

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072219\  
 Data File : PL050707.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2019 02:08  
 Operator : SM\AJ  
 Sample : K3783-03RE  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 KY030LC018-SD-190711RE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 03:51:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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... | 3.318  | 3.930  | 151.8E6  | 43048903 | 15.110 | 15.088   |
| 28)                         | SA Decachlor... | 7.981  | 8.963  | 59882821 | 18795872 | 5.914  | 6.647    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 0.000  | 4.602  | 0        | 4377910  | N.D.   | 1.130 #  |
| 4)                          | MA Heptachlor   | 4.319  | 5.078f | 38157380 | 3646783  | 2.326  | 0.879 #  |
| 5)                          | MB Aldrin       | 4.557  | 0.000  | 45639308 | 0        | 2.946  | N.D. #   |
| 6)                          | B beta-BHC      | 0.000  | 4.749f | 0        | 8926390  | N.D.   | 5.163 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.990  | 0        | 2256008  | N.D.   | 0.583 #  |
| 8)                          | B Heptachlo...  | 5.006f | 5.786  | -3665808 | 9078836  | N.D.   | 2.374    |
| 9)                          | A Endosulfan I  | 5.336f | 0.000  | 13385714 | 0        | 0.920  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.180f | 6.041  | 108.7E6  | 13743584 | 6.890  | 3.719 #  |
| 11)                         | B alpha-Chl...  | 5.284f | 6.098  | 26306610 | 16618269 | 1.724  | 4.534 #  |
| 12)                         | B 4,4'-DDE      | 5.425  | 6.258  | 45830485 | 16482744 | 3.058  | 4.574 #  |
| 13)                         | MA Dieldrin     | 5.548  | 0.000  | 55833663 | 0        | 3.603  | N.D. #   |
| 14)                         | MA Endrin       | 0.000  | 6.617  | 0        | 8890926  | N.D.   | 2.867 #  |
| 15)                         | B Endosulfa...  | 6.063  | 0.000  | 11894403 | 0        | 0.850  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 5.935  | 6.751  | 24965434 | 18237460 | 2.083  | 6.849 #  |
| 17)                         | MA 4,4'-DDT     | 6.168  | 0.000  | 49407694 | 0        | 3.989  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.694f | 0.000  | 17636509 | 0        | 2.827  | N.D. #   |
| 25)                         | Chlordane-3     | 5.180f | 6.041  | 108.7E6  | 13743584 | 77.683 | 28.574 # |
| 26)                         | Chlordane-4     | 5.284f | 6.098  | 26306610 | 16618269 | 19.945 | 28.607 # |
| 27)                         | Chlordane-5     | 6.063f | 0.000  | 11894403 | 0        | 23.417 | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

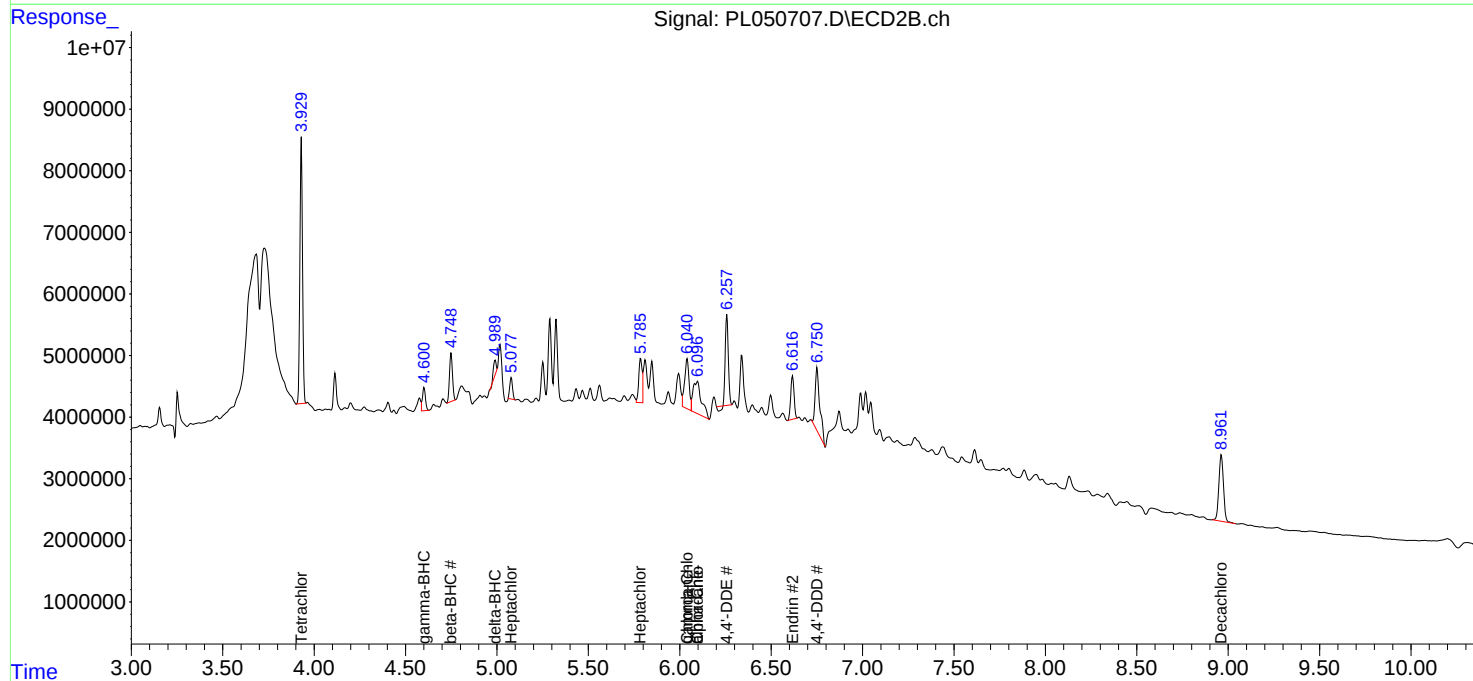
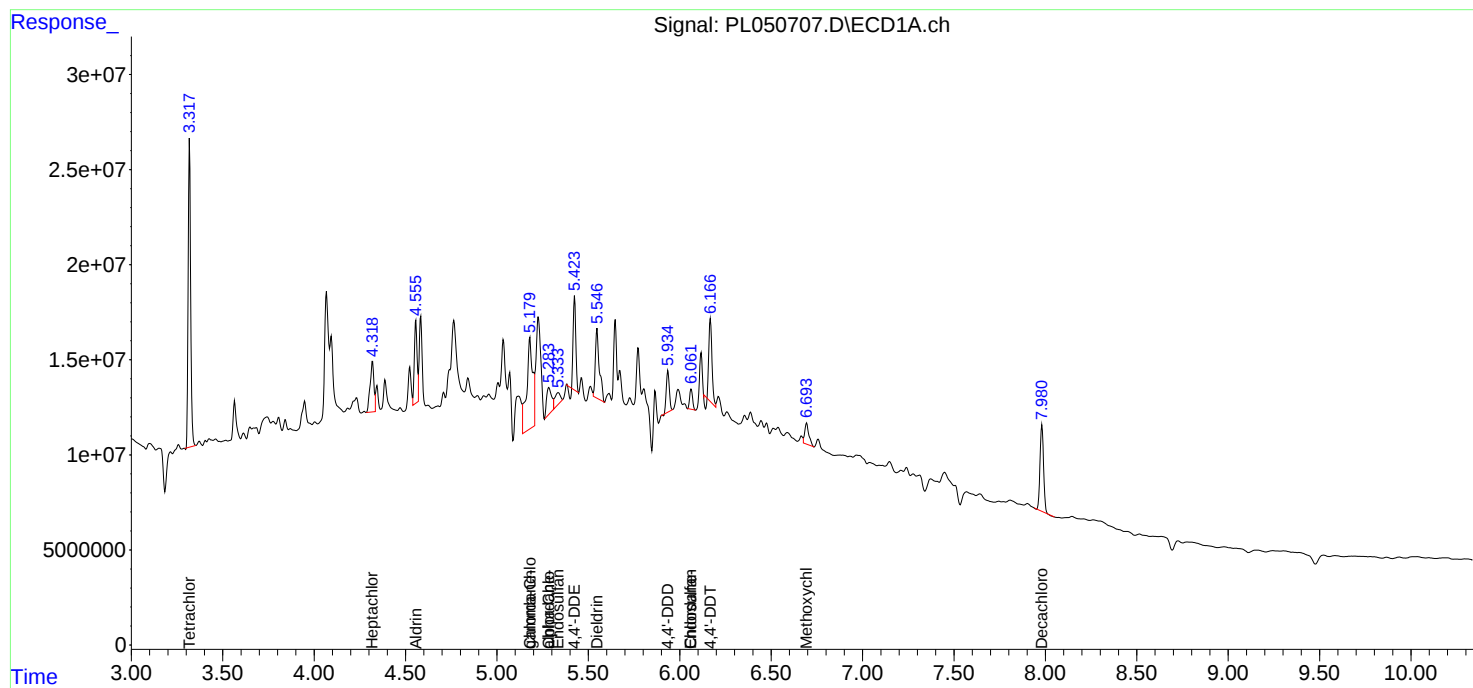
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

