

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082121\  
 Data File : PD065188.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Aug 2021 16:15  
 Operator : AR\AJ  
 Sample : M3463-15  
 Misc :  
 ALS Vial : 70 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 SWCS-16-0204

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 23 01:53:21 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 20 02:25:41 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2     | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|------------|---------|----------|
| -----                       |                 |        |        |          |            |         |          |
| System Monitoring Compounds |                 |        |        |          |            |         |          |
| 1)                          | SA Tetrachlo... | 3.496  | 4.013  | 11364475 | 92795579   | 11.056  | 11.716   |
| 28)                         | SA Decachlor... | 8.239  | 9.083  | 11208360 | 42256786   | 9.892   | 8.929    |
| Target Compounds            |                 |        |        |          |            |         |          |
| 2)                          | A alpha-BHC     | 3.927  | 4.422  | 17736477 | 1449987    | 12.393  | 0.125 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 4.693  | 0        | 5158667    | N.D.    | 0.487 #  |
| 4)                          | MA Heptachlor   | 4.524  | 5.220f | 1938256  | 17724655   | 1.488   | 1.768    |
| 5)                          | MB Aldrin       | 4.768  | 5.528f | -1341959 | 46437637   | N.D.    | 5.141    |
| 6)                          | B beta-BHC      | 0.000  | 4.891f | 0        | 154.3E6    | N.D.    | 33.023 # |
| 7)                          | B delta-BHC     | 4.682  | 5.091  | 1063287  | 6677119    | 0.804   | 0.688    |
| 8)                          | B Heptachlo...  | 5.225f | 5.882  | 2474898  | 151.1E6    | 2.178   | 20.251 # |
| 9)                          | A Endosulfan I  | 5.563f | 6.229f | 2242657  | 12233923   | 2.102   | 1.737    |
| 10)                         | B gamma-Chl...  | 5.449f | 6.141  | 20914195 | -118456457 | 18.497  | N.D. #   |
| 11)                         | B alpha-Chl...  | 5.476f | 6.198  | 15261568 | 44948854   | 13.631  | 6.038 #  |
| 12)                         | B 4,4'-DDE      | 5.652  | 6.356  | -1919625 | 122.5E6    | N.D.    | 17.064   |
| 13)                         | MA Dieldrin     | 5.779  | 6.496  | 36004960 | 43131011   | 32.082  | 5.944 #  |
| 14)                         | MA Endrin       | 6.036  | 6.717  | -610253  | 172.1E6    | N.D.    | 27.962   |
| 15)                         | B Endosulfa...  | 6.300f | 6.916f | 20061385 | 3911669    | 20.064  | 0.667 #  |
| 16)                         | A 4,4'-DDD      | 6.169  | 6.851  | -382822  | 116.5E6    | N.D.    | 19.815   |
| 17)                         | MA 4,4'-DDT     | 6.404  | 7.146  | 48108633 | 40497076   | 48.375  | 6.753 #  |
| 18)                         | B Endrin al...  | 6.495  | 7.061  | 2405560  | 20923045   | 2.907   | 4.486 #  |
| 19)                         | B Endosulfa...  | 6.691  | 0.000  | 3455774  | 0          | 3.254   | N.D. #   |
| 20)                         | A Methoxychlor  | 6.934f | 7.600  | 11735860 | 9986722    | 19.911  | 3.300 #  |
| 21)                         | B Endrin ke...  | 7.210f | 0.000  | 5378306  | 0          | 4.219   | N.D. #   |
| 22)                         | Mirex           | 0.000  | 8.222  | 0        | 14219333   | N.D.    | 3.194 #  |
| 23)                         | Chlordane-1     | 4.365  | 5.010  | 1951445  | -4429744   | 51.527  | N.D. #   |
| 24)                         | Chlordane-2     | 4.869  | 5.476  | 6227588  | 8143937    | 142.689 | 26.034 # |
| 25)                         | Chlordane-3     | 5.449f | 6.141  | 20914195 | -118456457 | 189.490 | N.D. #   |
| 26)                         | Chlordane-4     | 5.476f | 6.198  | 15261568 | 44948854   | 166.241 | 37.385 # |
| 27)                         | Chlordane-5     | 6.353f | 7.025f | 8259848  | -11438842  | 183.598 | N.D. #   |
| -----                       |                 |        |        |          |            |         |          |

