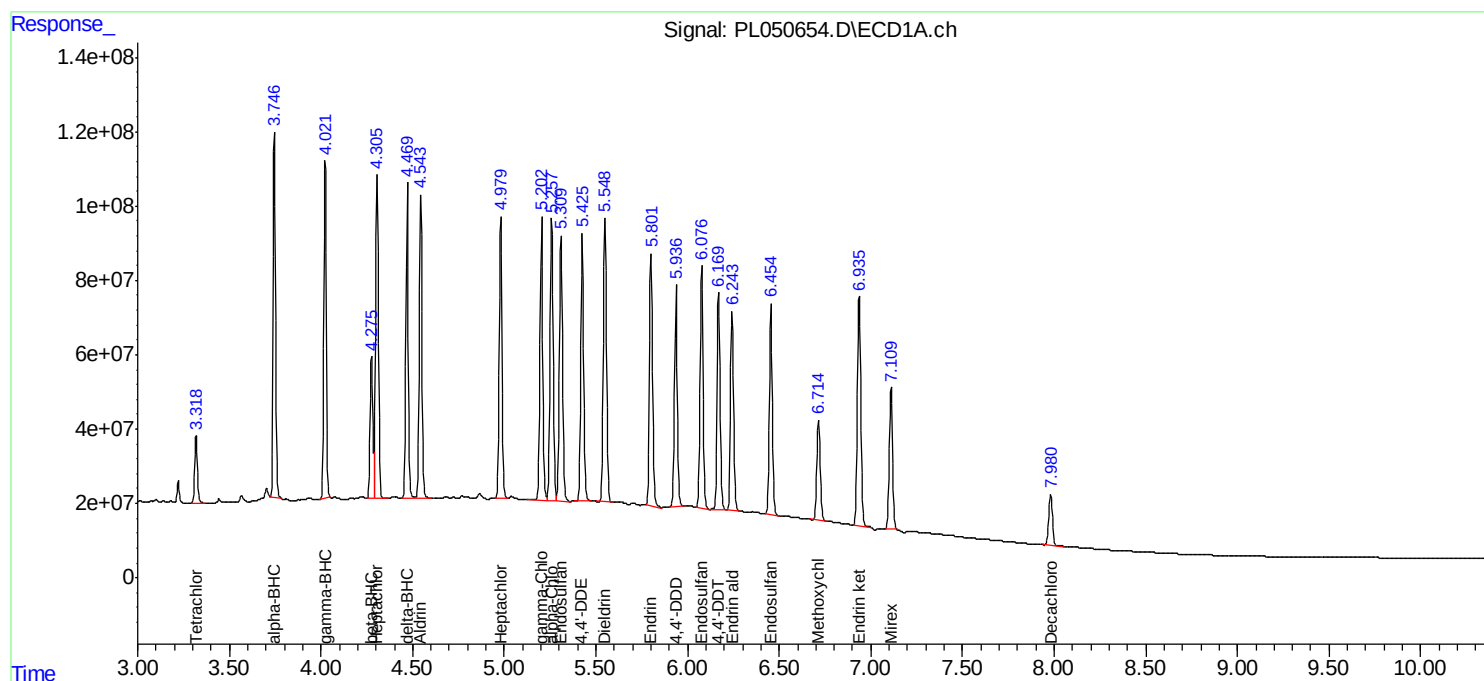
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

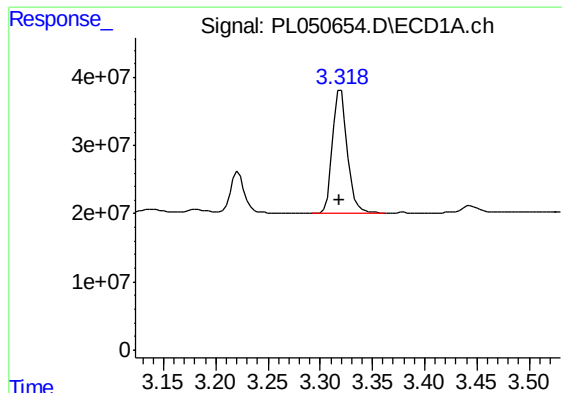
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071919\  
Data File : PL050654.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jul 2019 21:22  
Operator : SM\AJ  
Sample : K3615-02MSD  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
HR-06-071719-AMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 19 23:39:01 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 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

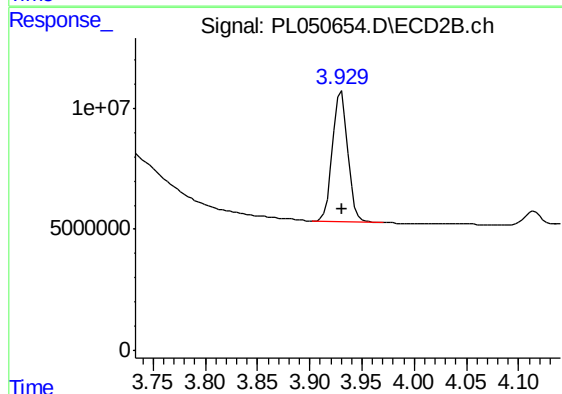




#1 Tetrachloro-m-xylene

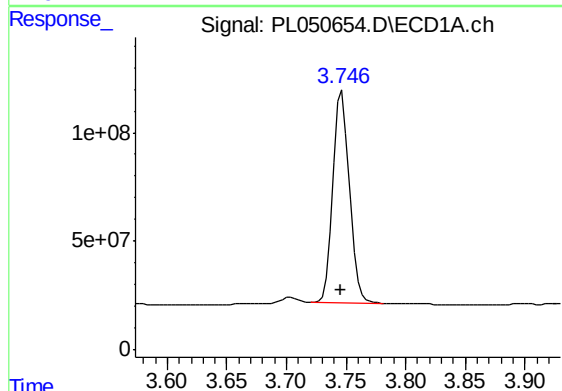
R.T.: 3.320 min  
Delta R.T.: 0.002 min  
Response: 176592449  
Conc: 17.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-06-071719-AMSD