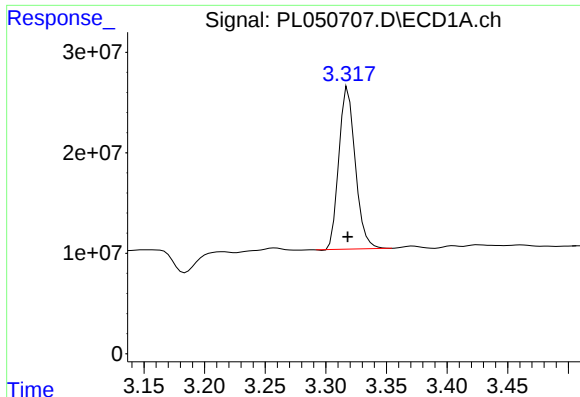
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072219\  
Data File : PL050707.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2019 02:08  
Operator : SM\AJ  
Sample : K3783-03RE  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
KY030LC018-SD-190711RE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 23 03:51:24 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
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QLast Update : Fri Jul 19 01:19:13 2019  
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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

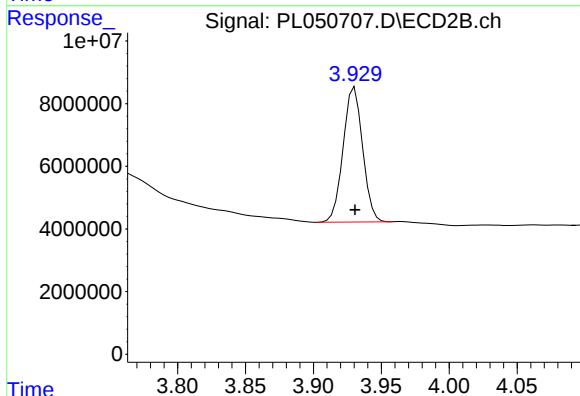




#1 Tetrachloro-m-xylene

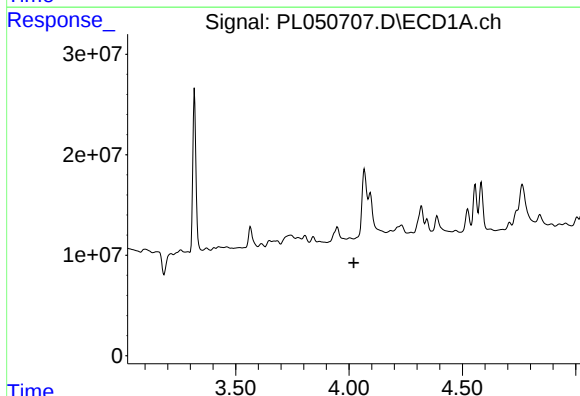
R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 151818609  
Conc: 15.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KY030LC018-SD-190711RE



