

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050819\  
 Data File : PL048254.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 May 2019 14:42  
 Operator : AJ\SJ  
 Sample : PB119535BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB119535BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 09 00:59:06 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 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... | 3.328 | 3.939  | 180.5E6 | 50274251 | 18.632   | 20.183     |
| 28)                         | SA Decachlor... | 7.996 | 8.975  | 183.3E6 | 46454005 | 18.227   | 17.501     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.756 | 4.328  | 850.9E6 | 205.8E6  | 55.012   | 58.602     |
| 3)                          | MA gamma-BHC... | 4.032 | 4.611  | 804.9E6 | 189.4E6  | 56.644   | 58.003     |
| 4)                          | MA Heptachlor   | 4.316 | 5.115  | 819.0E6 | 194.0E6  | 55.667   | 56.037     |
| 5)                          | MB Aldrin       | 4.555 | 5.417  | 787.3E6 | 183.9E6  | 57.463   | 59.385     |
| 6)                          | B beta-BHC      | 4.285 | 4.785  | 324.6E6 | 82291343 | 55.008   | 52.886     |
| 7)                          | B delta-BHC     | 4.479 | 5.000  | 729.5E6 | 157.3E6  | 51.670   | 55.622     |
| 8)                          | B Heptachlor... | 4.992 | 5.804  | 703.7E6 | 165.9E6  | 54.614   | 56.869     |
| 9)                          | A Endosulfan I  | 5.322 | 6.159  | 666.7E6 | 154.1E6  | 55.416   | 54.512     |
| 10)                         | B gamma-Chl...  | 5.214 | 6.038  | 752.7E6 | 169.2E6  | 56.370   | 54.953     |
| 11)                         | B alpha-Chl...  | 5.270 | 6.110  | 719.2E6 | 167.2E6  | 55.012   | 54.498     |
| 12)                         | B 4,4'-DDE      | 5.438 | 6.269  | 661.6E6 | 158.4E6  | 52.154   | 57.374     |
| 13)                         | MA Dieldrin     | 5.562 | 6.415  | 737.4E6 | 164.2E6  | 56.635   | 55.975     |
| 14)                         | MA Endrin       | 5.814 | 6.633  | 637.8E6 | 132.6E6  | 52.391   | 50.846     |
| 15)                         | B Endosulfa...  | 6.089 | 6.843  | 603.6E6 | 139.6E6  | 52.303   | 51.773     |
| 16)                         | A 4,4'-DDD      | 5.949 | 6.759  | 553.7E6 | 129.9E6  | 56.878   | 57.892     |
| 17)                         | MA 4,4'-DDT     | 6.184 | 7.056  | 540.7E6 | 120.3E6  | 53.822   | 51.282     |
| 18)                         | B Endrin al...  | 6.256 | 6.967  | 523.1E6 | 119.1E6  | 53.826   | 50.805     |
| 19)                         | B Endosulfa...  | 6.467 | 7.190  | 564.6E6 | 134.2E6  | 52.604   | 51.843     |
| 20)                         | A Methoxychlor  | 6.728 | 7.516  | 274.8E6 | 64118151 | 50.462   | 46.967     |
| 21)                         | B Endrin ke...  | 6.949 | 7.658  | 621.9E6 | 143.5E6  | 53.359   | 54.923     |
| 22)                         | Mirex           | 7.124 | 8.109  | 438.0E6 | 106.3E6  | 48.864   | 50.383     |
| 24)                         | Chlordane-2     | 0.000 | 5.417f | 0       | 183.9E6  | N.D.     | 1421.804 # |
| 25)                         | Chlordane-3     | 5.214 | 6.038  | 752.7E6 | 169.2E6  | 478.024  | 386.057    |
| 26)                         | Chlordane-4     | 5.270 | 6.110  | 719.2E6 | 167.2E6  | 495.379  | 318.748 #  |
| 27)                         | Chlordane-5     | 6.089 | 0.000  | 603.6E6 | 0        | 1285.476 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

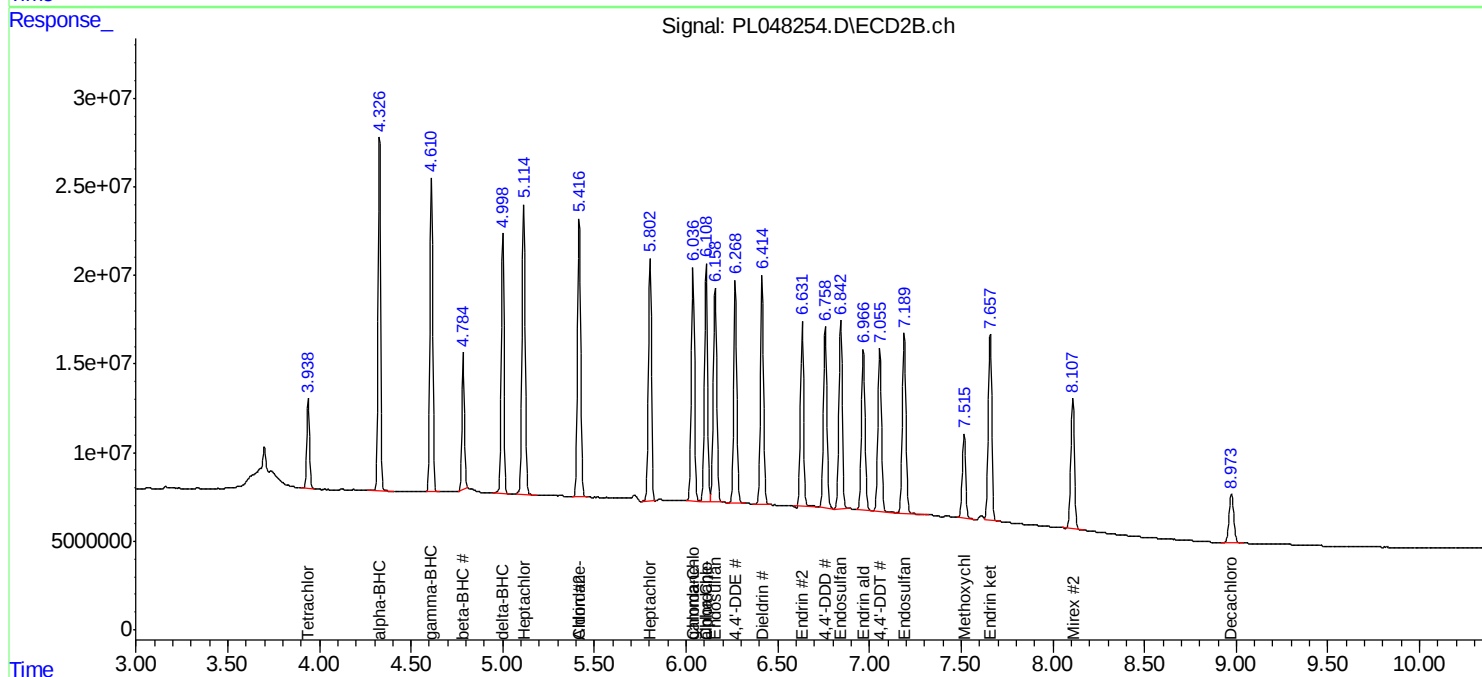
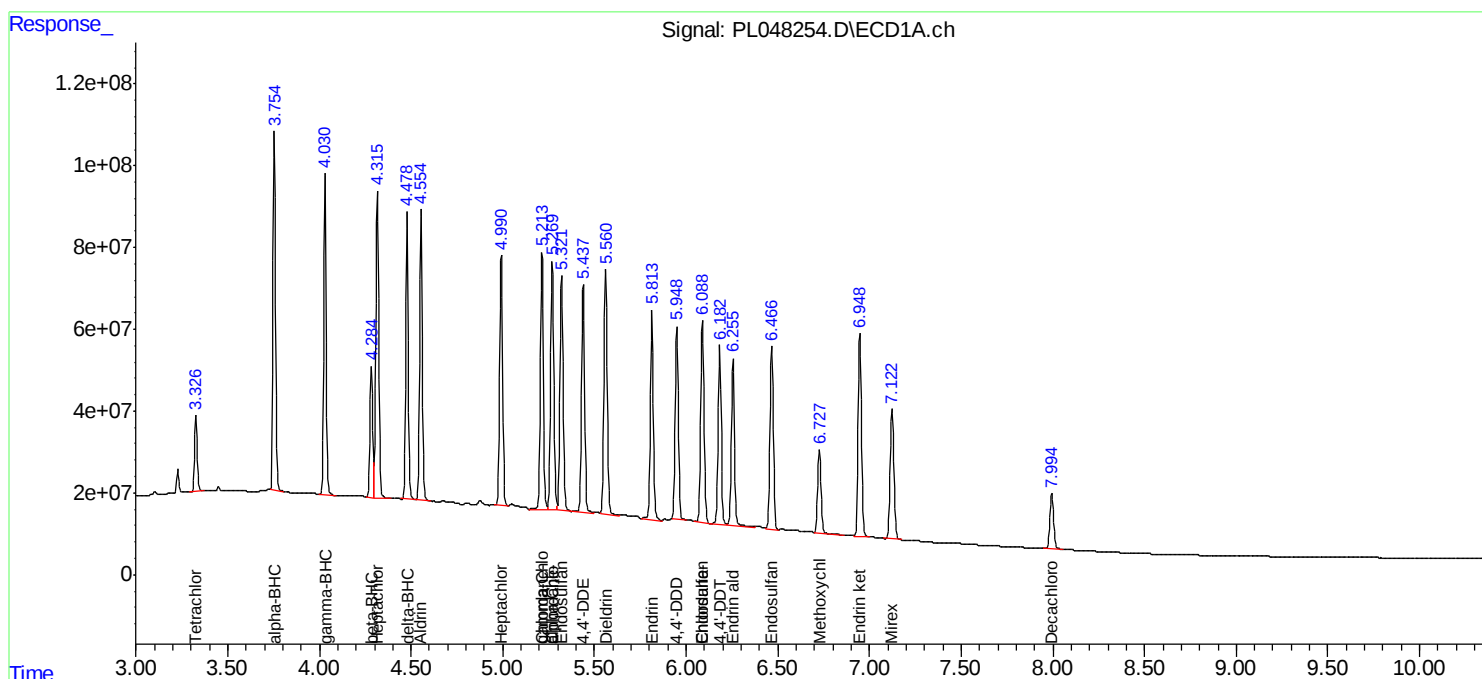
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

