

Data Path : P:\HPCHEM1\ECD\_L\Data\PL012918\  
 Data File : PL032613.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Jan 2018 10:25  
 Operator : UA\AJ  
 Sample : PB106103BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB106103BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 29 22:38:54 2018  
 Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 27 04:03:48 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 3.408 | 3.992 | 160.3E6 | 23864948 | 17.933   | 19.057     |
| 28)                         | SA Decachlor... | 8.112 | 9.024 | 204.4E6 | 35457618 | 17.565   | 18.642     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.846 | 4.372 | 735.6E6 | 123.4E6  | 52.283   | 53.292     |
| 3)                          | MA gamma-BHC... | 4.126 | 4.652 | 669.3E6 | 114.8E6  | 51.836   | 53.423     |
| 4)                          | MA Heptachlor   | 4.415 | 5.167 | 666.1E6 | 106.1E6  | 50.316   | 50.810     |
| 5)                          | MB Aldrin       | 4.658 | 5.470 | 655.7E6 | 108.9E6  | 51.016   | 52.024     |
| 6)                          | B beta-BHC      | 4.377 | 4.813 | 291.3E6 | 48724474 | 50.998   | 51.052     |
| 7)                          | B delta-BHC     | 4.576 | 5.028 | 705.6E6 | 118.9E6  | 52.865   | 53.482     |
| 8)                          | B Heptachlo...  | 5.098 | 5.850 | 592.7E6 | 100.2E6  | 50.081   | 56.066     |
| 9)                          | A Endosulfan I  | 5.432 | 6.203 | 591.2E6 | 93799635 | 51.790   | 51.983     |
| 10)                         | B gamma-Chl...  | 5.320 | 6.083 | 657.0E6 | 102.9E6  | 50.903   | 52.791     |
| 11)                         | B alpha-Chl...  | 5.379 | 6.157 | 634.8E6 | 99074442 | 51.020   | 52.272     |
| 12)                         | B 4,4'-DDE      | 5.545 | 6.313 | 641.0E6 | 99243493 | 50.453   | 52.039     |
| 13)                         | MA Dieldrin     | 5.672 | 6.457 | 658.1E6 | 99366329 | 51.402   | 51.996     |
| 14)                         | MA Endrin       | 5.928 | 6.671 | 550.6E6 | 83602486 | 47.150   | 49.575     |
| 15)                         | B Endosulfa...  | 6.201 | 6.873 | 596.9E6 | 90255885 | 50.873   | 51.261     |
| 16)                         | A 4,4'-DDD      | 6.059 | 6.794 | 556.8E6 | 76398913 | 52.921   | 53.567     |
| 17)                         | MA 4,4'-DDT     | 6.295 | 7.094 | 516.7E6 | 65752180 | 48.876   | 49.311     |
| 18)                         | B Endrin al...  | 6.371 | 6.996 | 497.4E6 | 77279512 | 50.362   | 52.189     |
| 19)                         | B Endosulfa...  | 6.581 | 7.219 | 569.7E6 | 83675957 | 51.428   | 51.883     |
| 20)                         | A Methoxychlor  | 6.843 | 7.550 | 273.5E6 | 39443759 | 47.065   | 48.391     |
| 21)                         | B Endrin ke...  | 7.069 | 7.682 | 670.2E6 | 96322437 | 53.504   | 53.336     |
| 23)                         | Chlordane-1     | 0.000 | 5.028 | 0       | 118.9E6  | N.D.     | 1537.793 # |
| 24)                         | Chlordane-2     | 4.415 | 5.167 | 666.1E6 | 106.1E6  | 1084.721 | 903.960    |
| 25)                         | Chlordane-3     | 5.320 | 6.083 | 657.0E6 | 102.9E6  | 440.150  | 373.506    |
| 26)                         | Chlordane-4     | 5.379 | 6.157 | 634.8E6 | 99074442 | 493.513  | 303.250 #  |
| 27)                         | Chlordane-5     | 6.201 | 6.996 | 596.9E6 | 77279512 | 1207.207 | 1282.320   |
| -----                       |                 |       |       |         |          |          |            |

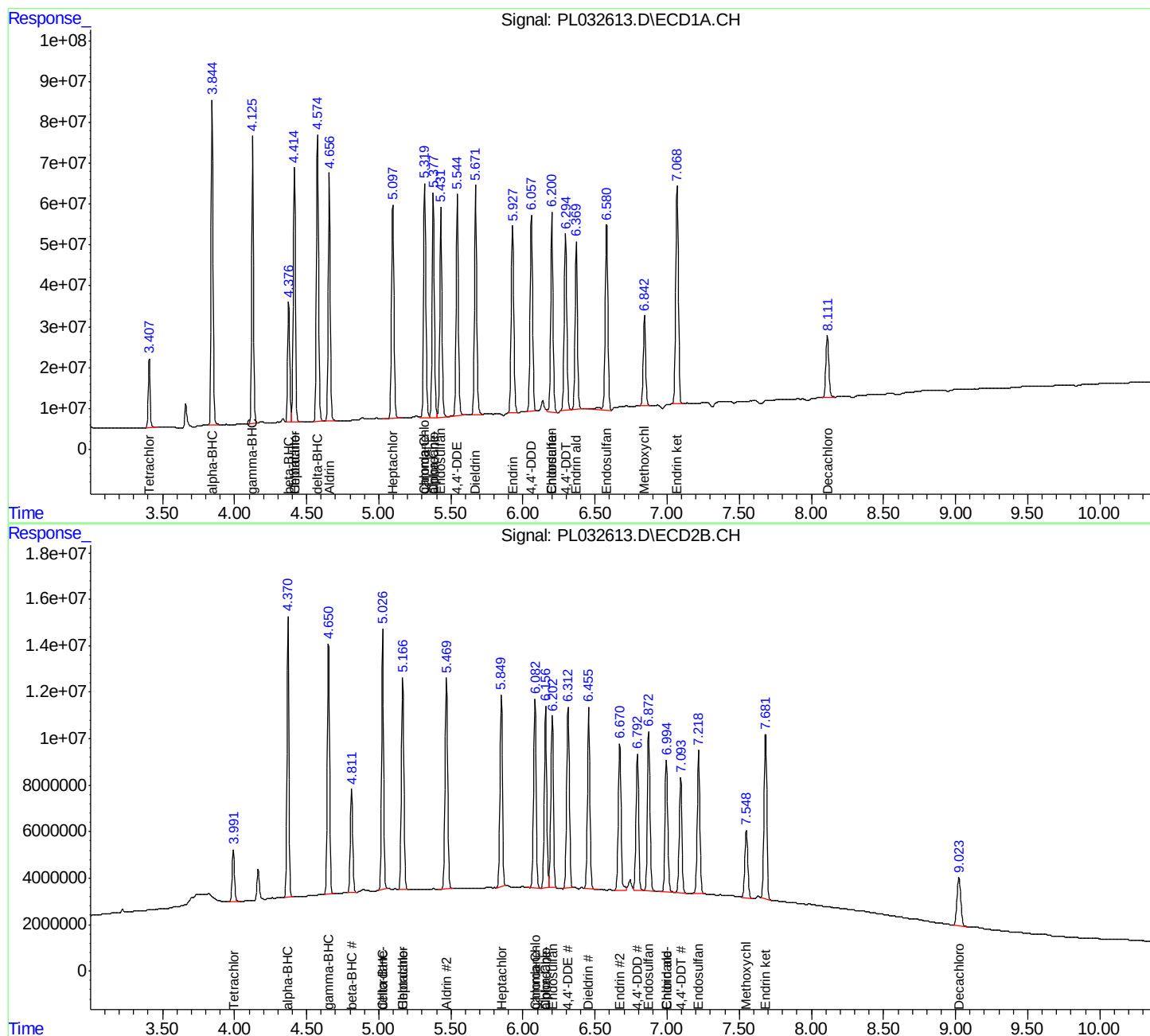
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

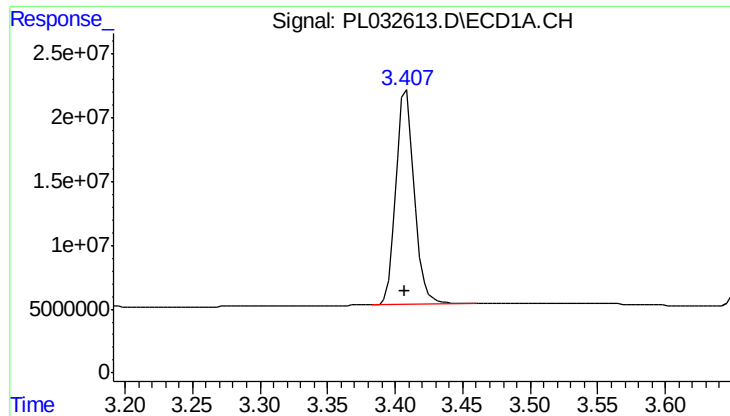
Data Path : P:\HPCHEM1\ECD\_L\Data\PL012918\  
 Data File : PL032613.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Jan 2018 10:25  
 Operator : UA\AJ  
 Sample : PB106103BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB106103BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 29 22:38:54 2018  
 Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 27 04:03:48 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

