

Data Path : P:\HPCHEM1\ECD\_L\Data\PL012618\  
 Data File : PL032528.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 26 Jan 2018 23:26  
 Operator : UA\AJ  
 Sample : J1196-17DL 25X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 1017DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 27 04:32:41 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-MR2 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... | 3.407  | 3.990 | 8234375  | 1850608  | 0.921   | 1.478 #  |
| 28)                         | SA Decachlor... | 8.110  | 9.020 | 13724586 | 1394663  | 1.180   | 0.733 #  |
| Target Compounds            |                 |        |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.844  | 4.371 | 315.4E6  | 51013569 | 22.415  | 22.023   |
| 3)                          | MA gamma-BHC... | 4.125  | 4.651 | 1112.4E6 | 197.9E6  | 86.154  | 92.135   |
| 4)                          | MA Heptachlor   | 4.414  | 5.166 | 395.6E6  | 62356486 | 29.885  | 29.868   |
| 5)                          | MB Aldrin       | 4.656  | 5.469 | 108.8E6  | 18335469 | 8.465   | 8.756    |
| 6)                          | B beta-BHC      | 4.376  | 4.812 | 202.0E6  | 34541909 | 35.361  | 36.192   |
| 7)                          | B delta-BHC     | 0.000  | 5.027 | 0        | 538010   | N.D.    | 0.242 #  |
| 8)                          | B Heptachlo...  | 5.097  | 5.848 | 256.4E6  | 41797537 | 21.663  | 23.378   |
| 9)                          | A Endosulfan I  | 5.430  | 6.201 | 284.7E6  | 46176024 | 24.946  | 25.591   |
| 10)                         | B gamma-Chl...  | 5.319  | 6.081 | 513.3E6  | 80521207 | 39.774  | 41.297   |
| 11)                         | B alpha-Chl...  | 5.377  | 6.155 | 88584648 | 14509249 | 7.120   | 7.655    |
| 12)                         | B 4,4'-DDE      | 5.544  | 6.311 | 396.2E6  | 63925181 | 31.179  | 33.520   |
| 13)                         | MA Dieldrin     | 5.671  | 6.454 | 240.8E6  | 37326125 | 18.805  | 19.532   |
| 14)                         | MA Endrin       | 5.927  | 6.669 | 540.6E6  | 82807924 | 46.291  | 49.104   |
| 15)                         | B Endosulfa...  | 6.136f | 0.000 | 36371791 | 0        | 3.100   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.057  | 6.791 | 277.7E6  | 38027164 | 26.392  | 26.663   |
| 17)                         | MA 4,4'-DDT     | 6.294  | 7.091 | 136.0E6  | 18483088 | 12.865  | 13.861   |
| 18)                         | B Endrin al...  | 6.369  | 6.993 | 31415563 | 5594097  | 3.181   | 3.778    |
| 19)                         | B Endosulfa...  | 6.579  | 7.216 | 211.2E6  | 30733380 | 19.062  | 19.056   |
| 20)                         | A Methoxychlor  | 6.842  | 7.547 | 345.8E6  | 50733828 | 59.524  | 62.242   |
| 21)                         | B Endrin ke...  | 7.066  | 7.679 | 521.0E6  | 74476001 | 41.594  | 41.239   |
| 23)                         | Chlordane-1     | 0.000  | 5.027 | 0        | 538010   | N.D.    | 6.958 #  |
| 24)                         | Chlordane-2     | 4.414  | 5.166 | 395.6E6  | 62356486 | 644.257 | 531.374  |
| 25)                         | Chlordane-3     | 5.319  | 6.081 | 513.3E6  | 80521207 | 343.918 | 292.180  |
| 26)                         | Chlordane-4     | 5.377  | 6.155 | 88584648 | 14509249 | 68.871  | 44.410 # |
| 27)                         | Chlordane-5     | 6.136  | 6.993 | 36371791 | 5594097  | 73.562  | 92.824 # |
| -----                       |                 |        |       |          |          |         |          |

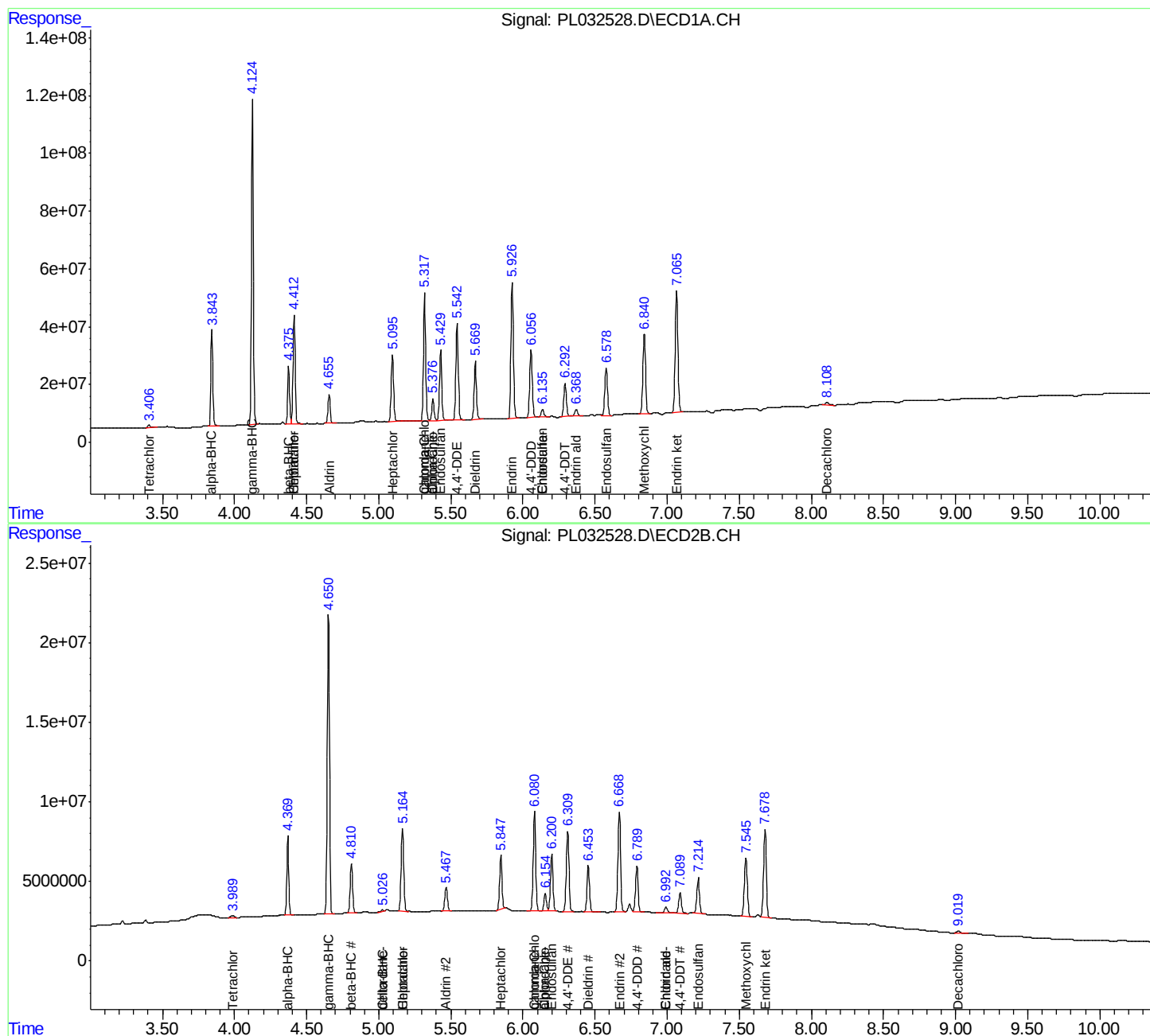
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

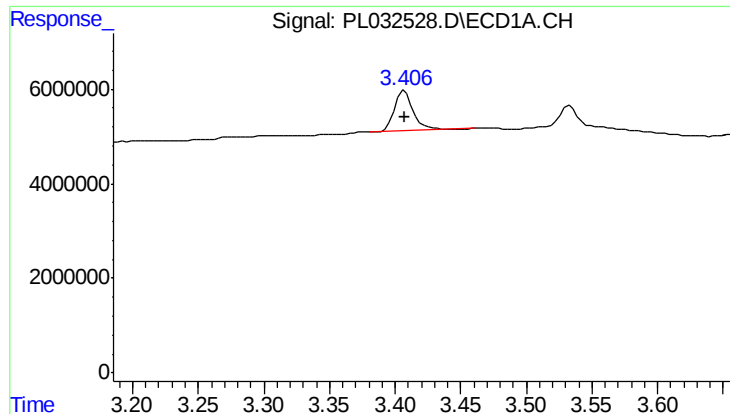
Data Path : P:\HPCHEM1\ECD\_L\Data\PL012618\  
Data File : PL032528.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 26 Jan 2018 23:26  
Operator : UA\AJ  
Sample : J1196-17DL 25X  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 27 04:32:41 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