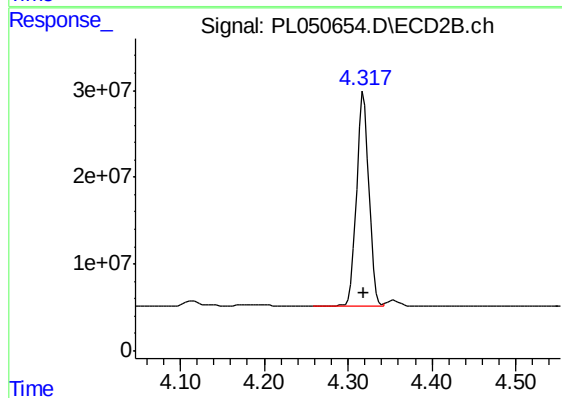
#1 Tetrachloro-m-xylene

R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 55129304  
Conc: 19.32 ng/ml



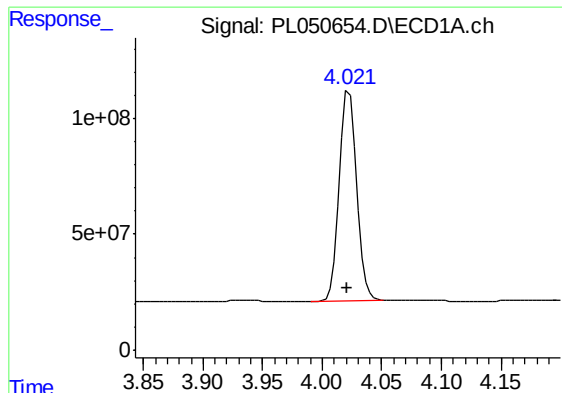
#2 alpha-BHC

R.T.: 3.747 min  
Delta R.T.: 0.001 min  
Response: 936231400  
Conc: 55.87 ng/ml



#2 alpha-BHC

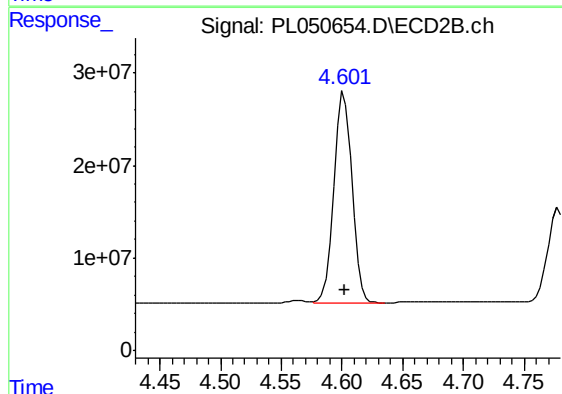
R.T.: 4.319 min  
Delta R.T.: 0.000 min  
Response: 251142443  
Conc: 60.87 ng/ml



#3 gamma-BHC (Lindane)

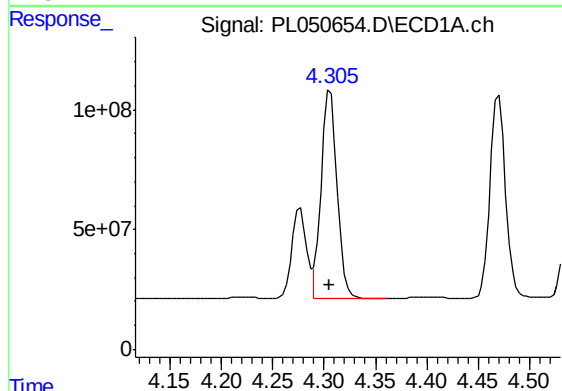
R.T.: 4.023 min  
Delta R.T.: 0.001 min  
Response: 898144214  
Conc: 58.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-06-071719-AMSD



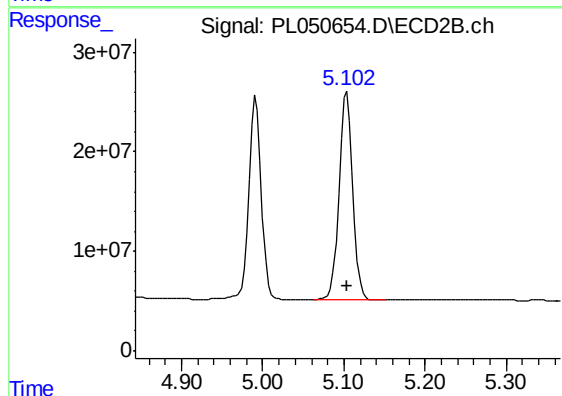
#3 gamma-BHC (Lindane)

R.T.: 4.602 min  
Delta R.T.: 0.000 min  
Response: 236573110  
Conc: 61.08 ng/ml



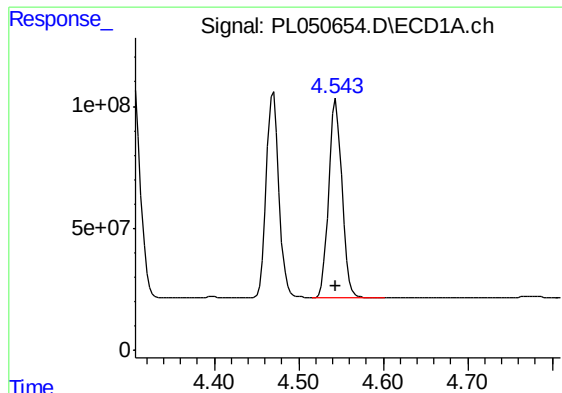
#4 Heptachlor

R.T.: 4.306 min  
Delta R.T.: 0.000 min  
Response: 944973415  
Conc: 57.59 ng/ml