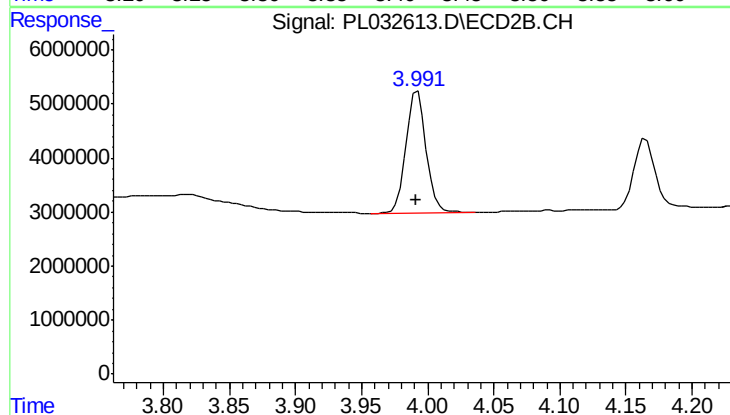




#1 Tetrachloro-m-xylene

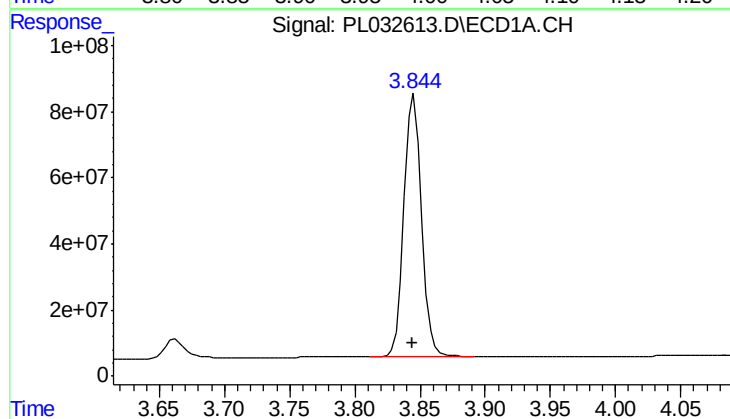
R.T.: 3.408 min  
Delta R.T.: 0.000 min  
Response: 160322891  
Conc: 17.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



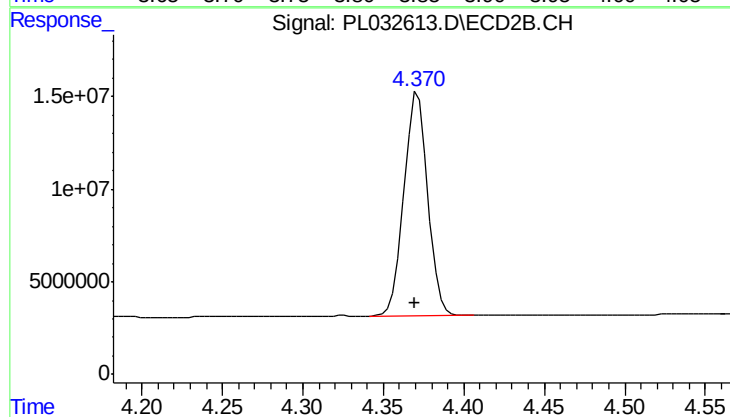
#1 Tetrachloro-m-xylene

R.T.: 3.992 min  
Delta R.T.: 0.000 min  
Response: 23864948  
Conc: 19.06 ng/ml



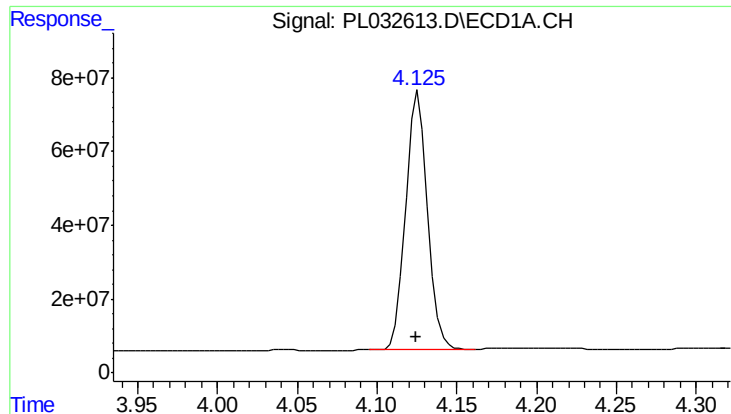
#2 alpha-BHC

R.T.: 3.846 min  
Delta R.T.: 0.001 min  
Response: 735639126  
Conc: 52.28 ng/ml



#2 alpha-BHC

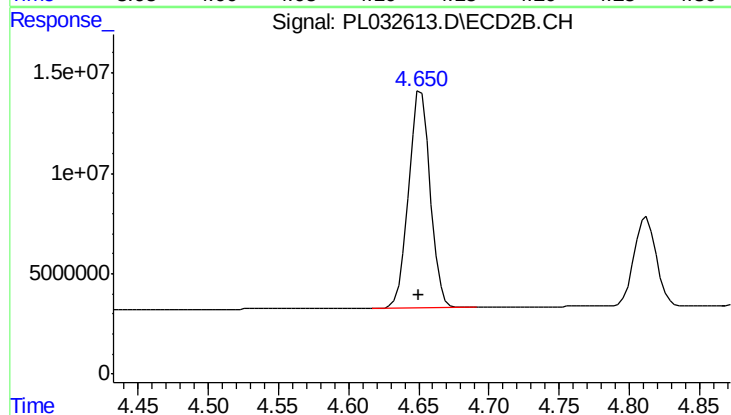
R.T.: 4.372 min  
Delta R.T.: 0.002 min  
Response: 123442283  
Conc: 53.29 ng/ml



#3 gamma-BHC (Lindane)

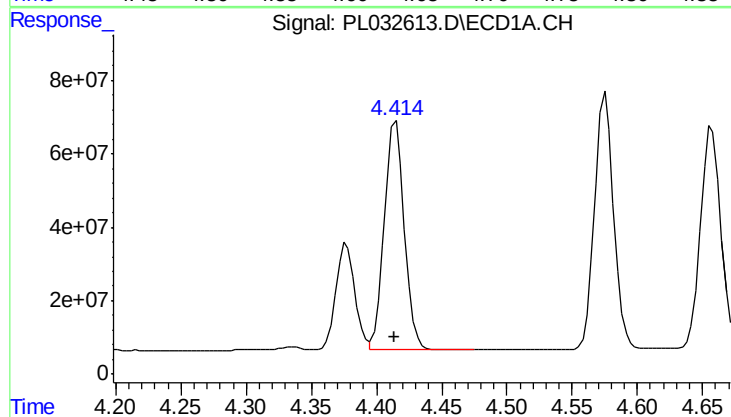
R.T.: 4.126 min  
Delta R.T.: 0.001 min  
Response: 669295388  
Conc: 51.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



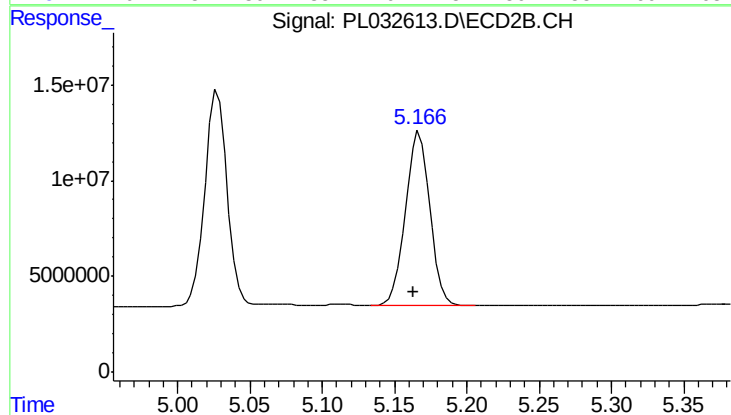
#3 gamma-BHC (Lindane)

R.T.: 4.652 min  
Delta R.T.: 0.002 min  
Response: 114757680  
Conc: 53.42 ng/ml