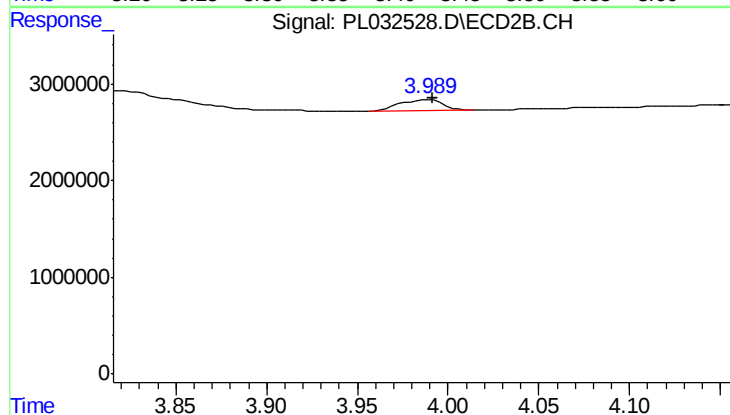




#1 Tetrachloro-m-xylene

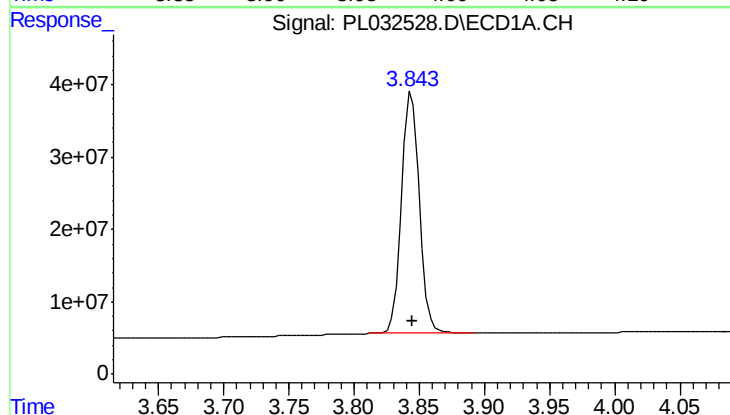
R.T.: 3.407 min  
Delta R.T.: 0.000 min  
Response: 8234375  
Conc: 0.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



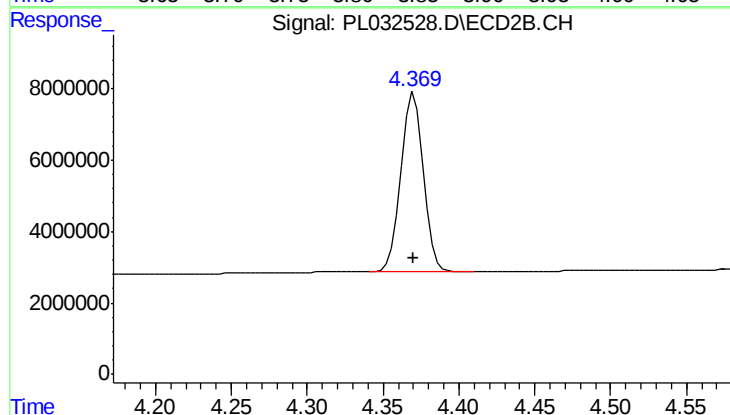
#1 Tetrachloro-m-xylene

R.T.: 3.990 min  
Delta R.T.: 0.000 min  
Response: 1850608  
Conc: 1.48 ng/ml



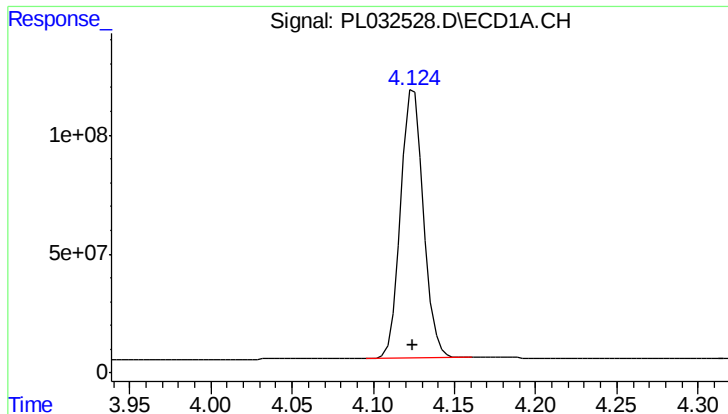
#2 alpha-BHC

R.T.: 3.844 min  
Delta R.T.: 0.000 min  
Response: 315392917  
Conc: 22.42 ng/ml



#2 alpha-BHC

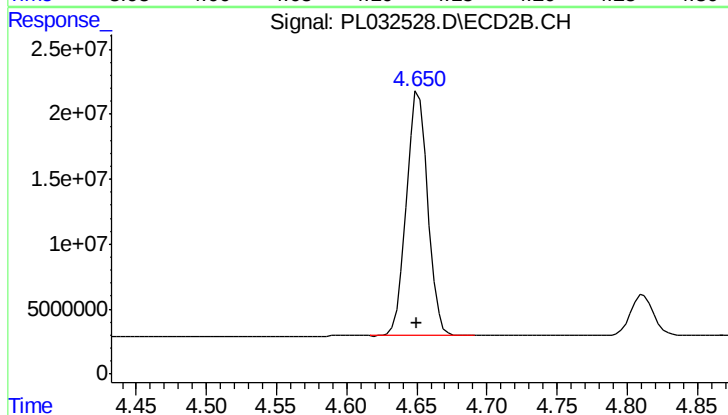
R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 51013569  
Conc: 22.02 ng/ml



#3 gamma-BHC (Lindane)

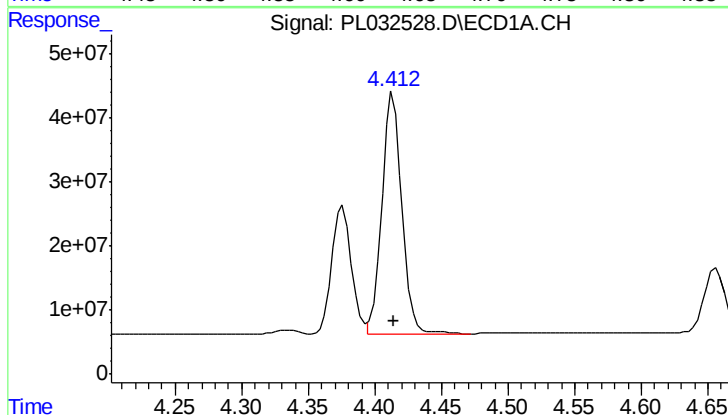
R.T.: 4.125 min  
Delta R.T.: 0.000 min  
Response: 1112414265  
Conc: 86.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



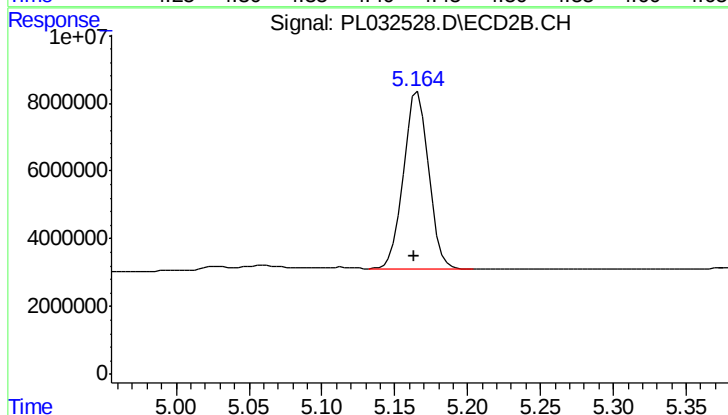
#3 gamma-BHC (Lindane)

R.T.: 4.651 min  
Delta R.T.: 0.001 min  
Response: 197916538  
Conc: 92.14 ng/ml



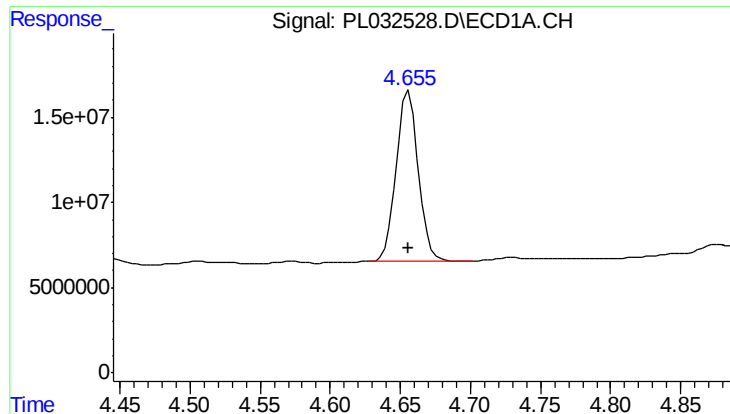
#4 Heptachlor

R.T.: 4.414 min  
Delta R.T.: 0.000 min  
Response: 395596728  
Conc: 29.88 ng/ml