#4 Heptachlor

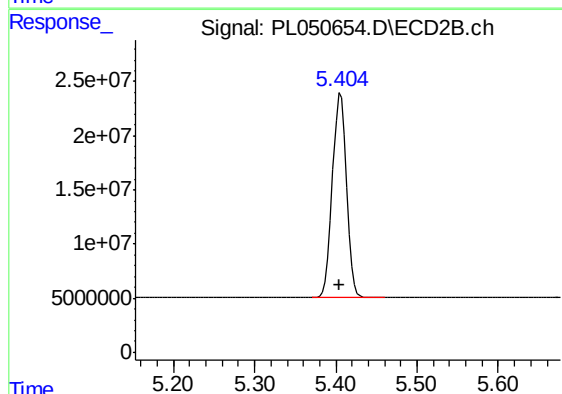
R.T.: 5.104 min  
Delta R.T.: 0.000 min  
Response: 247663184  
Conc: 59.73 ng/ml



#5 Aldrin

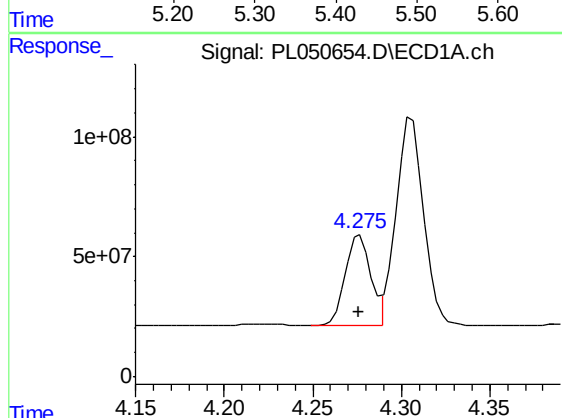
R.T.: 4.544 min  
Delta R.T.: 0.001 min  
Response: 895810027  
Conc: 57.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-06-071719-AMSD



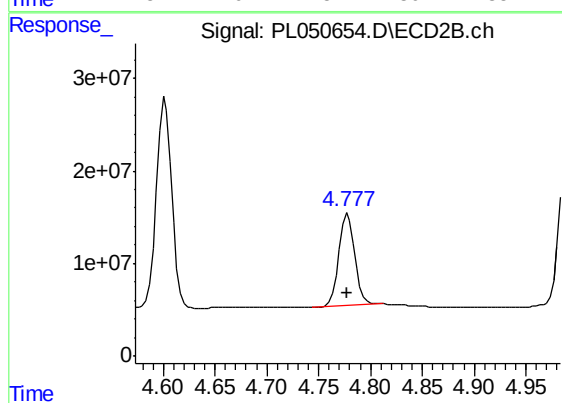
#5 Aldrin

R.T.: 5.406 min  
Delta R.T.: 0.000 min  
Response: 227862407  
Conc: 60.47 ng/ml



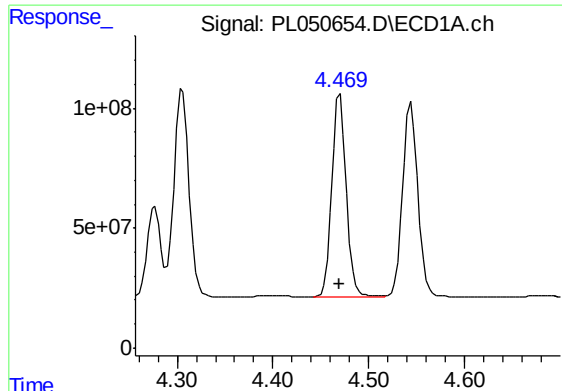
#6 beta-BHC

R.T.: 4.277 min  
Delta R.T.: 0.000 min  
Response: 372128884  
Conc: 56.76 ng/ml



#6 beta-BHC

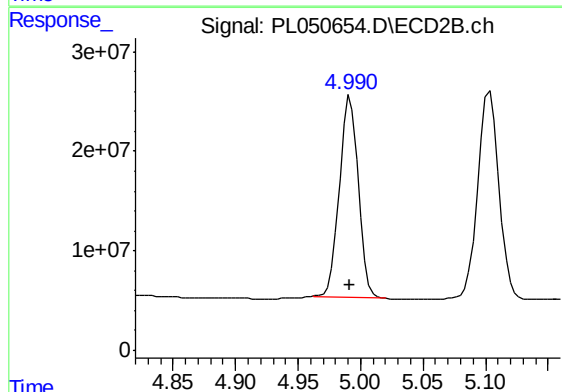
R.T.: 4.778 min  
Delta R.T.: 0.000 min  
Response: 106946623  
Conc: 61.86 ng/ml



#7 delta-BHC

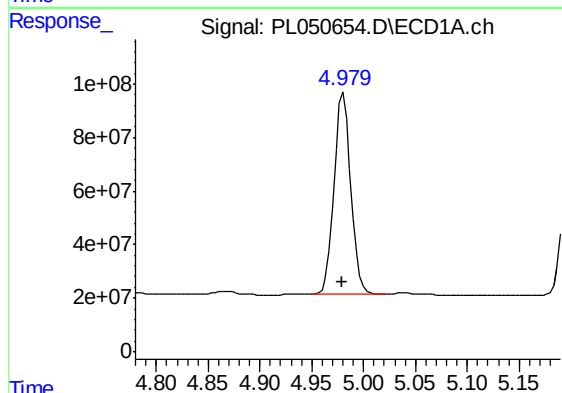
R.T.: 4.470 min  
Delta R.T.: 0.001 min  
Response: 881427188  
Conc: 53.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-06-071719-AMSD