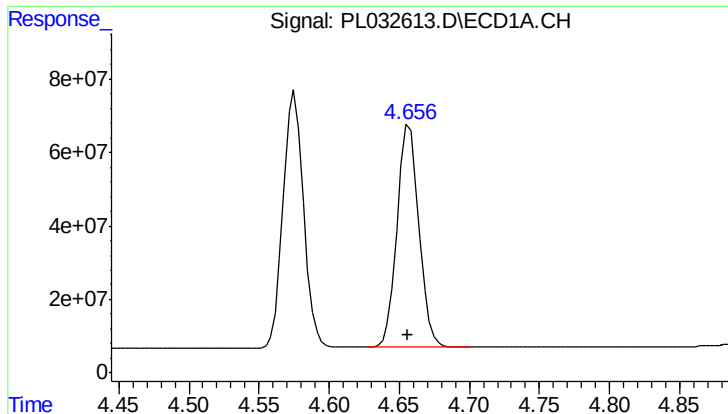
#4 Heptachlor

R.T.: 4.415 min  
Delta R.T.: 0.000 min  
Response: 666057583  
Conc: 50.32 ng/ml



#4 Heptachlor

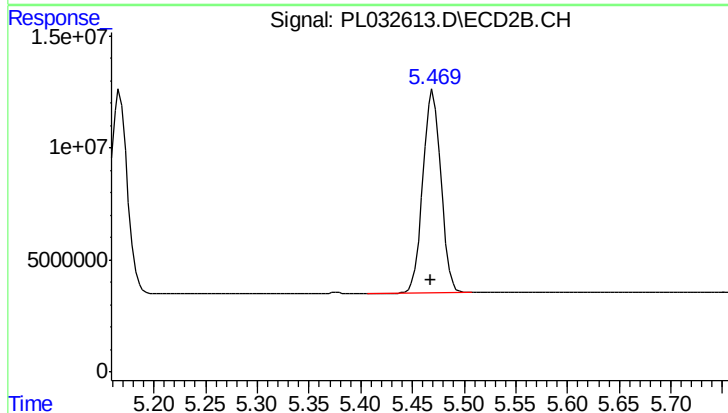
R.T.: 5.167 min  
Delta R.T.: 0.004 min  
Response: 106079219  
Conc: 50.81 ng/ml



#5 Aldrin

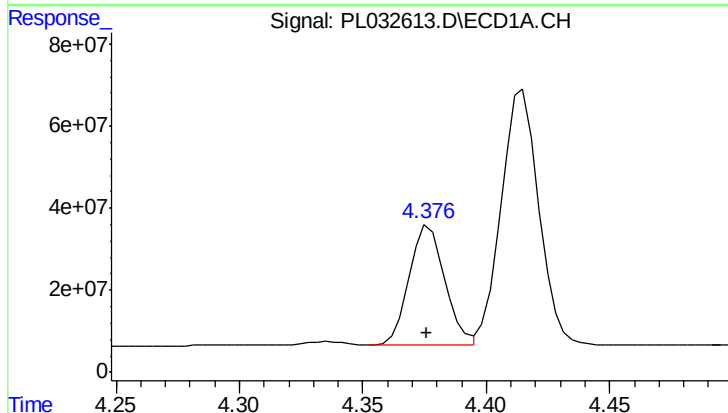
R.T.: 4.658 min  
Delta R.T.: 0.002 min  
Response: 655681955  
Conc: 51.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



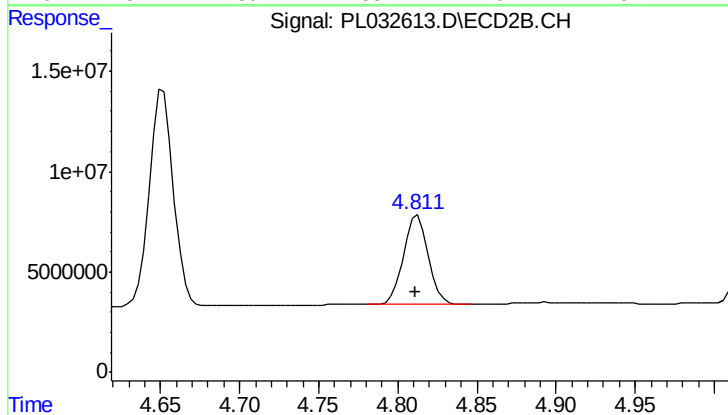
#5 Aldrin

R.T.: 5.470 min  
Delta R.T.: 0.002 min  
Response: 108942993  
Conc: 52.02 ng/ml



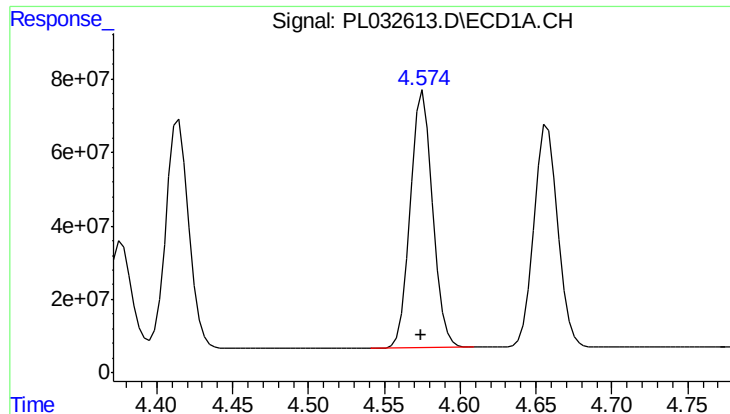
#6 beta-BHC

R.T.: 4.377 min  
Delta R.T.: 0.001 min  
Response: 291259862  
Conc: 51.00 ng/ml



#6 beta-BHC

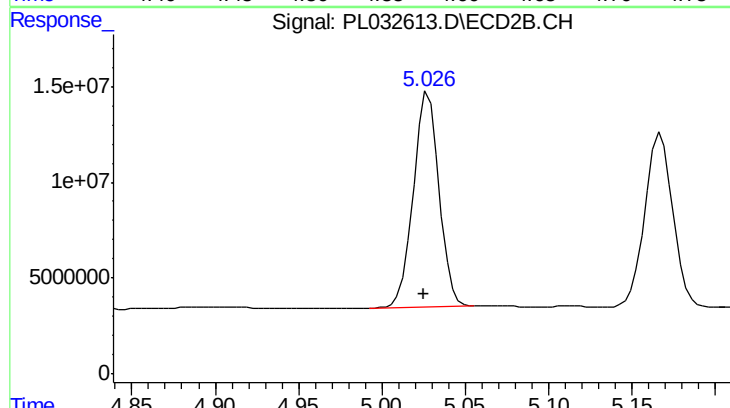
R.T.: 4.813 min  
Delta R.T.: 0.002 min  
Response: 48724474  
Conc: 51.05 ng/ml



#7 delta-BHC

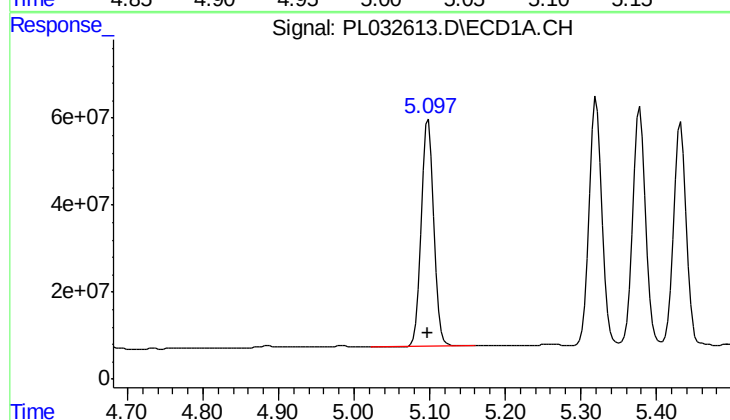
R.T.: 4.576 min  
Delta R.T.: 0.002 min  
Response: 705644659  
Conc: 52.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



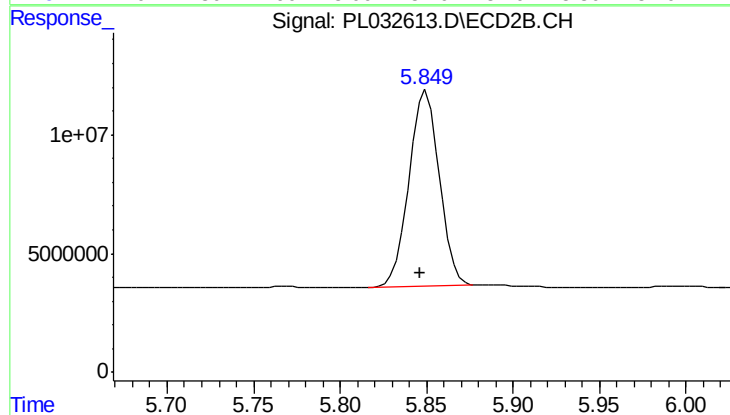
#7 delta-BHC

R.T.: 5.028 min  
Delta R.T.: 0.003 min  
Response: 118910417  
Conc: 53.48 ng/ml