#4 Heptachlor

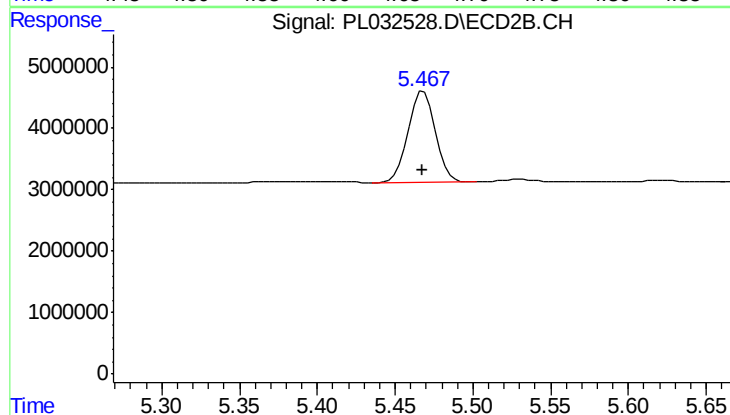
R.T.: 5.166 min  
Delta R.T.: 0.002 min  
Response: 62356486  
Conc: 29.87 ng/ml



#5 Aldrin

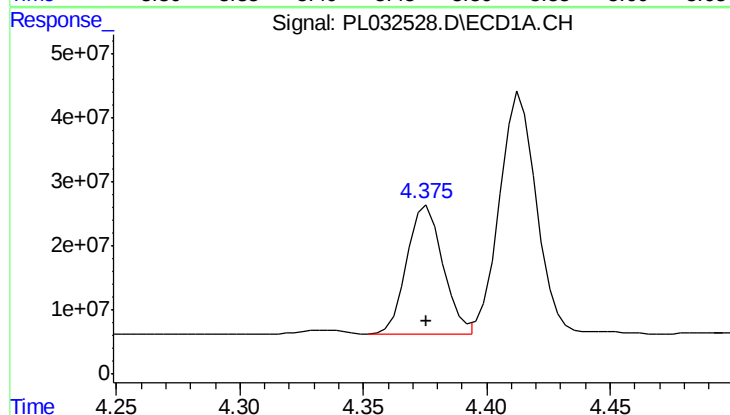
R.T.: 4.656 min  
Delta R.T.: 0.000 min  
Response: 108799662  
Conc: 8.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



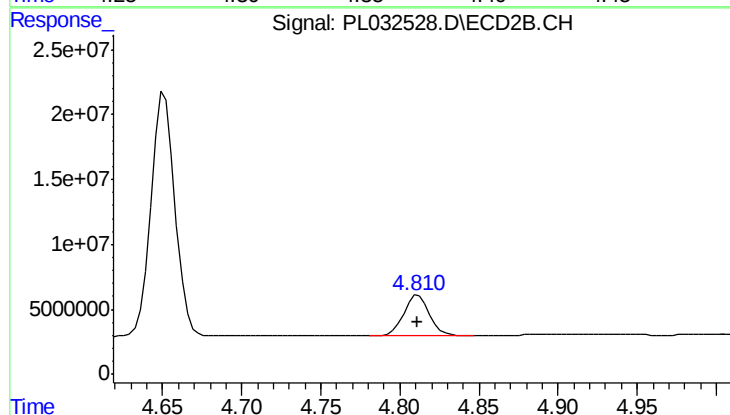
#5 Aldrin

R.T.: 5.469 min  
Delta R.T.: 0.000 min  
Response: 18335469  
Conc: 8.76 ng/ml



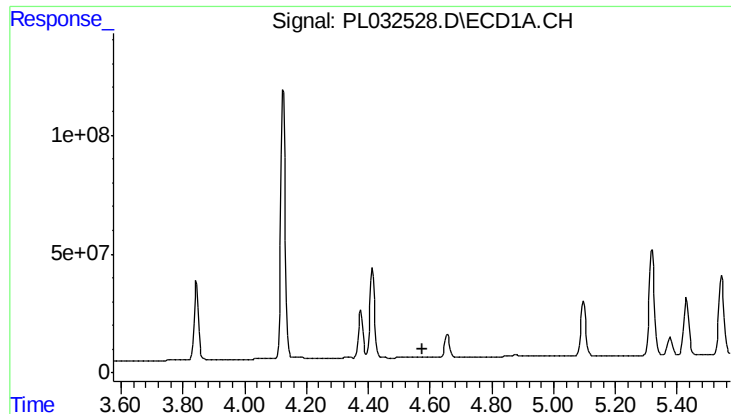
#6 beta-BHC

R.T.: 4.376 min  
Delta R.T.: 0.000 min  
Response: 201957376  
Conc: 35.36 ng/ml



#6 beta-BHC

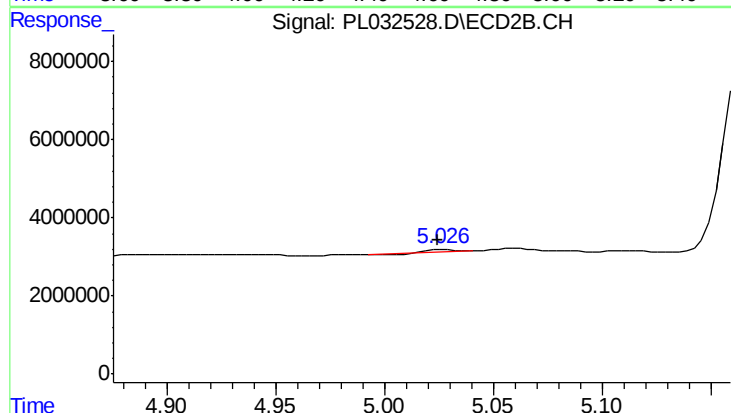
R.T.: 4.812 min  
Delta R.T.: 0.000 min  
Response: 34541909  
Conc: 36.19 ng/ml



#7 delta-BHC

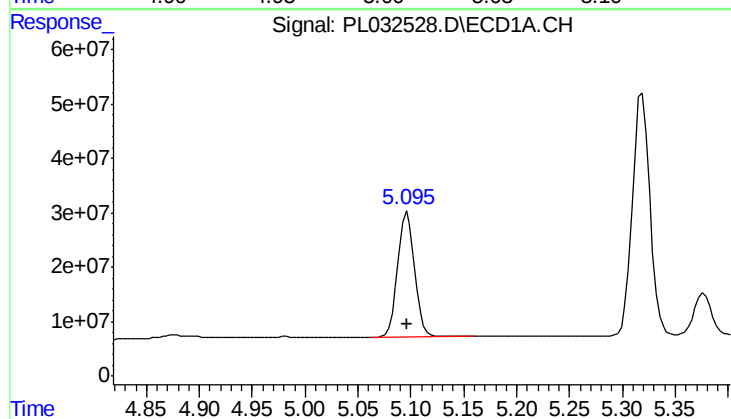
R.T.: 0.000 min  
Exp R.T.: 4.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



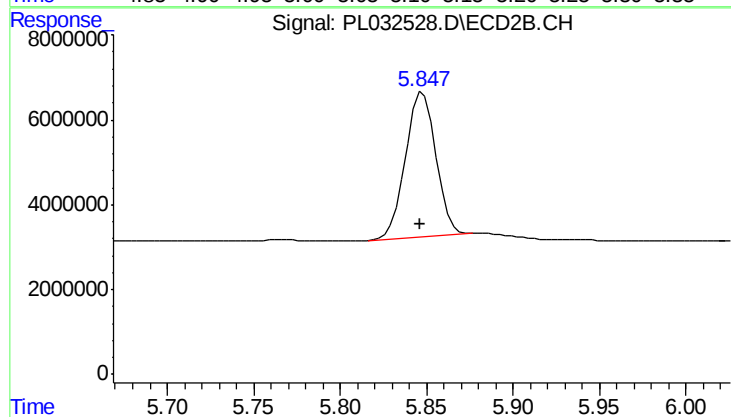
#7 delta-BHC

R.T.: 5.027 min  
Delta R.T.: 0.002 min  
Response: 538010  
Conc: 0.24 ng/ml



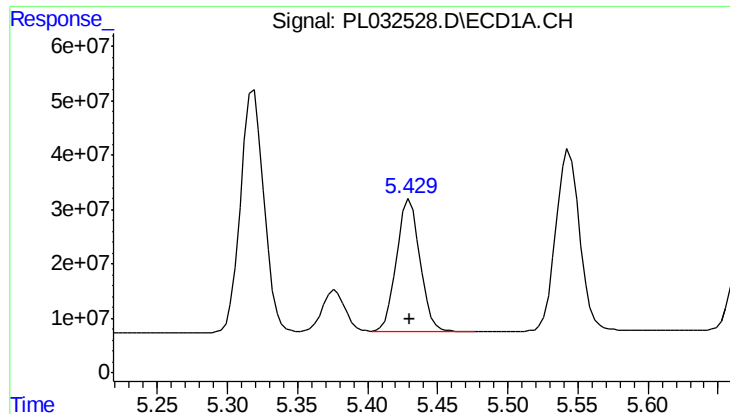
#8 Heptachlor epoxide

R.T.: 5.097 min  
Delta R.T.: 0.000 min  
Response: 256400062  
Conc: 21.66 ng/ml