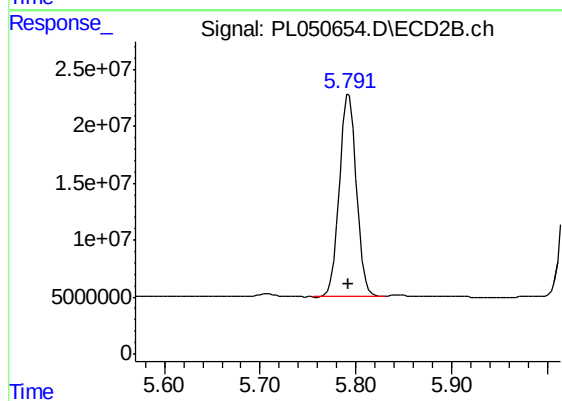
#7 delta-BHC

R.T.: 4.992 min  
Delta R.T.: 0.000 min  
Response: 212547985  
Conc: 54.96 ng/ml



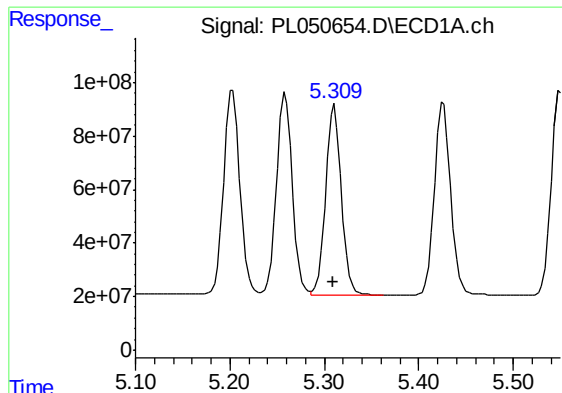
#8 Heptachlor epoxide

R.T.: 4.981 min  
Delta R.T.: 0.001 min  
Response: 852476684  
Conc: 57.70 ng/ml



#8 Heptachlor epoxide

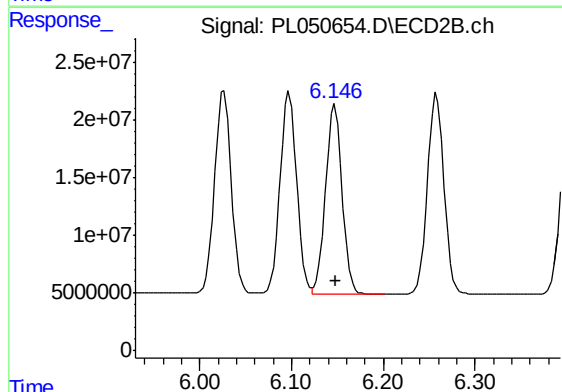
R.T.: 5.793 min  
Delta R.T.: 0.000 min  
Response: 219012902  
Conc: 57.26 ng/ml



#9 Endosulfan I

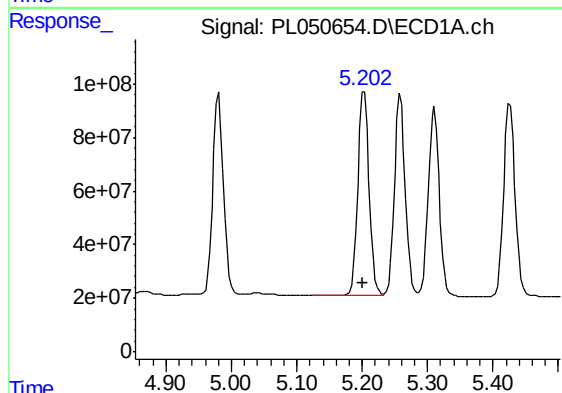
R.T.: 5.311 min  
Delta R.T.: 0.000 min  
Response: 828733455  
Conc: 56.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-06-071719-AMSD



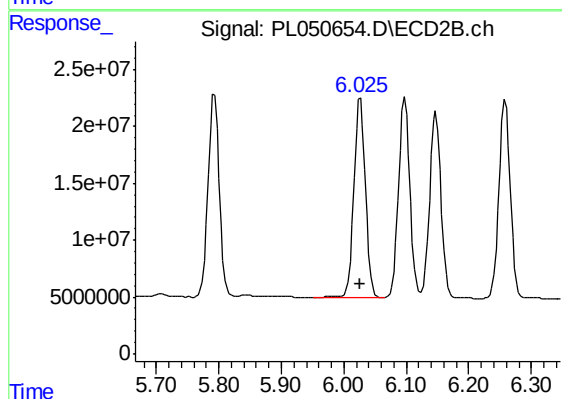
#9 Endosulfan I

R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 207044296  
Conc: 60.21 ng/ml



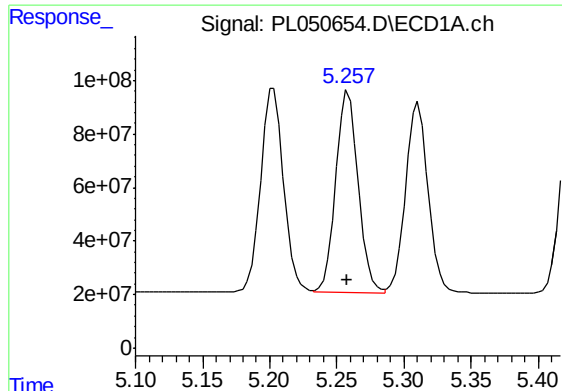
#10 gamma-Chlordane

R.T.: 5.203 min  
Delta R.T.: 0.001 min  
Response: 903250004  
Conc: 57.23 ng/ml