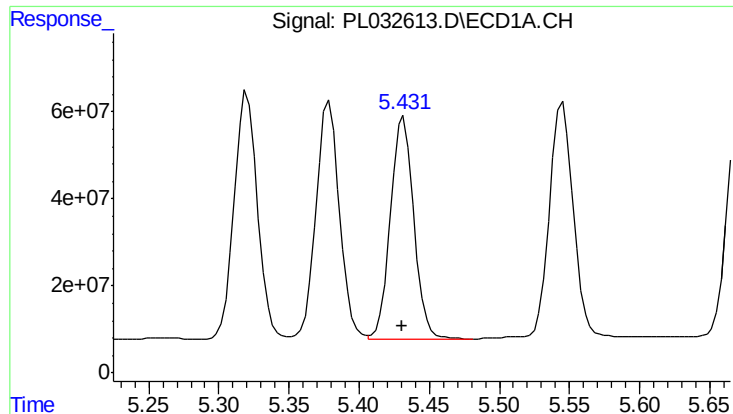
#8 Heptachlor epoxide

R.T.: 5.098 min  
Delta R.T.: 0.001 min  
Response: 592739764  
Conc: 50.08 ng/ml



#8 Heptachlor epoxide

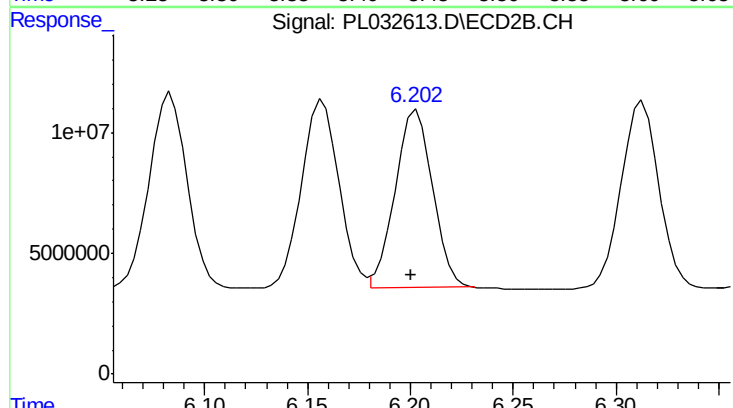
R.T.: 5.850 min  
Delta R.T.: 0.004 min  
Response: 100240559  
Conc: 56.07 ng/ml



#9 Endosulfan I

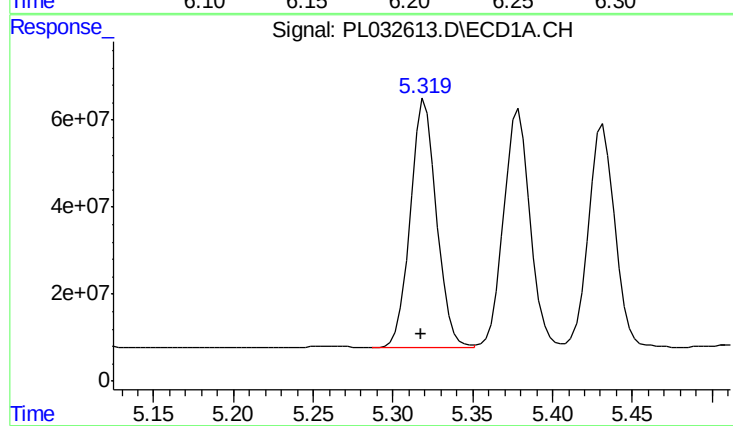
R.T.: 5.432 min  
Delta R.T.: 0.001 min  
Response: 591157487  
Conc: 51.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



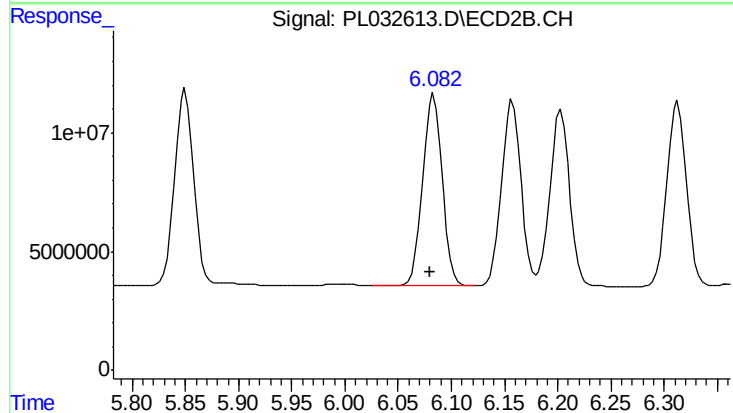
#9 Endosulfan I

R.T.: 6.203 min  
Delta R.T.: 0.003 min  
Response: 93799635  
Conc: 51.98 ng/ml



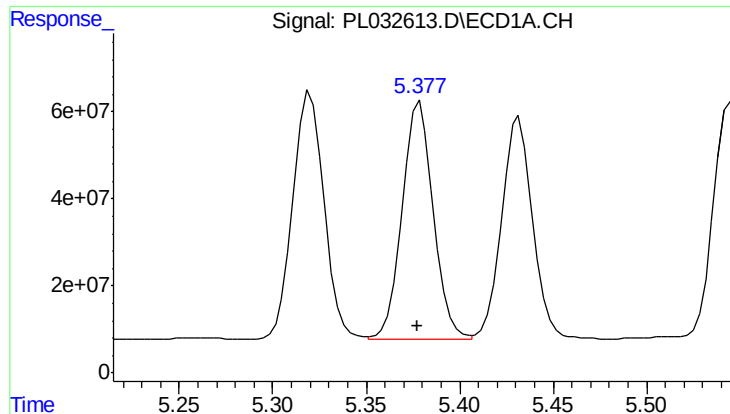
#10 gamma-Chlordane

R.T.: 5.320 min  
Delta R.T.: 0.003 min  
Response: 656980465  
Conc: 50.90 ng/ml



#10 gamma-Chlordane

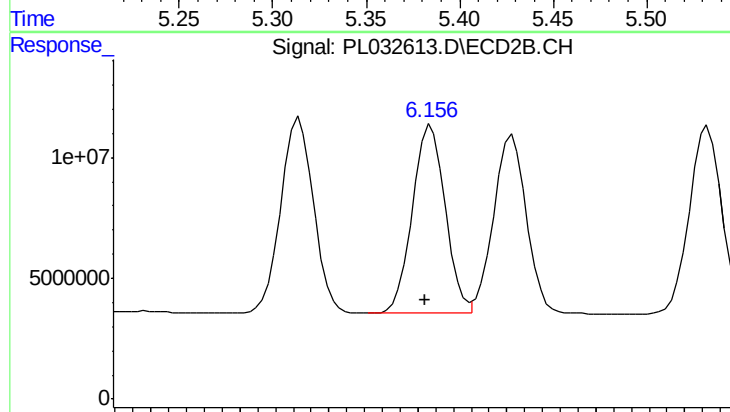
R.T.: 6.083 min  
Delta R.T.: 0.003 min  
Response: 102933774  
Conc: 52.79 ng/ml



#11 alpha-Chlordane

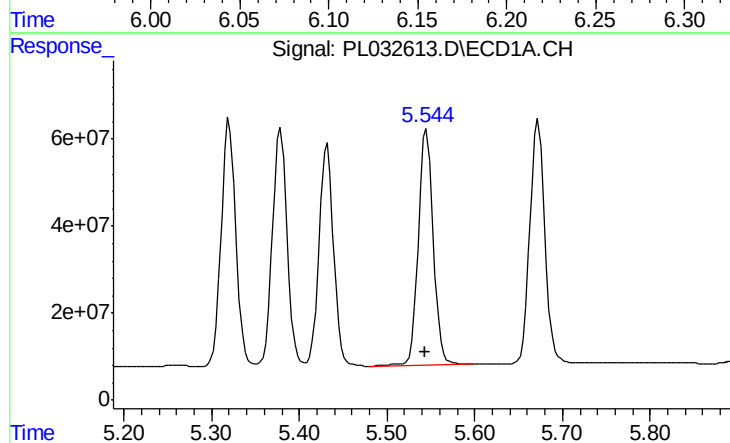
R.T.: 5.379 min  
Delta R.T.: 0.002 min  
Response: 634772459  
Conc: 51.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



