

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011419\  
 Data File : PL043872.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jan 2019 15:19  
 Operator : AJ\SJ  
 Sample : K1131-03MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 QD-01-011019MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 14 21:37:31 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 12 01:24:53 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... | 3.526 | 4.007 | 99118656 | 41794072 | 20.192   | 21.446     |
| 28)                         | SA Decachlor... | 8.251 | 9.078 | 118.1E6  | 34557786 | 20.902   | 21.754     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.965 | 4.399 | 421.1E6  | 137.1E6  | 54.777   | 50.853     |
| 3)                          | MA gamma-BHC... | 4.249 | 4.684 | 392.2E6  | 130.4E6  | 56.221   | 51.340     |
| 4)                          | MA Heptachlor   | 4.544 | 5.193 | 394.7E6  | 127.3E6  | 56.696   | 52.685     |
| 5)                          | MB Aldrin       | 4.791 | 5.499 | 381.6E6  | 121.2E6  | 55.748   | 51.085     |
| 6)                          | B beta-BHC      | 4.501 | 4.855 | 161.9E6  | 57076435 | 54.385   | 51.484     |
| 7)                          | B delta-BHC     | 4.704 | 5.072 | 314.0E6  | 81102007 | 48.766   | 41.288     |
| 8)                          | B Heptachlor... | 5.234 | 5.885 | 354.0E6  | 107.3E6  | 55.663   | 49.729     |
| 9)                          | A Endosulfan I  | 5.571 | 6.242 | 328.5E6  | 104.4E6  | 56.280   | 50.613     |
| 10)                         | B gamma-Chl...  | 5.459 | 6.119 | 360.0E6  | 114.1E6  | 56.083   | 51.185     |
| 11)                         | B alpha-Chl...  | 5.516 | 6.192 | 353.9E6  | 113.4E6  | 56.001   | 51.156     |
| 12)                         | B 4,4'-DDE      | 5.680 | 6.348 | 319.2E6  | 97637893 | 58.911   | 53.103     |
| 13)                         | MA Dieldrin     | 5.813 | 6.499 | 355.8E6  | 109.3E6  | 57.124   | 51.227     |
| 14)                         | MA Endrin       | 6.070 | 6.717 | 304.2E6  | 89890227 | 56.078   | 51.252     |
| 15)                         | B Endosulfa...  | 6.344 | 6.925 | 292.3E6  | 94310660 | 56.179   | 50.922     |
| 16)                         | A 4,4'-DDD      | 6.195 | 6.838 | 247.8E6  | 78530841 | 57.285   | 51.971     |
| 17)                         | MA 4,4'-DDT     | 6.432 | 7.137 | 261.7E6  | 81501559 | 57.374   | 49.417     |
| 18)                         | B Endrin al...  | 6.511 | 7.049 | 242.8E6  | 79857100 | 54.435   | 50.392     |
| 19)                         | B Endosulfa...  | 6.722 | 7.272 | 276.5E6  | 87652098 | 51.323   | 46.485     |
| 20)                         | A Methoxychlor  | 6.975 | 7.594 | 138.0E6  | 45369018 | 53.972   | 51.402     |
| 21)                         | B Endrin ke...  | 7.211 | 7.742 | 321.0E6  | 96624273 | 53.308   | 49.789     |
| 23)                         | Chlordane-1     | 0.000 | 5.072 | 0        | 81102007 | N.D.     | 903.957 #  |
| 24)                         | Chlordane-2     | 0.000 | 5.499 | 0        | 121.2E6  | N.D.     | 1305.869 # |
| 25)                         | Chlordane-3     | 5.459 | 6.119 | 360.0E6  | 114.1E6  | 495.787  | 372.502    |
| 26)                         | Chlordane-4     | 5.516 | 6.192 | 353.9E6  | 113.4E6  | 555.293  | 310.201 #  |
| 27)                         | Chlordane-5     | 6.344 | 7.049 | 292.3E6  | 79857100 | 1466.852 | 1148.473   |
| -----                       |                 |       |       |          |          |          |            |

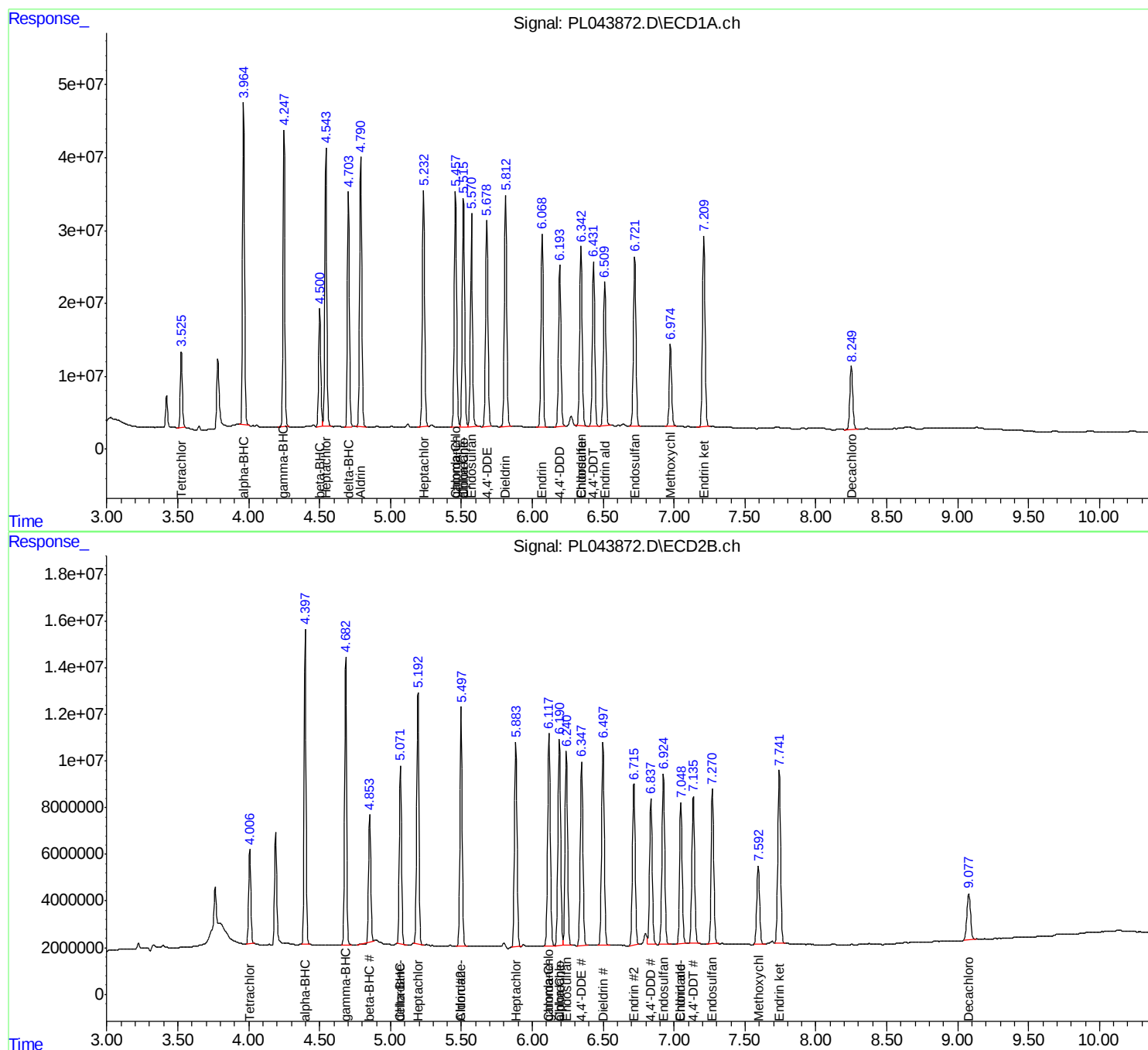
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