#10 gamma-Chlordane

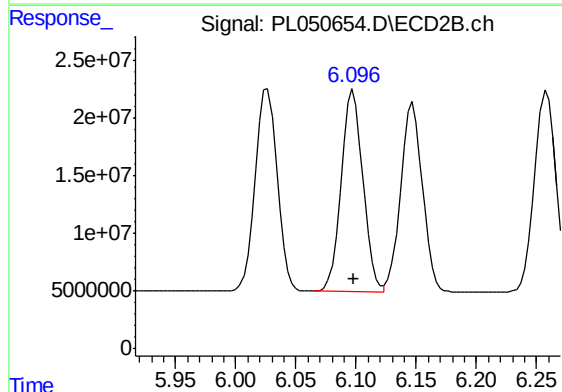
R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 224764109  
Conc: 60.82 ng/ml



#11 alpha-Chlordane

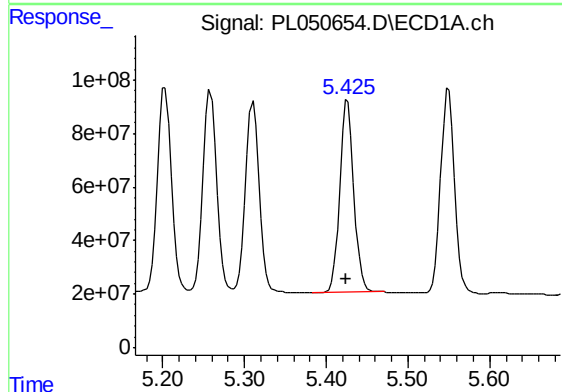
R.T.: 5.259 min  
Delta R.T.: 0.001 min  
Response: 874965180  
Conc: 57.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-06-071719-AMSD



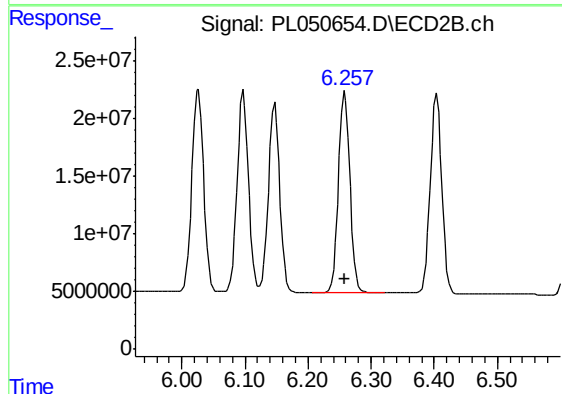
#11 alpha-Chlordane

R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 220763632  
Conc: 60.23 ng/ml



#12 4,4'-DDE

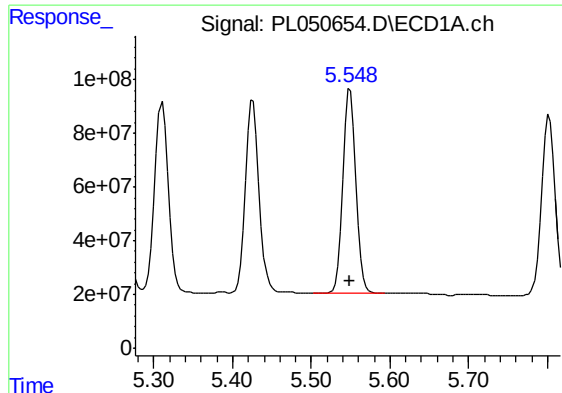
R.T.: 5.426 min  
Delta R.T.: 0.001 min  
Response: 864863992  
Conc: 57.71 ng/ml



#12 4,4'-DDE

R.T.: 6.259 min  
Delta R.T.: 0.000 min  
Response: 220036127  
Conc: 61.06 ng/ml

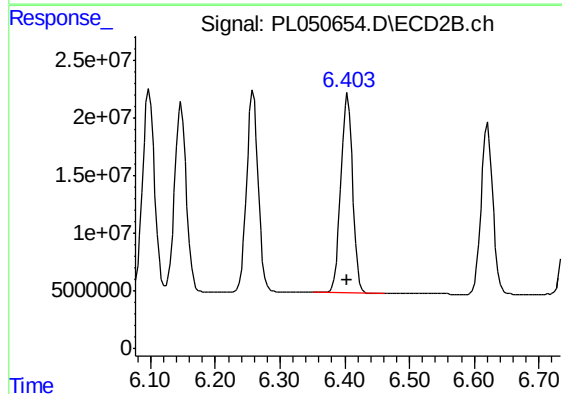




#13 Dielddrin

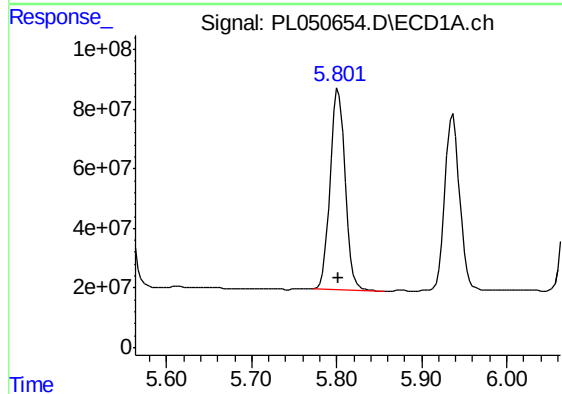
R.T.: 5.549 min  
Delta R.T.: 0.000 min  
Response: 901663353  
Conc: 58.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-06-071719-AMSD



