

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031219\  
 Data File : PL045719.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2019 09:49  
 Operator : AJ\SJ  
 Sample : K1785-07  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SD1-0.0-0.5

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 13 01:13:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 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... | 3.364  | 3.982  | 82880426 | 25479471 | 12.048  | 11.898   |
| 28)                         | SA Decachlor... | 8.046  | 9.040  | 90880339 | 23544503 | 10.861  | 10.304   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 3)                          | MA gamma-BHC... | 4.078  | 0.000  | 81758839 | 0        | 8.089   | N.D. #   |
| 4)                          | MA Heptachlor   | 4.346  | 5.156  | 18819694 | 1361970  | 1.783   | 0.458 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.496f | 0        | 5428897  | N.D.    | 2.010 #  |
| 7)                          | B delta-BHC     | 4.515  | 0.000  | 18365156 | 0        | 1.921   | N.D. #   |
| 8)                          | B Heptachlo...  | 0.000  | 5.834f | 0        | 2610743  | N.D.    | 1.087 #  |
| 9)                          | A Endosulfan I  | 5.398f | 0.000  | 363.6E6  | 0        | 40.678  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.283f | 6.075  | 28535832 | 13295492 | 2.916   | 4.956 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 6.162  | 0        | 6071324  | N.D.    | 2.251 #  |
| 12)                         | B 4,4'-DDE      | 5.485  | 6.315  | 40455053 | 11501051 | 4.609   | 4.924    |
| 13)                         | MA Dieldrin     | 5.619  | 0.000  | 182.8E6  | 0        | 19.125  | N.D. #   |
| 14)                         | MA Endrin       | 5.864  | 6.713f | 35577269 | 1935126  | 3.951   | 0.850 #  |
| 15)                         | B Endosulfa...  | 6.145  | 6.911f | 74969066 | -2956774 | 8.648   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.003  | 6.803  | -7362379 | 18019978 | N.D.    | 9.370    |
| 17)                         | MA 4,4'-DDT     | 6.231  | 7.106  | 73973993 | 24628294 | 9.863   | 12.480 # |
| 18)                         | B Endrin al...  | 6.321f | 7.012  | 7463772  | 3109326  | 1.021   | 1.521 #  |
| 19)                         | B Endosulfa...  | 6.536f | 7.214f | 30881547 | 1538226  | 3.799   | 0.684 #  |
| 20)                         | A Methoxychlor  | 0.000  | 7.542f | 0        | 7160617  | N.D.    | 5.834 #  |
| 22)                         | Mirex           | 0.000  | 8.167  | 0        | 5992723  | N.D.    | 3.009 #  |
| 23)                         | Chlordane-1     | 4.205  | 5.005f | 35481748 | 1075558  | 105.306 | 9.538 #  |
| 24)                         | Chlordane-2     | 0.000  | 5.435  | 0        | 2650297  | N.D.    | 21.934 # |
| 25)                         | Chlordane-3     | 5.283f | 6.075  | 28535832 | 13295492 | 24.878  | 34.123 # |
| 26)                         | Chlordane-4     | 0.000  | 6.162  | 0        | 6071324  | N.D.    | 12.978 # |
| 27)                         | Chlordane-5     | 6.145  | 6.982f | 74969066 | 1571037  | 217.084 | 17.295 # |
| -----                       |                 |        |        |          |          |         |          |

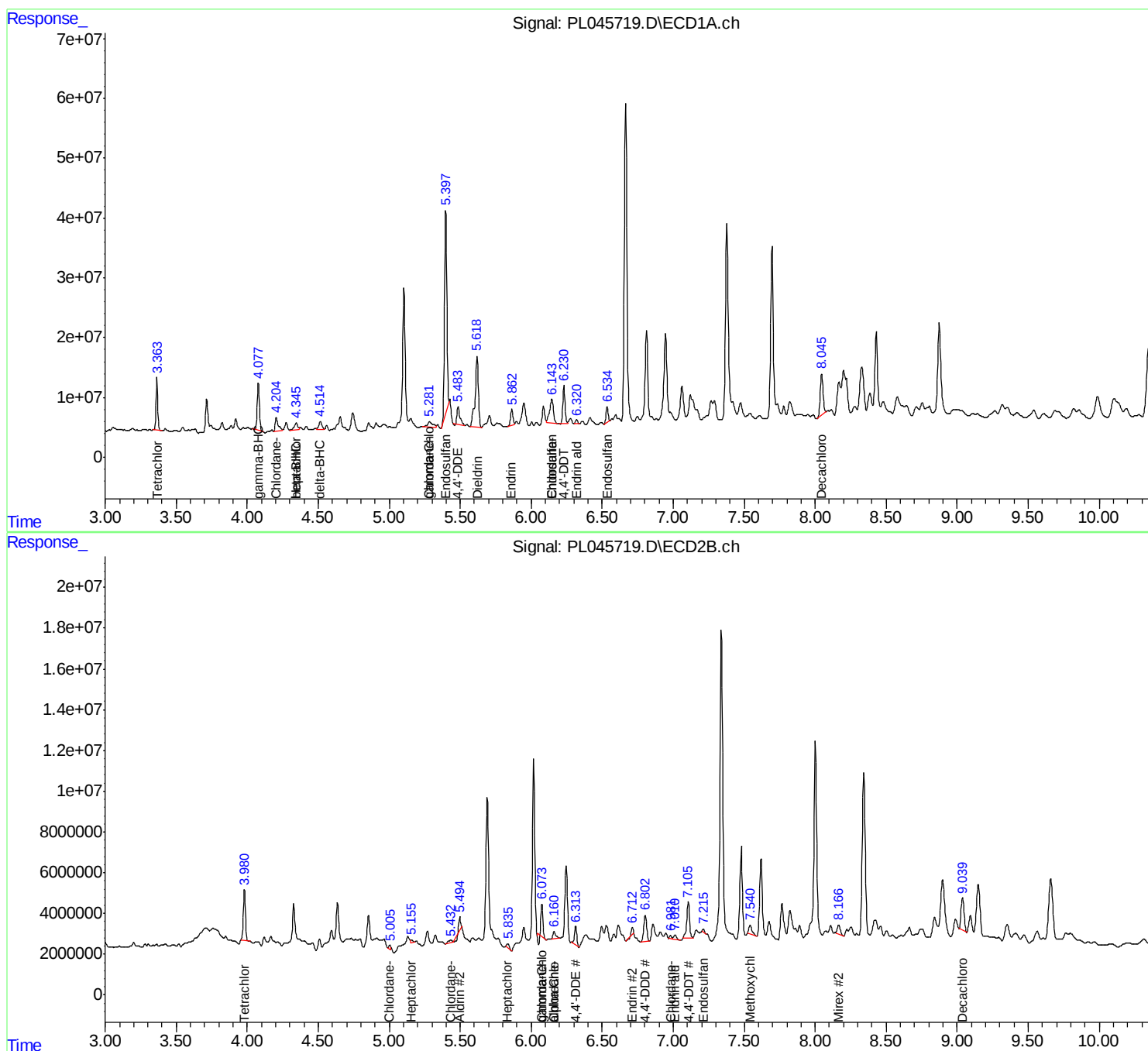
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