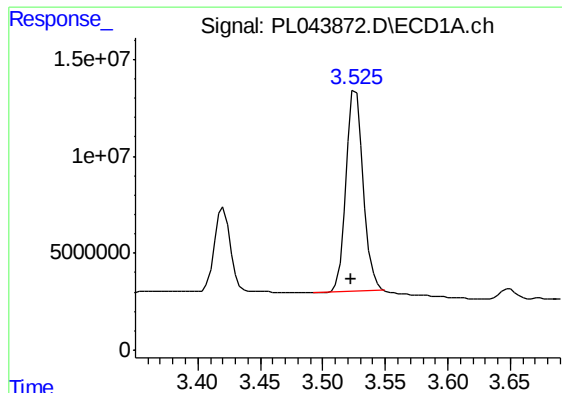
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011419\  
Data File : PL043872.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Jan 2019 15:19  
Operator : AJ\SJ  
Sample : K1131-03MSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 14 21:37:31 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 12 01:24:53 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

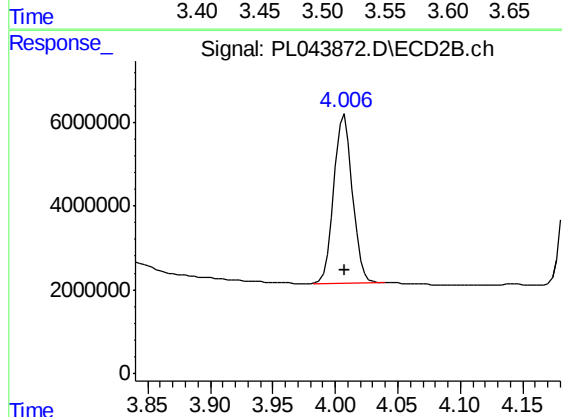




#1 Tetrachloro-m-xylene

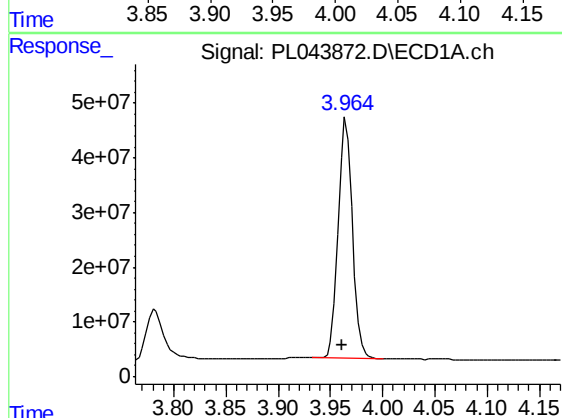
R.T.: 3.526 min  
Delta R.T.: 0.003 min  
Response: 99118656  
Conc: 20.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



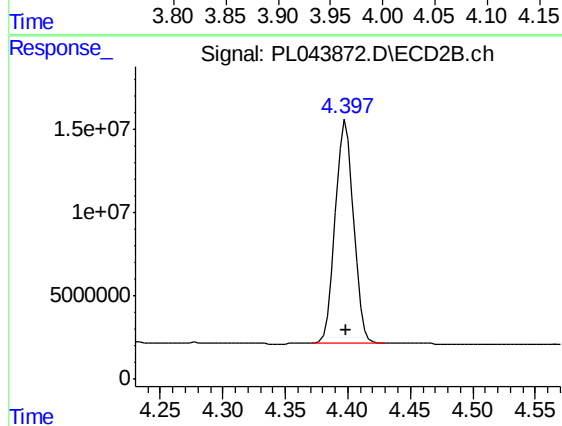
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 41794072  
Conc: 21.45 ng/ml



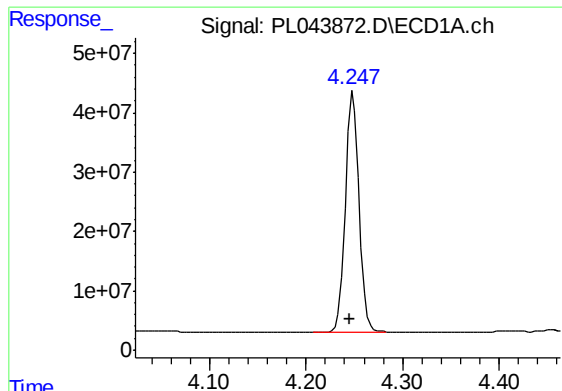
#2 alpha-BHC

R.T.: 3.965 min  
Delta R.T.: 0.003 min  
Response: 421097718  
Conc: 54.78 ng/ml



#2 alpha-BHC

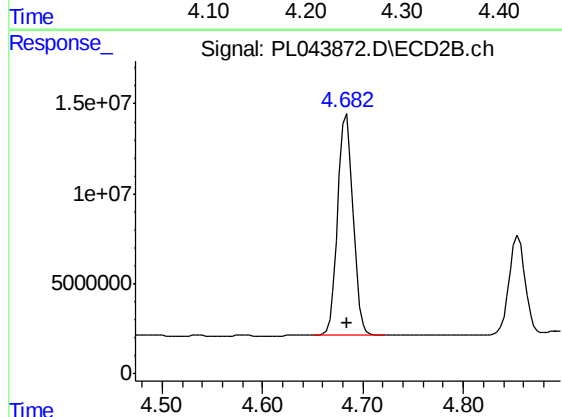
R.T.: 4.399 min  
Delta R.T.: 0.000 min  
Response: 137114934  
Conc: 50.85 ng/ml



#3 gamma-BHC (Lindane)

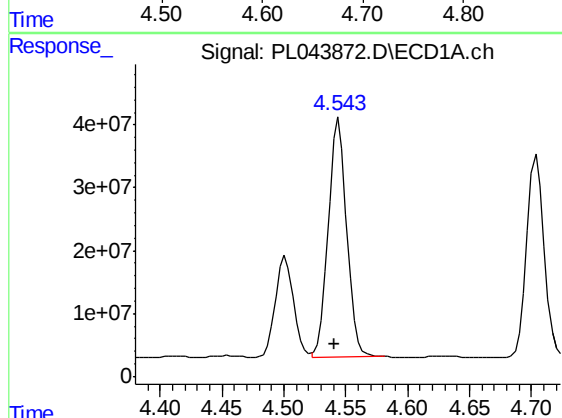
R.T.: 4.249 min  
Delta R.T.: 0.004 min  
Response: 392165051  
Conc: 56.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