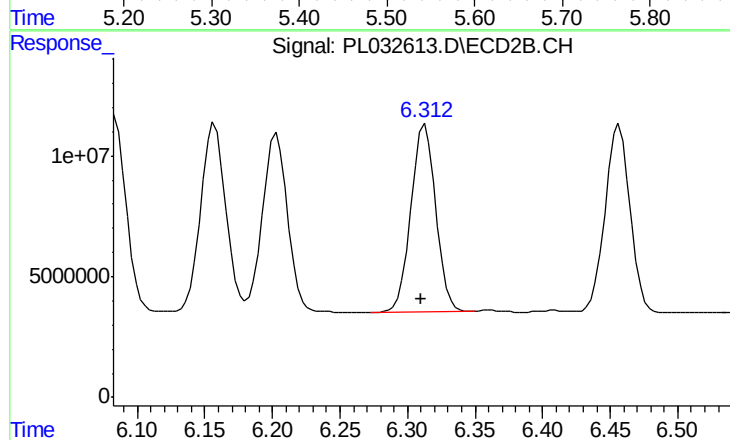
#11 alpha-Chlordane

R.T.: 6.157 min  
Delta R.T.: 0.003 min  
Response: 99074442  
Conc: 52.27 ng/ml



#12 4,4'-DDE

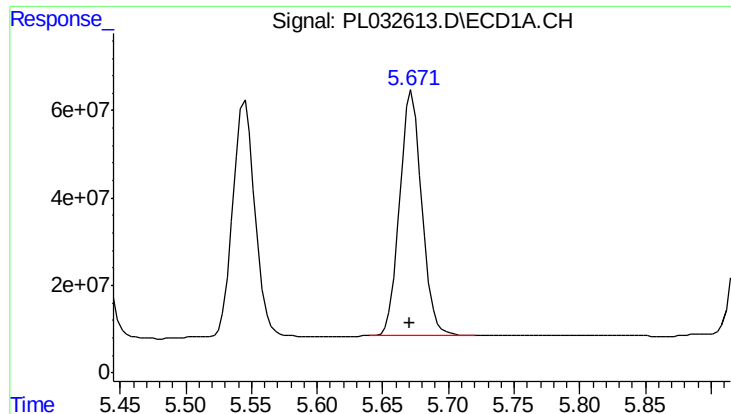
R.T.: 5.545 min  
Delta R.T.: 0.001 min  
Response: 641036778  
Conc: 50.45 ng/ml



#12 4,4'-DDE

R.T.: 6.313 min  
Delta R.T.: 0.003 min  
Response: 99243493  
Conc: 52.04 ng/ml

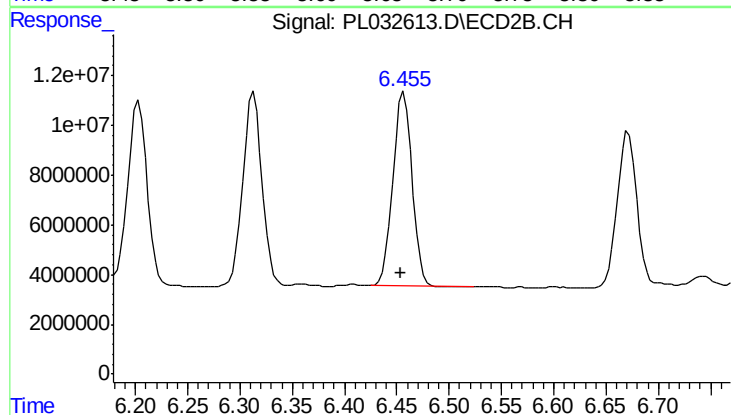




#13 Dieldrin

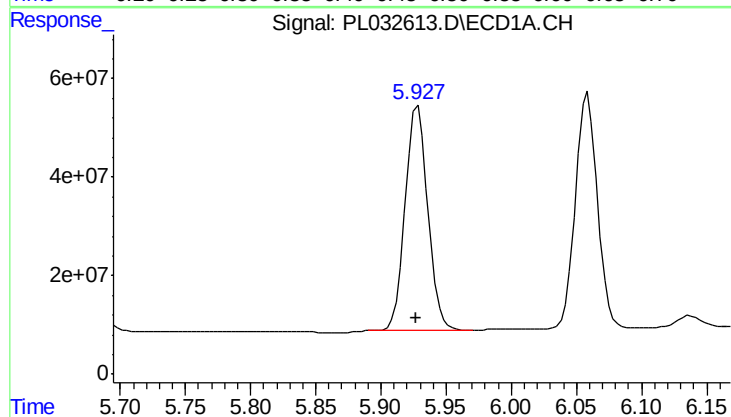
R.T.: 5.672 min  
Delta R.T.: 0.002 min  
Response: 658058813  
Conc: 51.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



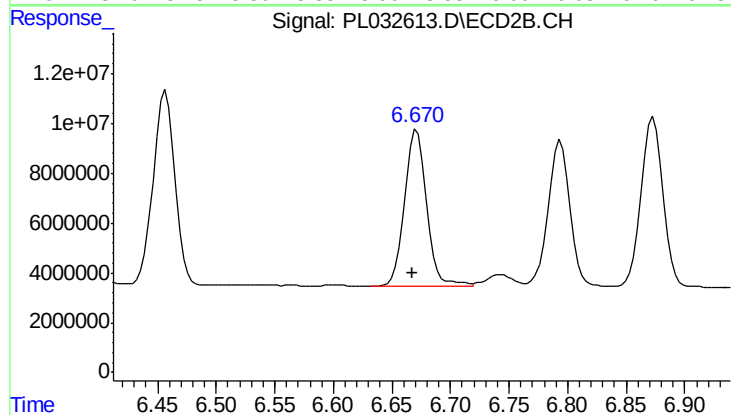
#13 Dieldrin

R.T.: 6.457 min  
Delta R.T.: 0.003 min  
Response: 99366329  
Conc: 52.00 ng/ml



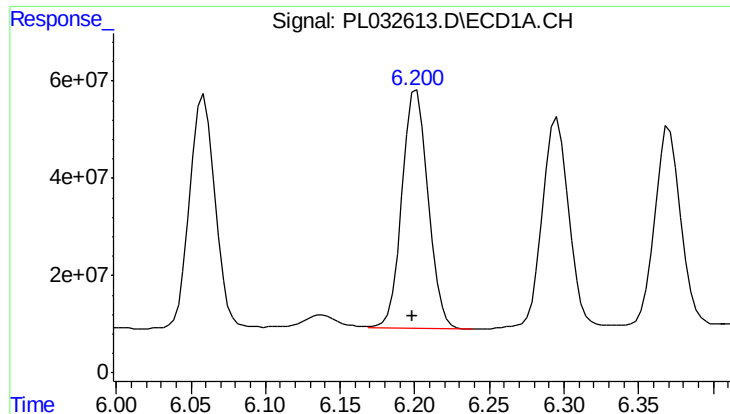
#14 Endrin

R.T.: 5.928 min  
Delta R.T.: 0.002 min  
Response: 550624284  
Conc: 47.15 ng/ml



#14 Endrin

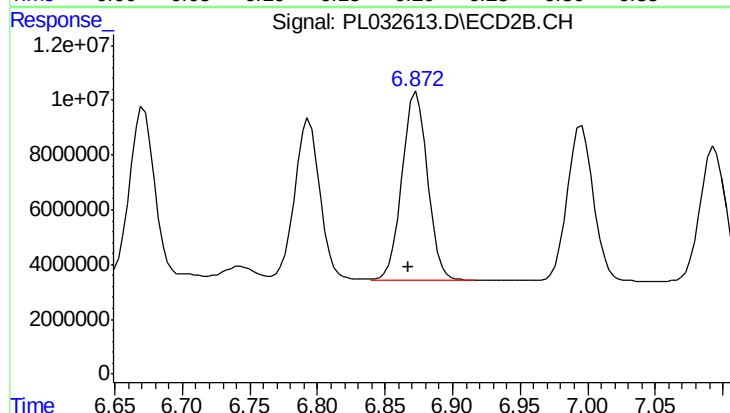
R.T.: 6.671 min  
Delta R.T.: 0.003 min  
Response: 83602486  
Conc: 49.57 ng/ml



#15 Endosulfan II

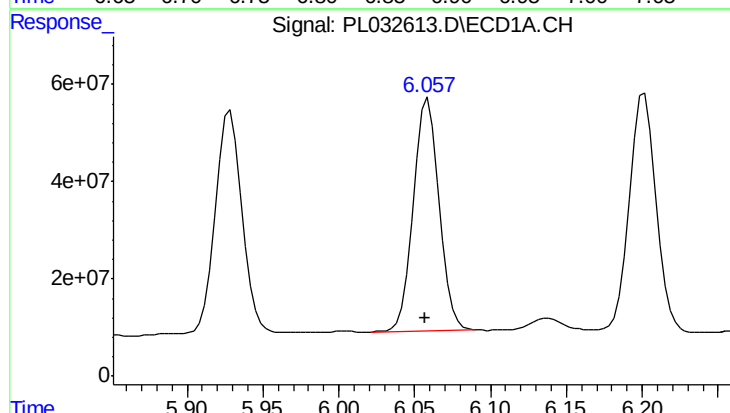
R.T.: 6.201 min  
Delta R.T.: 0.003 min  
Response: 596885550  
Conc: 50.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