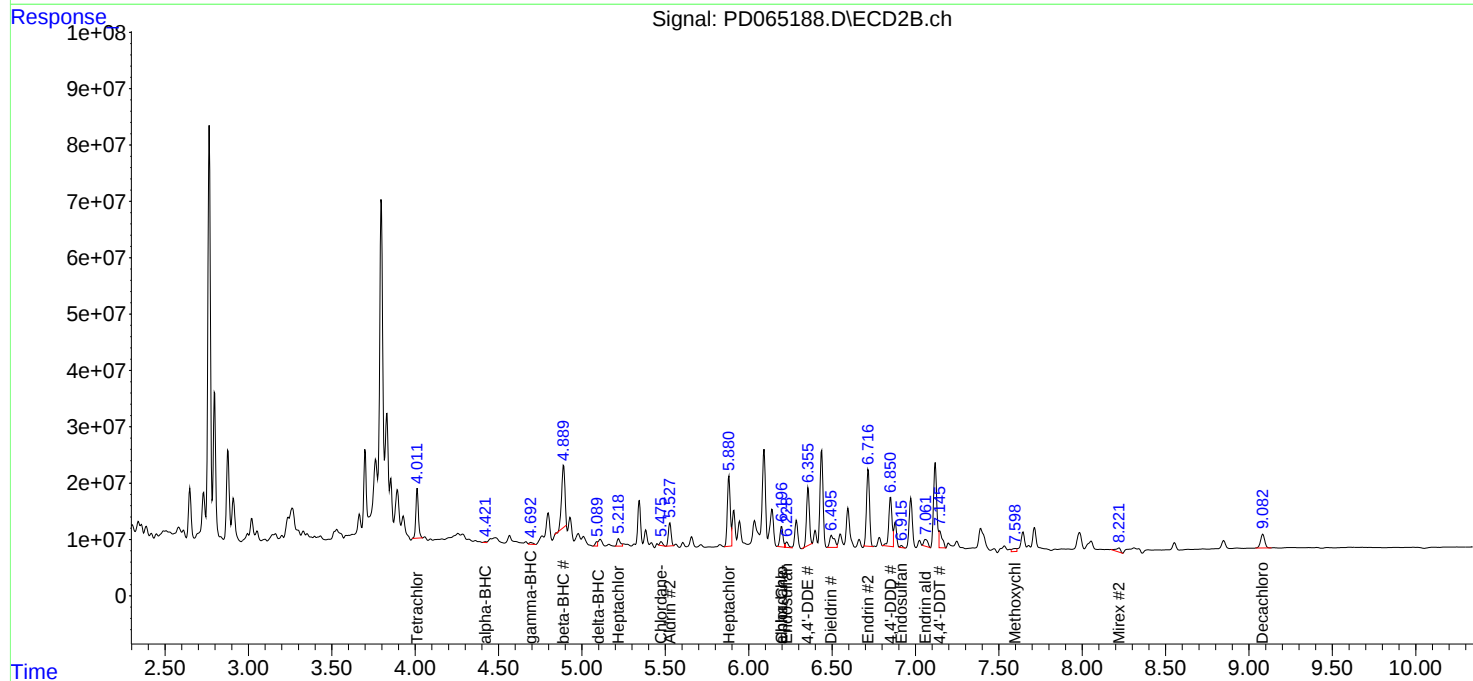
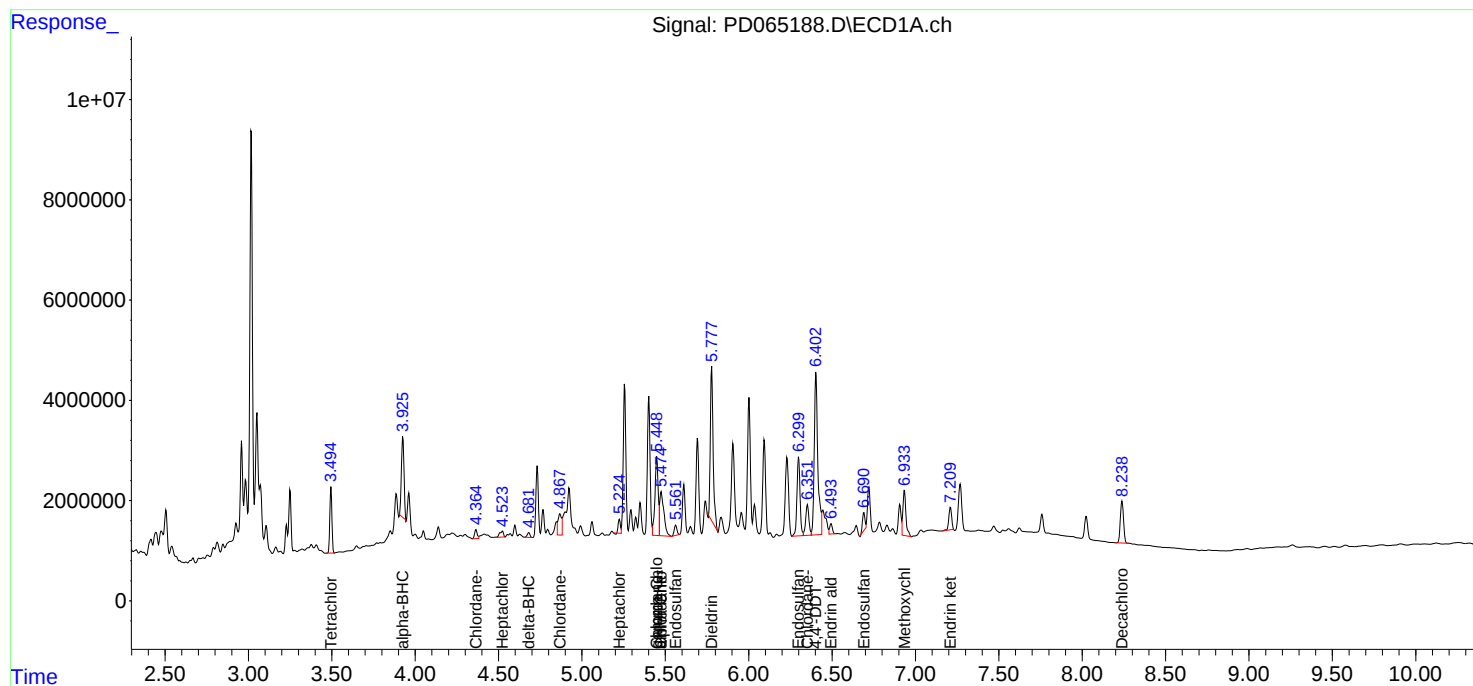
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

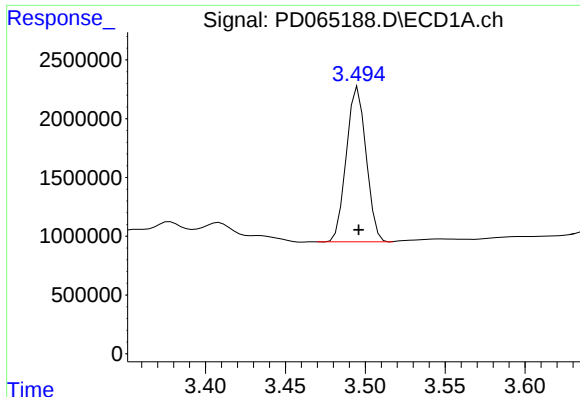
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082121\  
Data File : PD065188.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Aug 2021 16:15  
Operator : AR\AJ  
Sample : M3463-15  
Misc :  
ALS Vial : 70 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
SWCS-16-0204

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 23 01:53:21 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082021.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 20 02:25:41 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