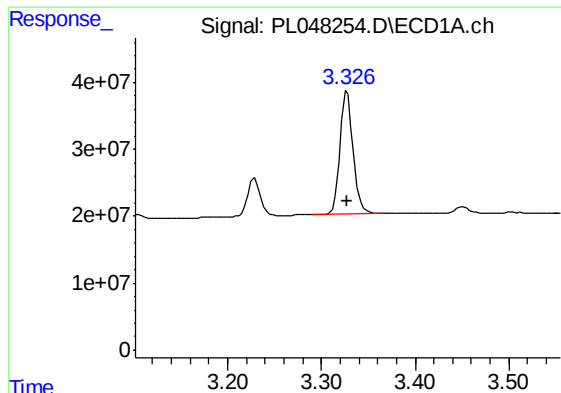
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050819\  
Data File : PL048254.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 May 2019 14:42  
Operator : AJ\SJ  
Sample : PB119535BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 09 00:59:06 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
Quant Title : GC Extractables  
QLast Update : Thu May 02 09:36:55 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

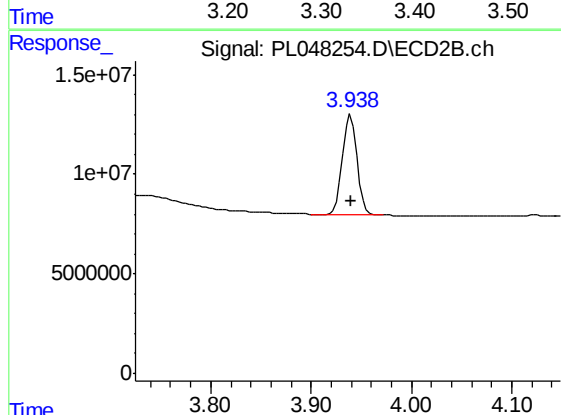




#1 Tetrachloro-m-xylene

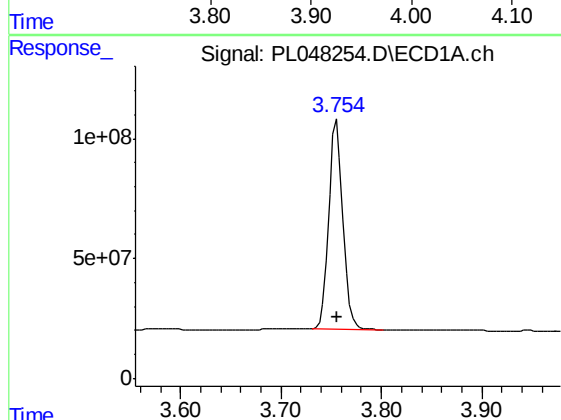
R.T.: 3.328 min  
Delta R.T.: 0.000 min  
Response: 180489646  
Conc: 18.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



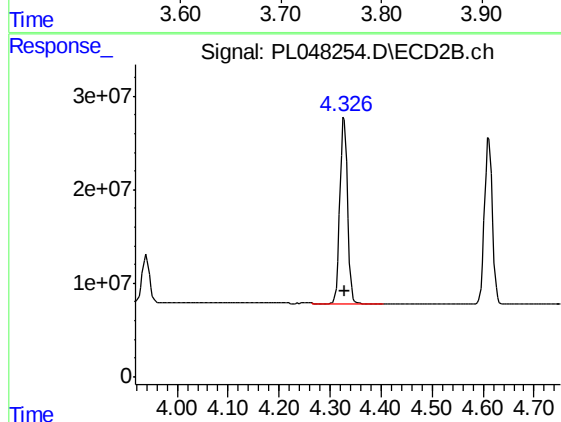
#1 Tetrachloro-m-xylene

R.T.: 3.939 min  
Delta R.T.: 0.000 min  
Response: 50274251  
Conc: 20.18 ng/ml



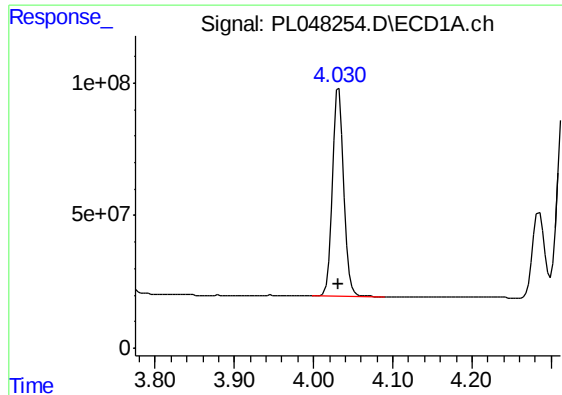
#2 alpha-BHC

R.T.: 3.756 min  
Delta R.T.: 0.000 min  
Response: 850898041  
Conc: 55.01 ng/ml