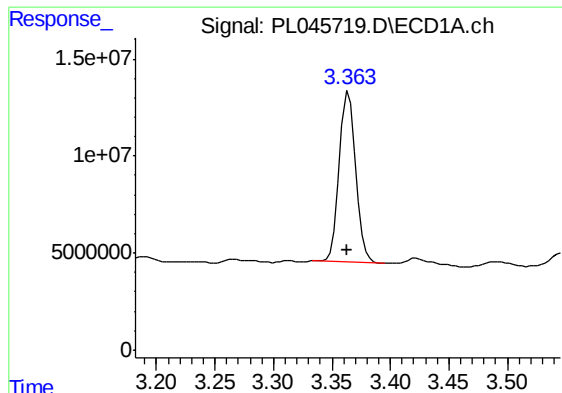
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031219\  
Data File : PL045719.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2019 09:49  
Operator : AJ\SJ  
Sample : K1785-07  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
SD1-0.0-0.5

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 13 01:13:24 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 27 17:00:03 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

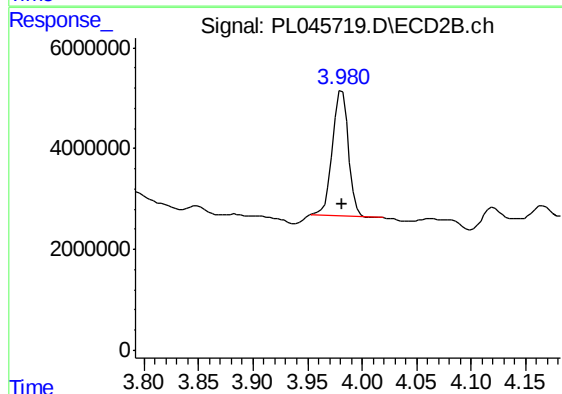




#1 Tetrachloro-m-xylene

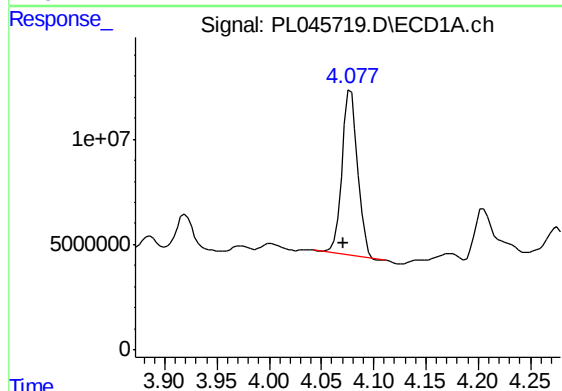
R.T.: 3.364 min  
Delta R.T.: 0.001 min  
Response: 82880426  
Conc: 12.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SD1-0.0-0.5



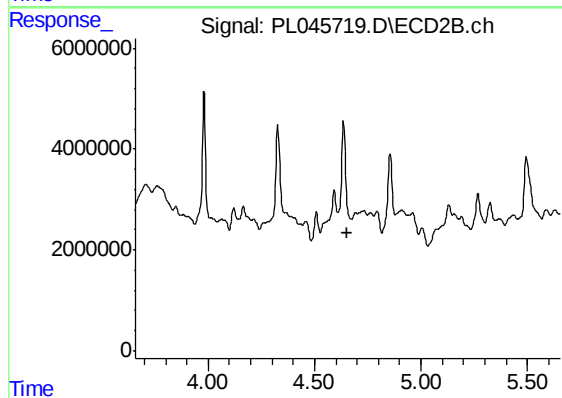
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 25479471  
Conc: 11.90 ng/ml



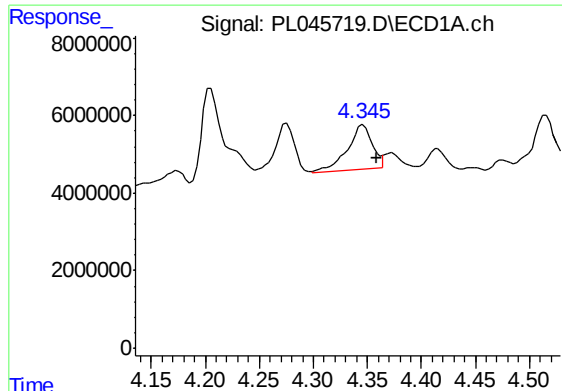
#3 gamma-BHC (Lindane)

R.T.: 4.078 min  
Delta R.T.: 0.007 min  
Response: 81758839  
Conc: 8.09 ng/ml



#3 gamma-BHC (Lindane)

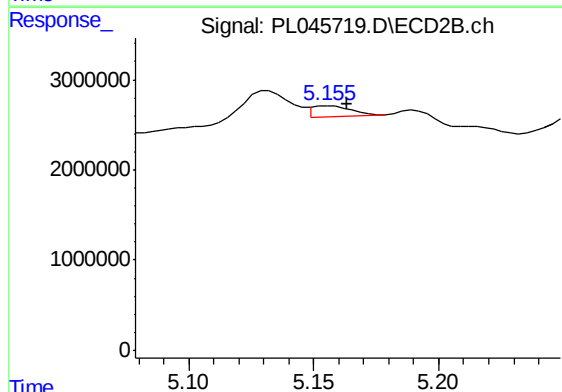
R.T.: 0.000 min  
Exp R.T. : 4.656 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

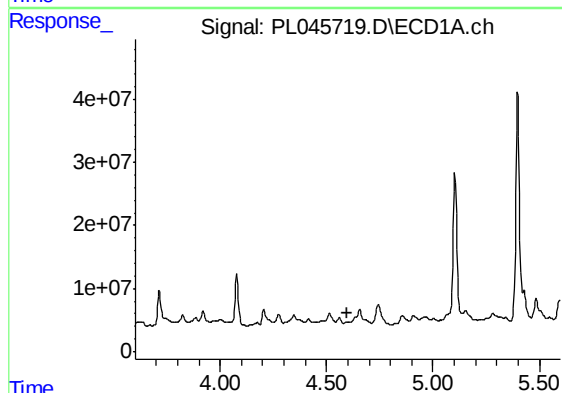
R.T.: 4.346 min  
Delta R.T.: -0.012 min  
Response: 18819694  
Conc: 1.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SD1-0.0-0.5