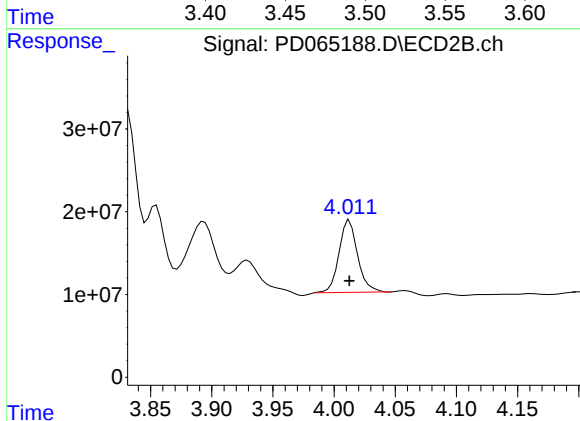




#1 Tetrachloro-m-xylene

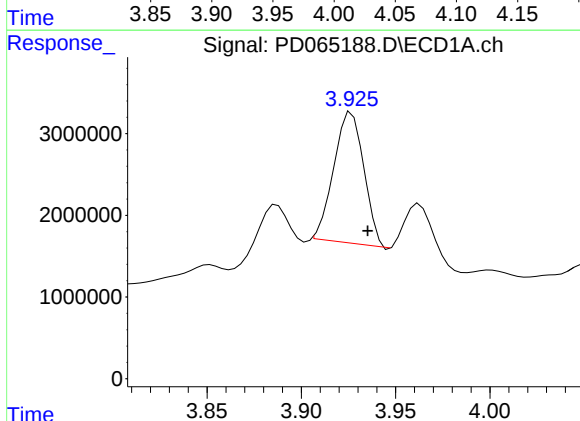
R.T.: 3.496 min  
Delta R.T.: 0.000 min  
Response: 11364475  
Conc: 11.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-16-0204



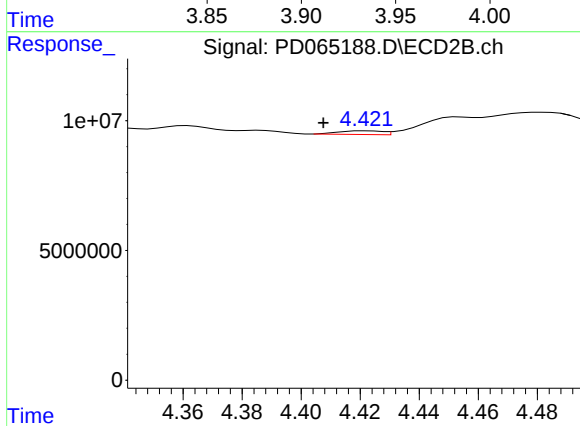
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 92795579  
Conc: 11.72 ng/ml



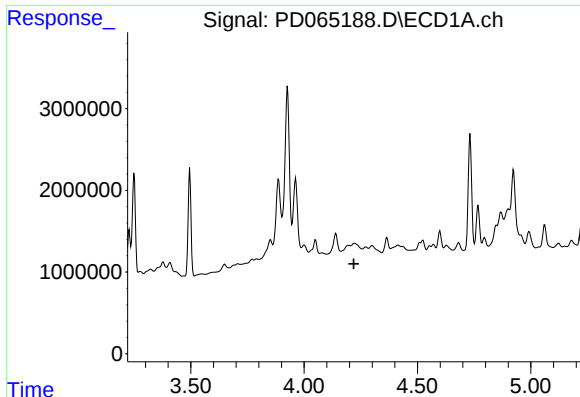
#2 alpha-BHC

R.T.: 3.927 min  
Delta R.T.: -0.009 min  
Response: 17736477  
Conc: 12.39 ng/ml



#2 alpha-BHC

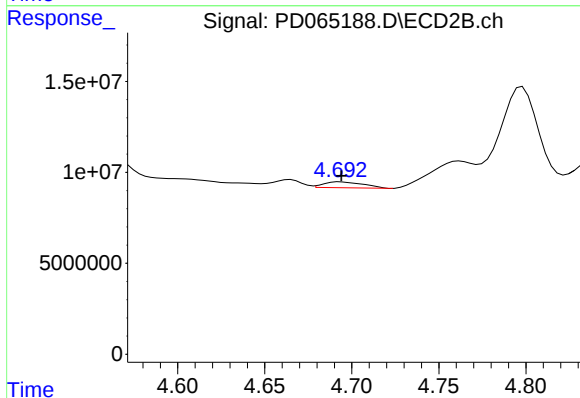
R.T.: 4.422 min  
Delta R.T.: 0.015 min  
Response: 1449987  
Conc: 0.12 ng/ml



#3 gamma-BHC (Lindane)

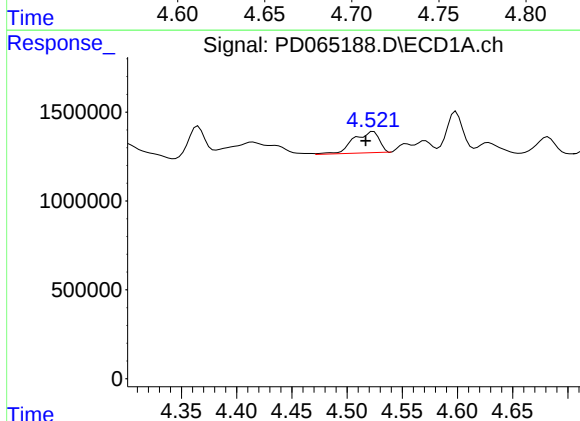
R.T.: 0.000 min  
Exp R.T.: 4.219 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-16-0204



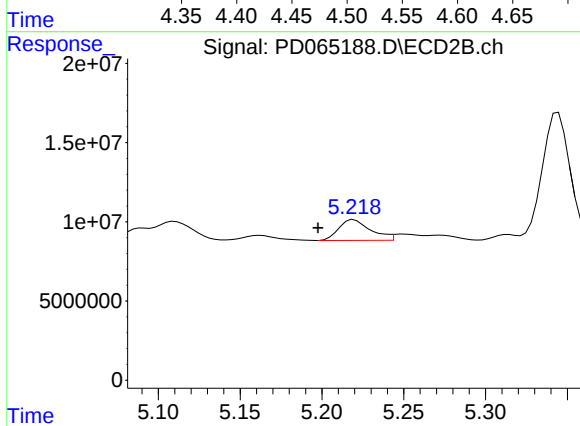
#3 gamma-BHC (Lindane)