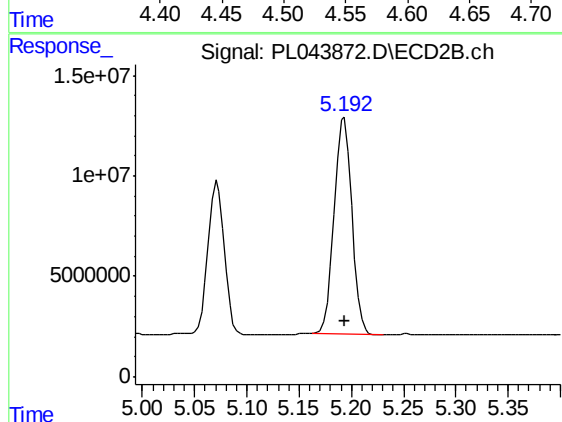
#3 gamma-BHC (Lindane)

R.T.: 4.684 min  
Delta R.T.: 0.000 min  
Response: 130396291  
Conc: 51.34 ng/ml



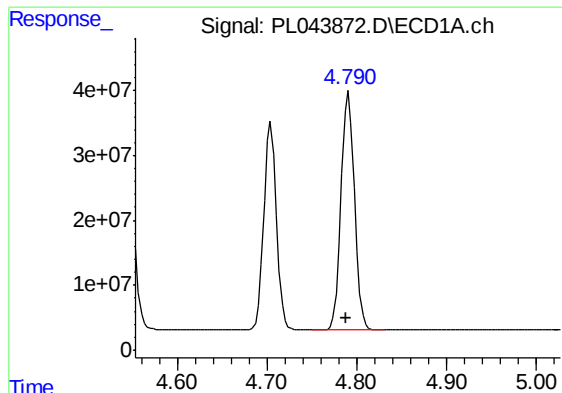
#4 Heptachlor

R.T.: 4.544 min  
Delta R.T.: 0.004 min  
Response: 394699003  
Conc: 56.70 ng/ml



#4 Heptachlor

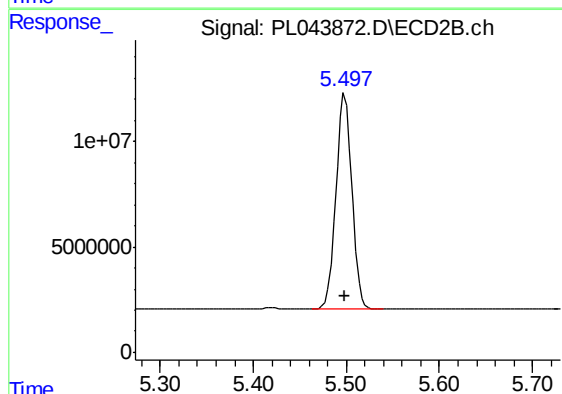
R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 127338723  
Conc: 52.68 ng/ml



#5 Aldrin

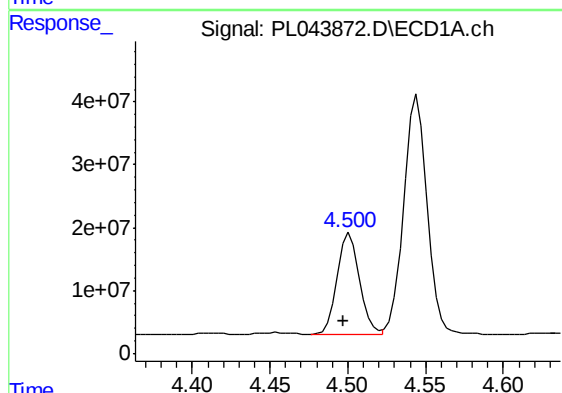
R.T.: 4.791 min  
Delta R.T.: 0.004 min  
Response: 381617495  
Conc: 55.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



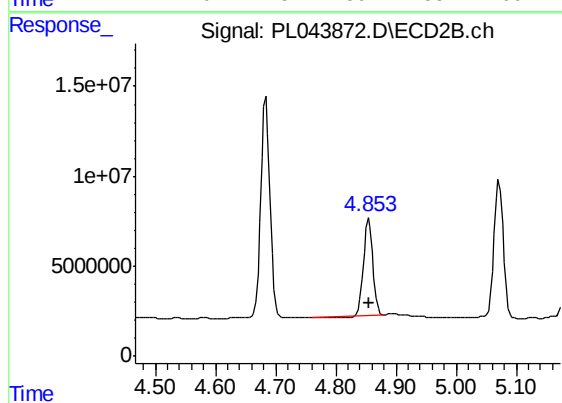
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 121249915  
Conc: 51.08 ng/ml



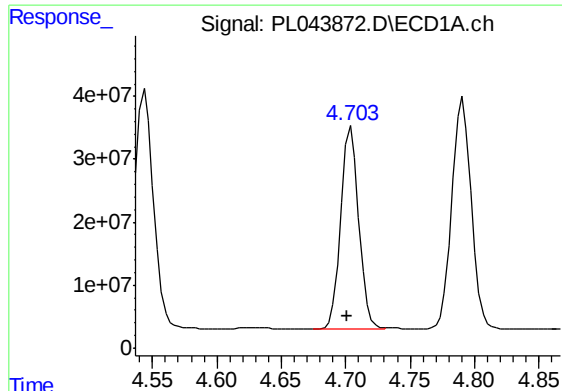
#6 beta-BHC

R.T.: 4.501 min  
Delta R.T.: 0.004 min  
Response: 161899771  
Conc: 54.39 ng/ml



#6 beta-BHC

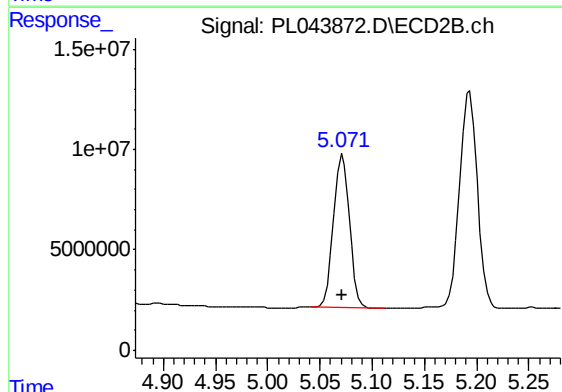
R.T.: 4.855 min  
Delta R.T.: 0.000 min  
Response: 57076435  
Conc: 51.48 ng/ml



#7 delta-BHC

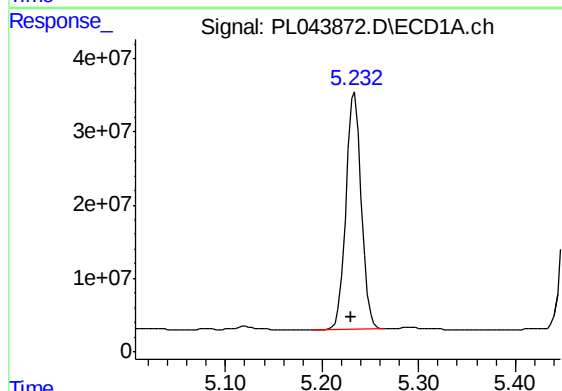
R.T.: 4.704 min  
Delta R.T.: 0.004 min  
Response: 313996873  
Conc: 48.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