#8 Heptachlor epoxide

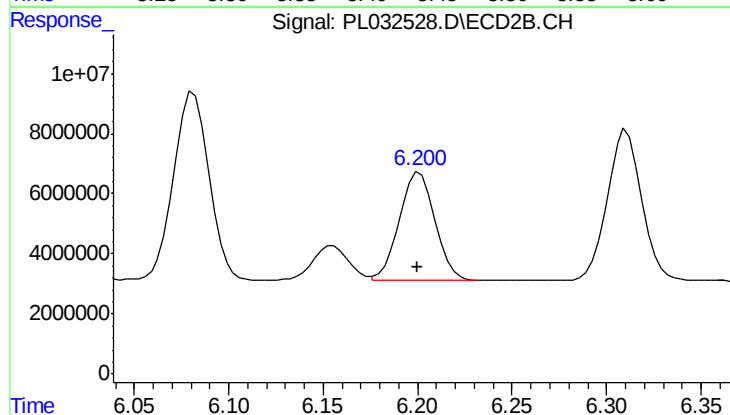
R.T.: 5.848 min  
Delta R.T.: 0.002 min  
Response: 41797537  
Conc: 23.38 ng/ml



#9 Endosulfan I

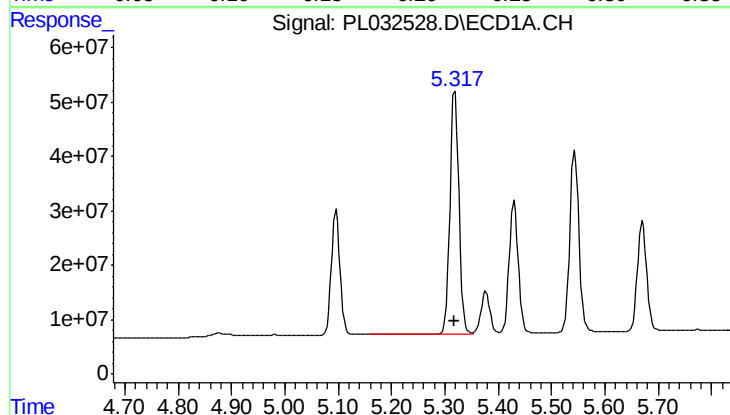
R.T.: 5.430 min  
Delta R.T.: 0.000 min  
Response: 284740696  
Conc: 24.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



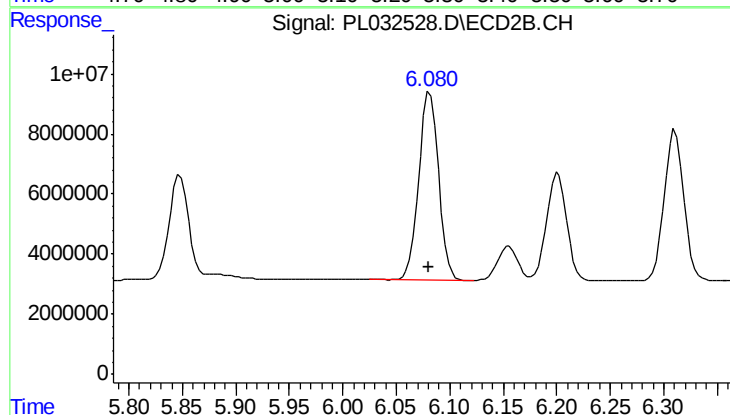
#9 Endosulfan I

R.T.: 6.201 min  
Delta R.T.: 0.000 min  
Response: 46176024  
Conc: 25.59 ng/ml



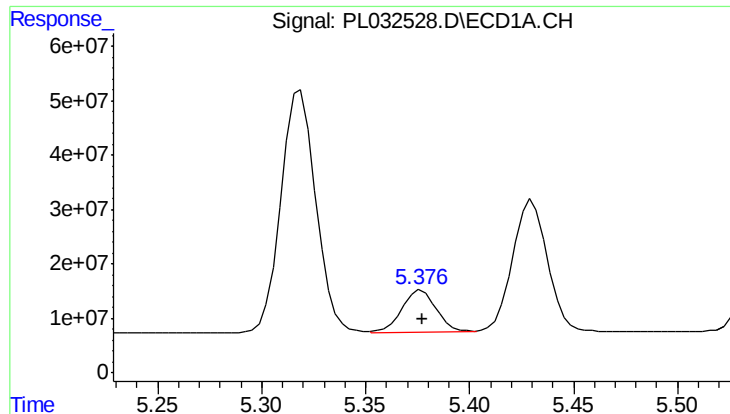
#10 gamma-Chlordane

R.T.: 5.319 min  
Delta R.T.: 0.001 min  
Response: 513342307  
Conc: 39.77 ng/ml



#10 gamma-Chlordane

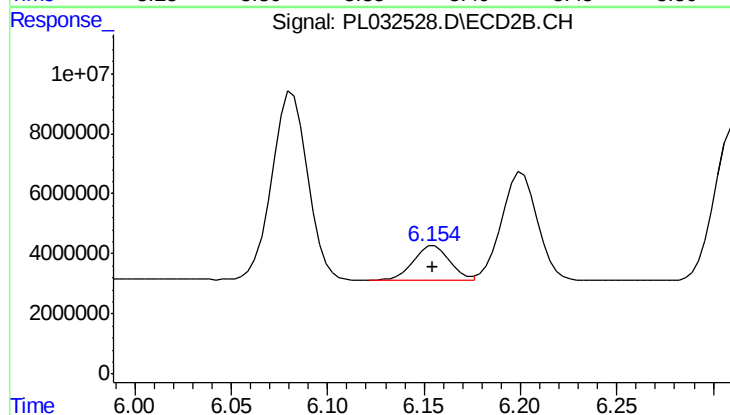
R.T.: 6.081 min  
Delta R.T.: 0.000 min  
Response: 80521207  
Conc: 41.30 ng/ml



#11 alpha-Chlordane

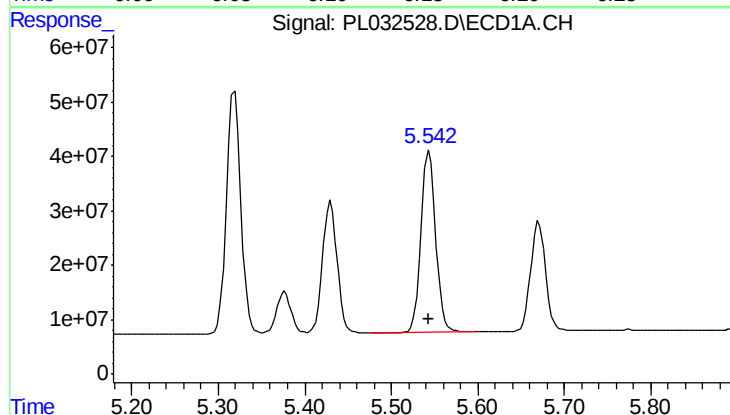
R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 88584648  
Conc: 7.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