R.T.: 4.693 min  
Delta R.T.: 0.000 min  
Response: 5158667  
Conc: 0.49 ng/ml



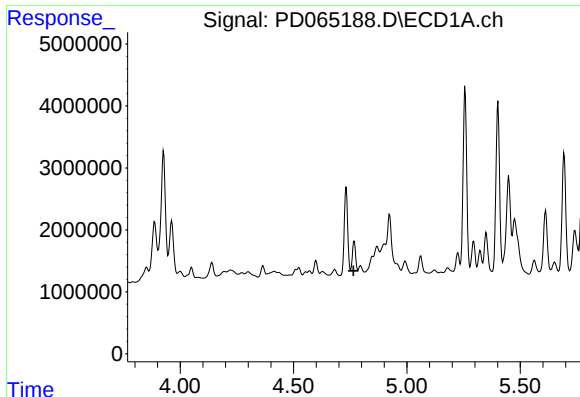
#4 Heptachlor

R.T.: 4.524 min  
Delta R.T.: 0.007 min  
Response: 1938256  
Conc: 1.49 ng/ml



#4 Heptachlor

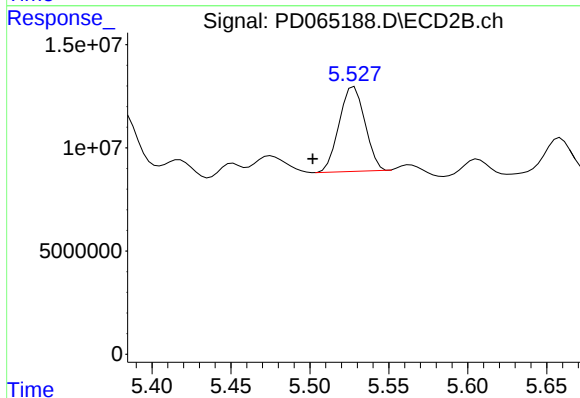
R.T.: 5.220 min  
Delta R.T.: 0.022 min  
Response: 17724655  
Conc: 1.77 ng/ml



#5 Aldrin

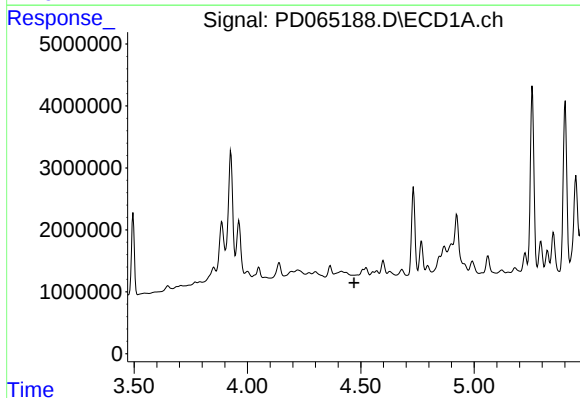
R.T.: 4.768 min  
Delta R.T.: 0.003 min  
Response: -1341959  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-16-0204



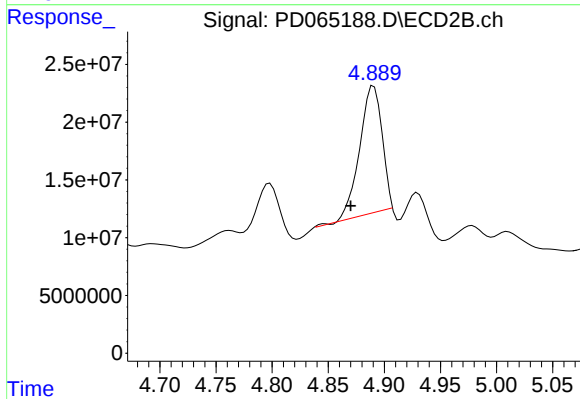
#5 Aldrin

R.T.: 5.528 min  
Delta R.T.: 0.026 min  
Response: 46437637  
Conc: 5.14 ng/ml



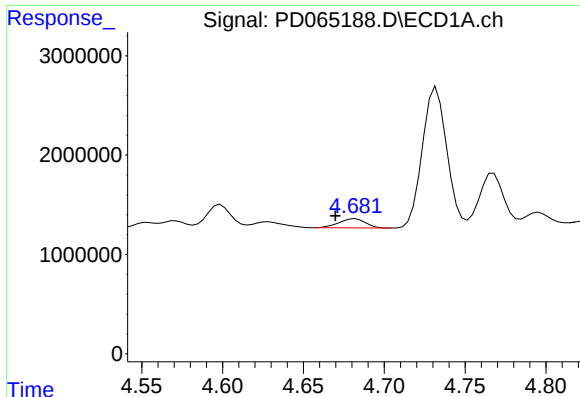
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.471 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

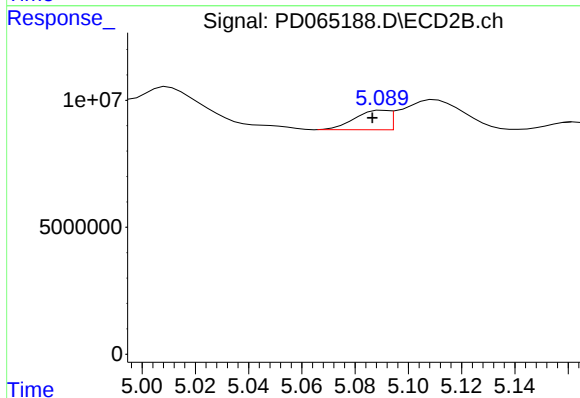
R.T.: 4.891 min  
Delta R.T.: 0.020 min  
Response: 154275674  
Conc: 33.02 ng/ml