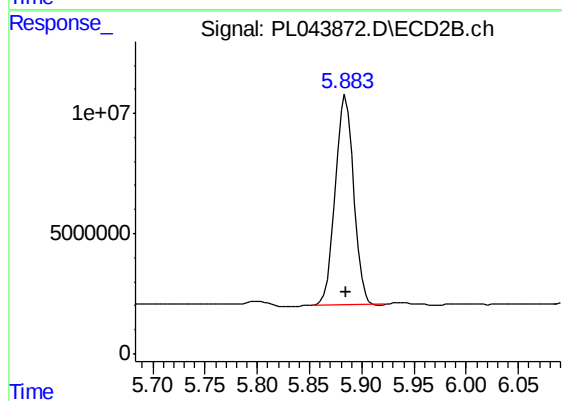
#7 delta-BHC

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 81102007  
Conc: 41.29 ng/ml



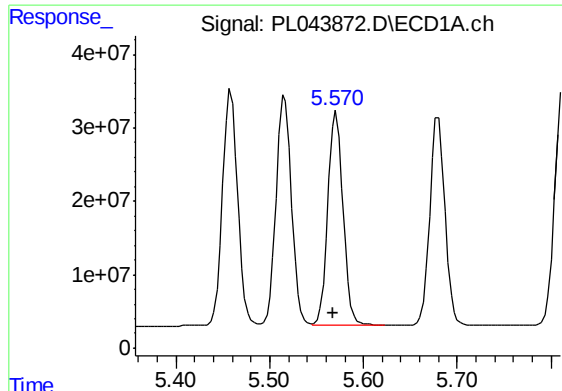
#8 Heptachlor epoxide

R.T.: 5.234 min  
Delta R.T.: 0.004 min  
Response: 353957235  
Conc: 55.66 ng/ml



#8 Heptachlor epoxide

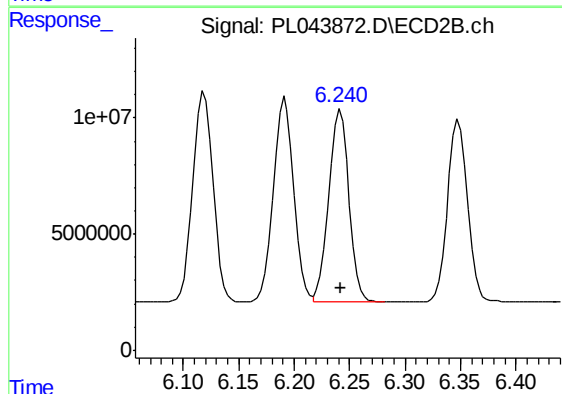
R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 107312460  
Conc: 49.73 ng/ml



#9 Endosulfan I

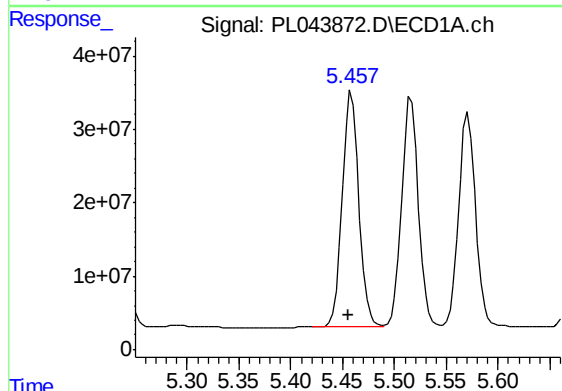
R.T.: 5.571 min  
Delta R.T.: 0.004 min  
Response: 328458098  
Conc: 56.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



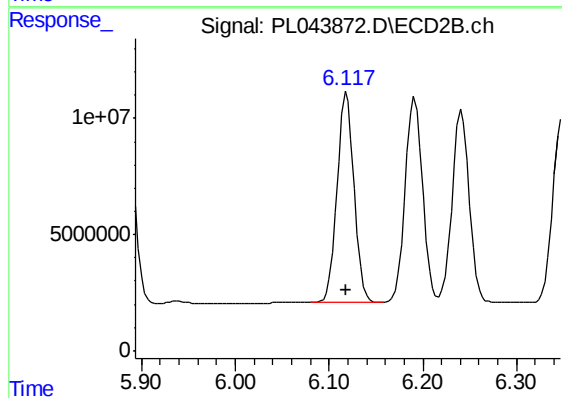
#9 Endosulfan I

R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 104359329  
Conc: 50.61 ng/ml



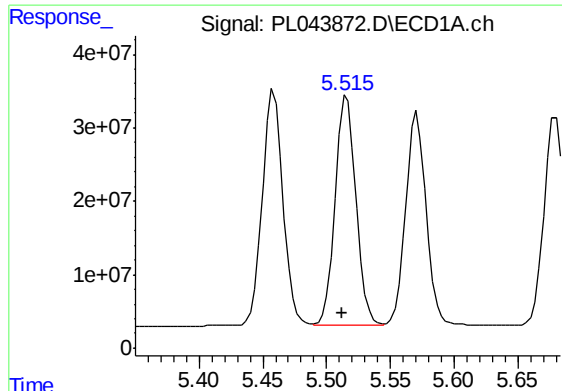
#10 gamma-Chlordane

R.T.: 5.459 min  
Delta R.T.: 0.004 min  
Response: 360017063  
Conc: 56.08 ng/ml



#10 gamma-Chlordane

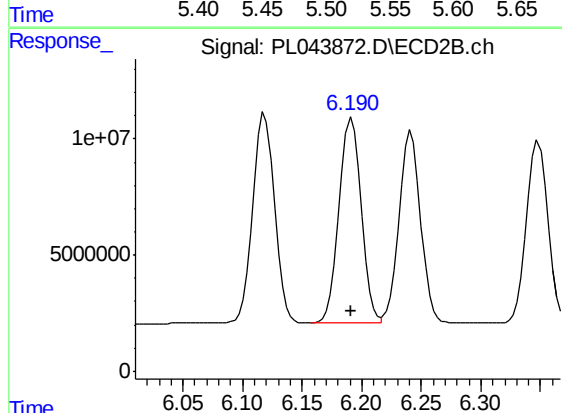
R.T.: 6.119 min  
Delta R.T.: 0.000 min  
Response: 114111657  
Conc: 51.18 ng/ml



#11 alpha-Chlordane

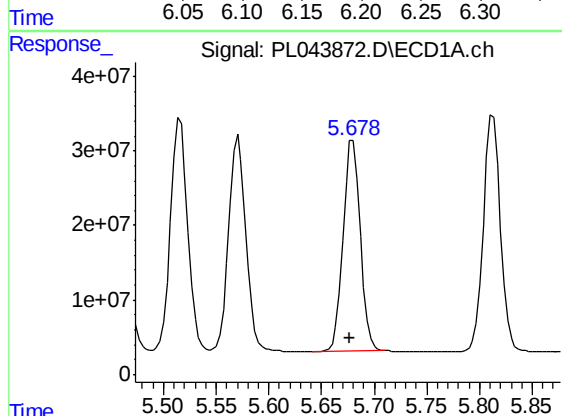
R.T.: 5.516 min  
Delta R.T.: 0.003 min  
Response: 353872878  
Conc: 56.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