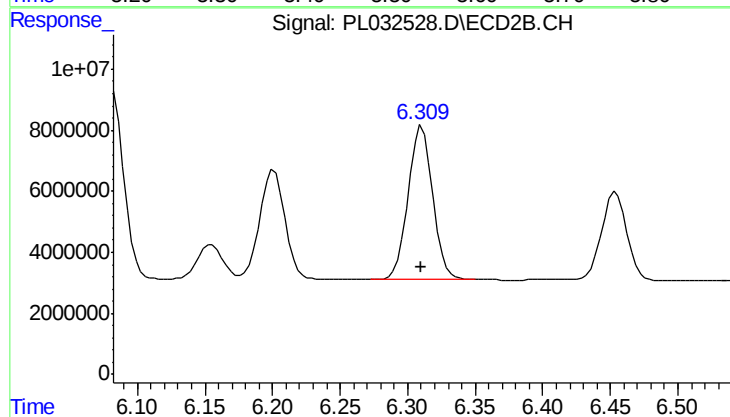
#11 alpha-Chlordane

R.T.: 6.155 min  
Delta R.T.: 0.000 min  
Response: 14509249  
Conc: 7.66 ng/ml



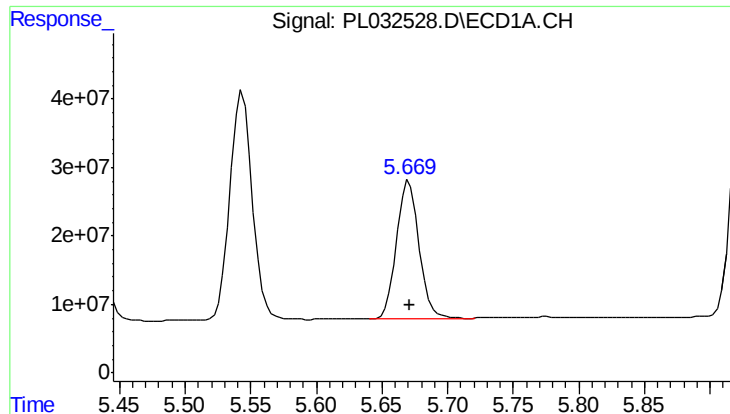
#12 4,4'-DDE

R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 396152049  
Conc: 31.18 ng/ml



#12 4,4'-DDE

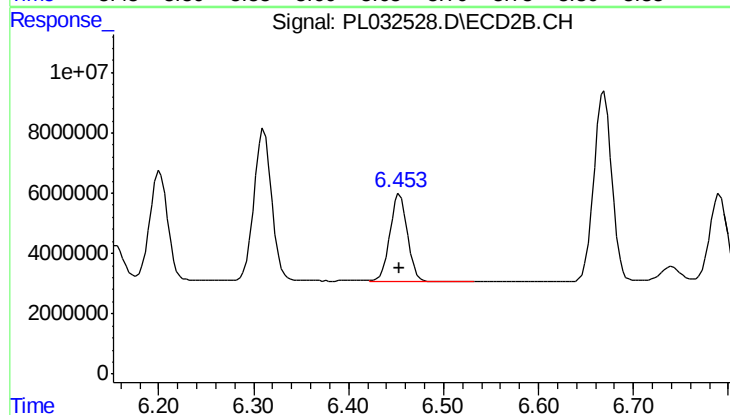
R.T.: 6.311 min  
Delta R.T.: 0.001 min  
Response: 63925181  
Conc: 33.52 ng/ml



#13 Dielddrin

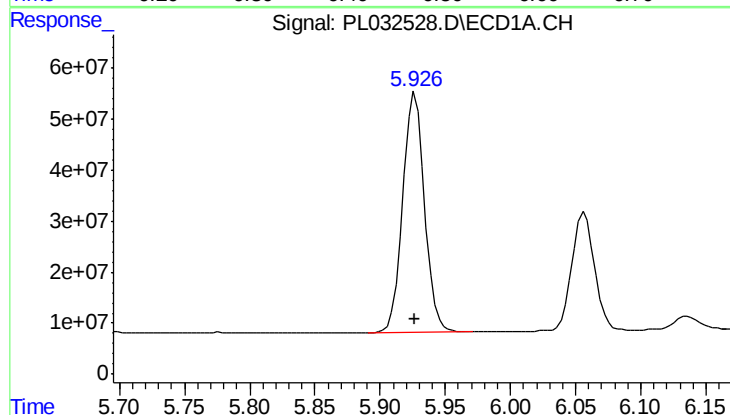
R.T.: 5.671 min  
Delta R.T.: 0.000 min  
Response: 240751368  
Conc: 18.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



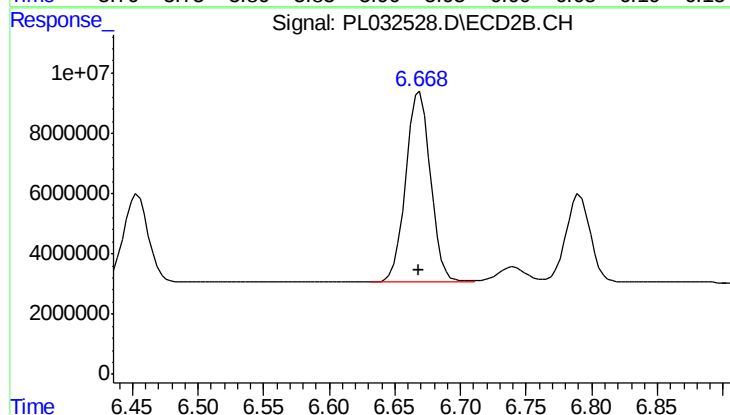
#13 Dielddrin

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 37326125  
Conc: 19.53 ng/ml



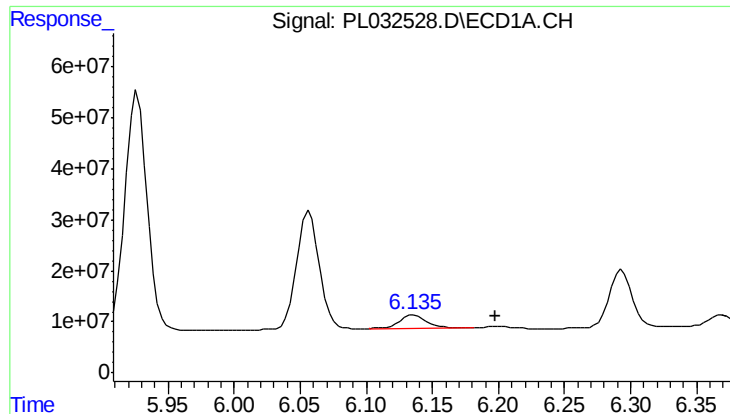
#14 Endrin

R.T.: 5.927 min  
Delta R.T.: 0.000 min  
Response: 540597127  
Conc: 46.29 ng/ml



#14 Endrin

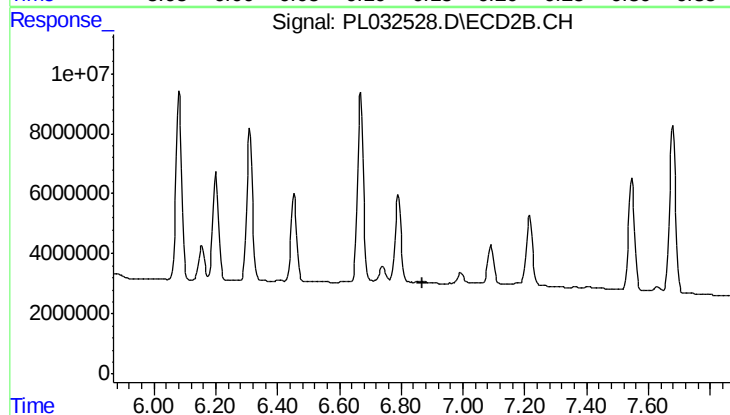
R.T.: 6.669 min  
Delta R.T.: 0.001 min  
Response: 82807924  
Conc: 49.10 ng/ml



#15 Endosulfan II

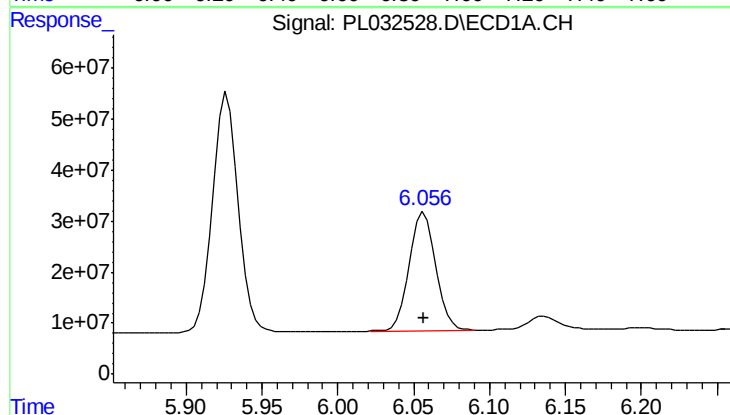
R.T.: 6.136 min  
Delta R.T.: -0.062 min  
Response: 36371791  
Conc: 3.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



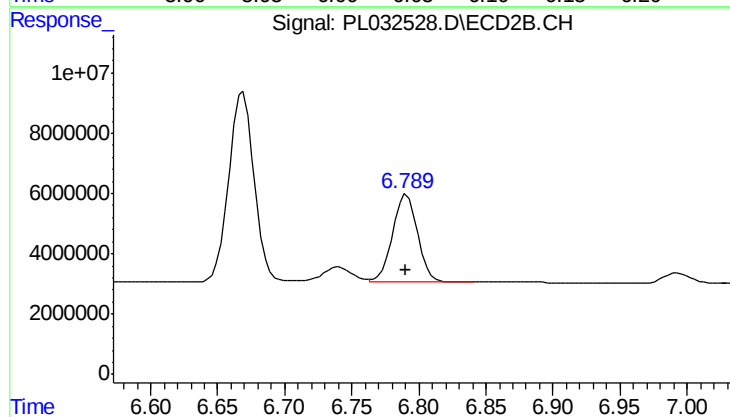
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.868 min  
Response: 0  
Conc: N.D.