#7 delta-BHC

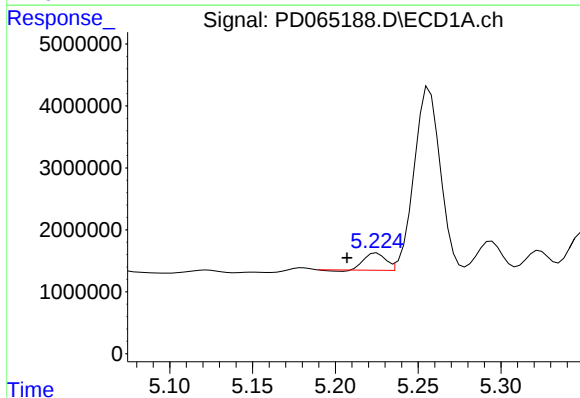
R.T.: 4.682 min  
Delta R.T.: 0.012 min  
Response: 1063287  
Conc: 0.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-16-0204



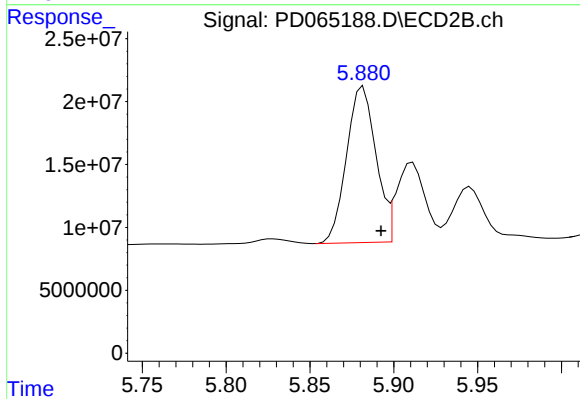
#7 delta-BHC

R.T.: 5.091 min  
Delta R.T.: 0.004 min  
Response: 6677119  
Conc: 0.69 ng/ml



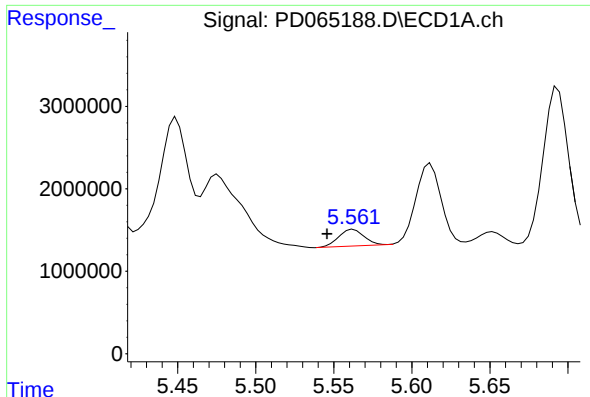
#8 Heptachlor epoxide

R.T.: 5.225 min  
Delta R.T.: 0.018 min  
Response: 2474898  
Conc: 2.18 ng/ml



#8 Heptachlor epoxide

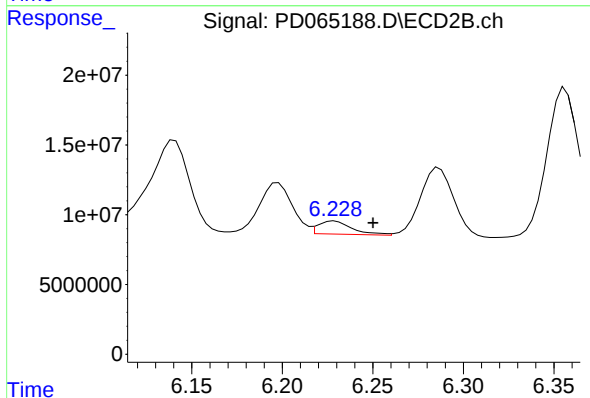
R.T.: 5.882 min  
Delta R.T.: -0.010 min  
Response: 151079258  
Conc: 20.25 ng/ml



#9 Endosulfan I

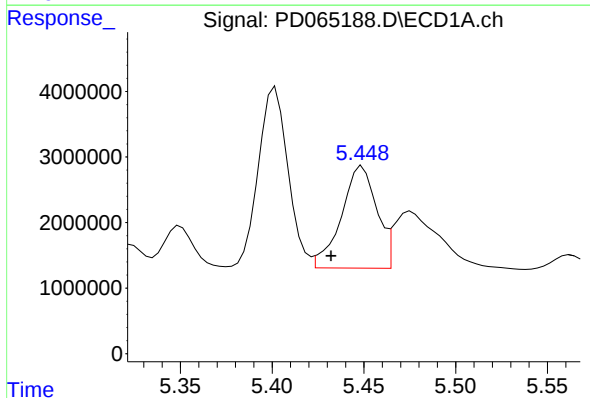
R.T.: 5.563 min  
Delta R.T.: 0.017 min  
Response: 2242657  
Conc: 2.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-16-0204