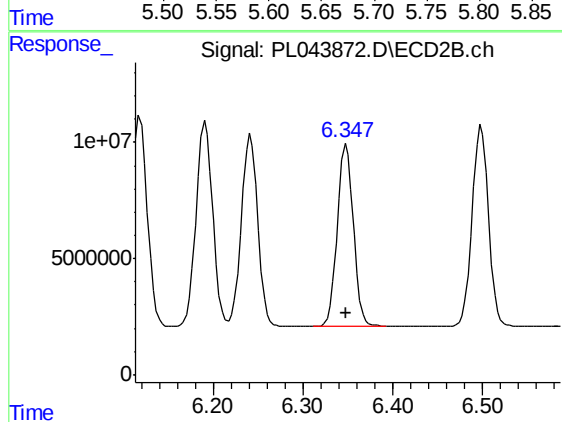
#11 alpha-Chlordane

R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 113402571  
Conc: 51.16 ng/ml



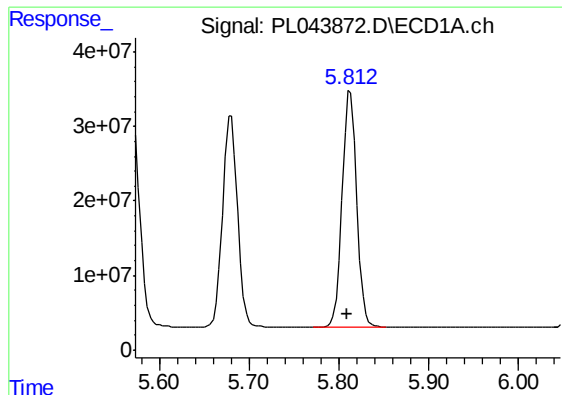
#12 4,4'-DDE

R.T.: 5.680 min  
Delta R.T.: 0.003 min  
Response: 319192056  
Conc: 58.91 ng/ml



#12 4,4'-DDE

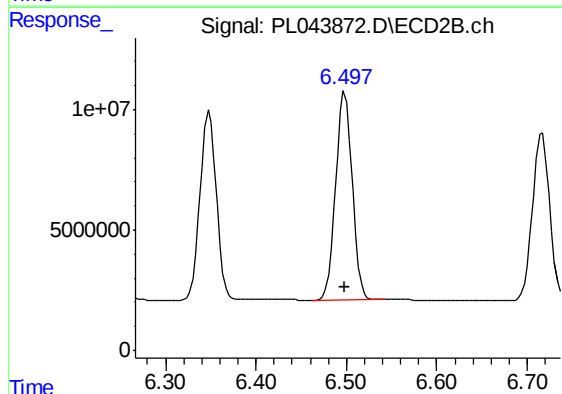
R.T.: 6.348 min  
Delta R.T.: 0.000 min  
Response: 97637893  
Conc: 53.10 ng/ml



#13 Dielddrin

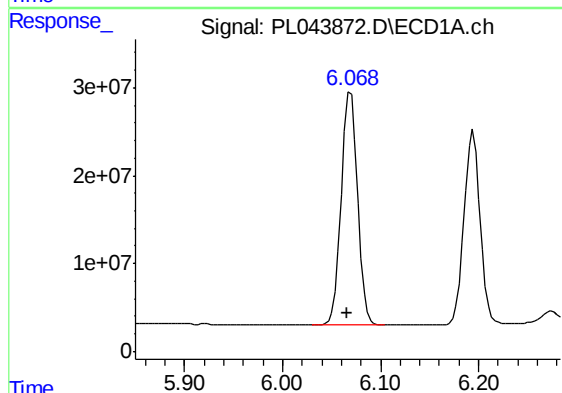
R.T.: 5.813 min  
Delta R.T.: 0.003 min  
Response: 355844358  
Conc: 57.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



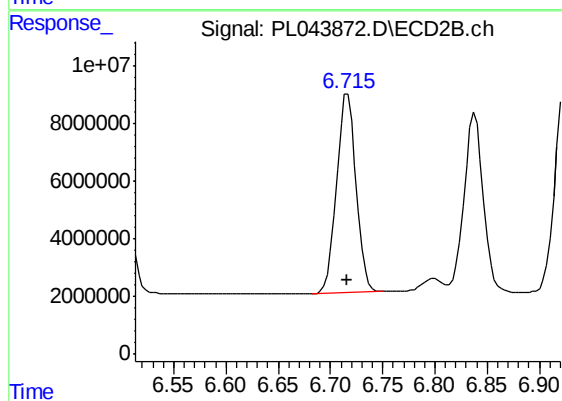
#13 Dielddrin

R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 109281042  
Conc: 51.23 ng/ml



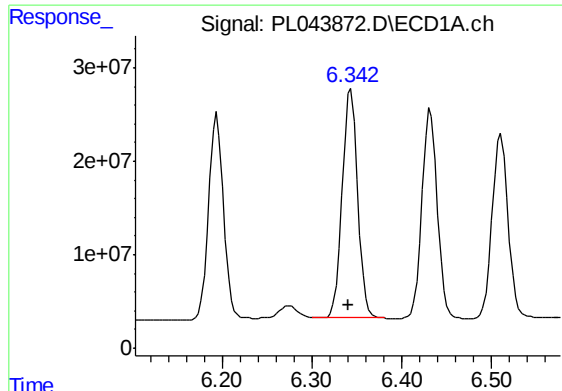
#14 Endrin

R.T.: 6.070 min  
Delta R.T.: 0.004 min  
Response: 304197522  
Conc: 56.08 ng/ml



#14 Endrin

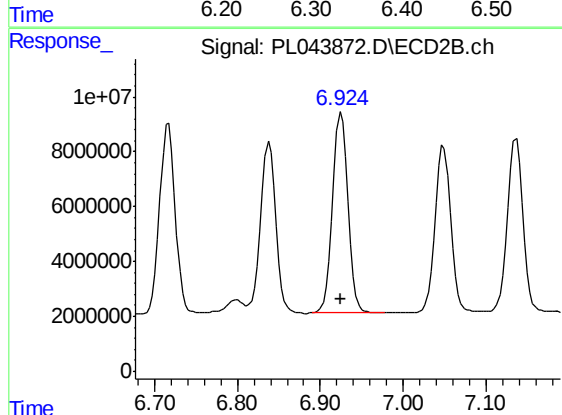
R.T.: 6.717 min  
Delta R.T.: 0.000 min  
Response: 89890227  
Conc: 51.25 ng/ml



#15 Endosulfan II

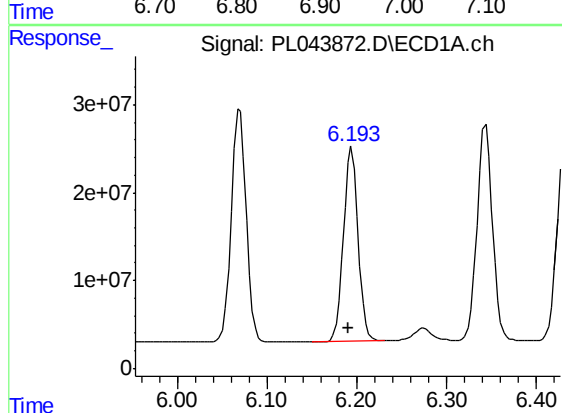
R.T.: 6.344 min  
Delta R.T.: 0.003 min  
Response: 292281291  
Conc: 56.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