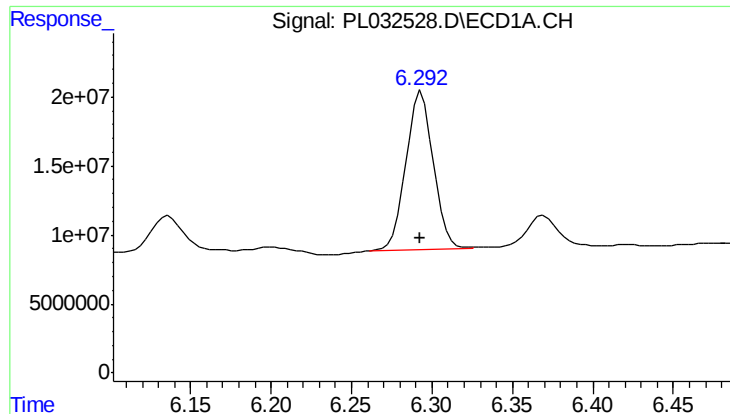
#16 4,4'-DDD

R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 277682110  
Conc: 26.39 ng/ml



#16 4,4'-DDD

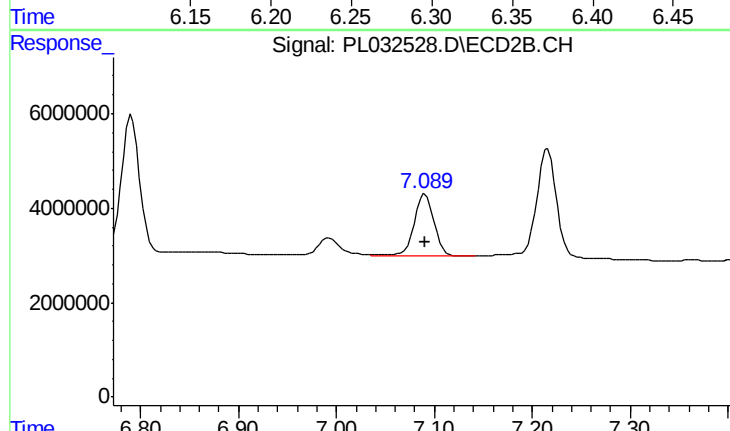
R.T.: 6.791 min  
Delta R.T.: 0.000 min  
Response: 38027164  
Conc: 26.66 ng/ml



#17 4,4'-DDT

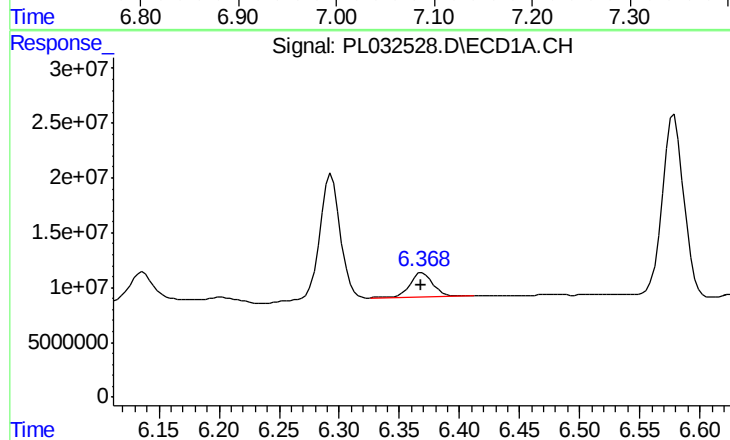
R.T.: 6.294 min  
Delta R.T.: 0.000 min  
Response: 135993425  
Conc: 12.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



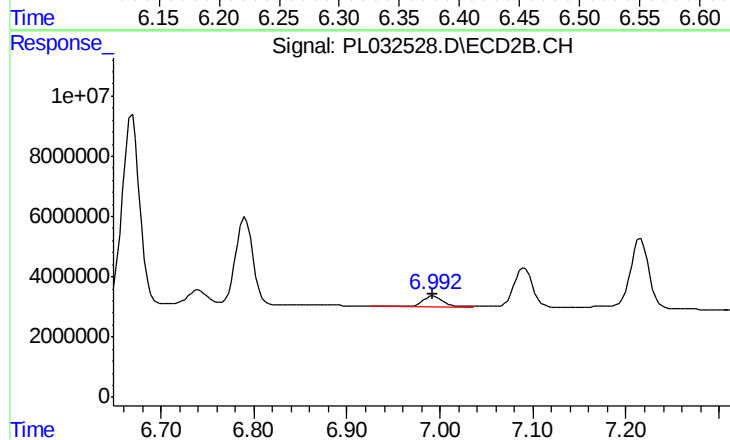
#17 4,4'-DDT

R.T.: 7.091 min  
Delta R.T.: 0.000 min  
Response: 18483088  
Conc: 13.86 ng/ml



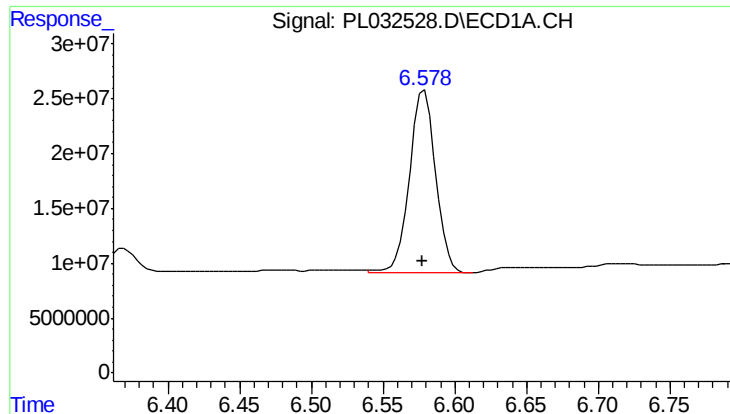
#18 Endrin aldehyde

R.T.: 6.369 min  
Delta R.T.: 0.000 min  
Response: 31415563  
Conc: 3.18 ng/ml



#18 Endrin aldehyde

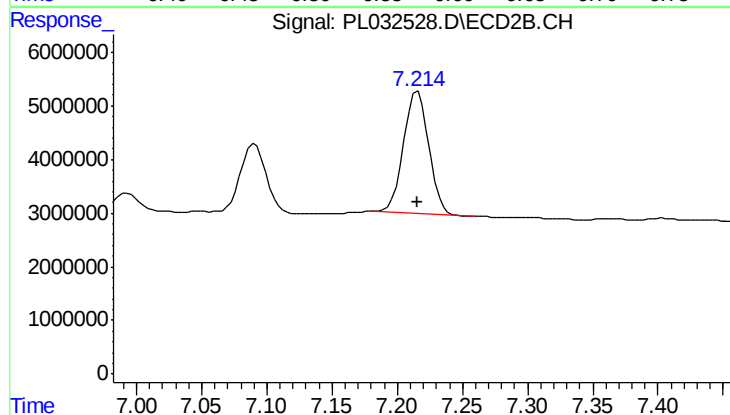
R.T.: 6.993 min  
Delta R.T.: 0.001 min  
Response: 5594097  
Conc: 3.78 ng/ml



#19 Endosulfan Sulfate

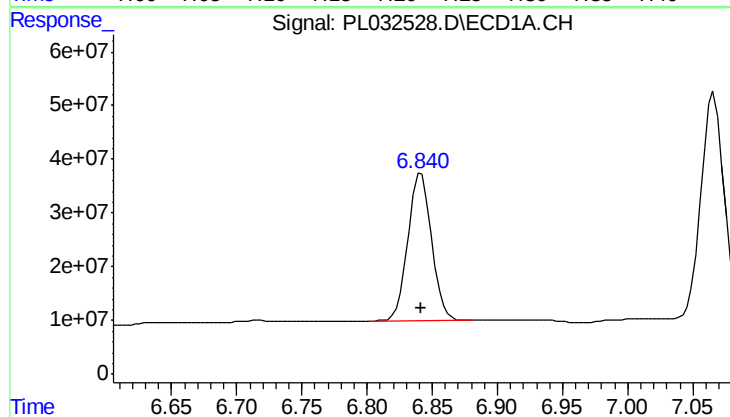
R.T.: 6.579 min  
Delta R.T.: 0.002 min  
Response: 211154557  
Conc: 19.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