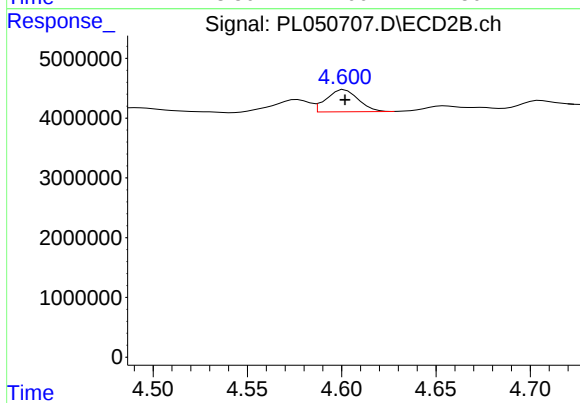
#1 Tetrachloro-m-xylene

R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 43048903  
Conc: 15.09 ng/ml



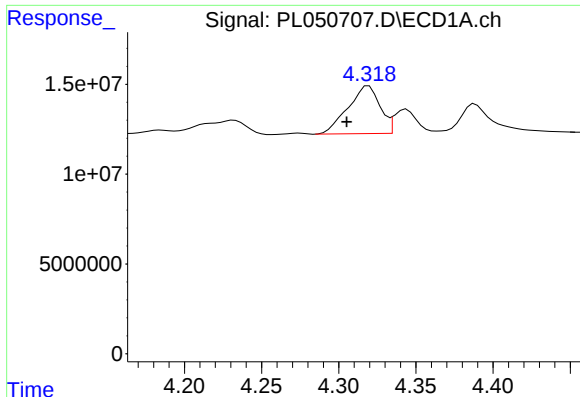
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.021 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

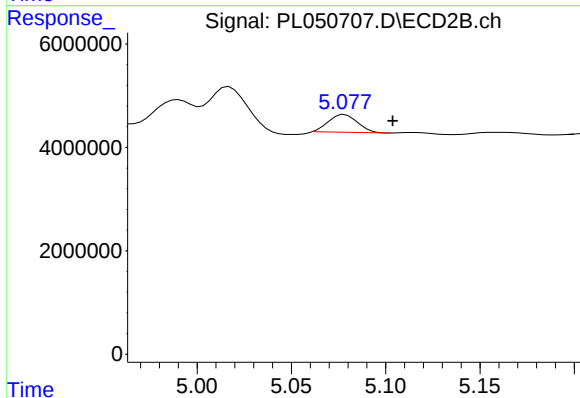
R.T.: 4.602 min  
Delta R.T.: 0.000 min  
Response: 4377910  
Conc: 1.13 ng/ml



#4 Heptachlor

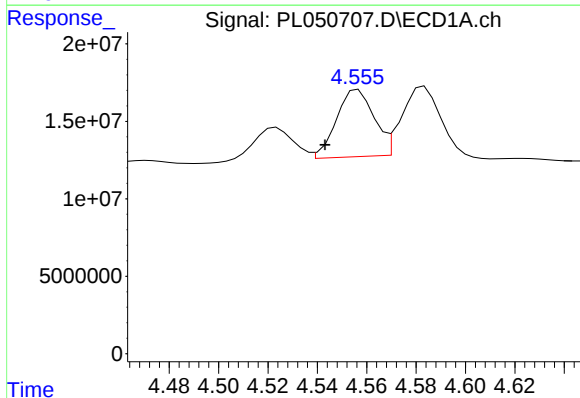
R.T.: 4.319 min  
Delta R.T.: 0.014 min  
Response: 38157380  
Conc: 2.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KY030LC018-SD-190711RE



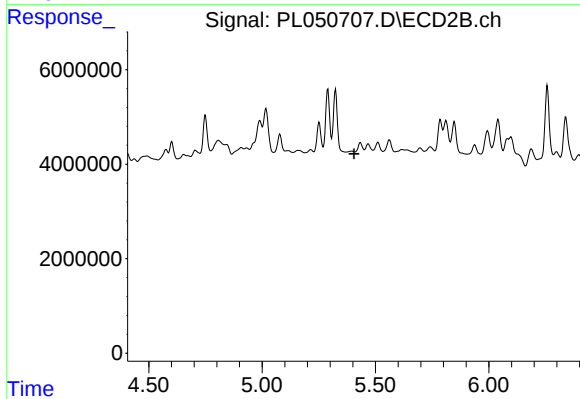
#4 Heptachlor

R.T.: 5.078 min  
Delta R.T.: -0.025 min  
Response: 3646783  
Conc: 0.88 ng/ml



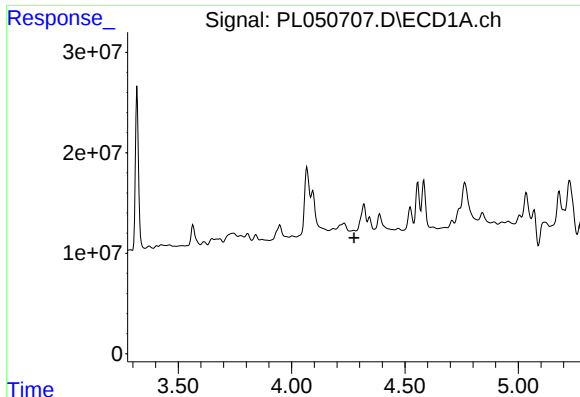
#5 Aldrin

R.T.: 4.557 min  
Delta R.T.: 0.014 min  
Response: 45639308  
Conc: 2.95 ng/ml



#5 Aldrin

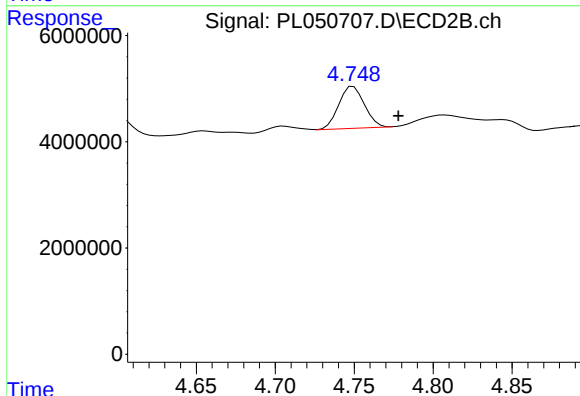
R.T.: 0.000 min  
Exp R.T.: 5.405 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