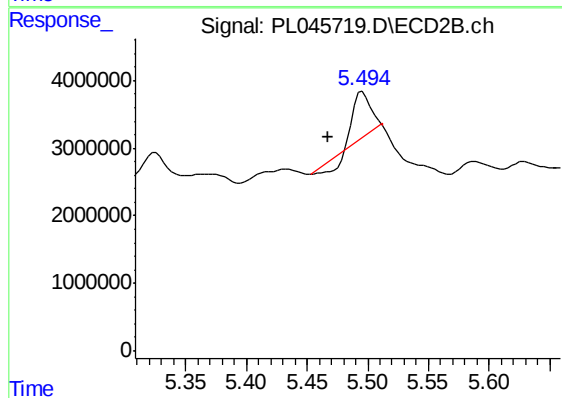
#4 Heptachlor

R.T.: 5.156 min  
Delta R.T.: -0.007 min  
Response: 1361970  
Conc: 0.46 ng/ml



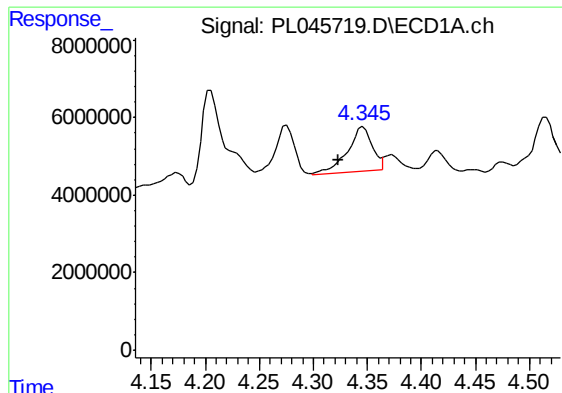
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.599 min  
Response: 0  
Conc: N.D.



#5 Aldrin

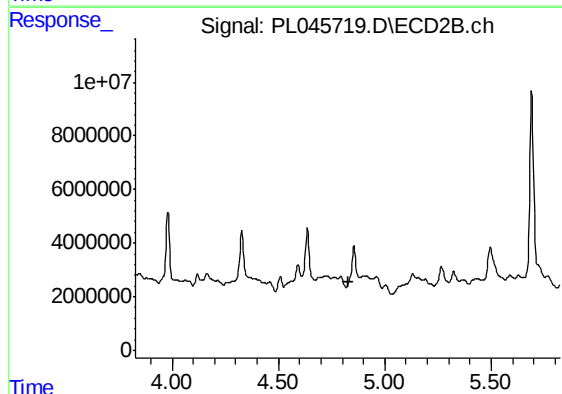
R.T.: 5.496 min  
Delta R.T.: 0.028 min  
Response: 5428897  
Conc: 2.01 ng/ml



#6 beta-BHC

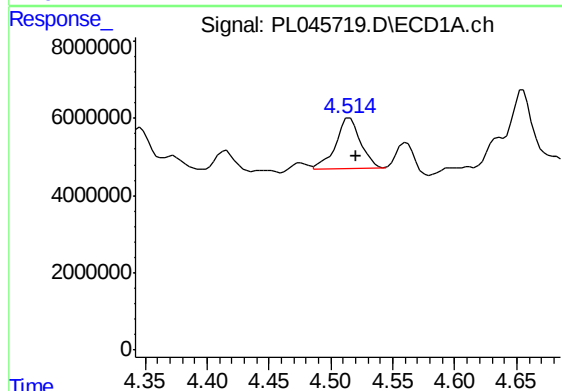
R.T.: 4.346 min  
Delta R.T.: 0.023 min  
Response: 18819694  
Conc: 4.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SD1-0.0-0.5



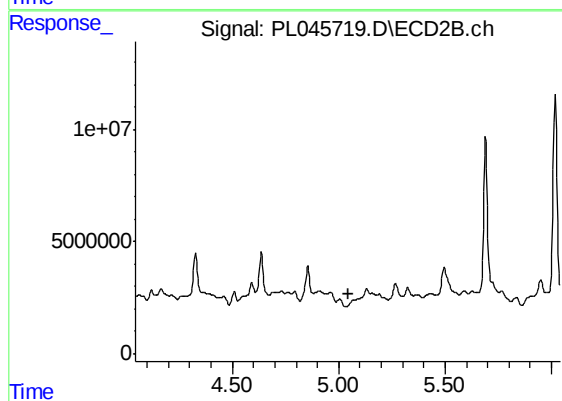
#6 beta-BHC

R.T.: 4.856 min  
Delta R.T.: 0.028 min  
Response: -8800657  
Conc: N.D.



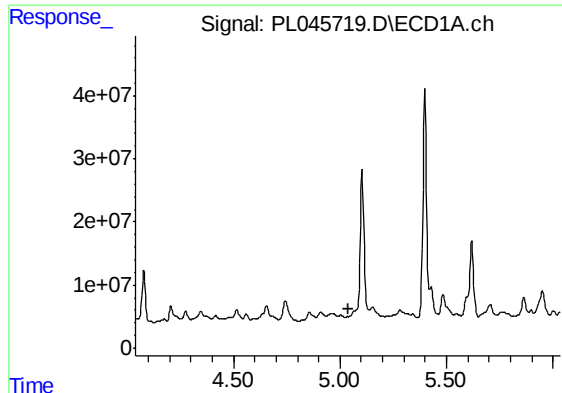
#7 delta-BHC

R.T.: 4.515 min  
Delta R.T.: -0.005 min  
Response: 18365156  
Conc: 1.92 ng/ml



#7 delta-BHC

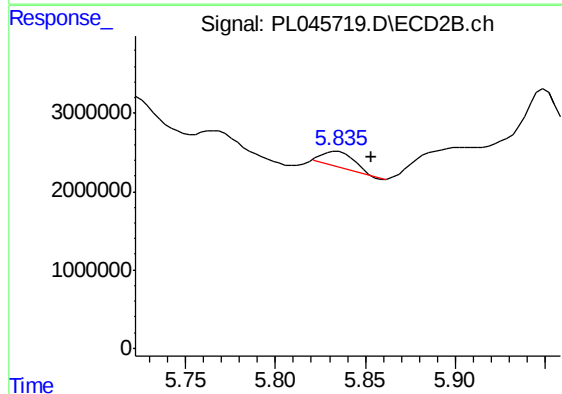
R.T.: 0.000 min  
Exp R.T. : 5.044 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

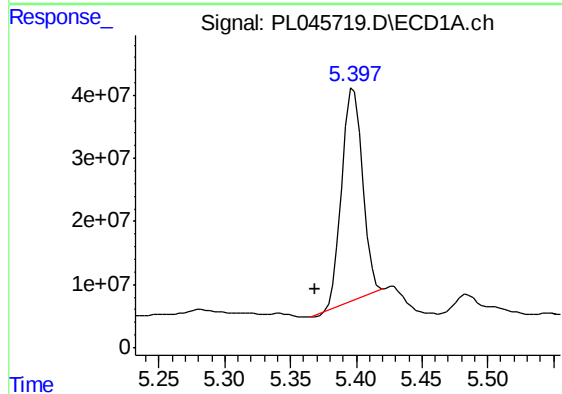
R.T.: 0.000 min  
Exp R.T. : 5.037 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SD1-0.0-0.5