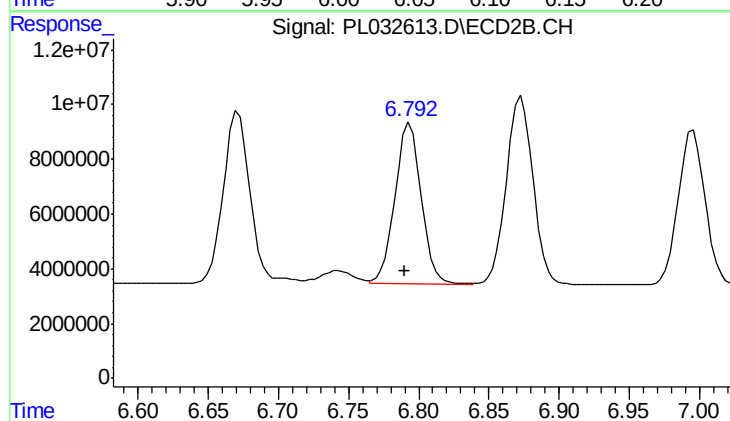
#15 Endosulfan II

R.T.: 6.873 min  
Delta R.T.: 0.006 min  
Response: 90255885  
Conc: 51.26 ng/ml



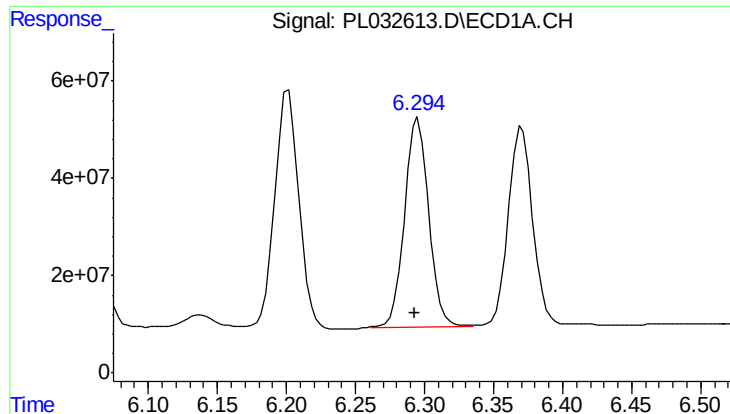
#16 4,4'-DDD

R.T.: 6.059 min  
Delta R.T.: 0.002 min  
Response: 556808016  
Conc: 52.92 ng/ml



#16 4,4'-DDD

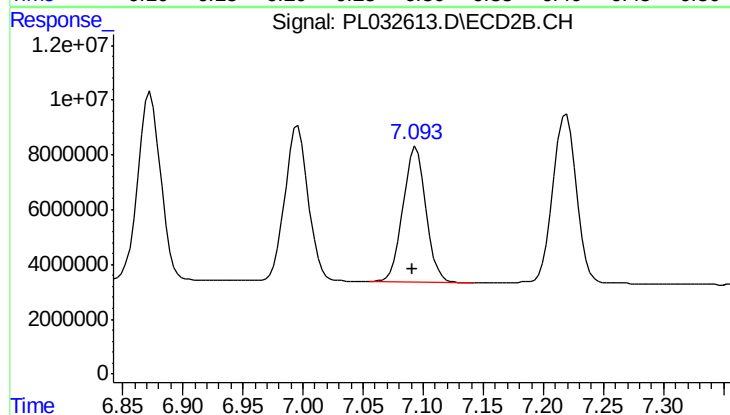
R.T.: 6.794 min  
Delta R.T.: 0.004 min  
Response: 76398913  
Conc: 53.57 ng/ml



#17 4,4'-DDT

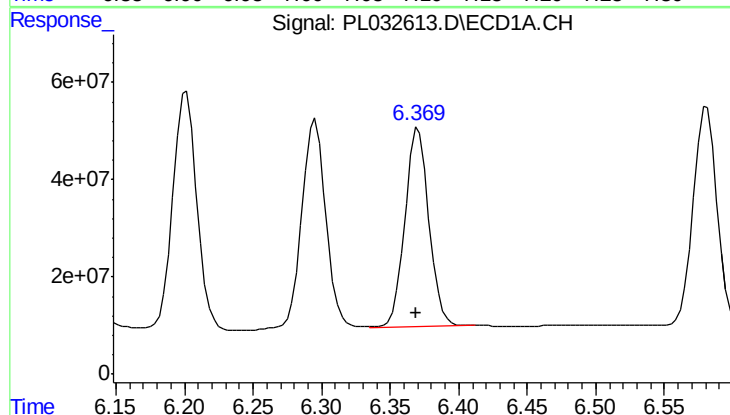
R.T.: 6.295 min  
Delta R.T.: 0.003 min  
Response: 516668480  
Conc: 48.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



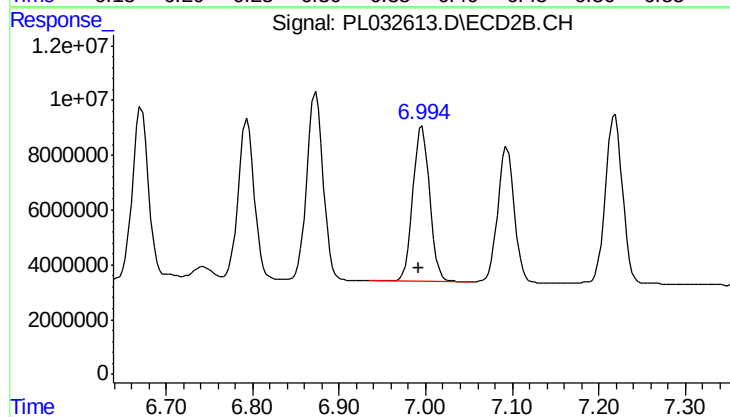
#17 4,4'-DDT

R.T.: 7.094 min  
Delta R.T.: 0.003 min  
Response: 65752180  
Conc: 49.31 ng/ml



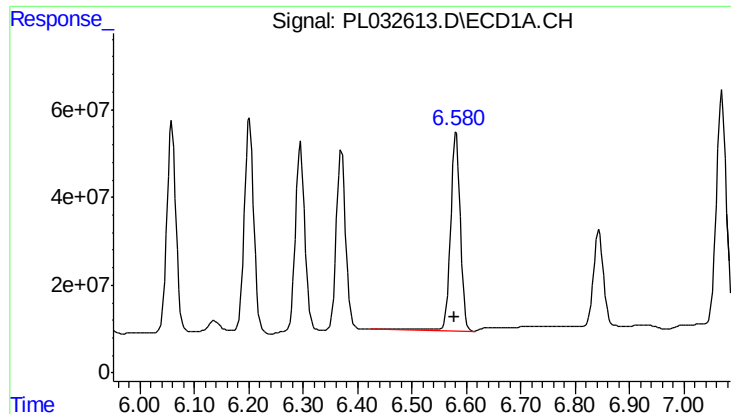
#18 Endrin aldehyde

R.T.: 6.371 min  
Delta R.T.: 0.002 min  
Response: 497400368  
Conc: 50.36 ng/ml



#18 Endrin aldehyde

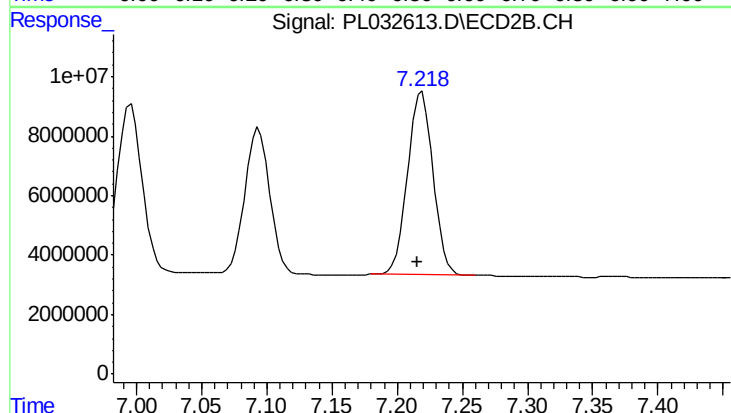
R.T.: 6.996 min  
Delta R.T.: 0.004 min  
Response: 77279512  
Conc: 52.19 ng/ml



#19 Endosulfan Sulfate

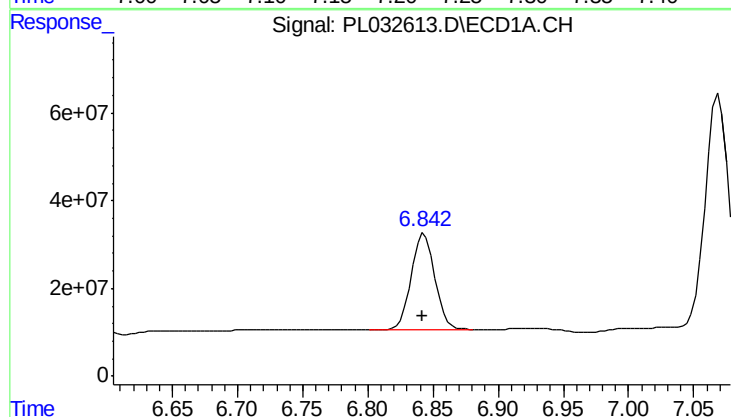
R.T.: 6.581 min  
Delta R.T.: 0.004 min  
Response: 569677430  
Conc: 51.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