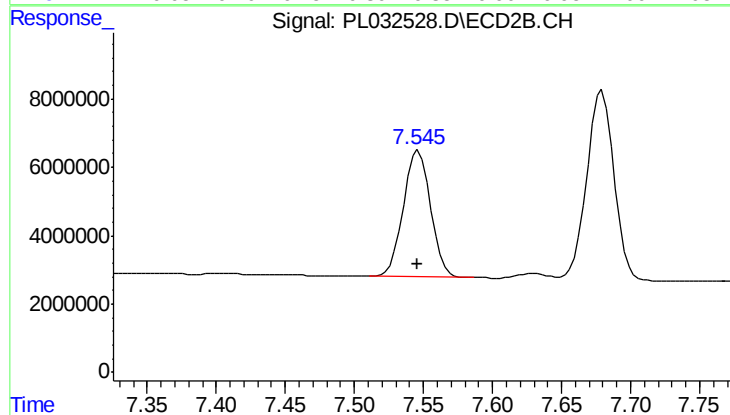
#19 Endosulfan Sulfate

R.T.: 7.216 min  
Delta R.T.: 0.000 min  
Response: 30733380  
Conc: 19.06 ng/ml



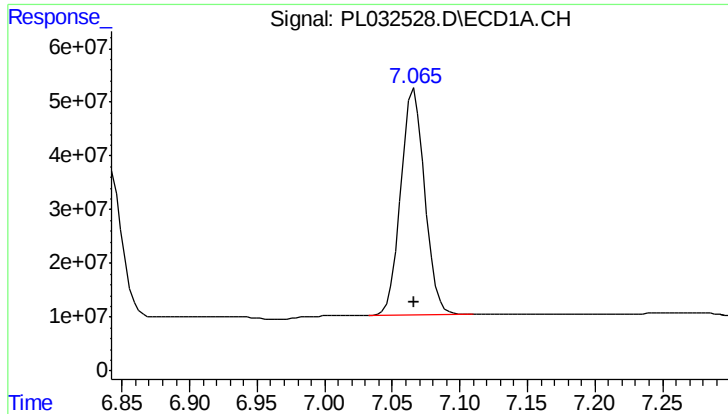
#20 Methoxychlor

R.T.: 6.842 min  
Delta R.T.: 0.000 min  
Response: 345847434  
Conc: 59.52 ng/ml



#20 Methoxychlor

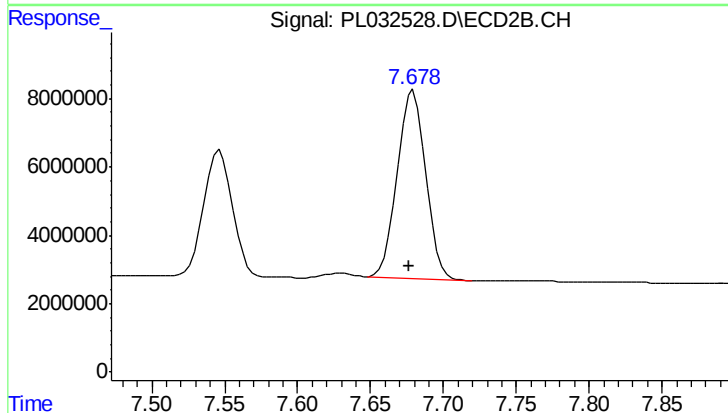
R.T.: 7.547 min  
Delta R.T.: 0.001 min  
Response: 50733828  
Conc: 62.24 ng/ml



#21 Endrin ketone

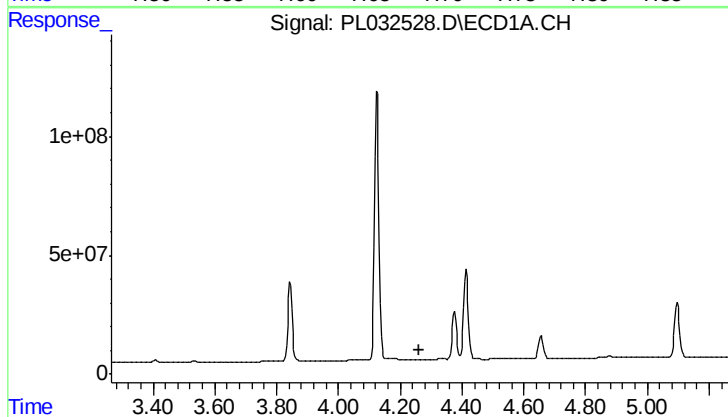
R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 520984917  
Conc: 41.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



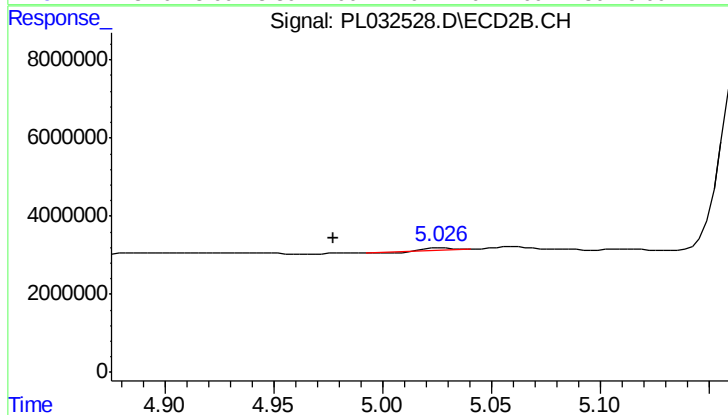
#21 Endrin ketone

R.T.: 7.679 min  
Delta R.T.: 0.003 min  
Response: 74476001  
Conc: 41.24 ng/ml



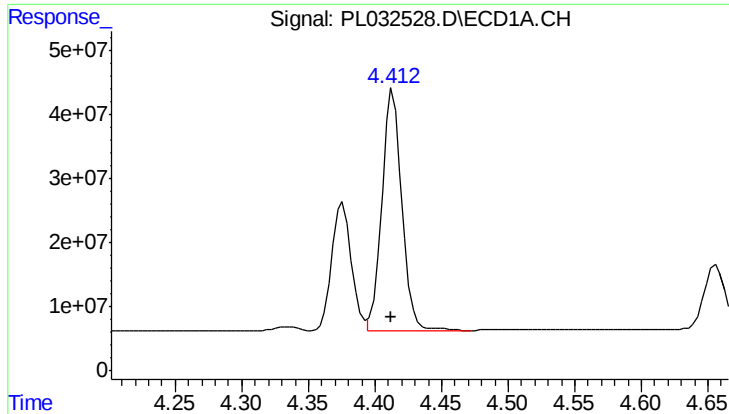
#23 Chlordane-1

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



#23 Chlordane-1

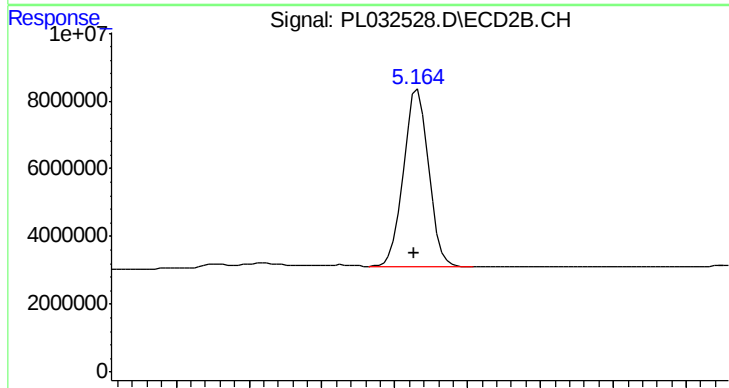
R.T.: 5.027 min  
Delta R.T.: 0.049 min  
Response: 538010  
Conc: 6.96 ng/ml



#24 Chlordane-2

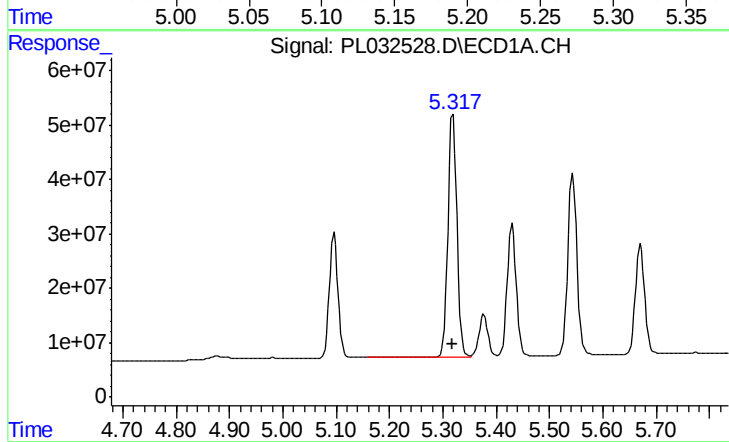
R.T.: 4.414 min  
Delta R.T.: 0.002 min  
Response: 395596728  
Conc: 644.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