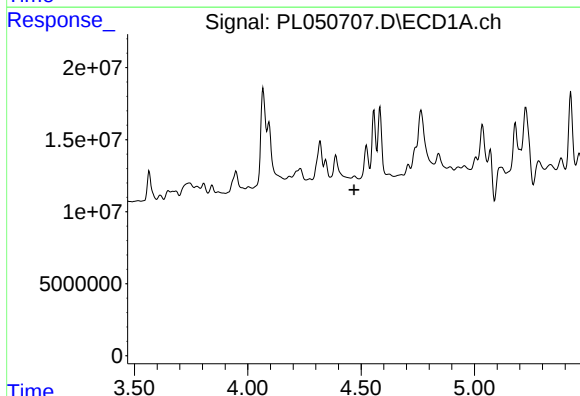
R.T.: 0.000 min  
Exp R.T.: 4.276 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
KY030LC018-SD-190711RE



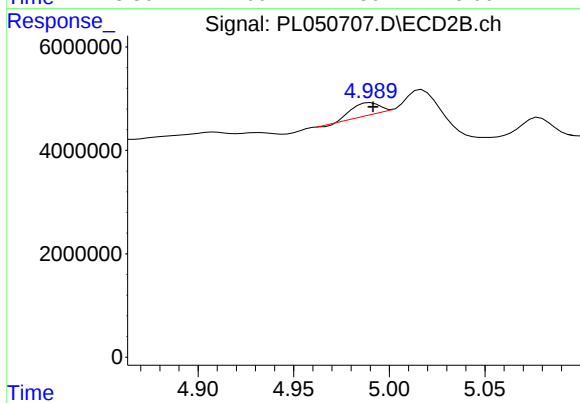
#6 beta-BHC

R.T.: 4.749 min  
Delta R.T.: -0.029 min  
Response: 8926390  
Conc: 5.16 ng/ml



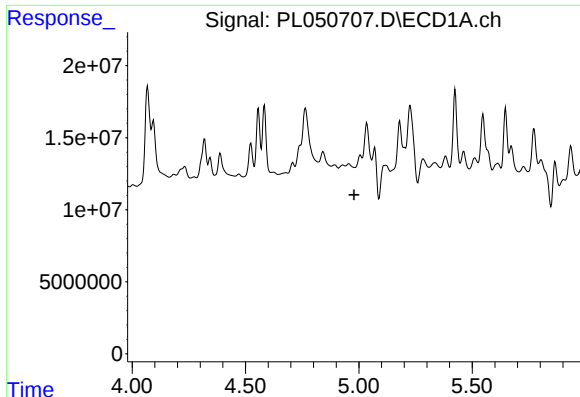
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.469 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

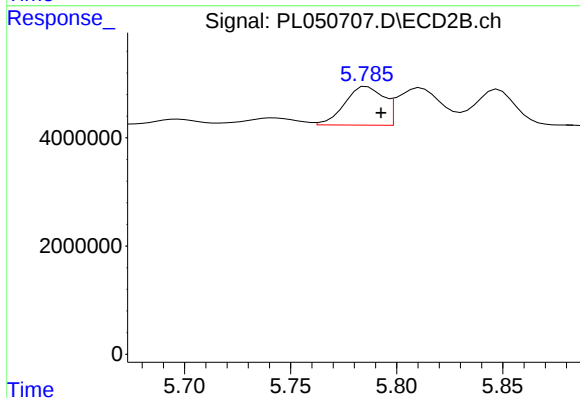
R.T.: 4.990 min  
Delta R.T.: -0.001 min  
Response: 2256008  
Conc: 0.58 ng/ml



#8 Heptachlor epoxide

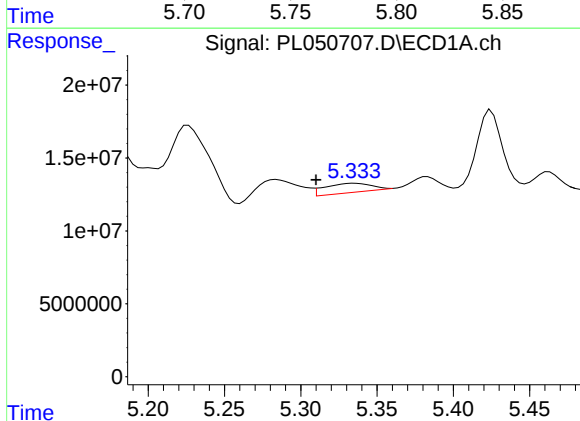
R.T.: 5.006 min  
Delta R.T.: 0.027 min  
Response: -3665808  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
KY030LC018-SD-190711RE