#2 alpha-BHC

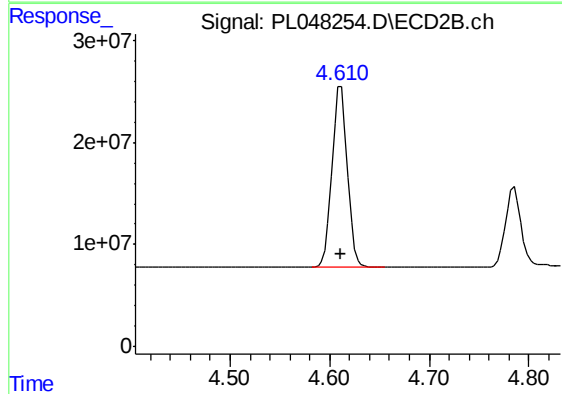
R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 205811426  
Conc: 58.60 ng/ml



#3 gamma-BHC (Lindane)

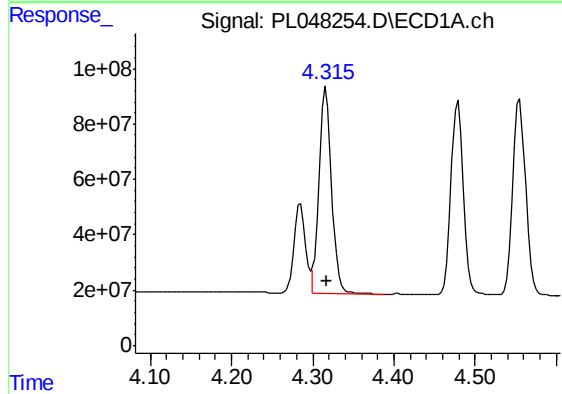
R.T.: 4.032 min  
Delta R.T.: 0.000 min  
Response: 804862168  
Conc: 56.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



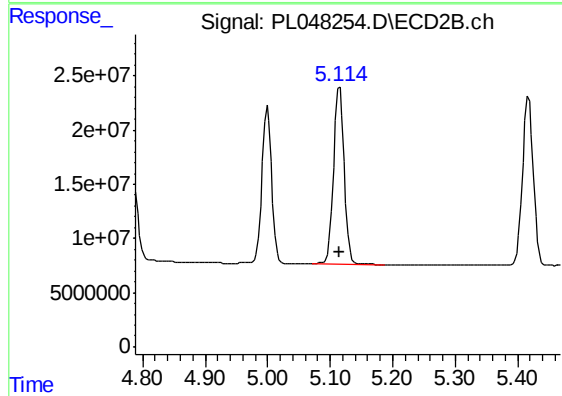
#3 gamma-BHC (Lindane)

R.T.: 4.611 min  
Delta R.T.: 0.000 min  
Response: 189447961  
Conc: 58.00 ng/ml



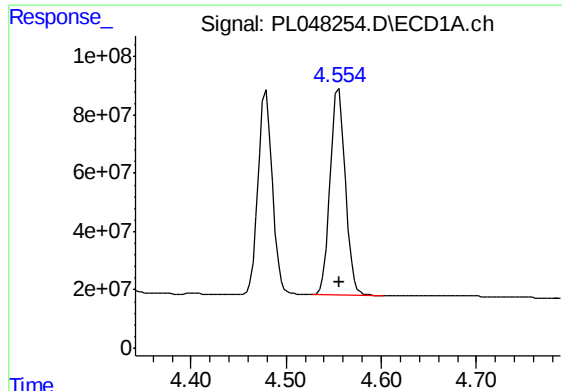
#4 Heptachlor

R.T.: 4.316 min  
Delta R.T.: 0.000 min  
Response: 818969050  
Conc: 55.67 ng/ml



#4 Heptachlor

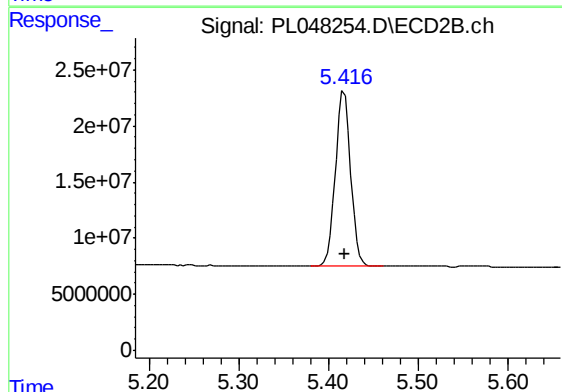
R.T.: 5.115 min  
Delta R.T.: 0.000 min  
Response: 193989837  
Conc: 56.04 ng/ml



#5 Aldrin

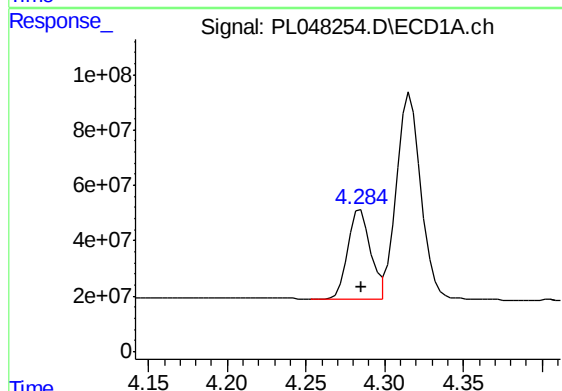
R.T.: 4.555 min  
Delta R.T.: 0.000 min  
Response: 787327194  
Conc: 57.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



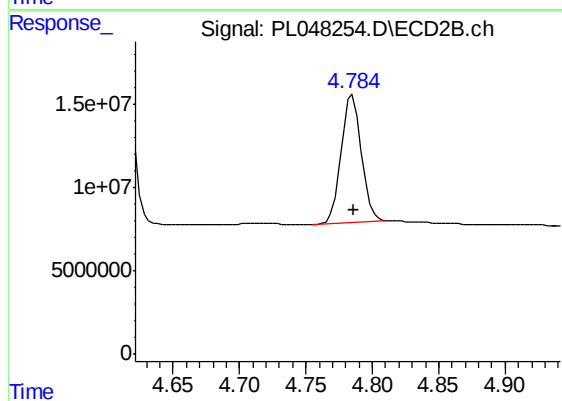
#5 Aldrin

R.T.: 5.417 min  
Delta R.T.: 0.000 min  
Response: 183894397  
Conc: 59.39 ng/ml



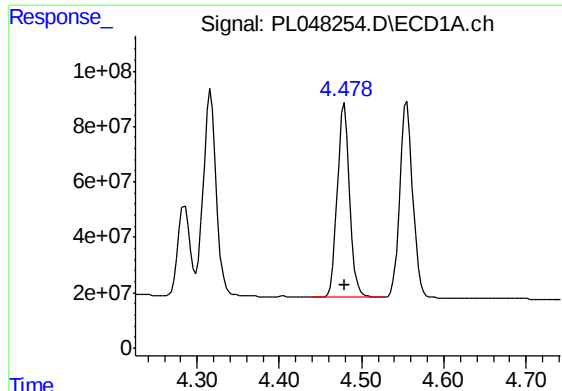
#6 beta-BHC

R.T.: 4.285 min  
Delta R.T.: 0.000 min  
Response: 324633816  
Conc: 55.01 ng/ml