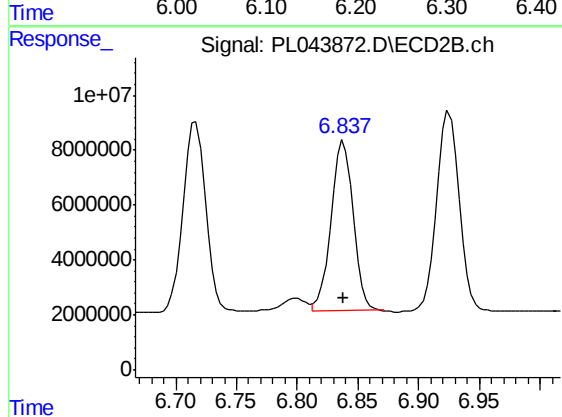
#15 Endosulfan II

R.T.: 6.925 min  
Delta R.T.: 0.000 min  
Response: 94310660  
Conc: 50.92 ng/ml



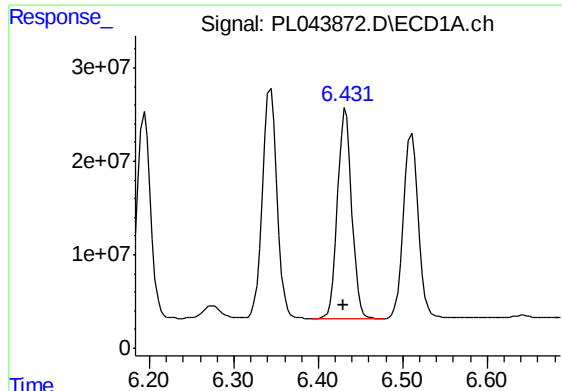
#16 4,4'-DDD

R.T.: 6.195 min  
Delta R.T.: 0.003 min  
Response: 247829984  
Conc: 57.29 ng/ml



#16 4,4'-DDD

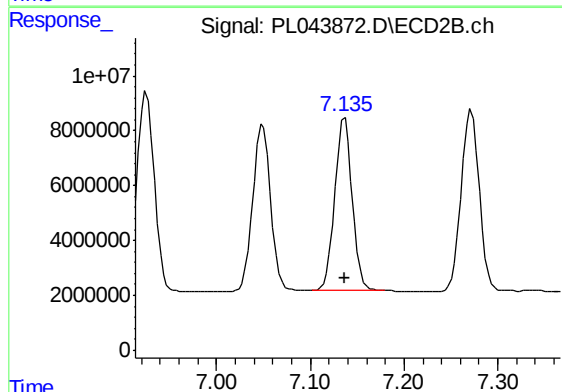
R.T.: 6.838 min  
Delta R.T.: 0.000 min  
Response: 78530841  
Conc: 51.97 ng/ml



#17 4,4'-DDT

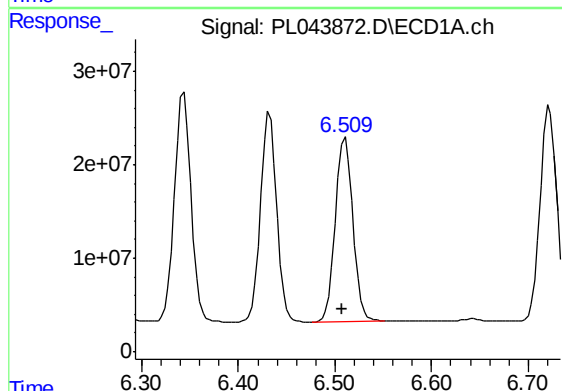
R.T.: 6.432 min  
Delta R.T.: 0.003 min  
Response: 261712340  
Conc: 57.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



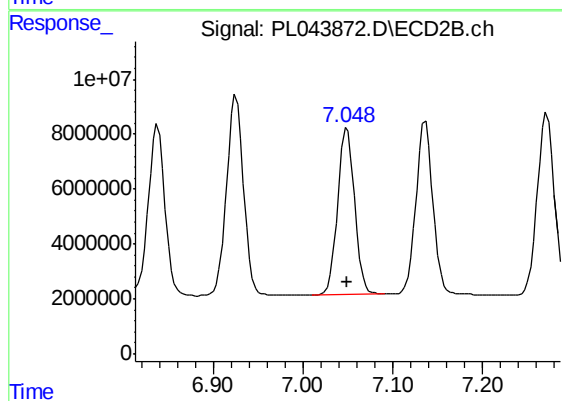
#17 4,4'-DDT

R.T.: 7.137 min  
Delta R.T.: 0.000 min  
Response: 81501559  
Conc: 49.42 ng/ml



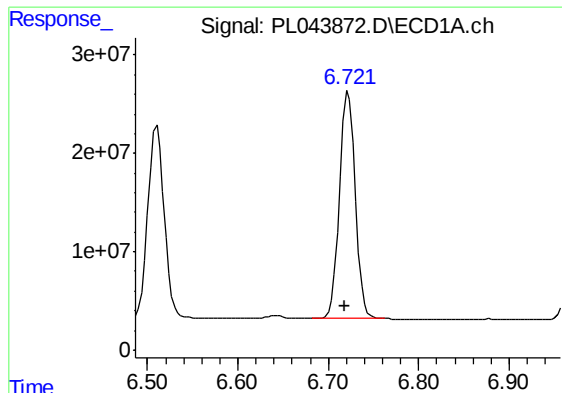
#18 Endrin aldehyde

R.T.: 6.511 min  
Delta R.T.: 0.003 min  
Response: 242820210  
Conc: 54.44 ng/ml



#18 Endrin aldehyde

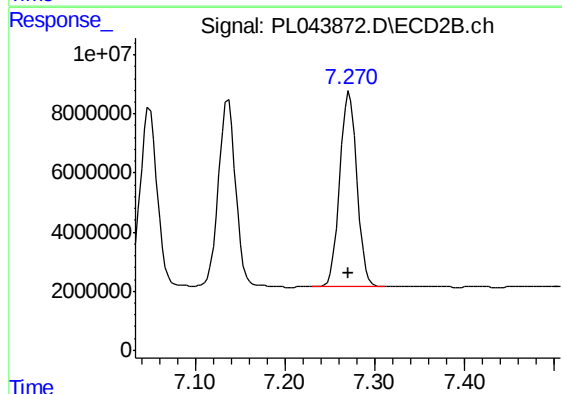
R.T.: 7.049 min  
Delta R.T.: 0.000 min  
Response: 79857100  
Conc: 50.39 ng/ml



#19 Endosulfan Sulfate

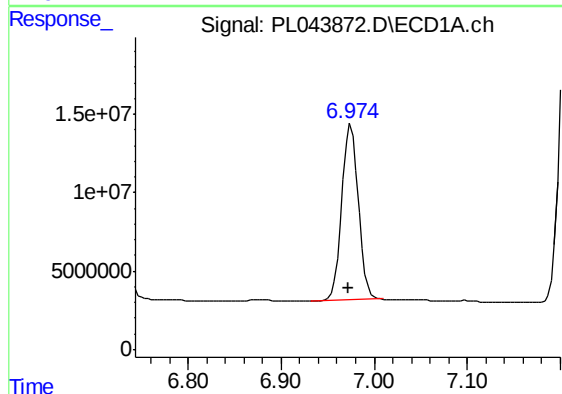
R.T.: 6.722 min  
Delta R.T.: 0.004 min  
Response: 276473499  
Conc: 51.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