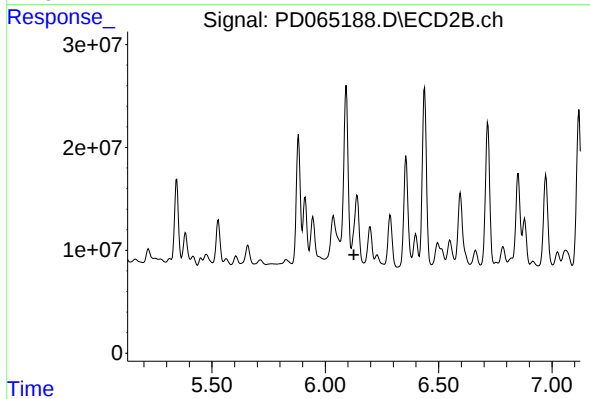
#9 Endosulfan I

R.T.: 6.229 min  
Delta R.T.: -0.021 min  
Response: 12233923  
Conc: 1.74 ng/ml



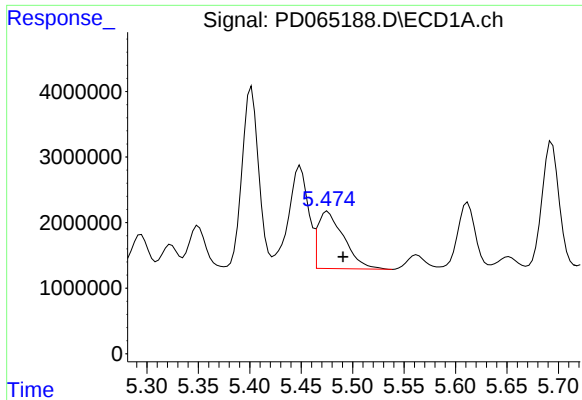
#10 gamma-Chlordane

R.T.: 5.449 min  
Delta R.T.: 0.017 min  
Response: 20914195  
Conc: 18.50 ng/ml



#10 gamma-Chlordane

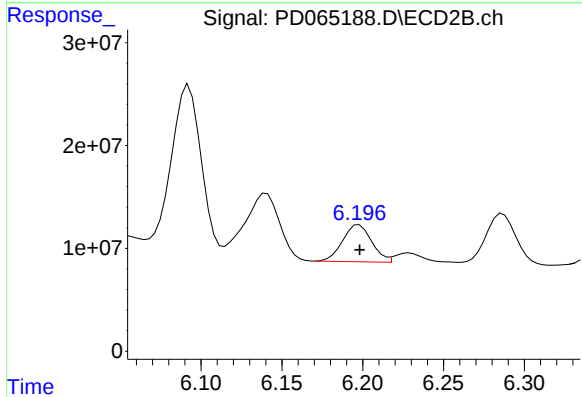
R.T.: 6.141 min  
Delta R.T.: 0.014 min  
Response: -118456457  
Conc: N.D.



#11 alpha-Chlordane

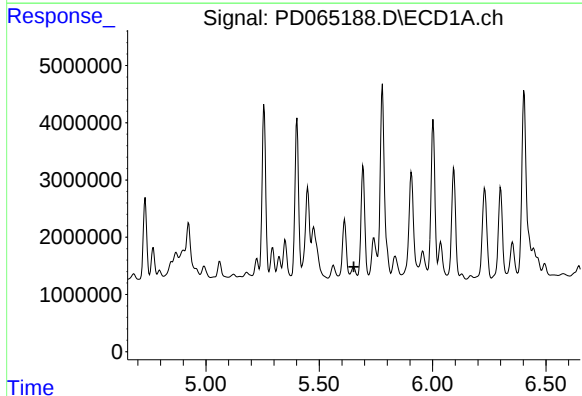
R.T.: 5.476 min  
Delta R.T.: -0.015 min  
Response: 15261568  
Conc: 13.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-16-0204



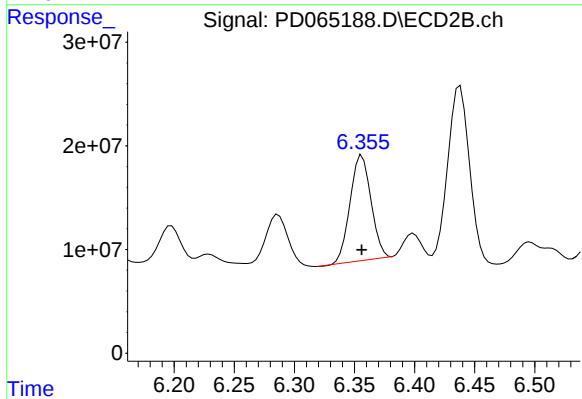
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 44948854  
Conc: 6.04 ng/ml



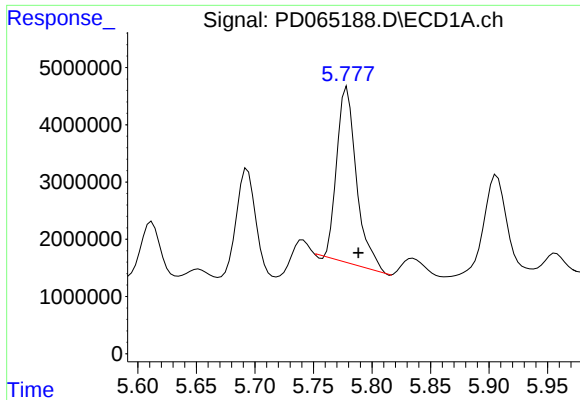
#12 4,4'-DDE

R.T.: 5.652 min  
Delta R.T.: 0.000 min  
Response: -1919625  
Conc: N.D.



#12 4,4'-DDE

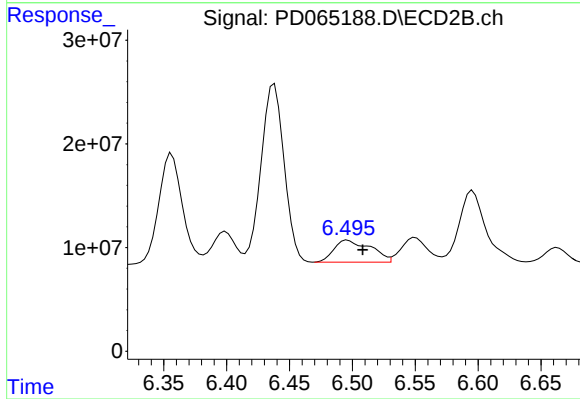
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 122528906  
Conc: 17.06 ng/ml



#13 Dieldrin

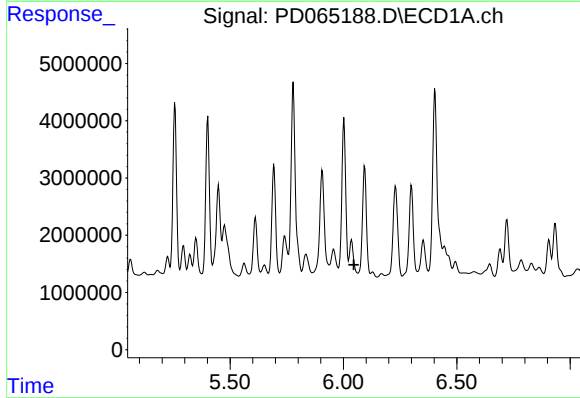
R.T.: 5.779 min  
Delta R.T.: -0.010 min  
Response: 36004960  
Conc: 32.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-16-0204