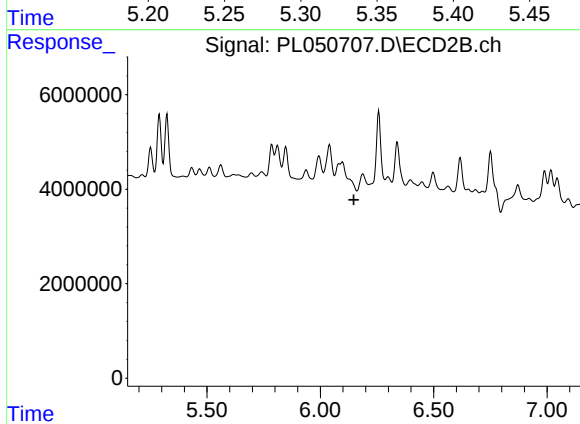
#8 Heptachlor epoxide

R.T.: 5.786 min  
Delta R.T.: -0.006 min  
Response: 9078836  
Conc: 2.37 ng/ml



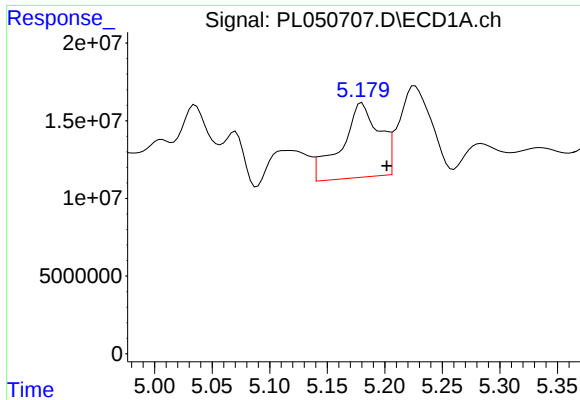
#9 Endosulfan I

R.T.: 5.336 min  
Delta R.T.: 0.026 min  
Response: 13385714  
Conc: 0.92 ng/ml



#9 Endosulfan I

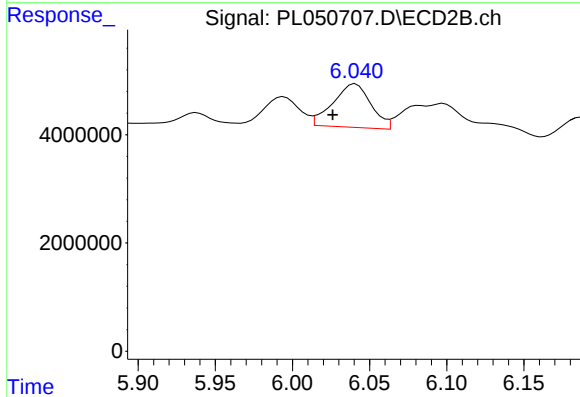
R.T.: 0.000 min  
Exp R.T.: 6.148 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

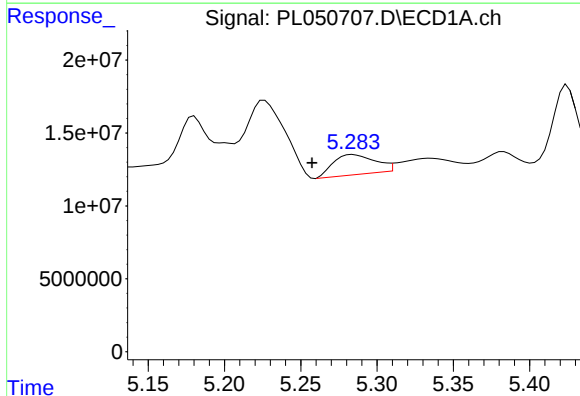
R.T.: 5.180 min  
Delta R.T.: -0.021 min  
Response: 108739669  
Conc: 6.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KY030LC018-SD-190711RE



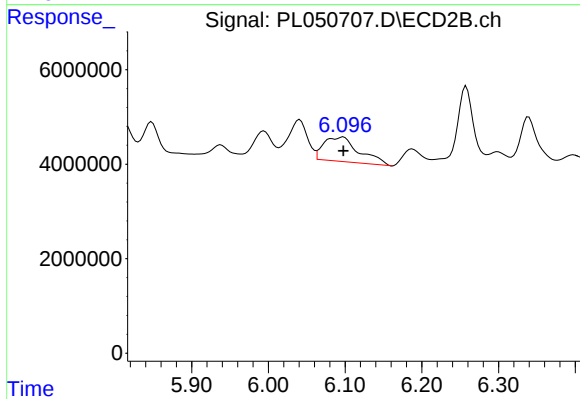
#10 gamma-Chlordane

R.T.: 6.041 min  
Delta R.T.: 0.015 min  
Response: 13743584  
Conc: 3.72 ng/ml



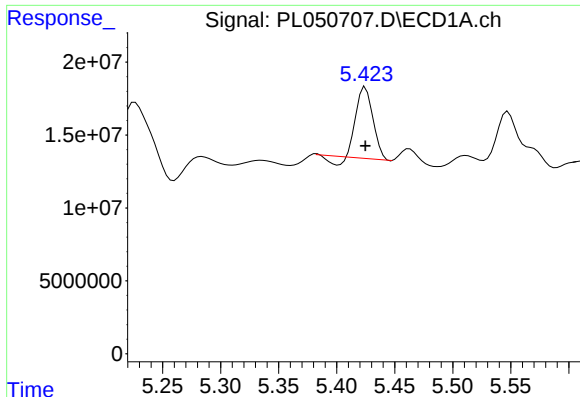
#11 alpha-Chlordane

R.T.: 5.284 min  
Delta R.T.: 0.027 min  
Response: 26306610  
Conc: 1.72 ng/ml



#11 alpha-Chlordane

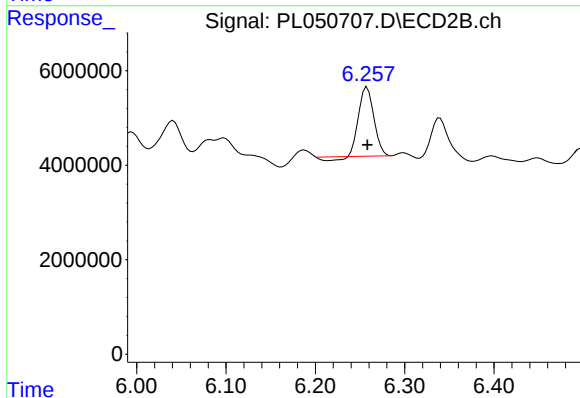
R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 16618269  
Conc: 4.53 ng/ml



#12 4,4'-DDE

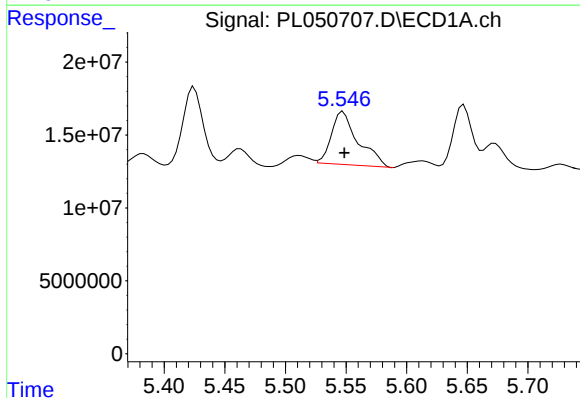
R.T.: 5.425 min  
Delta R.T.: 0.000 min  
Response: 45830485  
Conc: 3.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KY030LC018-SD-190711RE