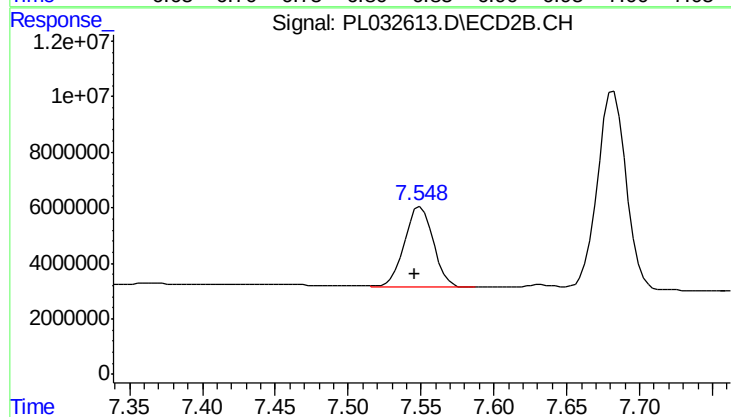
#19 Endosulfan Sulfate

R.T.: 7.219 min  
Delta R.T.: 0.004 min  
Response: 83675957  
Conc: 51.88 ng/ml



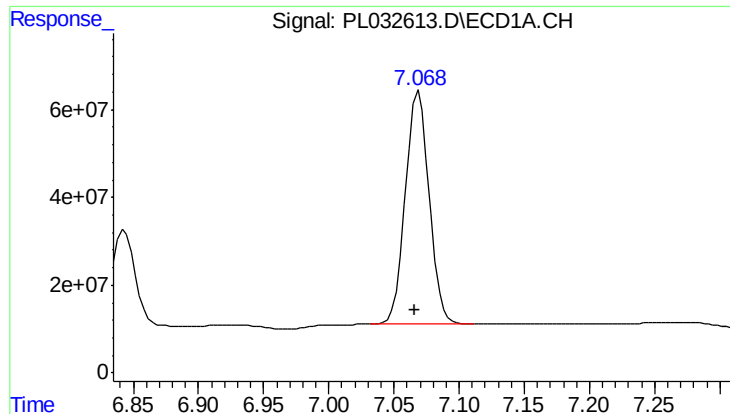
#20 Methoxychlor

R.T.: 6.843 min  
Delta R.T.: 0.002 min  
Response: 273455336  
Conc: 47.06 ng/ml



#20 Methoxychlor

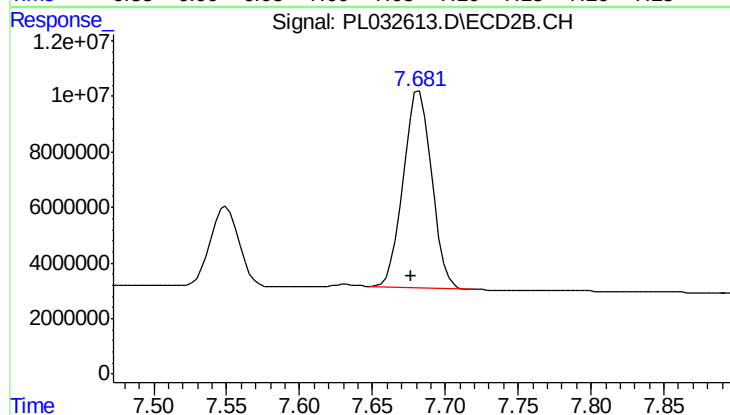
R.T.: 7.550 min  
Delta R.T.: 0.004 min  
Response: 39443759  
Conc: 48.39 ng/ml



#21 Endrin ketone

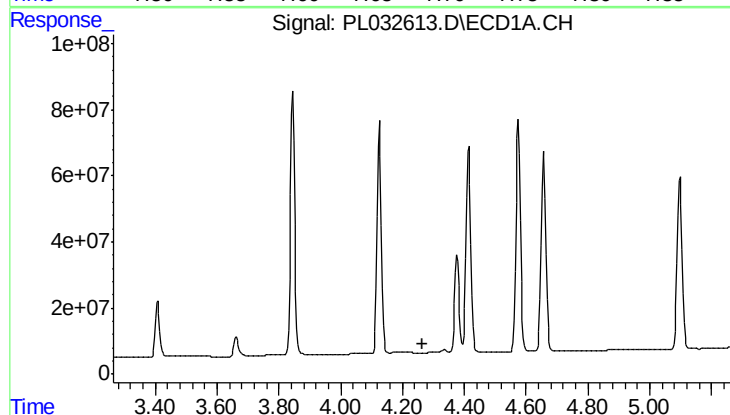
R.T.: 7.069 min  
Delta R.T.: 0.003 min  
Response: 670157911  
Conc: 53.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



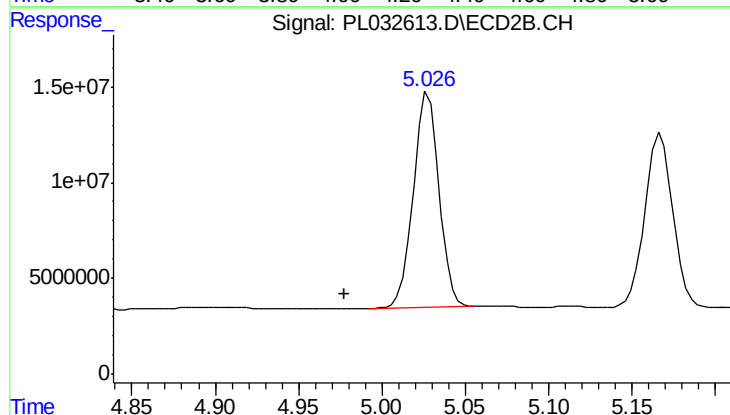
#21 Endrin ketone

R.T.: 7.682 min  
Delta R.T.: 0.006 min  
Response: 96322437  
Conc: 53.34 ng/ml



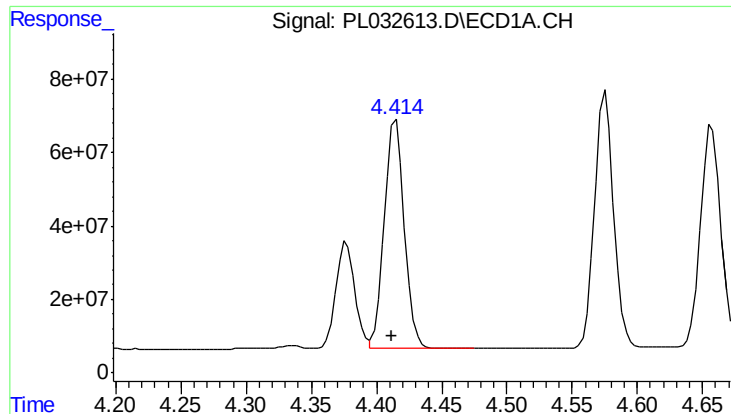
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.263 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

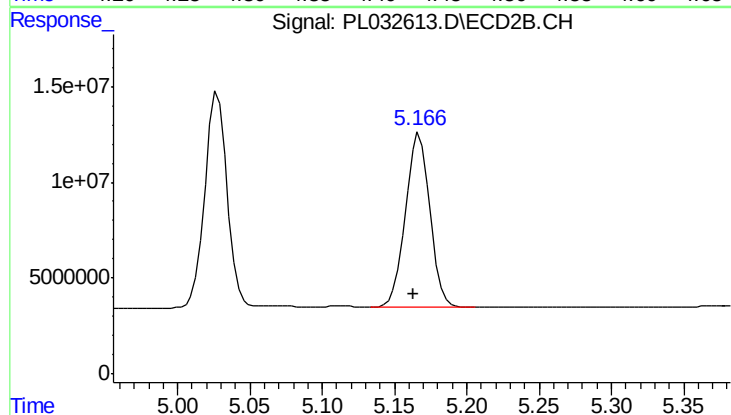
R.T.: 5.028 min  
Delta R.T.: 0.050 min  
Response: 118910417  
Conc: 1537.79 ng/ml