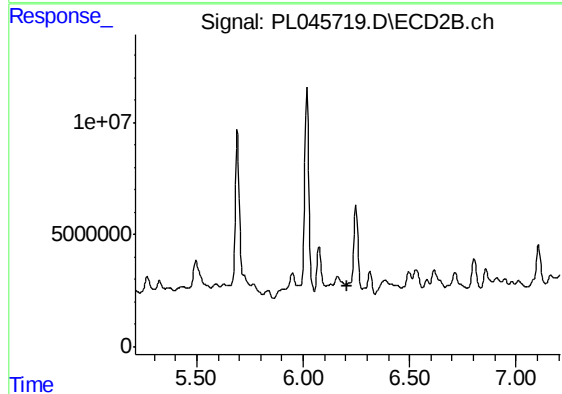
#8 Heptachlor epoxide

R.T.: 5.834 min  
Delta R.T.: -0.019 min  
Response: 2610743  
Conc: 1.09 ng/ml



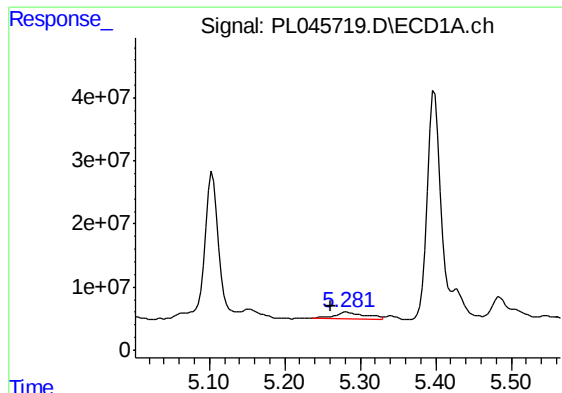
#9 Endosulfan I

R.T.: 5.398 min  
Delta R.T.: 0.029 min  
Response: 363596681  
Conc: 40.68 ng/ml



#9 Endosulfan I

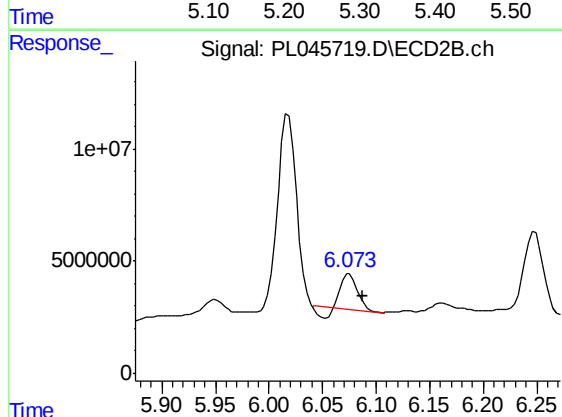
R.T.: 0.000 min  
Exp R.T. : 6.210 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

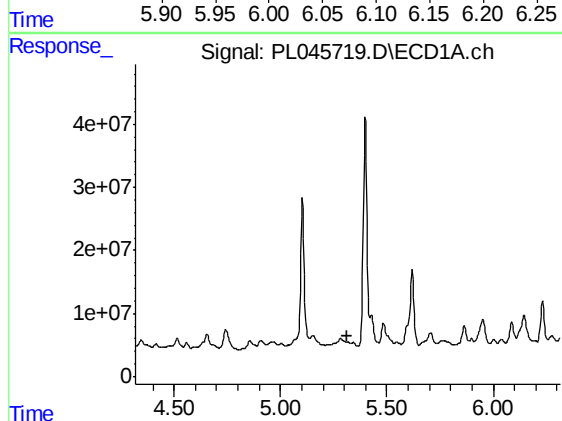
R.T.: 5.283 min  
Delta R.T.: 0.022 min  
Response: 28535832  
Conc: 2.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SD1-0.0-0.5



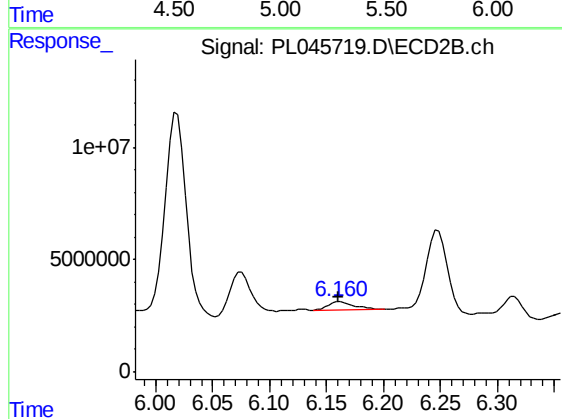
#10 gamma-Chlordane

R.T.: 6.075 min  
Delta R.T.: -0.013 min  
Response: 13295492  
Conc: 4.96 ng/ml



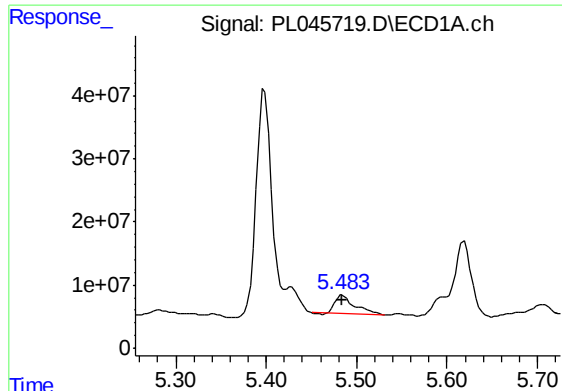
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.317 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

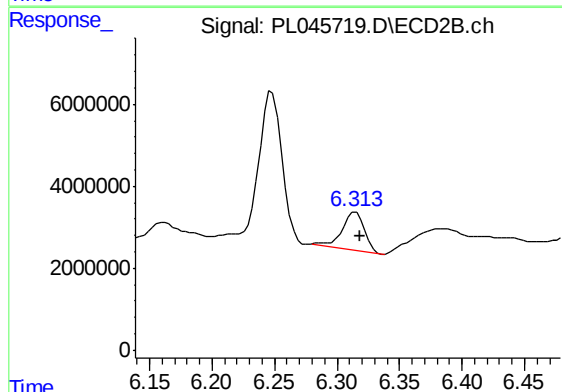
R.T.: 6.162 min  
Delta R.T.: 0.002 min  
Response: 6071324  
Conc: 2.25 ng/ml



#12 4,4'-DDE

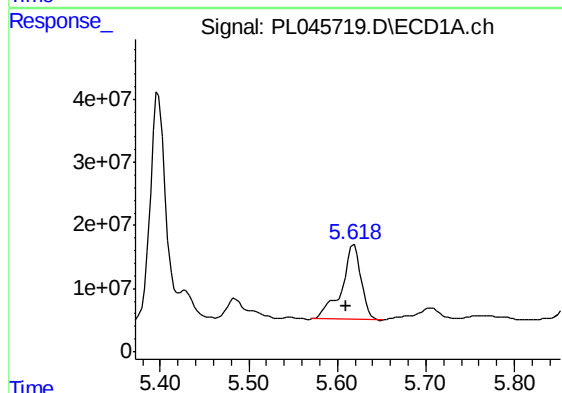
R.T.: 5.485 min  
Delta R.T.: 0.000 min  
Response: 40455053  
Conc: 4.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SD1-0.0-0.5