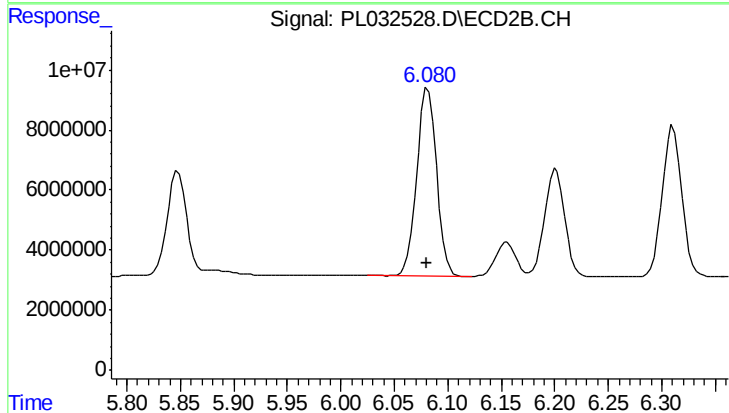
#24 Chlordane-2

R.T.: 5.166 min  
Delta R.T.: 0.003 min  
Response: 62356486  
Conc: 531.37 ng/ml



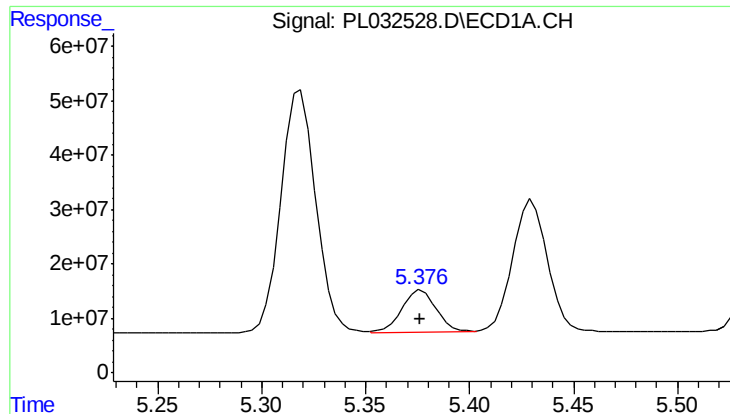
#25 Chlordane-3

R.T.: 5.319 min  
Delta R.T.: 0.000 min  
Response: 513342307  
Conc: 343.92 ng/ml



#25 Chlordane-3

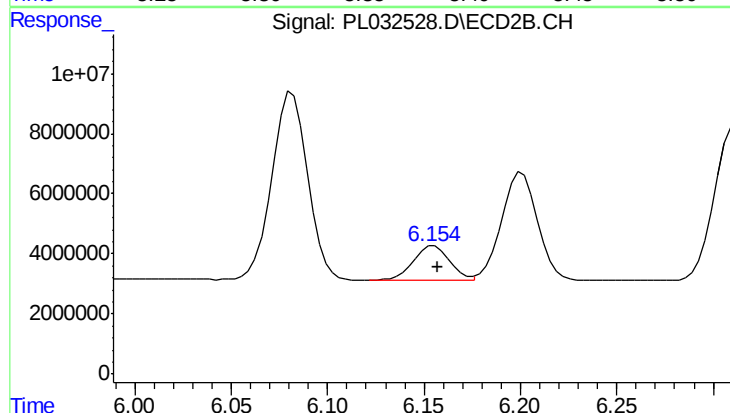
R.T.: 6.081 min  
Delta R.T.: 0.001 min  
Response: 80521207  
Conc: 292.18 ng/ml



#26 Chlordane-4

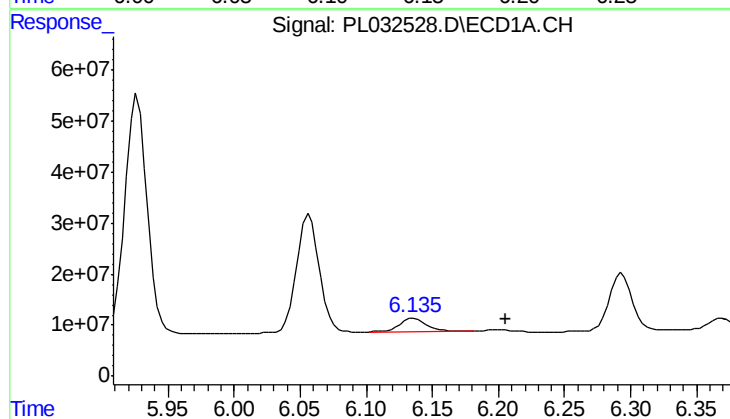
R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 88584648  
Conc: 68.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



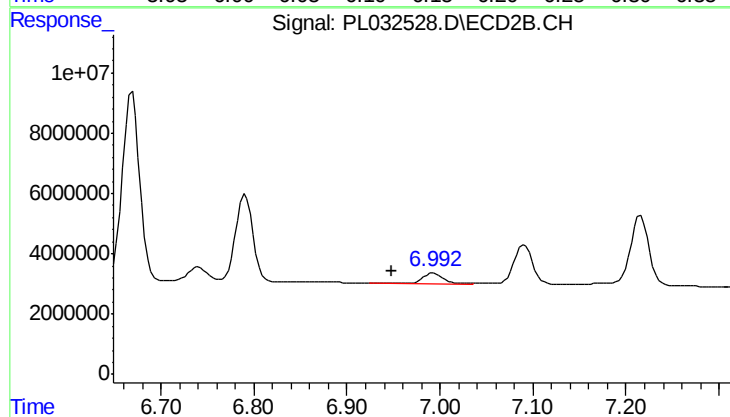
#26 Chlordane-4

R.T.: 6.155 min  
Delta R.T.: -0.002 min  
Response: 14509249  
Conc: 44.41 ng/ml



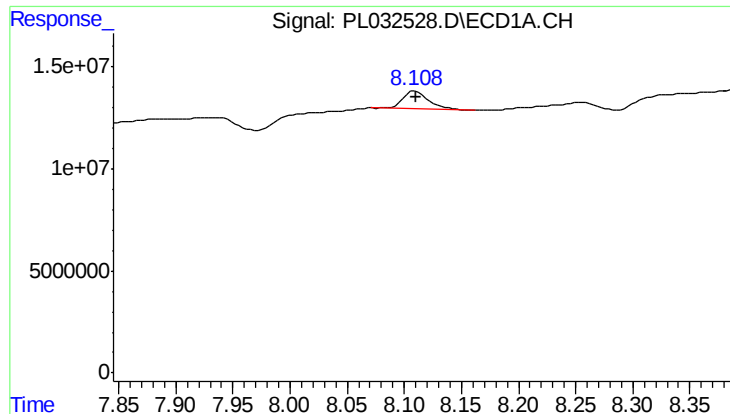
#27 Chlordane-5

R.T.: 6.136 min  
Delta R.T.: -0.069 min  
Response: 36371791  
Conc: 73.56 ng/ml



#27 Chlordane-5

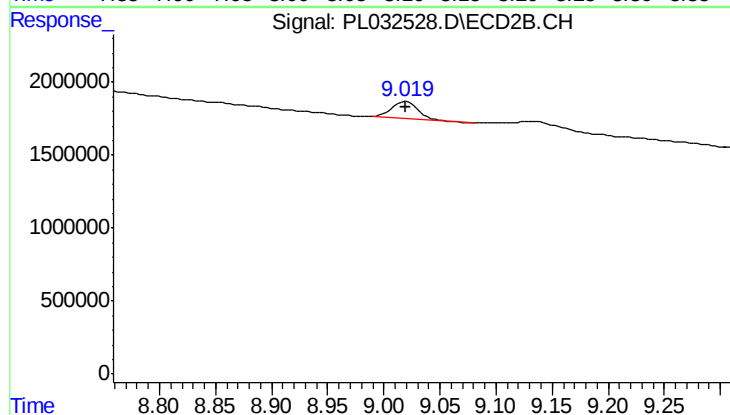
R.T.: 6.993 min  
Delta R.T.: 0.045 min  
Response: 5594097  
Conc: 92.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.110 min  
Delta R.T.: 0.000 min  
Response: 13724586  
Conc: 1.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
1017DL



#28 Decachlorobiphenyl

R.T.: 9.020 min  
Delta R.T.: 0.000 min  
Response: 1394663  
Conc: 0.73 ng/ml