#6 beta-BHC

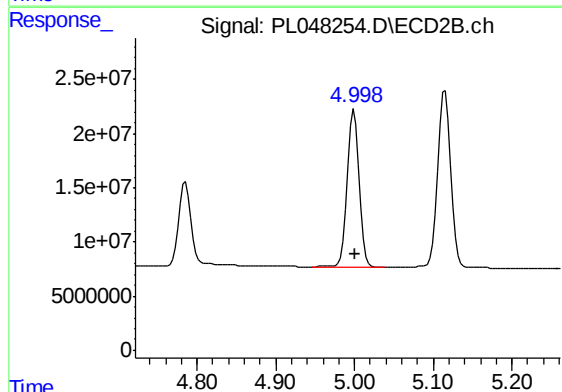
R.T.: 4.785 min  
Delta R.T.: 0.000 min  
Response: 82291343  
Conc: 52.89 ng/ml



#7 delta-BHC

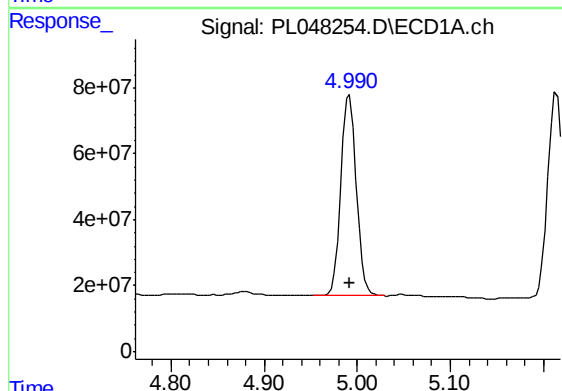
R.T.: 4.479 min  
Delta R.T.: 0.000 min  
Response: 729511253  
Conc: 51.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



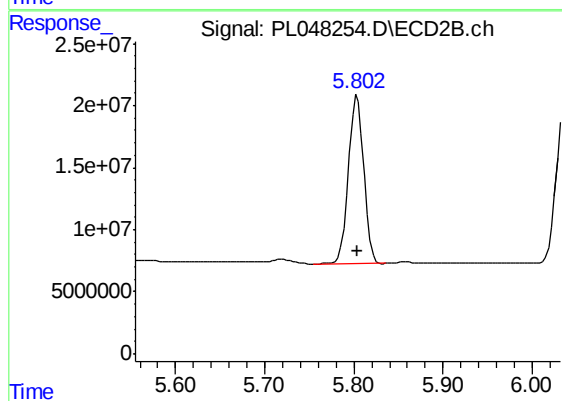
#7 delta-BHC

R.T.: 5.000 min  
Delta R.T.: 0.000 min  
Response: 157293702  
Conc: 55.62 ng/ml



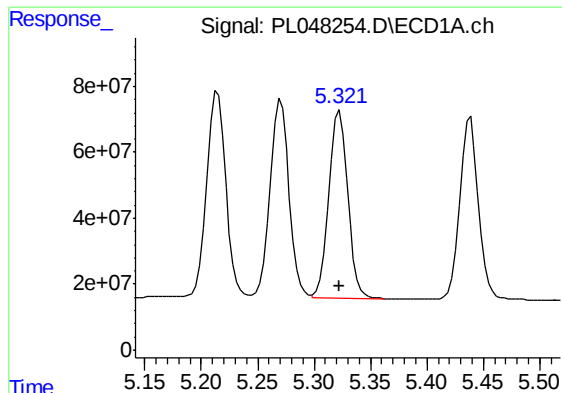
#8 Heptachlor epoxide

R.T.: 4.992 min  
Delta R.T.: 0.000 min  
Response: 703679499  
Conc: 54.61 ng/ml



#8 Heptachlor epoxide

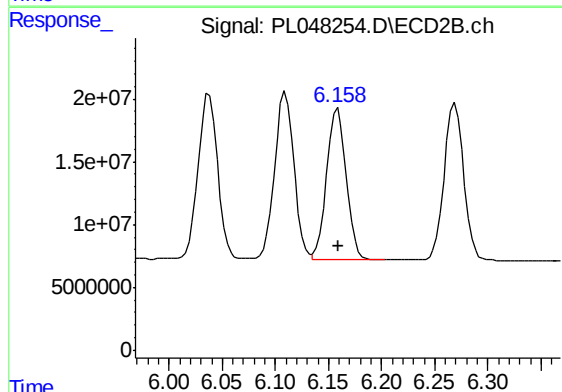
R.T.: 5.804 min  
Delta R.T.: 0.000 min  
Response: 165870540  
Conc: 56.87 ng/ml



#9 Endosulfan I

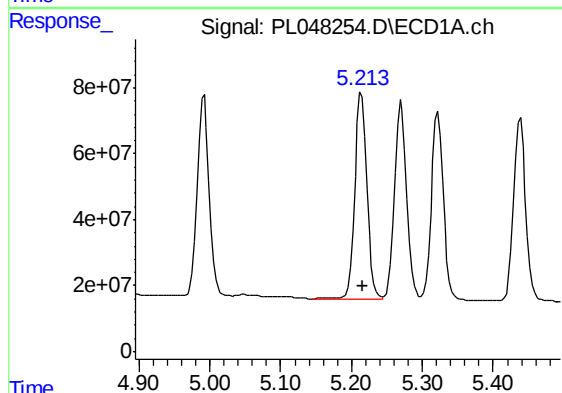
R.T.: 5.322 min  
Delta R.T.: 0.000 min  
Response: 666651729  
Conc: 55.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



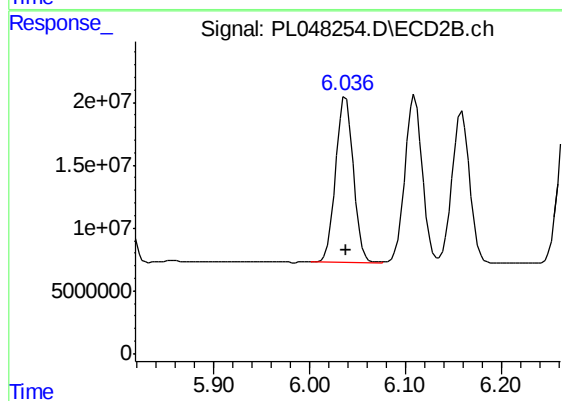
#9 Endosulfan I

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 154132368  
Conc: 54.51 ng/ml



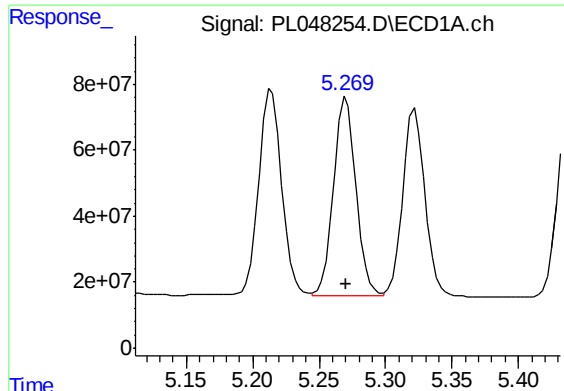
#10 gamma-Chlordane

R.T.: 5.214 min  
Delta R.T.: 0.000 min  
Response: 752676510  
Conc: 56.37 ng/ml