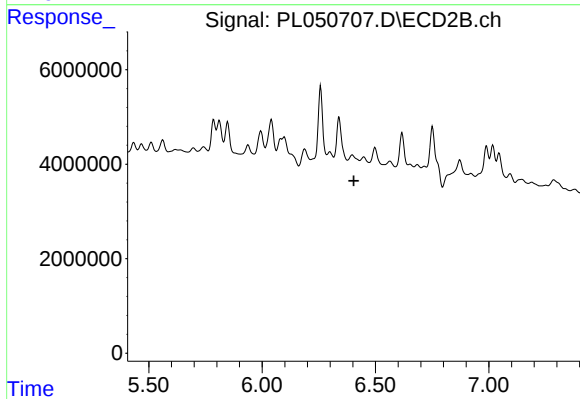
#12 4,4'-DDE

R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 16482744  
Conc: 4.57 ng/ml



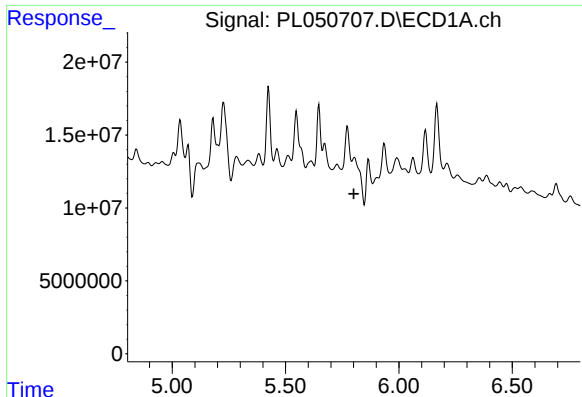
#13 Dieldrin

R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 55833663  
Conc: 3.60 ng/ml



#13 Dieldrin

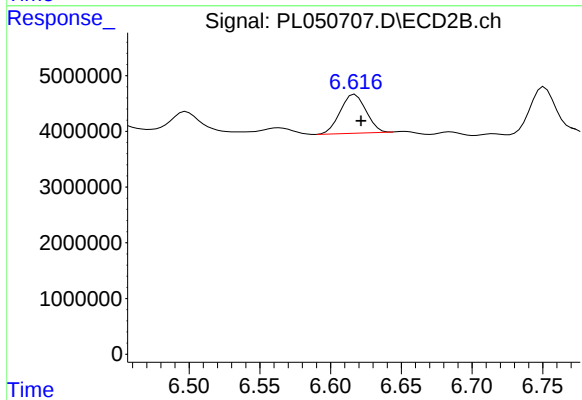
R.T.: 0.000 min  
Exp R.T.: 6.404 min  
Response: 0  
Conc: N.D.



#14 Endrin

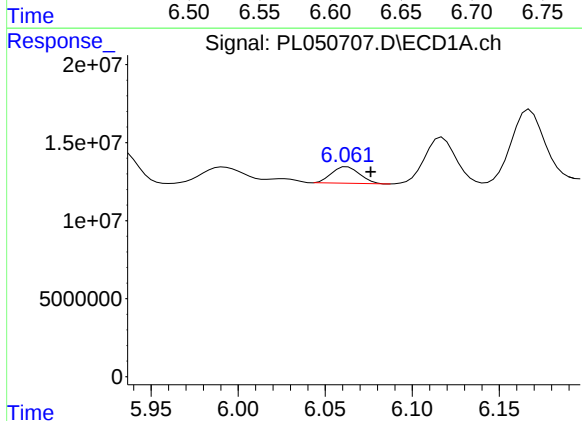
R.T.: 0.000 min  
Exp R.T.: 5.801 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
KY030LC018-SD-190711RE



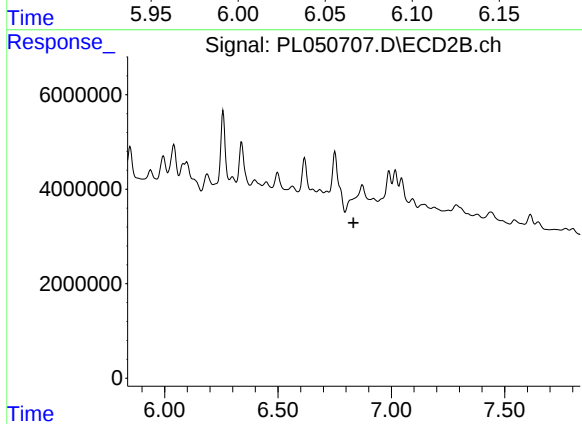
#14 Endrin

R.T.: 6.617 min  
Delta R.T.: -0.004 min  
Response: 8890926  
Conc: 2.87 ng/ml



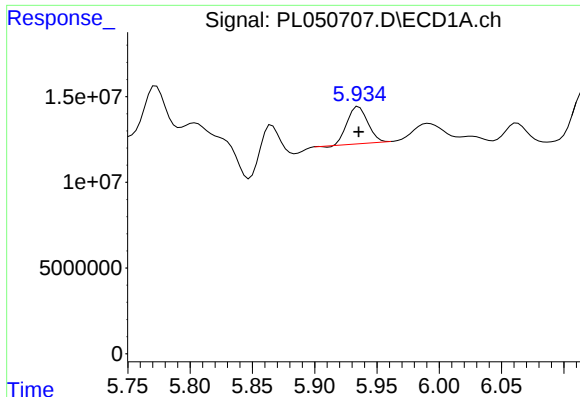
#15 Endosulfan II

R.T.: 6.063 min  
Delta R.T.: -0.014 min  
Response: 11894403  
Conc: 0.85 ng/ml



#15 Endosulfan II

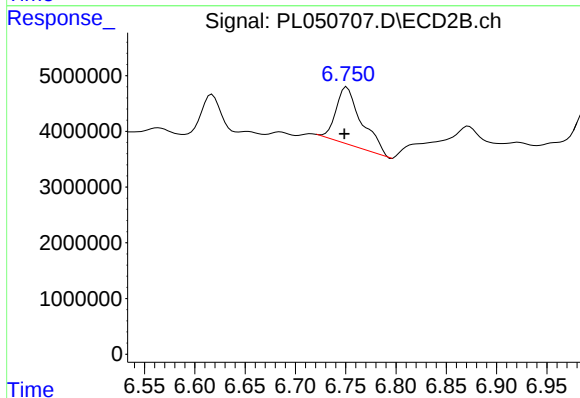
R.T.: 0.000 min  
Exp R.T.: 6.833 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