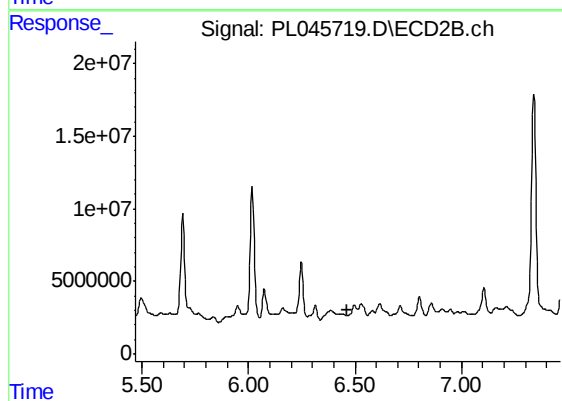
#12 4,4'-DDE

R.T.: 6.315 min  
Delta R.T.: -0.003 min  
Response: 11501051  
Conc: 4.92 ng/ml



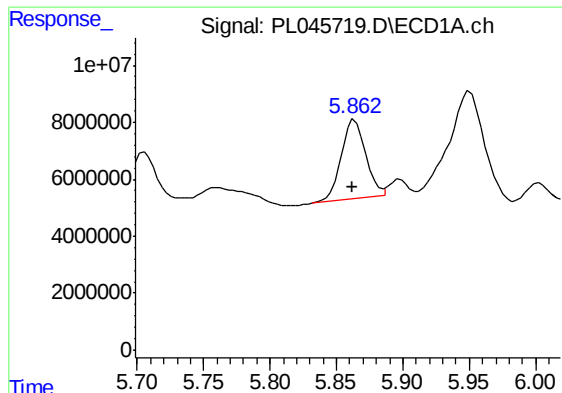
#13 Dieldrin

R.T.: 5.619 min  
Delta R.T.: 0.010 min  
Response: 182792436  
Conc: 19.12 ng/ml



#13 Dieldrin

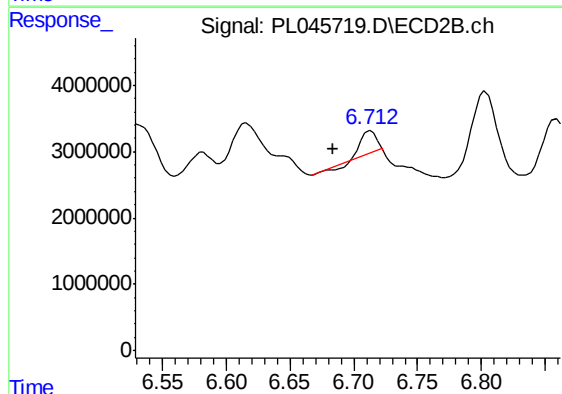
R.T.: 0.000 min  
Exp R.T. : 6.467 min  
Response: 0  
Conc: N.D.



#14 Endrin

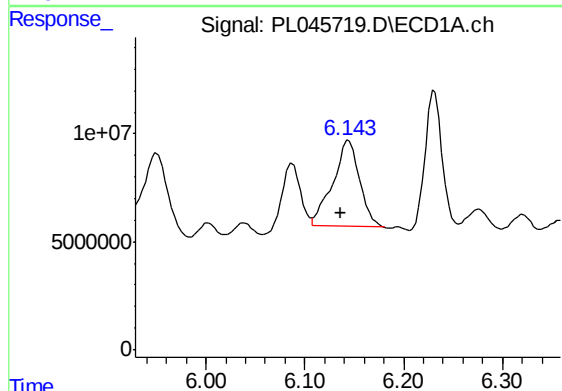
R.T.: 5.864 min  
Delta R.T.: 0.002 min  
Response: 35577269  
Conc: 3.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SD1-0.0-0.5



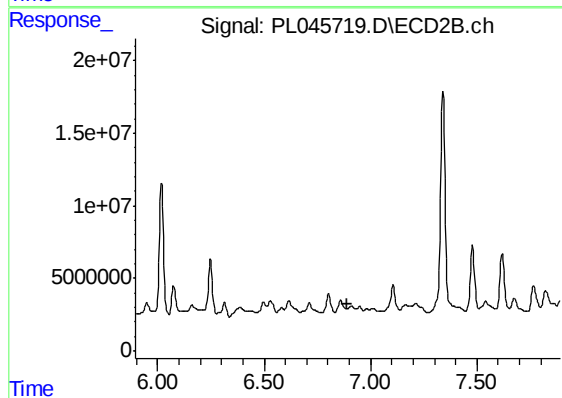
#14 Endrin

R.T.: 6.713 min  
Delta R.T.: 0.029 min  
Response: 1935126  
Conc: 0.85 ng/ml



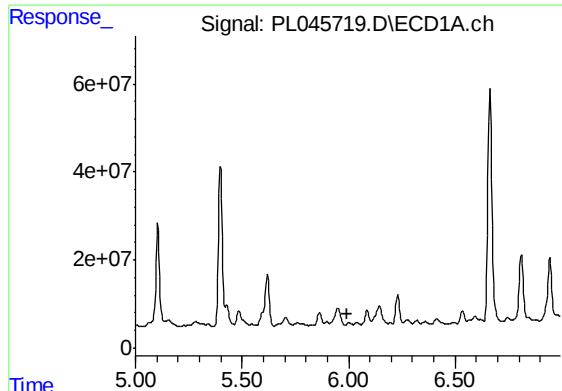
#15 Endosulfan II

R.T.: 6.145 min  
Delta R.T.: 0.008 min  
Response: 74969066  
Conc: 8.65 ng/ml



#15 Endosulfan II

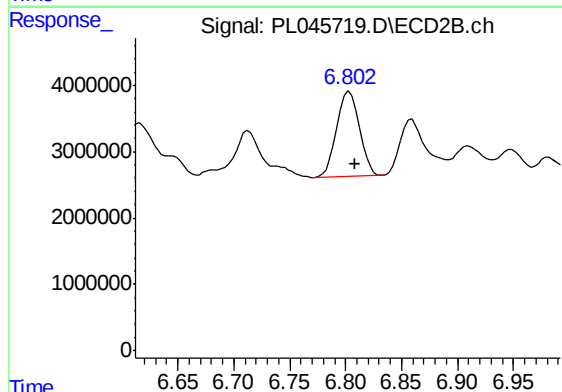
R.T.: 6.911 min  
Delta R.T.: 0.017 min  
Response: -2956774  
Conc: N.D.