#10 gamma-Chlordane

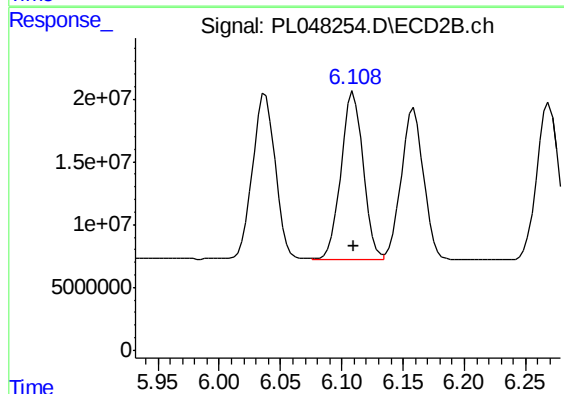
R.T.: 6.038 min  
Delta R.T.: 0.000 min  
Response: 169182013  
Conc: 54.95 ng/ml



#11 alpha-Chlordane

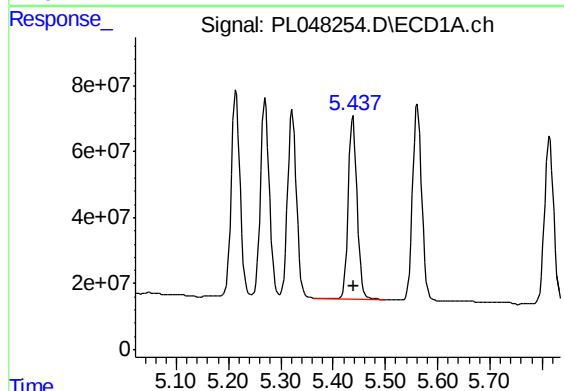
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 719202227  
Conc: 55.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



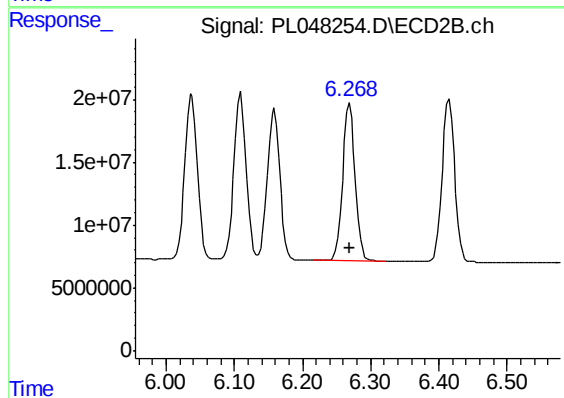
#11 alpha-Chlordane

R.T.: 6.110 min  
Delta R.T.: 0.000 min  
Response: 167215192  
Conc: 54.50 ng/ml



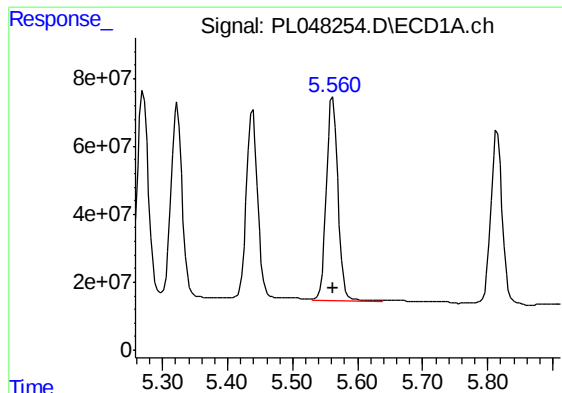
#12 4,4'-DDE

R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 661582342  
Conc: 52.15 ng/ml



#12 4,4'-DDE

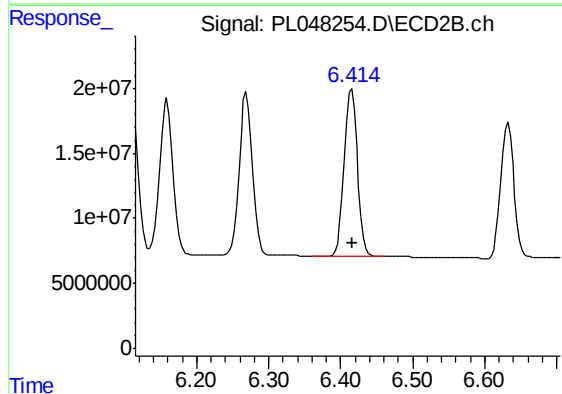
R.T.: 6.269 min  
Delta R.T.: 0.000 min  
Response: 158405159  
Conc: 57.37 ng/ml



#13 Dieldrin

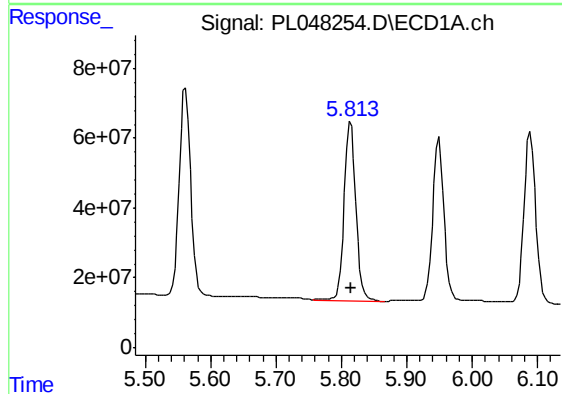
R.T.: 5.562 min  
Delta R.T.: 0.000 min  
Response: 737433168  
Conc: 56.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



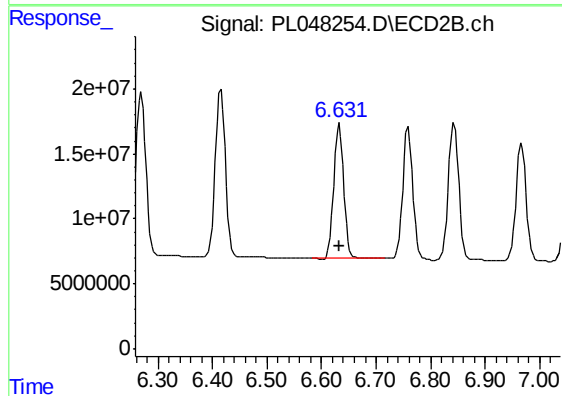
#13 Dieldrin

R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 164212402  
Conc: 55.98 ng/ml



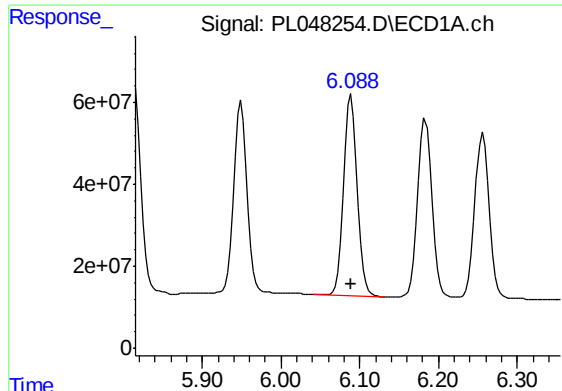
#14 Endrin

R.T.: 5.814 min  
Delta R.T.: 0.000 min  
Response: 637799176  
Conc: 52.39 ng/ml



#14 Endrin

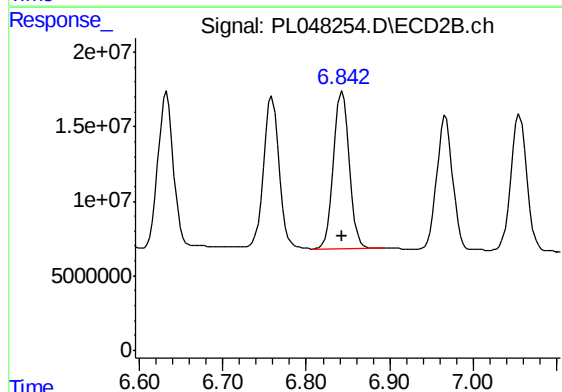
R.T.: 6.633 min  
Delta R.T.: 0.000 min  
Response: 132577105  
Conc: 50.85 ng/ml