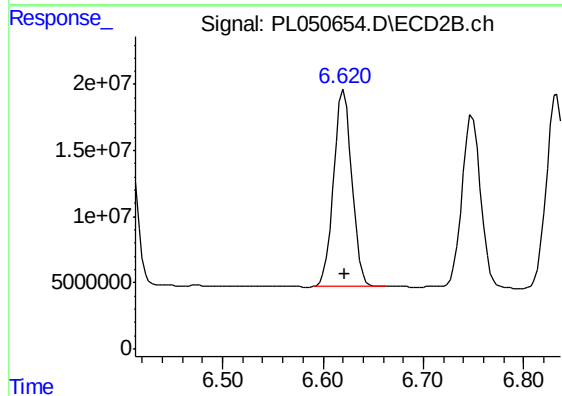
#13 Dielddrin

R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 216924134  
Conc: 61.26 ng/ml



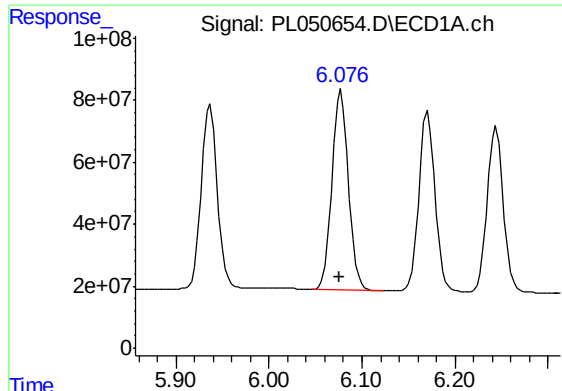
#14 Endrin

R.T.: 5.802 min  
Delta R.T.: 0.000 min  
Response: 835893609  
Conc: 56.78 ng/ml



#14 Endrin

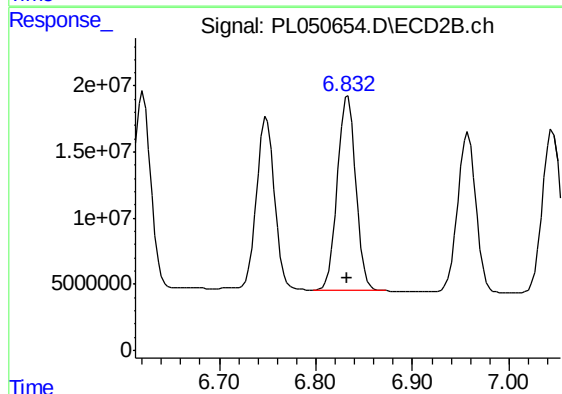
R.T.: 6.621 min  
Delta R.T.: 0.000 min  
Response: 187512033  
Conc: 60.46 ng/ml



#15 Endosulfan II

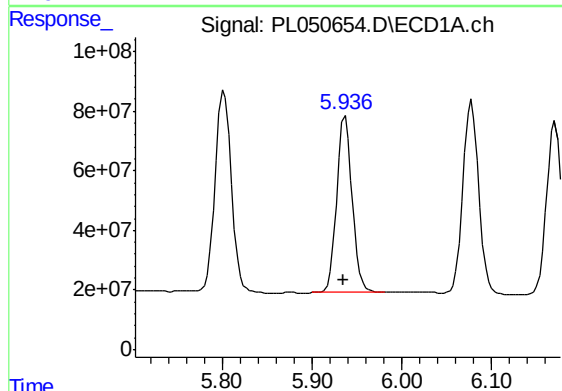
R.T.: 6.078 min  
Delta R.T.: 0.002 min  
Response: 795064085  
Conc: 56.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-06-071719-AMSD



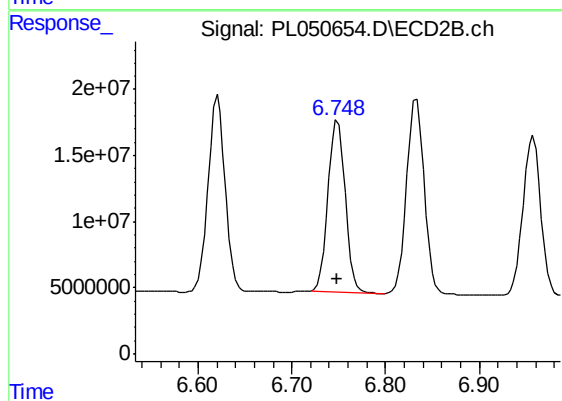
#15 Endosulfan II

R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 191664758  
Conc: 60.29 ng/ml



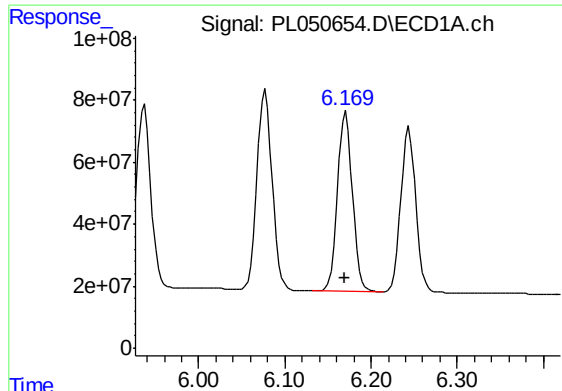
#16 4,4'-DDD

R.T.: 5.937 min  
Delta R.T.: 0.002 min  
Response: 710458336  
Conc: 59.28 ng/ml



#16 4,4'-DDD

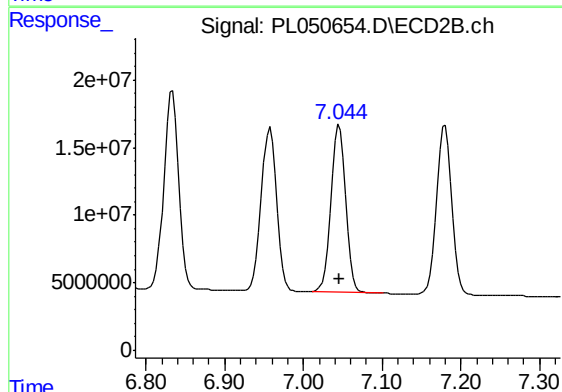
R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 166796941  
Conc: 62.64 ng/ml