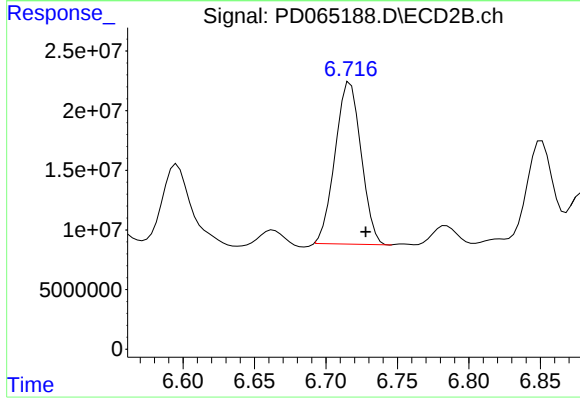
#13 Dieldrin

R.T.: 6.496 min  
Delta R.T.: -0.012 min  
Response: 43131011  
Conc: 5.94 ng/ml



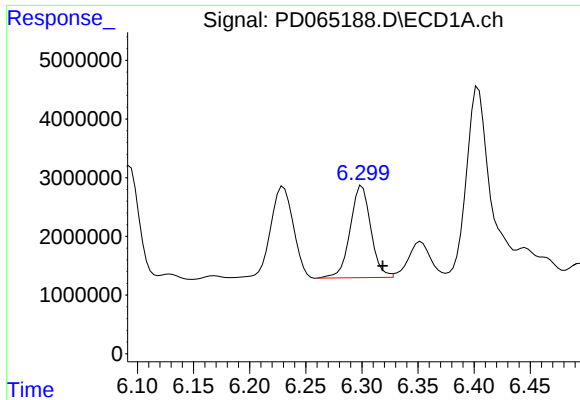
#14 Endrin

R.T.: 6.036 min  
Delta R.T.: -0.011 min  
Response: -610253  
Conc: N.D.



#14 Endrin

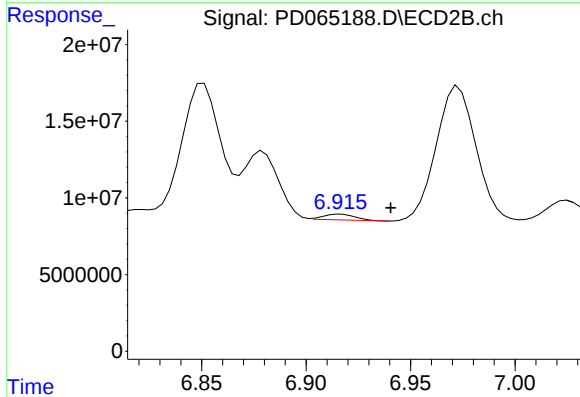
R.T.: 6.717 min  
Delta R.T.: -0.011 min  
Response: 172102192  
Conc: 27.96 ng/ml



#15 Endosulfan II

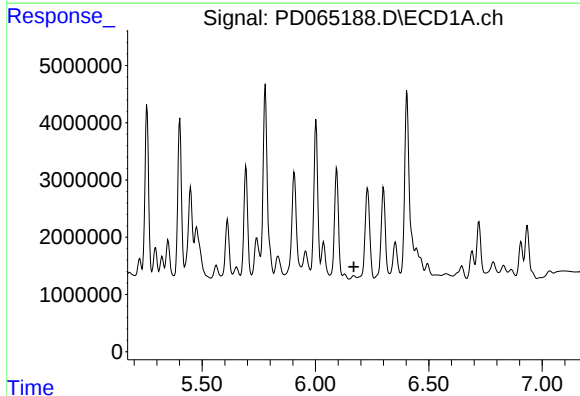
R.T.: 6.300 min  
Delta R.T.: -0.018 min  
Response: 20061385  
Conc: 20.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-16-0204



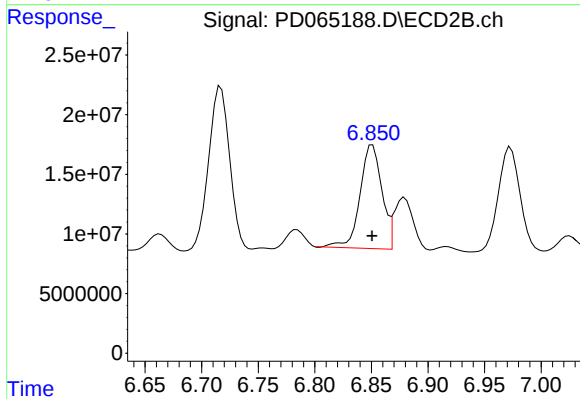
#15 Endosulfan II

R.T.: 6.916 min  
Delta R.T.: -0.024 min  
Response: 3911669  
Conc: 0.67 ng/ml



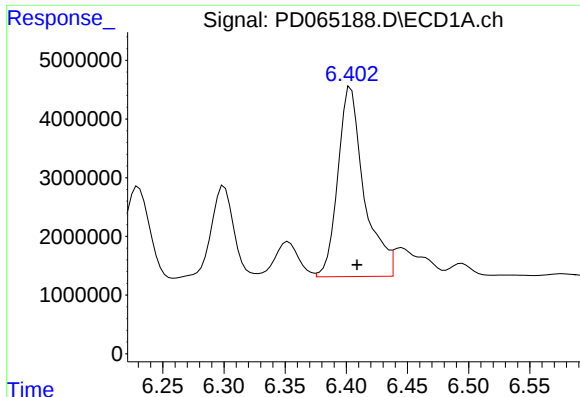
#16 4,4'-DDD

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: -382822  
Conc: N.D.