#15 Endosulfan II

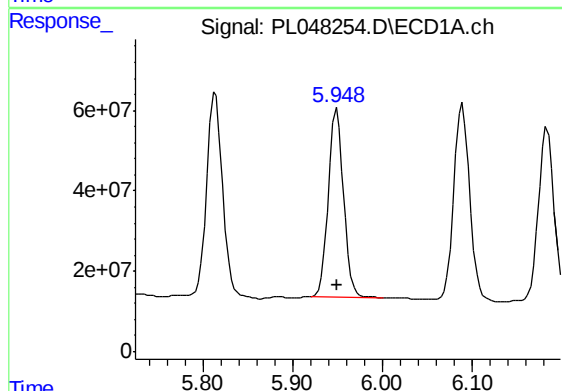
R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 603603273  
Conc: 52.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



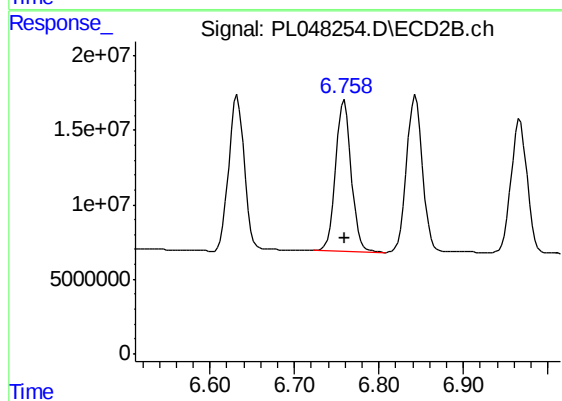
#15 Endosulfan II

R.T.: 6.843 min  
Delta R.T.: 0.000 min  
Response: 139610630  
Conc: 51.77 ng/ml



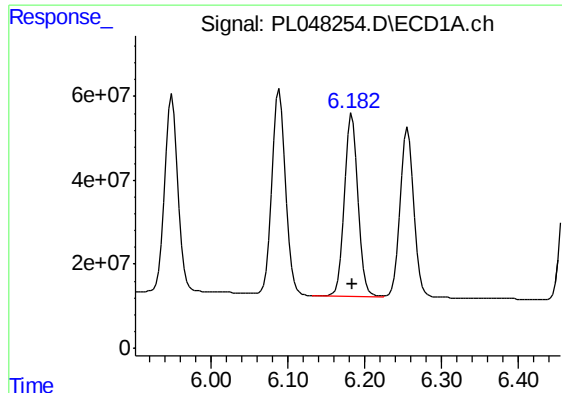
#16 4,4'-DDD

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 553655053  
Conc: 56.88 ng/ml



#16 4,4'-DDD

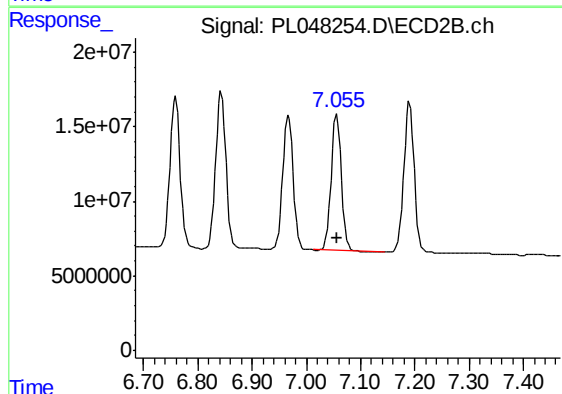
R.T.: 6.759 min  
Delta R.T.: 0.000 min  
Response: 129912234  
Conc: 57.89 ng/ml



#17 4,4'-DDT

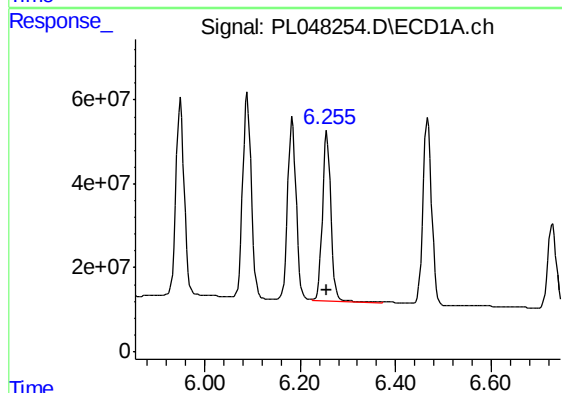
R.T.: 6.184 min  
Delta R.T.: 0.000 min  
Response: 540720018  
Conc: 53.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



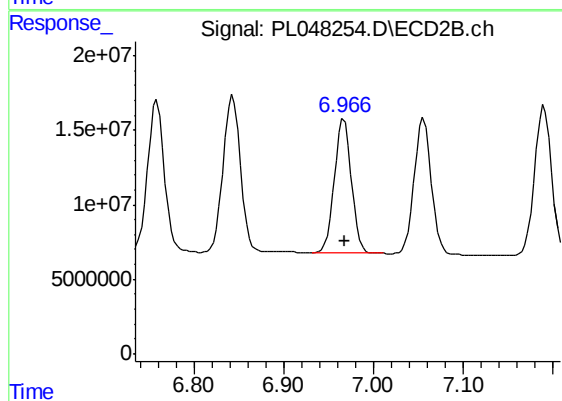
#17 4,4'-DDT

R.T.: 7.056 min  
Delta R.T.: 0.000 min  
Response: 120338854  
Conc: 51.28 ng/ml



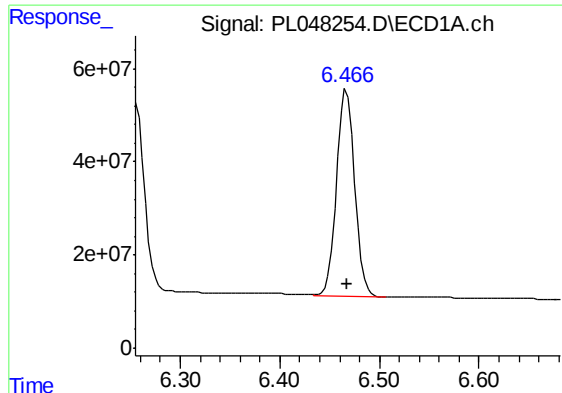
#18 Endrin aldehyde

R.T.: 6.256 min  
Delta R.T.: 0.000 min  
Response: 523095453  
Conc: 53.83 ng/ml



#18 Endrin aldehyde

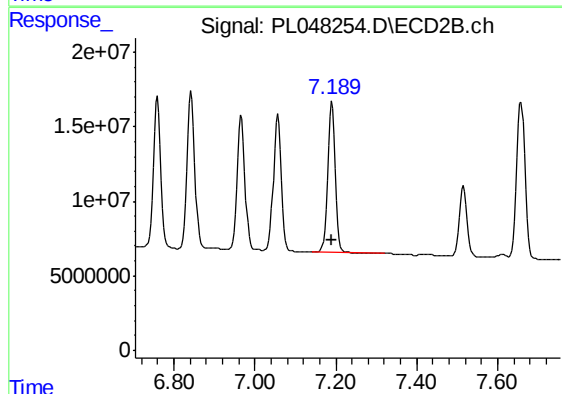
R.T.: 6.967 min  
Delta R.T.: 0.000 min  
Response: 119059154  
Conc: 50.80 ng/ml