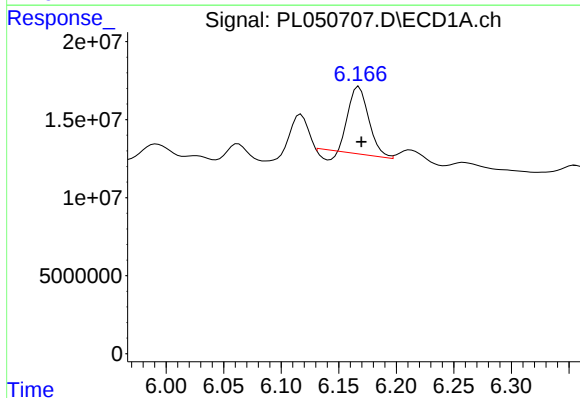
R.T.: 5.935 min  
Delta R.T.: 0.000 min  
Response: 24965434  
Conc: 2.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KY030LC018-SD-190711RE



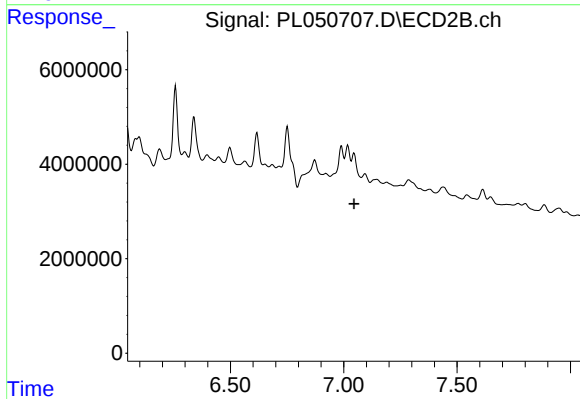
#16 4,4'-DDD

R.T.: 6.751 min  
Delta R.T.: 0.003 min  
Response: 18237460  
Conc: 6.85 ng/ml



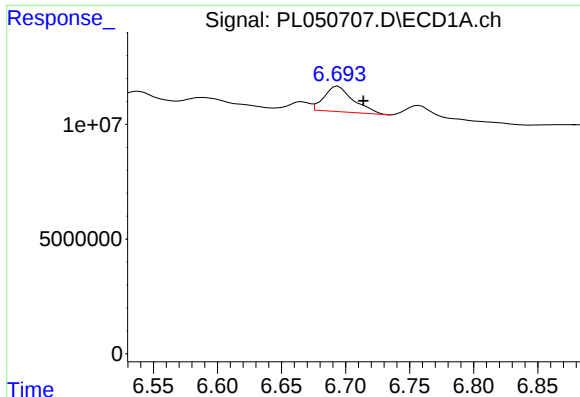
#17 4,4'-DDT

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 49407694  
Conc: 3.99 ng/ml



#17 4,4'-DDT

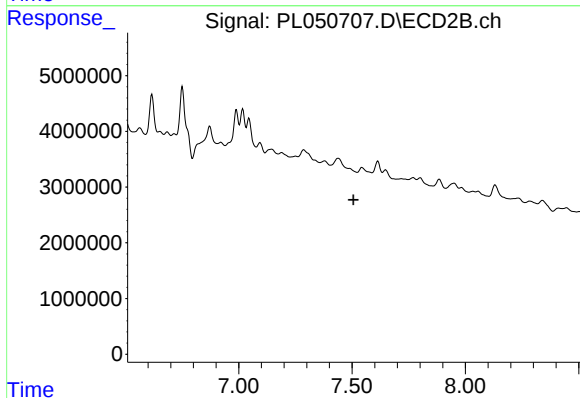
R.T.: 0.000 min  
Exp R.T.: 7.046 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

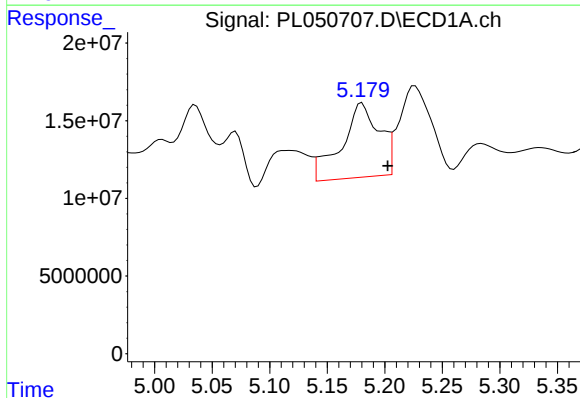
R.T.: 6.694 min  
Delta R.T.: -0.020 min  
Response: 17636509  
Conc: 2.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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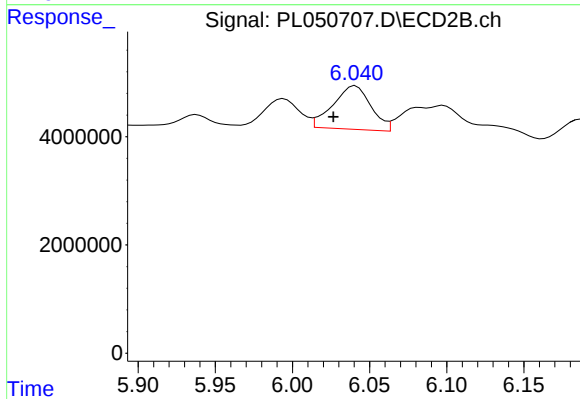
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.507 min  
Response: 0  
Conc: N.D.