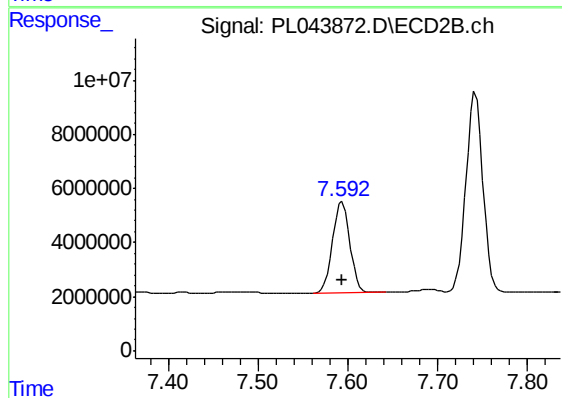
#19 Endosulfan Sulfate

R.T.: 7.272 min  
Delta R.T.: 0.000 min  
Response: 87652098  
Conc: 46.49 ng/ml



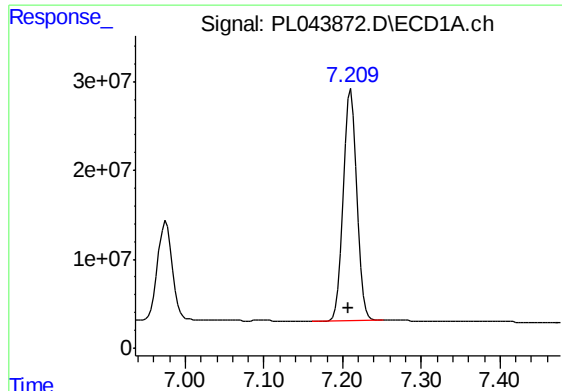
#20 Methoxychlor

R.T.: 6.975 min  
Delta R.T.: 0.003 min  
Response: 137976674  
Conc: 53.97 ng/ml



#20 Methoxychlor

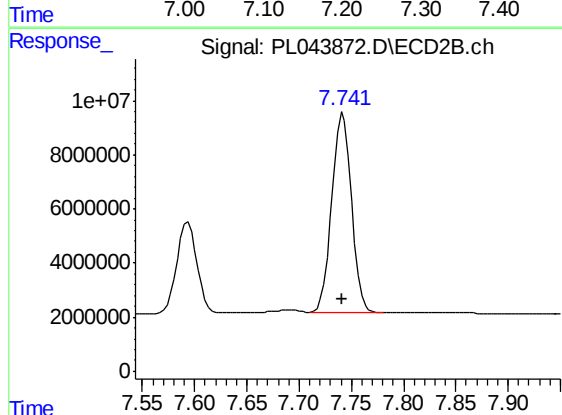
R.T.: 7.594 min  
Delta R.T.: 0.000 min  
Response: 45369018  
Conc: 51.40 ng/ml



#21 Endrin ketone

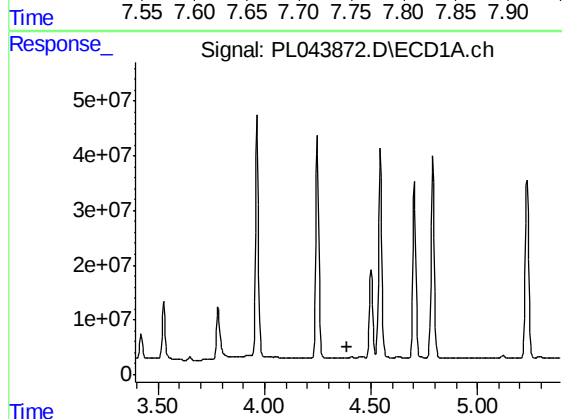
R.T.: 7.211 min  
Delta R.T.: 0.004 min  
Response: 321046809  
Conc: 53.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



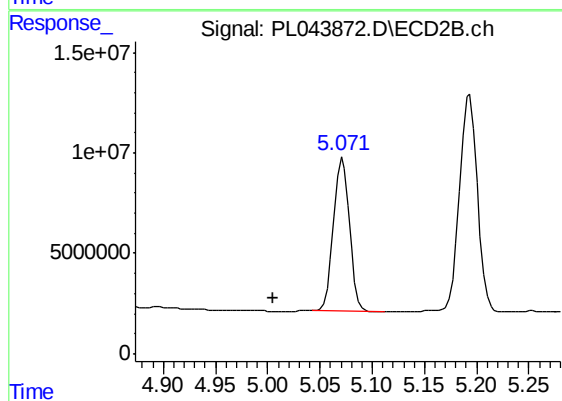
#21 Endrin ketone

R.T.: 7.742 min  
Delta R.T.: 0.000 min  
Response: 96624273  
Conc: 49.79 ng/ml



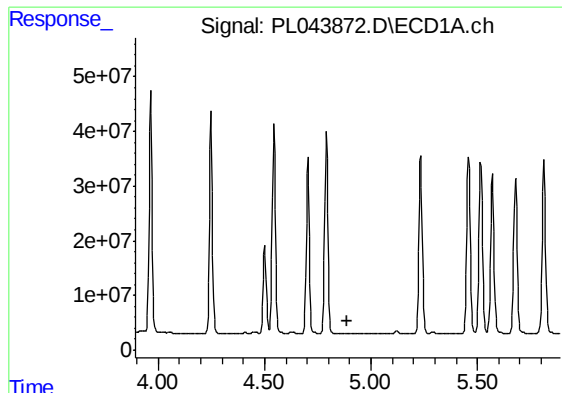
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.391 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

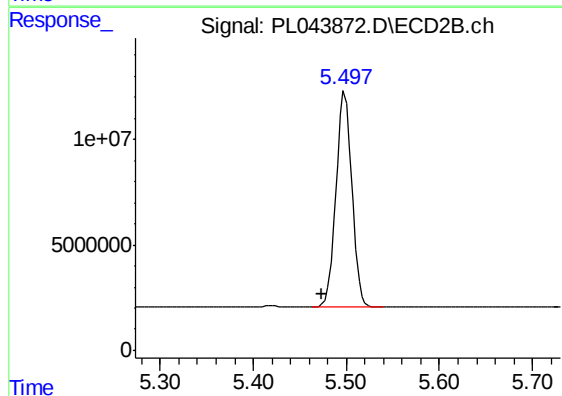
R.T.: 5.072 min  
Delta R.T.: 0.067 min  
Response: 81102007  
Conc: 903.96 ng/ml



#24 Chlordane-2

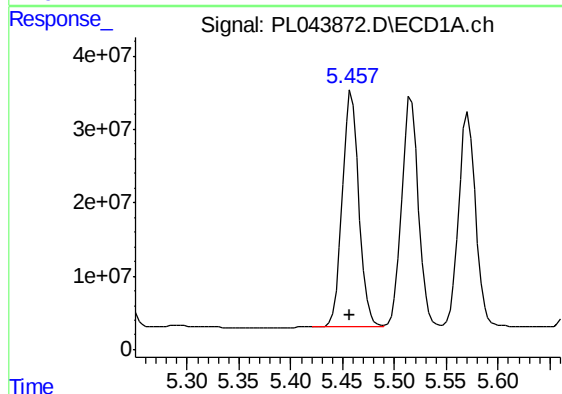
R.T.: 0.000 min  
Exp R.T.: 4.891 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