#19 Endosulfan Sulfate

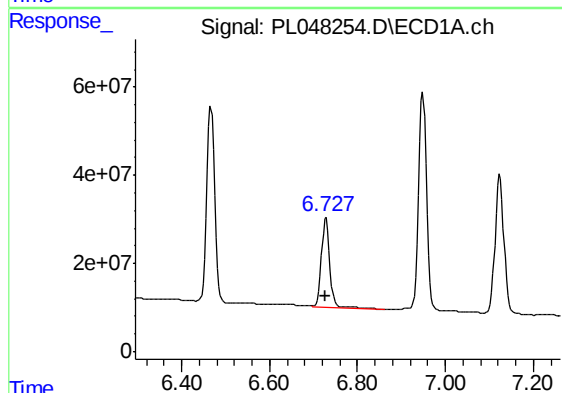
R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 564584710  
Conc: 52.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



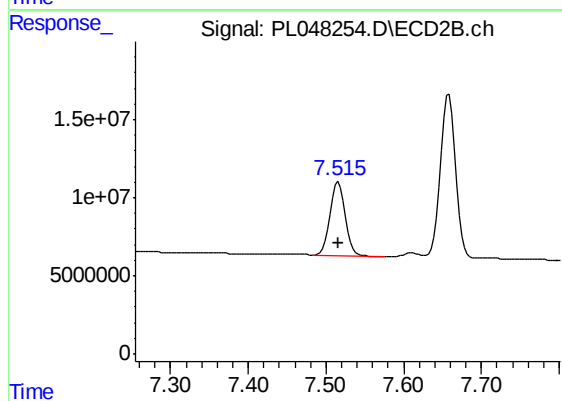
#19 Endosulfan Sulfate

R.T.: 7.190 min  
Delta R.T.: 0.000 min  
Response: 134181429  
Conc: 51.84 ng/ml



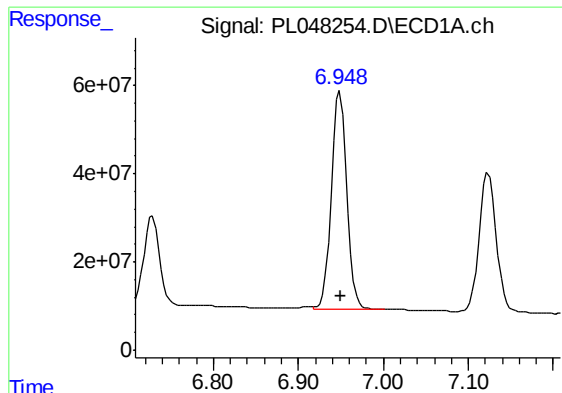
#20 Methoxychlor

R.T.: 6.728 min  
Delta R.T.: 0.000 min  
Response: 274750522  
Conc: 50.46 ng/ml



#20 Methoxychlor

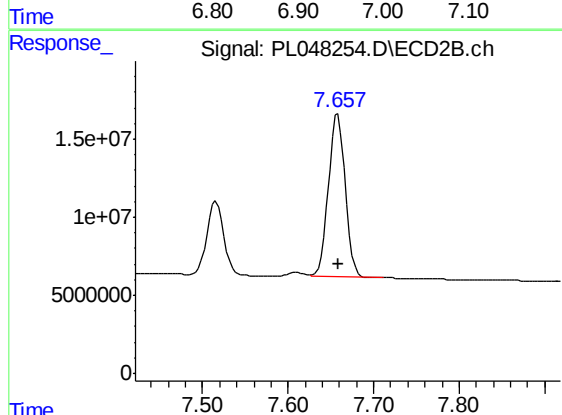
R.T.: 7.516 min  
Delta R.T.: 0.000 min  
Response: 64118151  
Conc: 46.97 ng/ml



#21 Endrin ketone

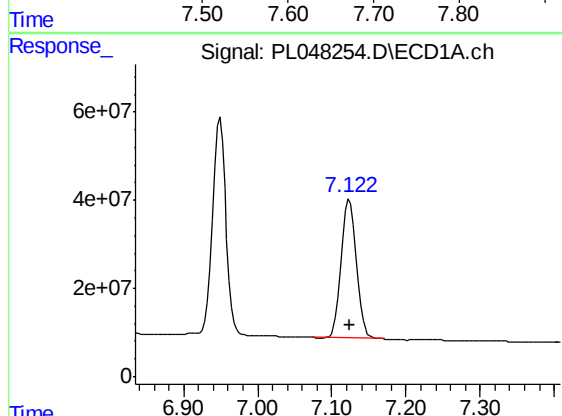
R.T.: 6.949 min  
Delta R.T.: 0.000 min  
Response: 621896234  
Conc: 53.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



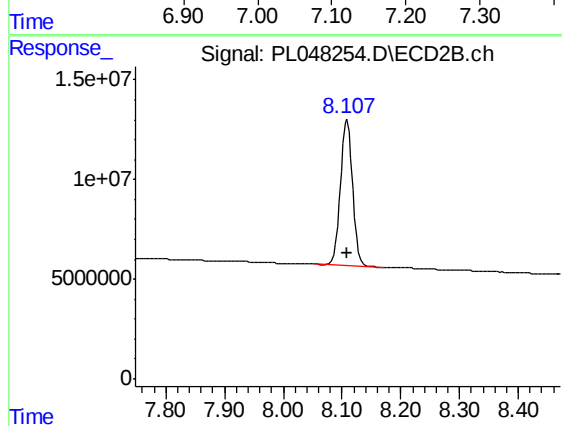
#21 Endrin ketone

R.T.: 7.658 min  
Delta R.T.: 0.000 min  
Response: 143502608  
Conc: 54.92 ng/ml



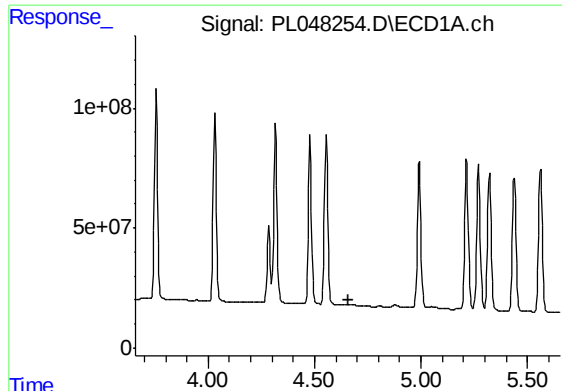
#22 Mirex

R.T.: 7.124 min  
Delta R.T.: 0.000 min  
Response: 438009781  
Conc: 48.86 ng/ml



#22 Mirex

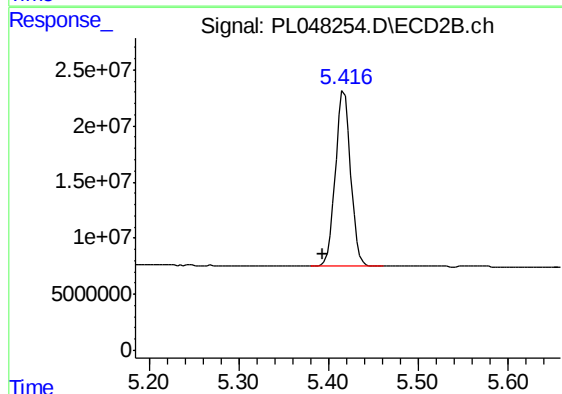
R.T.: 8.109 min  
Delta R.T.: 0.000 min  
Response: 106252082  
Conc: 50.38 ng/ml