#24 Chlordane-2

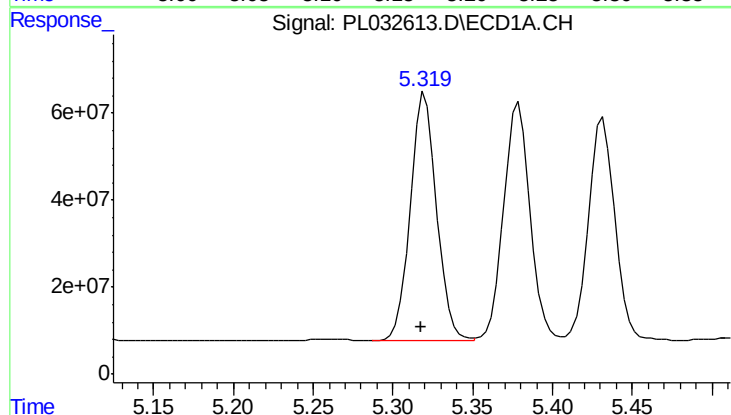
R.T.: 4.415 min  
Delta R.T.: 0.003 min  
Response: 666057583  
Conc: 1084.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



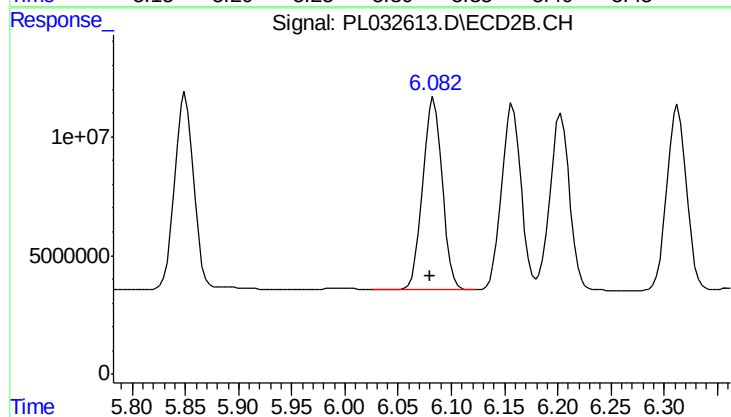
#24 Chlordane-2

R.T.: 5.167 min  
Delta R.T.: 0.004 min  
Response: 106079219  
Conc: 903.96 ng/ml



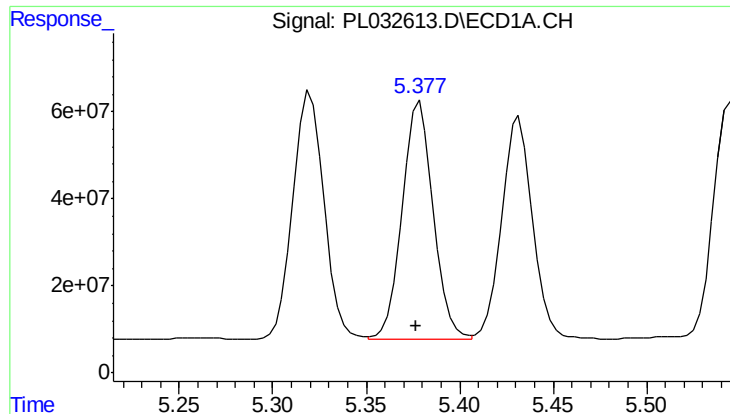
#25 Chlordane-3

R.T.: 5.320 min  
Delta R.T.: 0.002 min  
Response: 656980465  
Conc: 440.15 ng/ml



#25 Chlordane-3

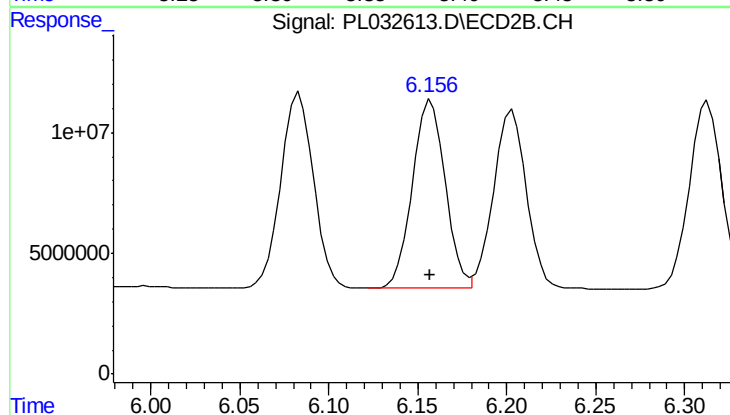
R.T.: 6.083 min  
Delta R.T.: 0.003 min  
Response: 102933774  
Conc: 373.51 ng/ml



#26 Chlordane-4

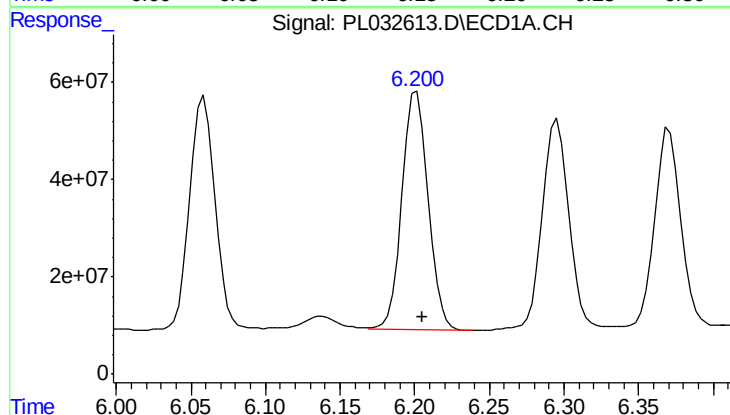
R.T.: 5.379 min  
Delta R.T.: 0.002 min  
Response: 634772459  
Conc: 493.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



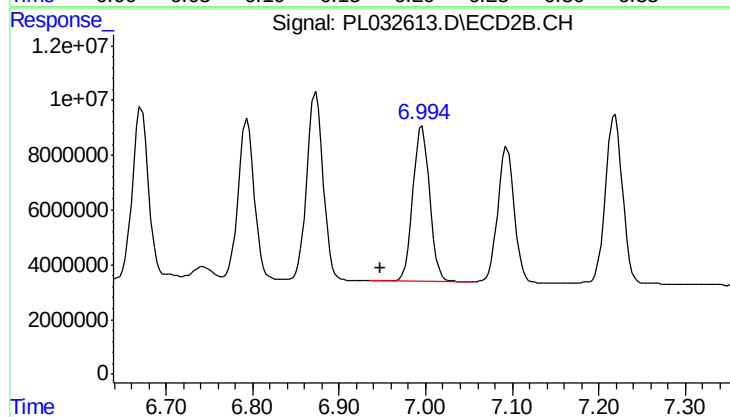
#26 Chlordane-4

R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 99074442  
Conc: 303.25 ng/ml



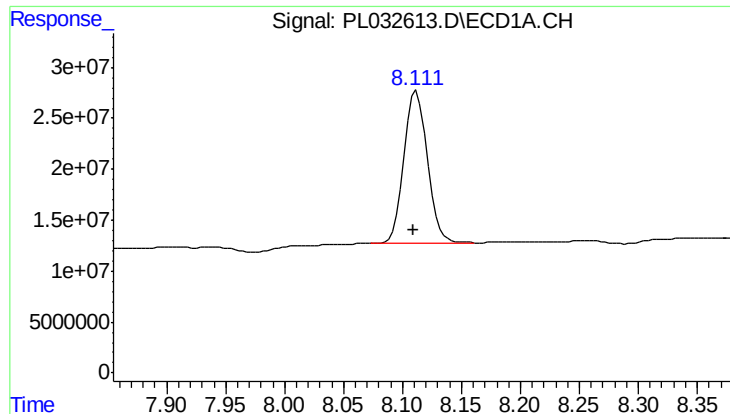
#27 Chlordane-5

R.T.: 6.201 min  
Delta R.T.: -0.004 min  
Response: 596885550  
Conc: 1207.21 ng/ml



#27 Chlordane-5

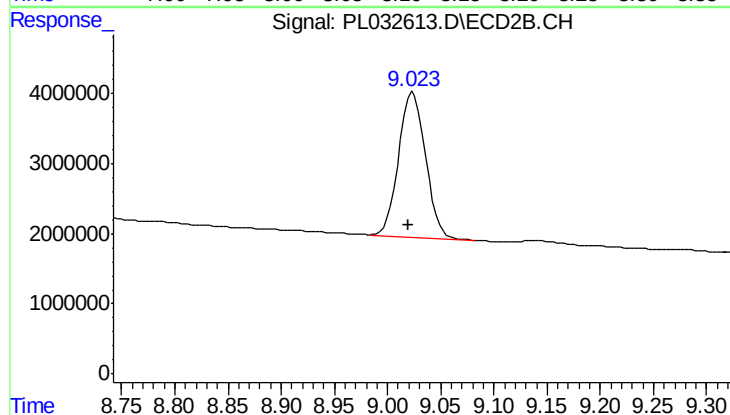
R.T.: 6.996 min  
Delta R.T.: 0.048 min  
Response: 77279512  
Conc: 1282.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.112 min  
Delta R.T.: 0.002 min  
Response: 204383173  
Conc: 17.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB106103BS



#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: 0.005 min  
Response: 35457618  
Conc: 18.64 ng/ml