#17 4,4'-DDT

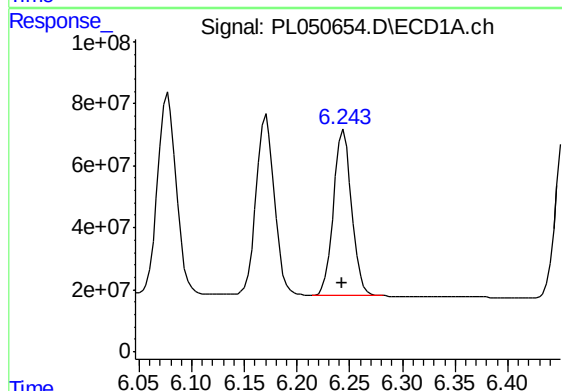
R.T.: 6.171 min  
Delta R.T.: 0.001 min  
Response: 697449435  
Conc: 56.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-06-071719-AMSD



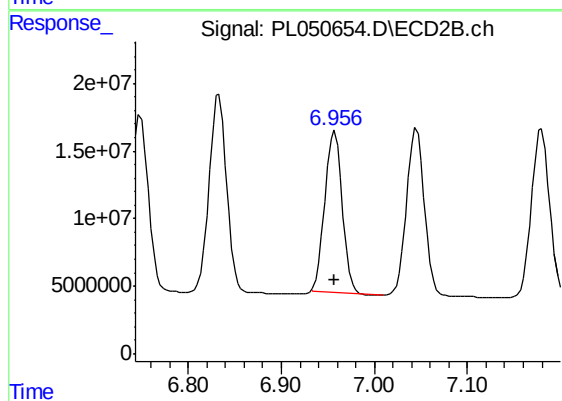
#17 4,4'-DDT

R.T.: 7.045 min  
Delta R.T.: 0.000 min  
Response: 164568121  
Conc: 60.96 ng/ml



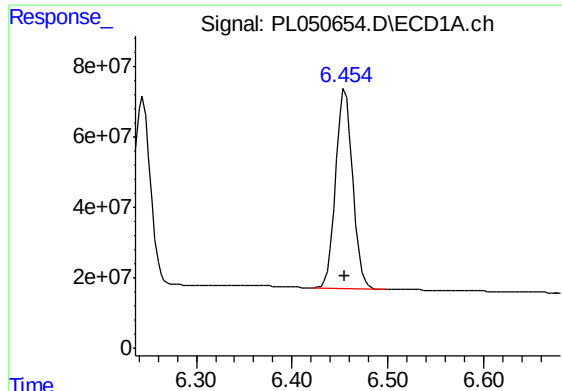
#18 Endrin aldehyde

R.T.: 6.244 min  
Delta R.T.: 0.002 min  
Response: 636938334  
Conc: 55.21 ng/ml



#18 Endrin aldehyde

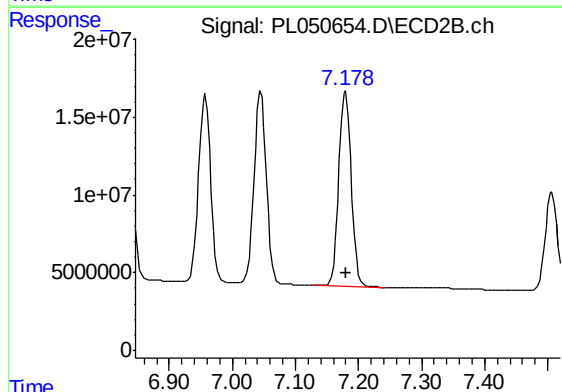
R.T.: 6.958 min  
Delta R.T.: 0.000 min  
Response: 153605848  
Conc: 56.52 ng/ml



#19 Endosulfan Sulfate

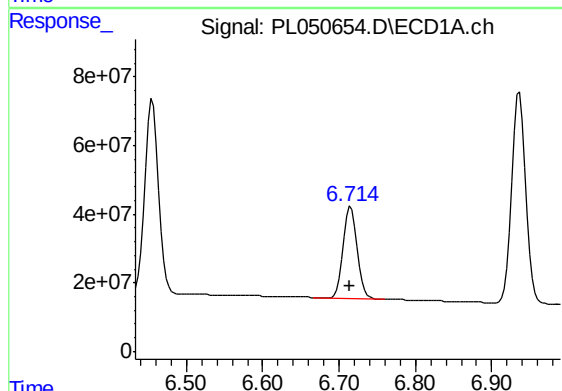
R.T.: 6.455 min  
Delta R.T.: 0.001 min  
Response: 697320109  
Conc: 54.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-06-071719-AMSD



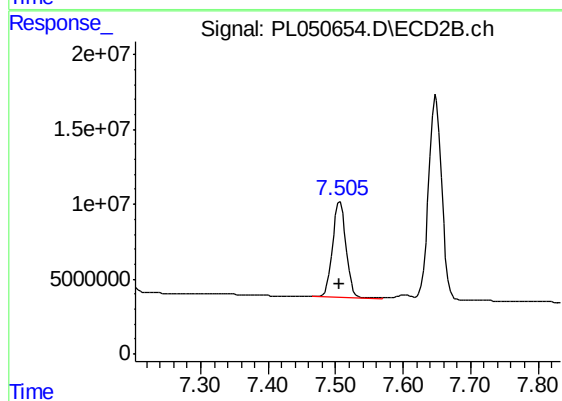
#19 Endosulfan Sulfate

R.T.: 7.180 min  
Delta R.T.: 0.000 min  
Response: 171625768  
Conc: 59.42 ng/ml