#24 Chlordane-2

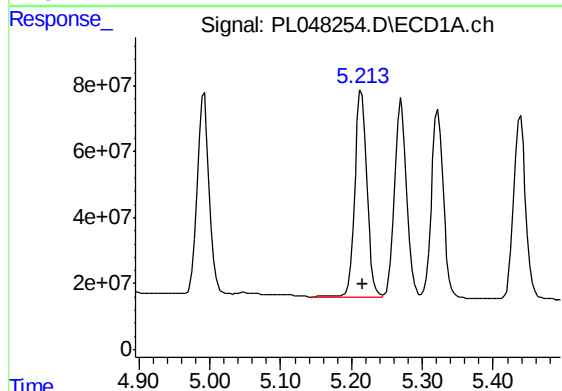
R.T.: 0.000 min  
Exp R.T.: 4.658 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



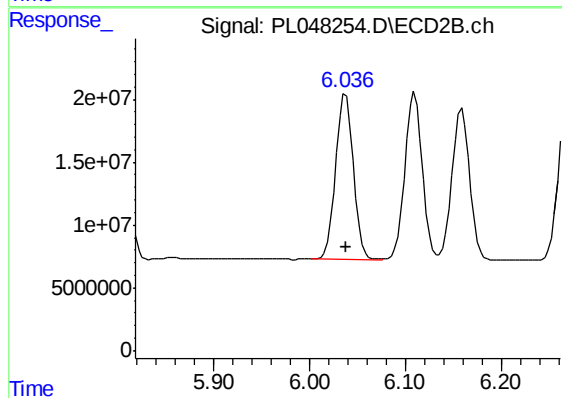
#24 Chlordane-2

R.T.: 5.417 min  
Delta R.T.: 0.024 min  
Response: 183894397  
Conc: 1421.80 ng/ml



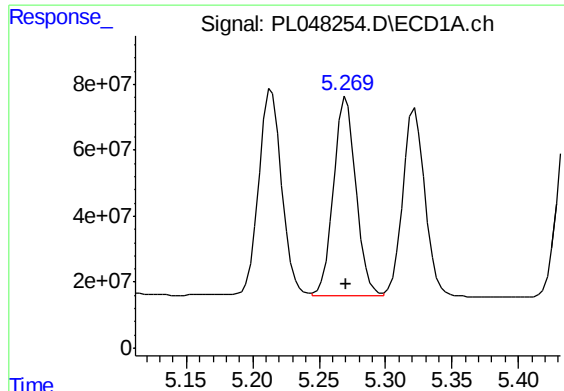
#25 Chlordane-3

R.T.: 5.214 min  
Delta R.T.: -0.001 min  
Response: 752676510  
Conc: 478.02 ng/ml



#25 Chlordane-3

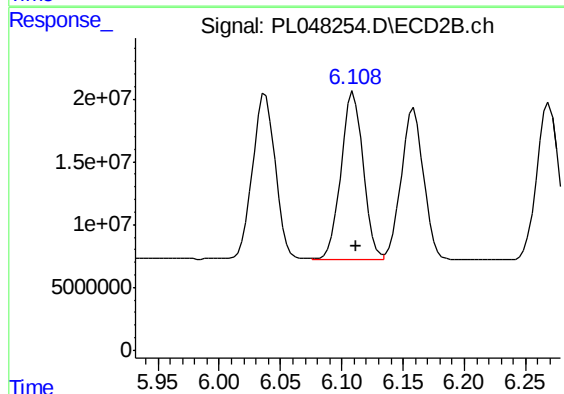
R.T.: 6.038 min  
Delta R.T.: 0.000 min  
Response: 169182013  
Conc: 386.06 ng/ml



#26 Chlordane-4

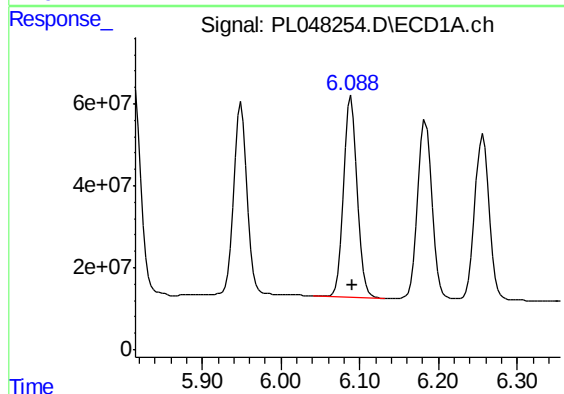
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 719202227  
Conc: 495.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



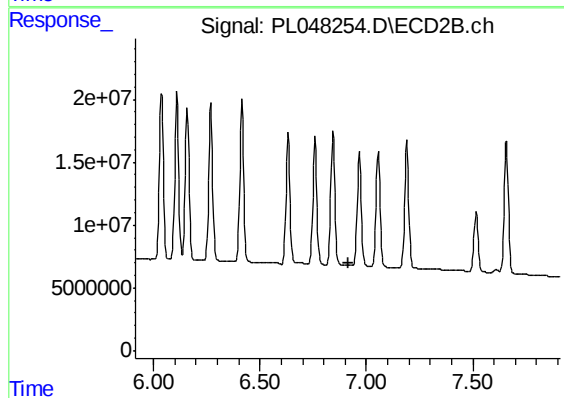
#26 Chlordane-4

R.T.: 6.110 min  
Delta R.T.: -0.002 min  
Response: 167215192  
Conc: 318.75 ng/ml



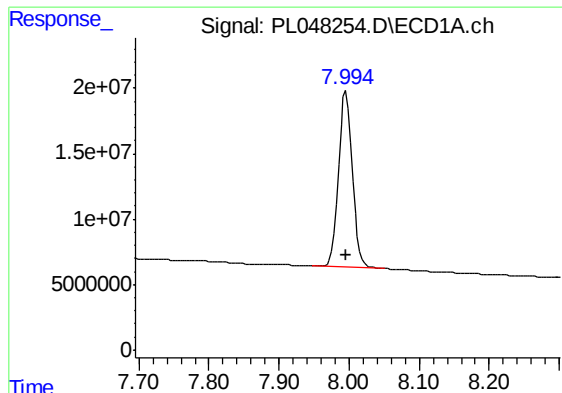
#27 Chlordane-5

R.T.: 6.089 min  
Delta R.T.: -0.002 min  
Response: 603603273  
Conc: 1285.48 ng/ml



#27 Chlordane-5

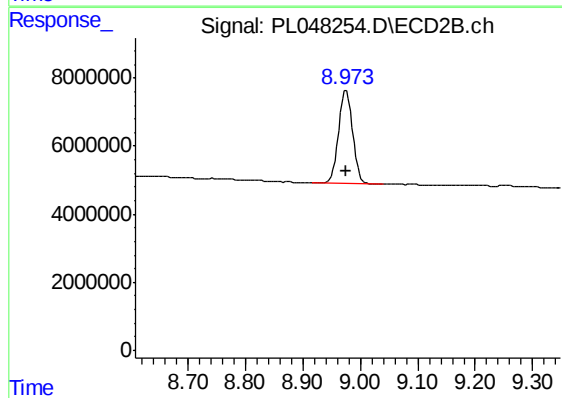
R.T.: 0.000 min  
Exp R.T. : 6.913 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.996 min  
Delta R.T.: 0.000 min  
Response: 183253629  
Conc: 18.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119535BS



#28 Decachlorobiphenyl

R.T.: 8.975 min  
Delta R.T.: 0.000 min  
Response: 46454005  
Conc: 17.50 ng/ml