#16 4,4'-DDD

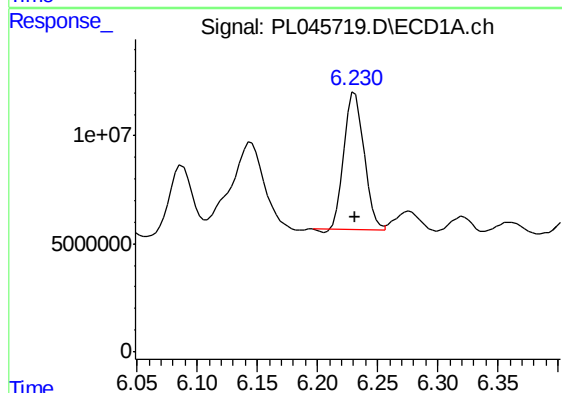
R.T.: 6.003 min  
Delta R.T.: 0.007 min  
Response: -7362379  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SD1-0.0-0.5



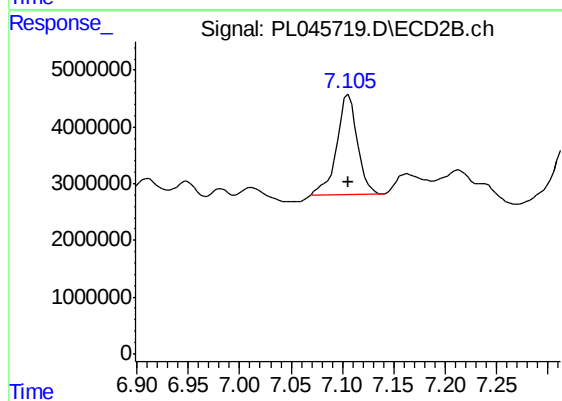
#16 4,4'-DDD

R.T.: 6.803 min  
Delta R.T.: -0.004 min  
Response: 18019978  
Conc: 9.37 ng/ml



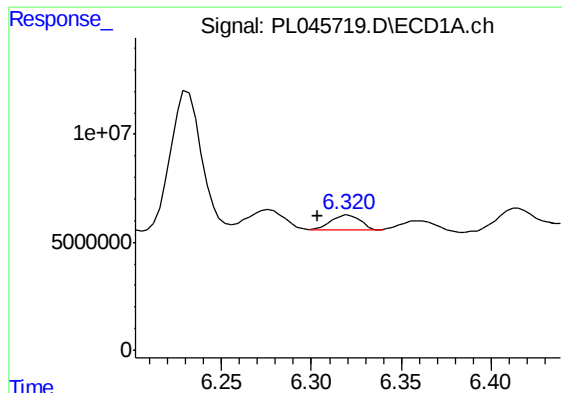
#17 4,4'-DDT

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 73973993  
Conc: 9.86 ng/ml



#17 4,4'-DDT

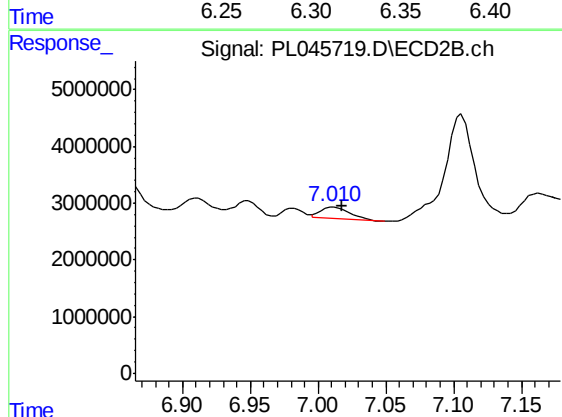
R.T.: 7.106 min  
Delta R.T.: 0.000 min  
Response: 24628294  
Conc: 12.48 ng/ml



#18 Endrin aldehyde

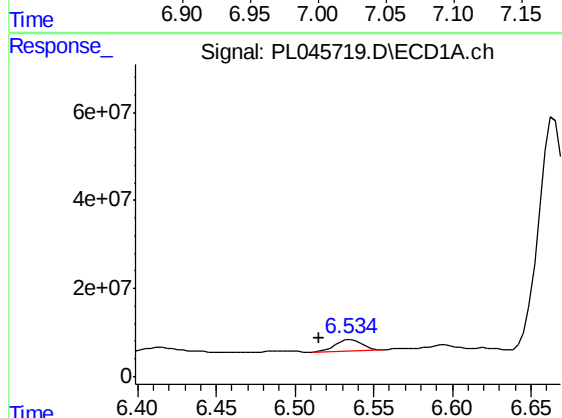
R.T.: 6.321 min  
Delta R.T.: 0.017 min  
Response: 7463772  
Conc: 1.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SD1-0.0-0.5



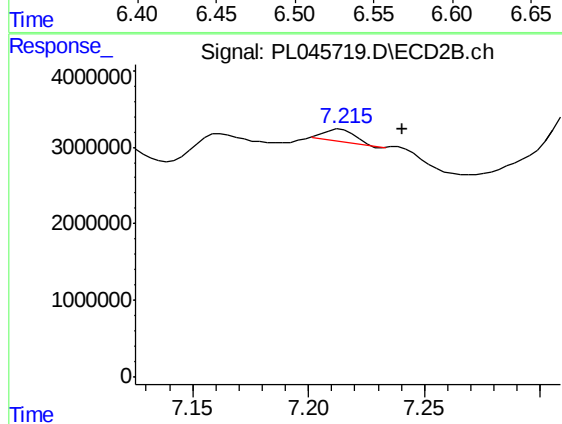
#18 Endrin aldehyde

R.T.: 7.012 min  
Delta R.T.: -0.006 min  
Response: 3109326  
Conc: 1.52 ng/ml



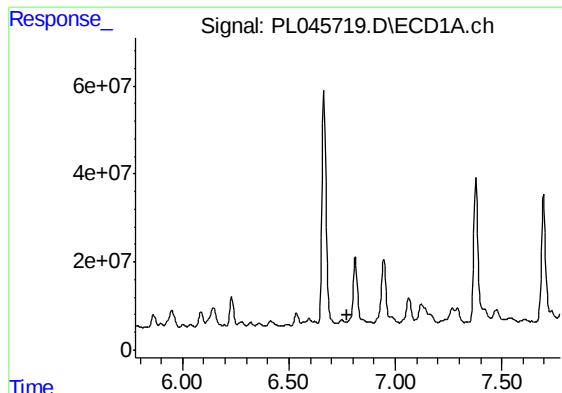
#19 Endosulfan Sulfate

R.T.: 6.536 min  
Delta R.T.: 0.020 min  
Response: 30881547  
Conc: 3.80 ng/ml



#19 Endosulfan Sulfate

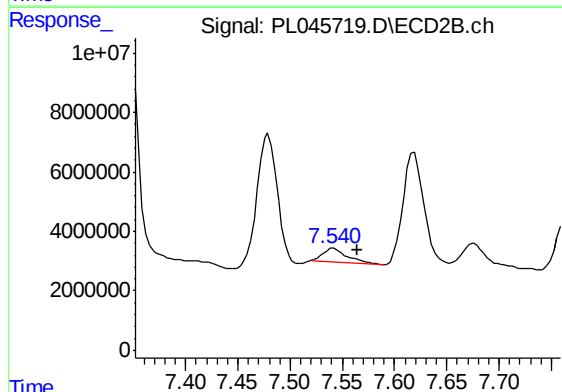
R.T.: 7.214 min  
Delta R.T.: -0.027 min  
Response: 1538226  
Conc: 0.68 ng/ml