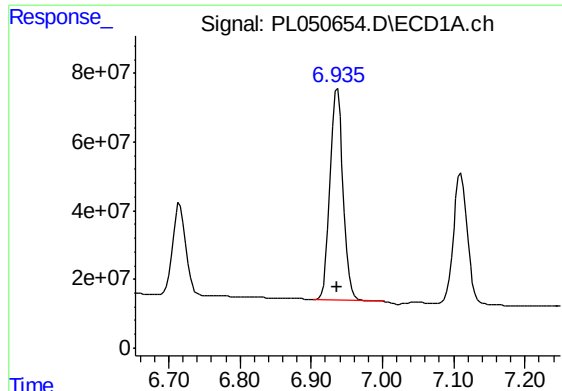
#20 Methoxychlor

R.T.: 6.715 min  
Delta R.T.: 0.001 min  
Response: 340069753  
Conc: 54.51 ng/ml



#20 Methoxychlor

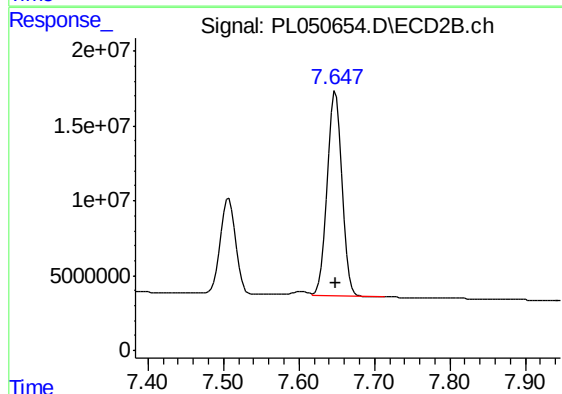
R.T.: 7.507 min  
Delta R.T.: 0.000 min  
Response: 89106324  
Conc: 60.73 ng/ml



#21 Endrin ketone

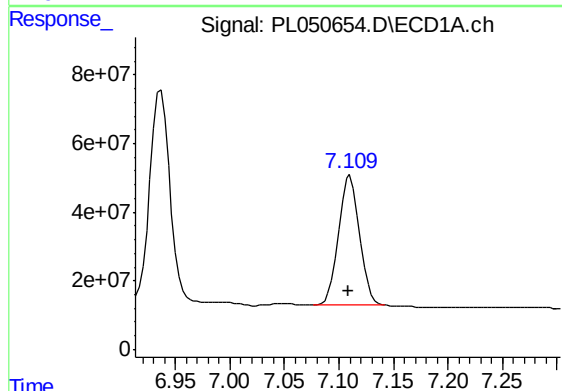
R.T.: 6.937 min  
Delta R.T.: 0.001 min  
Response: 784157343  
Conc: 57.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-06-071719-AMSD



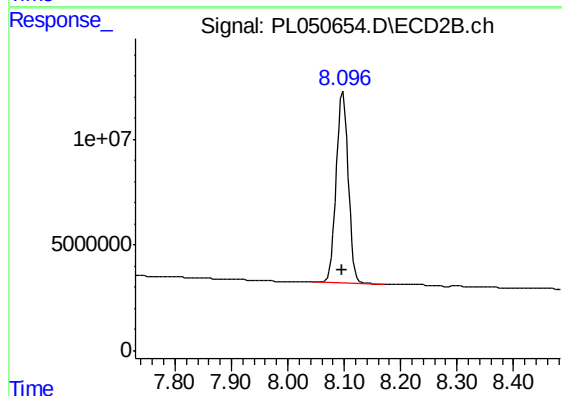
#21 Endrin ketone

R.T.: 7.649 min  
Delta R.T.: 0.000 min  
Response: 184599429  
Conc: 63.85 ng/ml



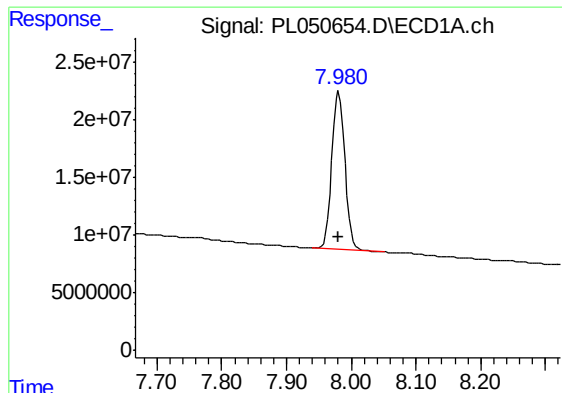
#22 Mirex

R.T.: 7.110 min  
Delta R.T.: 0.001 min  
Response: 504341535  
Conc: 51.44 ng/ml



#22 Mirex

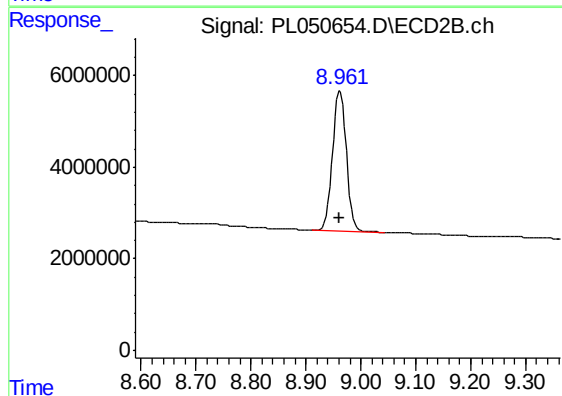
R.T.: 8.098 min  
Delta R.T.: 0.000 min  
Response: 132976709  
Conc: 57.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.981 min  
Delta R.T.: 0.000 min  
Response: 190918441  
Conc: 18.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HR-06-071719-AMSD



#28 Decachlorobiphenyl

R.T.: 8.962 min  
Delta R.T.: 0.000 min  
Response: 53964125  
Conc: 19.08 ng/ml