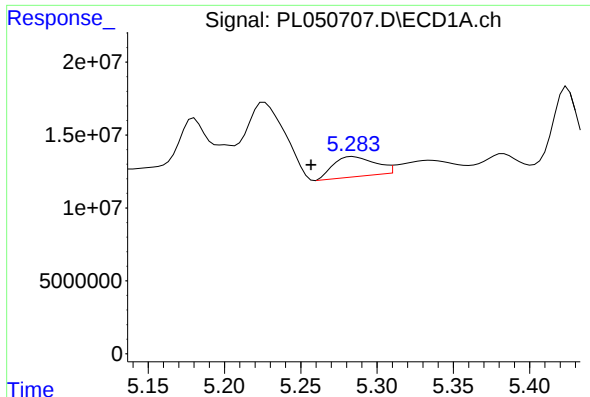
#25 Chlordane-3

R.T.: 5.180 min  
Delta R.T.: -0.022 min  
Response: 108739669  
Conc: 77.68 ng/ml



#25 Chlordane-3

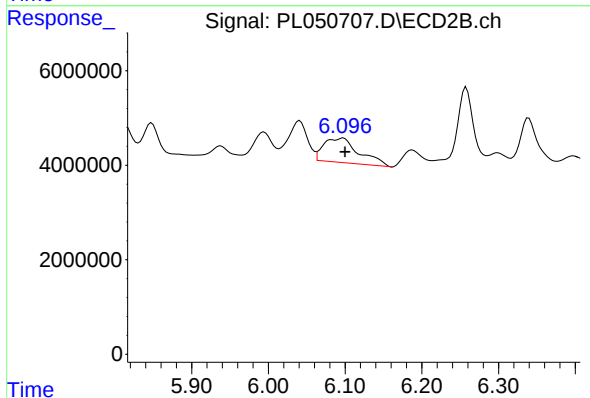
R.T.: 6.041 min  
Delta R.T.: 0.014 min  
Response: 13743584  
Conc: 28.57 ng/ml



#26 Chlordane-4

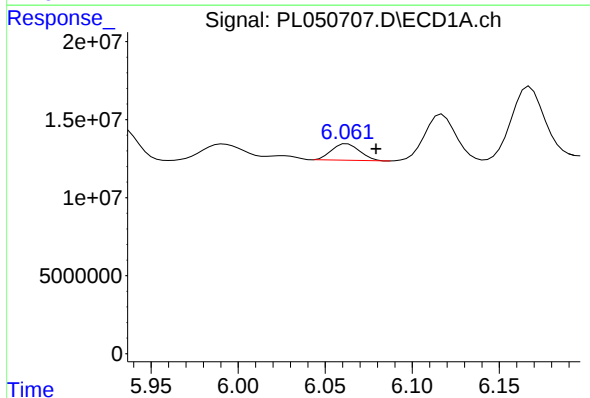
R.T.: 5.284 min  
Delta R.T.: 0.027 min  
Response: 26306610  
Conc: 19.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KY030LC018-SD-190711RE



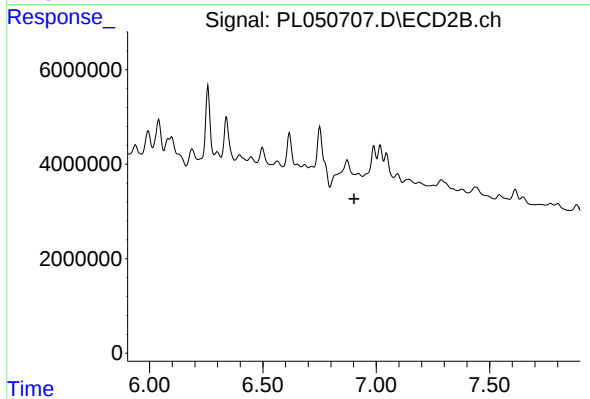
#26 Chlordane-4

R.T.: 6.098 min  
Delta R.T.: -0.003 min  
Response: 16618269  
Conc: 28.61 ng/ml



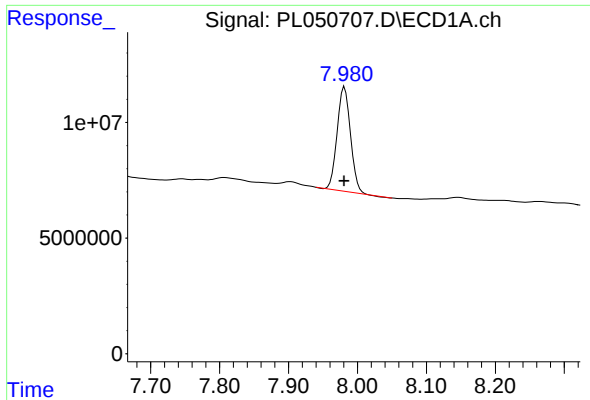
#27 Chlordane-5

R.T.: 6.063 min  
Delta R.T.: -0.017 min  
Response: 11894403  
Conc: 23.42 ng/ml



#27 Chlordane-5

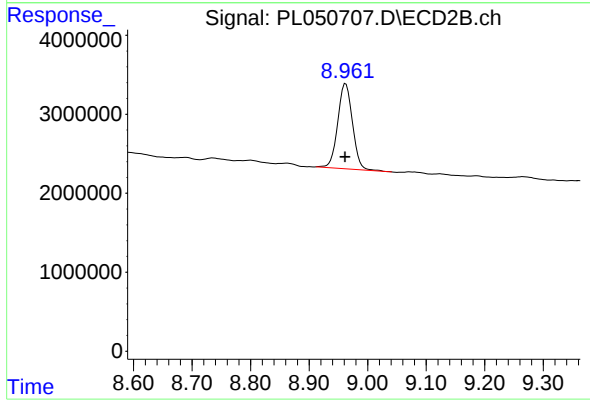
R.T.: 0.000 min  
Exp R.T.: 6.902 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.981 min  
Delta R.T.: 0.000 min  
Response: 59882821  
Conc: 5.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
KY030LC018-SD-190711RE



#28 Decachlorobiphenyl

R.T.: 8.963 min  
Delta R.T.: 0.000 min  
Response: 18795872  
Conc: 6.65 ng/ml