#20 Methoxychlor

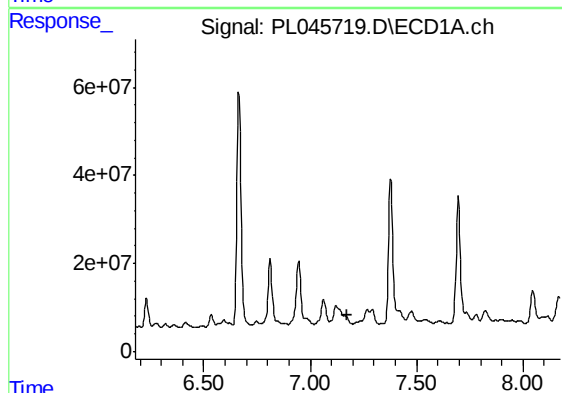
R.T.: 0.000 min  
Exp R.T.: 6.776 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SD1-0.0-0.5



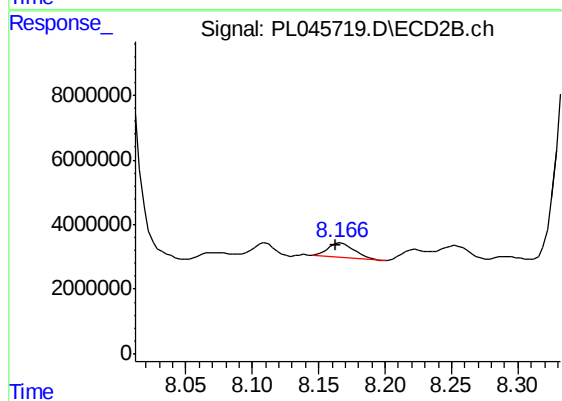
#20 Methoxychlor

R.T.: 7.542 min  
Delta R.T.: -0.023 min  
Response: 7160617  
Conc: 5.83 ng/ml



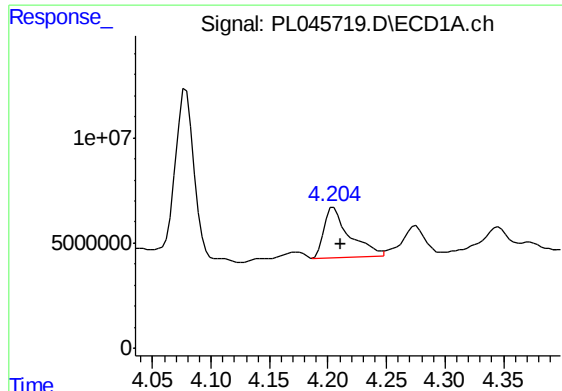
#22 Mirex

R.T.: 0.000 min  
Exp R.T.: 7.176 min  
Response: 0  
Conc: N.D.



#22 Mirex

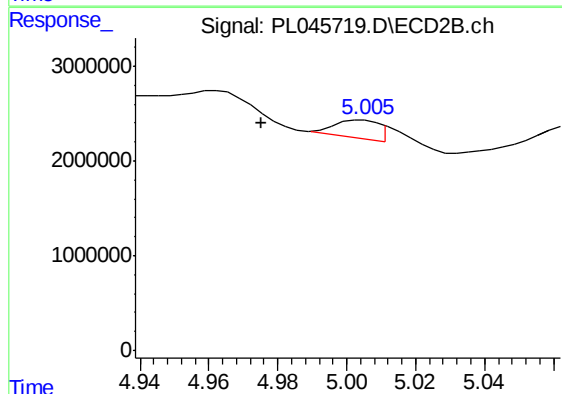
R.T.: 8.167 min  
Delta R.T.: 0.004 min  
Response: 5992723  
Conc: 3.01 ng/ml



#23 Chlordane-1

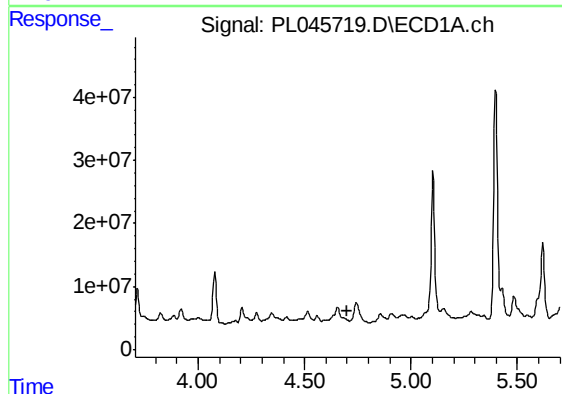
R.T.: 4.205 min  
Delta R.T.: -0.006 min  
Response: 35481748  
Conc: 105.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SD1-0.0-0.5



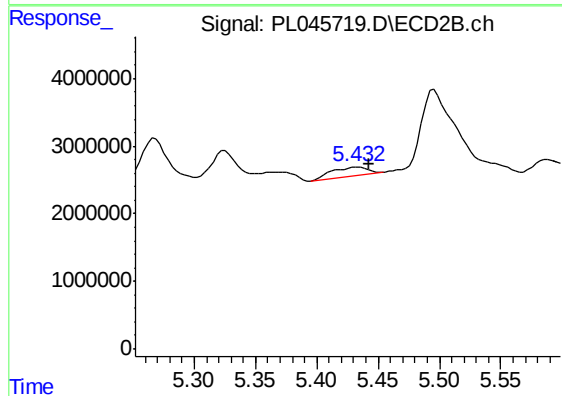
#23 Chlordane-1

R.T.: 5.005 min  
Delta R.T.: 0.029 min  
Response: 1075558  
Conc: 9.54 ng/ml



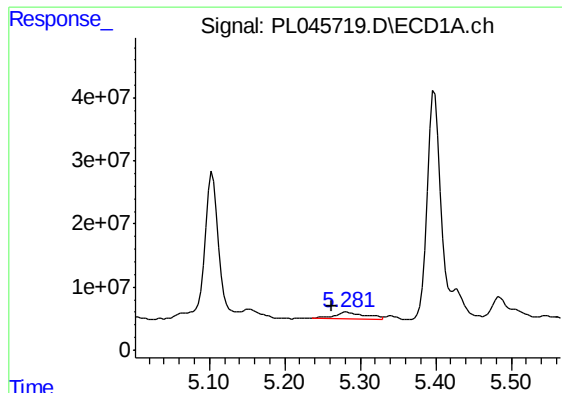
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.704 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