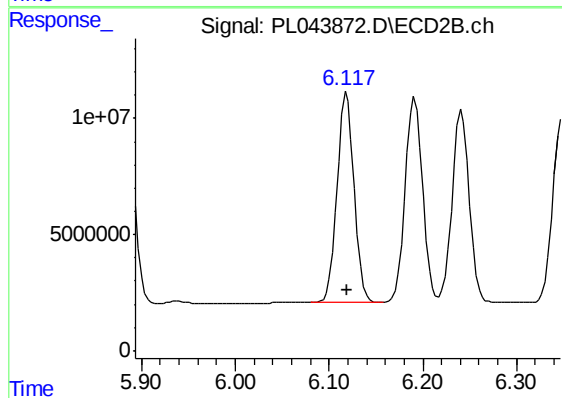
#24 Chlordane-2

R.T.: 5.499 min  
Delta R.T.: 0.025 min  
Response: 121249915  
Conc: 1305.87 ng/ml



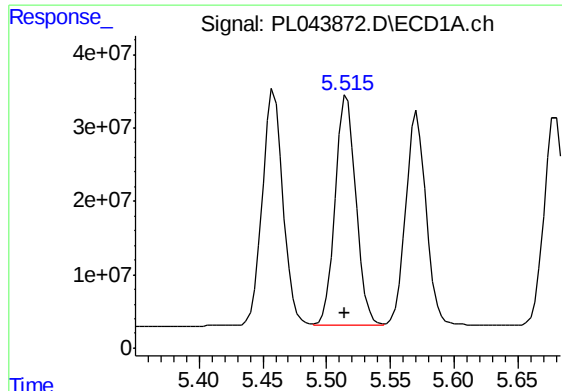
#25 Chlordane-3

R.T.: 5.459 min  
Delta R.T.: 0.001 min  
Response: 360017063  
Conc: 495.79 ng/ml



#25 Chlordane-3

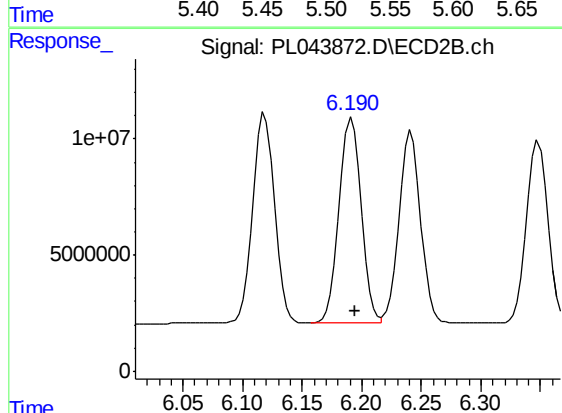
R.T.: 6.119 min  
Delta R.T.: 0.000 min  
Response: 114111657  
Conc: 372.50 ng/ml



#26 Chlordane-4

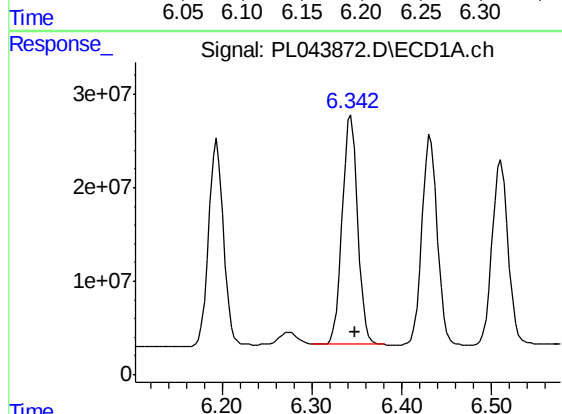
R.T.: 5.516 min  
Delta R.T.: 0.002 min  
Response: 353872878  
Conc: 555.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



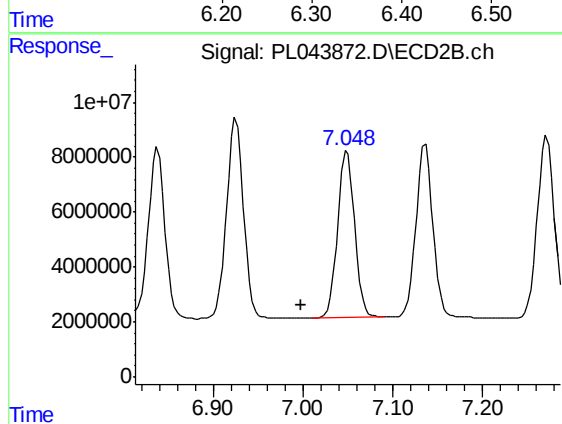
#26 Chlordane-4

R.T.: 6.192 min  
Delta R.T.: -0.002 min  
Response: 113402571  
Conc: 310.20 ng/ml



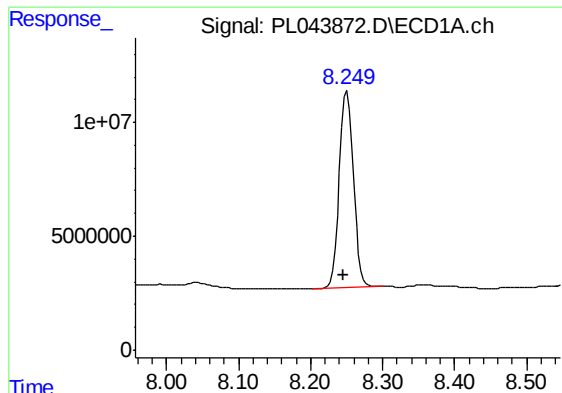
#27 Chlordane-5

R.T.: 6.344 min  
Delta R.T.: -0.004 min  
Response: 292281291  
Conc: 1466.85 ng/ml



#27 Chlordane-5

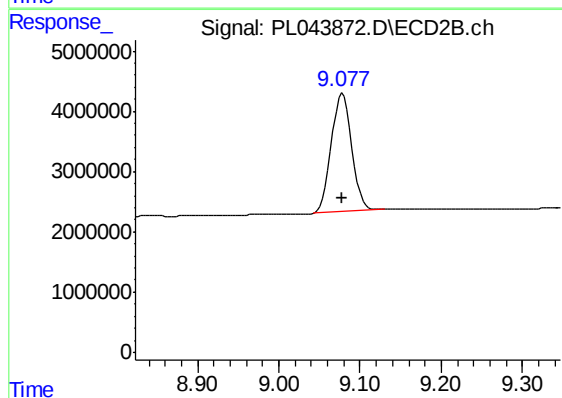
R.T.: 7.049 min  
Delta R.T.: 0.051 min  
Response: 79857100  
Conc: 1148.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.251 min  
Delta R.T.: 0.005 min  
Response: 118123615  
Conc: 20.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
QD-01-011019MSD



#28 Decachlorobiphenyl

R.T.: 9.078 min  
Delta R.T.: 0.000 min  
Response: 34557786  
Conc: 21.75 ng/ml