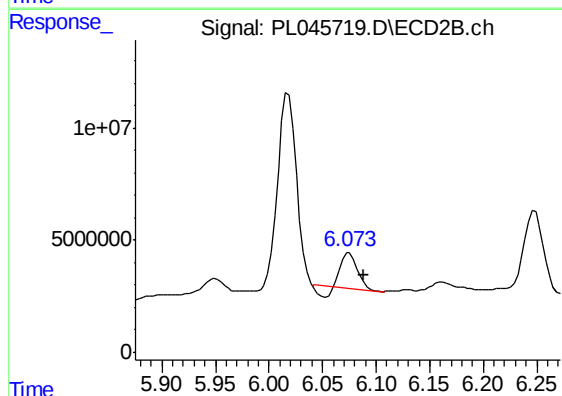
R.T.: 5.435 min  
Delta R.T.: -0.008 min  
Response: 2650297  
Conc: 21.93 ng/ml



#25 Chlordane-3

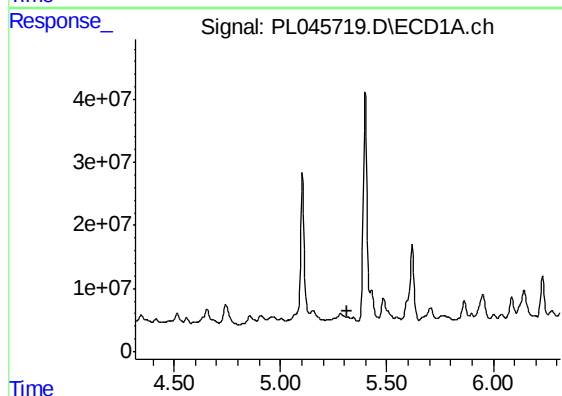
R.T.: 5.283 min  
Delta R.T.: 0.021 min  
Response: 28535832  
Conc: 24.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SD1-0.0-0.5



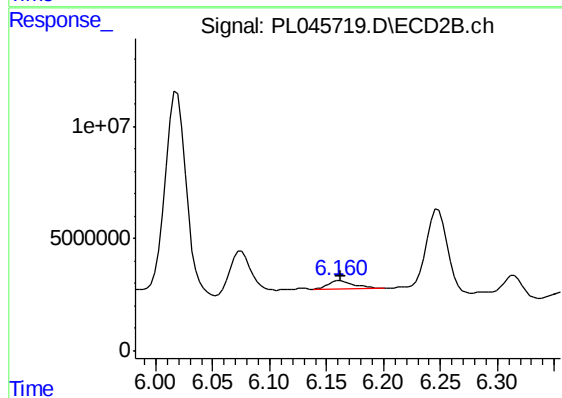
#25 Chlordane-3

R.T.: 6.075 min  
Delta R.T.: -0.014 min  
Response: 13295492  
Conc: 34.12 ng/ml



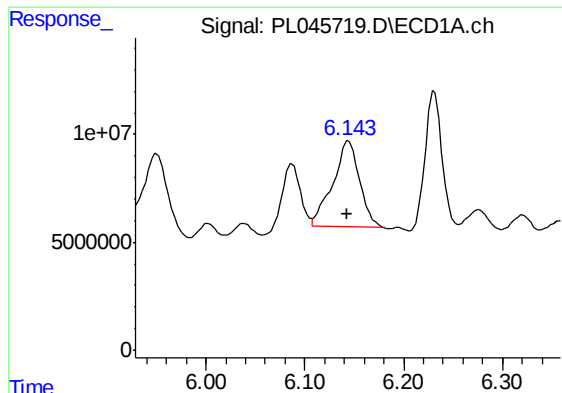
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.317 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

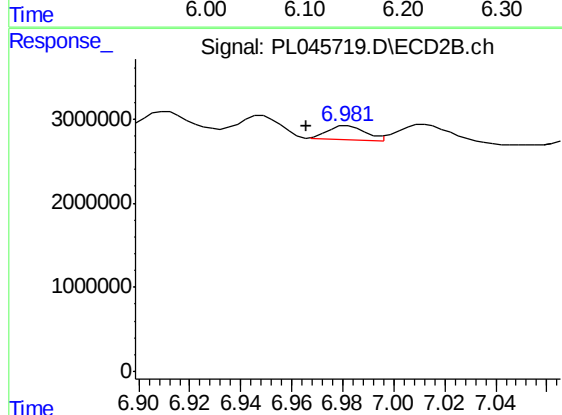
R.T.: 6.162 min  
Delta R.T.: 0.000 min  
Response: 6071324  
Conc: 12.98 ng/ml



#27 Chlordane-5

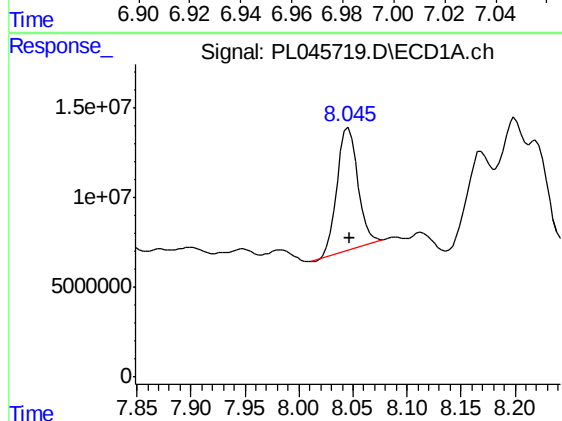
R.T.: 6.145 min  
Delta R.T.: 0.002 min  
Response: 74969066  
Conc: 217.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SD1-0.0-0.5



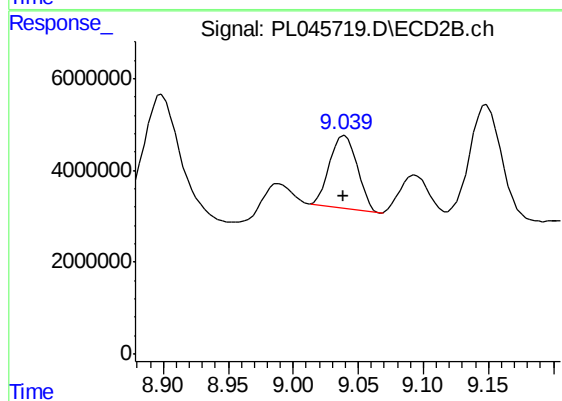
#27 Chlordane-5

R.T.: 6.982 min  
Delta R.T.: 0.016 min  
Response: 1571037  
Conc: 17.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.046 min  
Delta R.T.: -0.001 min  
Response: 90880339  
Conc: 10.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.040 min  
Delta R.T.: 0.000 min  
Response: 23544503  
Conc: 10.30 ng/ml