#16 4,4'-DDD

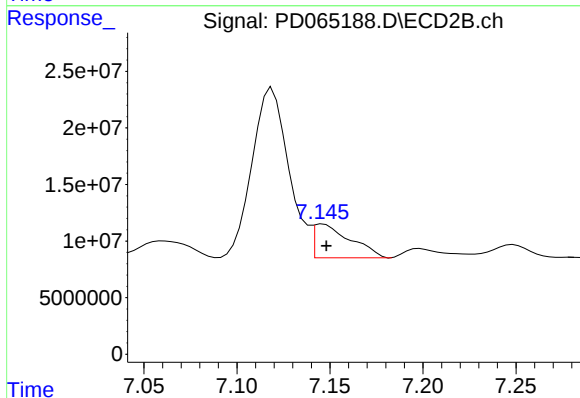
R.T.: 6.851 min  
Delta R.T.: 0.000 min  
Response: 116521284  
Conc: 19.82 ng/ml



#17 4,4'-DDT

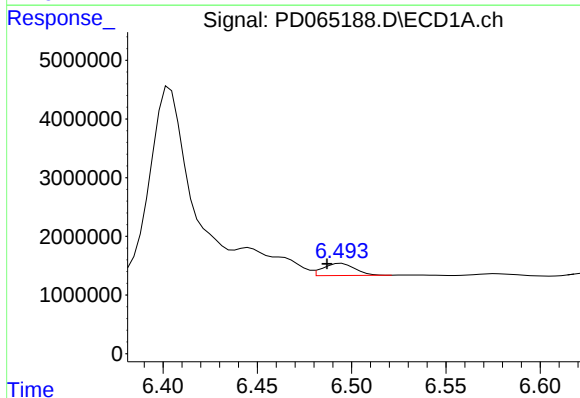
R.T.: 6.404 min  
Delta R.T.: -0.005 min  
Response: 48108633  
Conc: 48.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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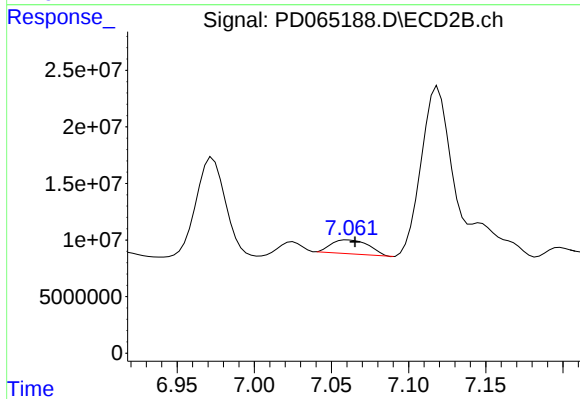
#17 4,4'-DDT

R.T.: 7.146 min  
Delta R.T.: -0.002 min  
Response: 40497076  
Conc: 6.75 ng/ml



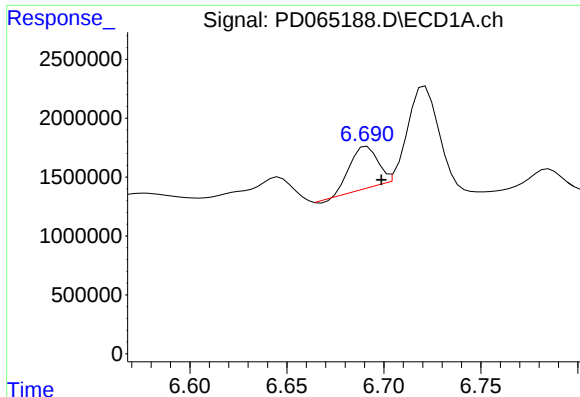
#18 Endrin aldehyde

R.T.: 6.495 min  
Delta R.T.: 0.008 min  
Response: 2405560  
Conc: 2.91 ng/ml



#18 Endrin aldehyde

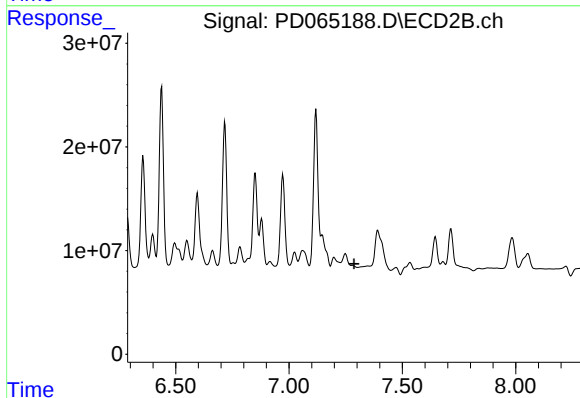
R.T.: 7.061 min  
Delta R.T.: -0.005 min  
Response: 20923045  
Conc: 4.49 ng/ml



#19 Endosulfan Sulfate

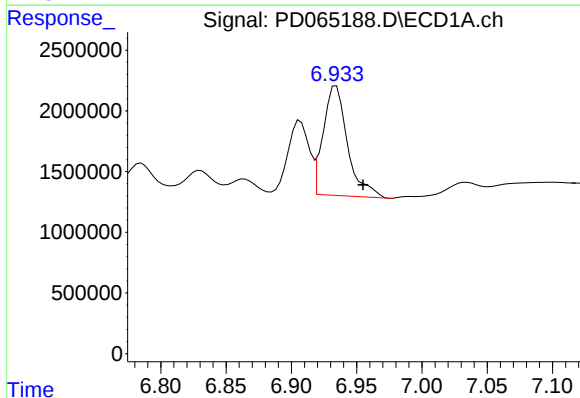
R.T.: 6.691 min  
Delta R.T.: -0.007 min  
Response: 3455774  
Conc: 3.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-16-0204



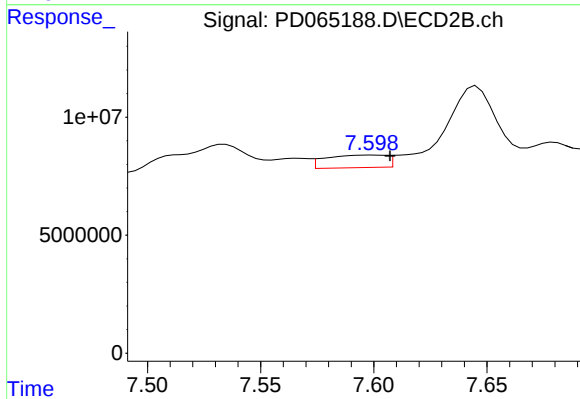
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.287 min  
Response: 0  
Conc: N.D.



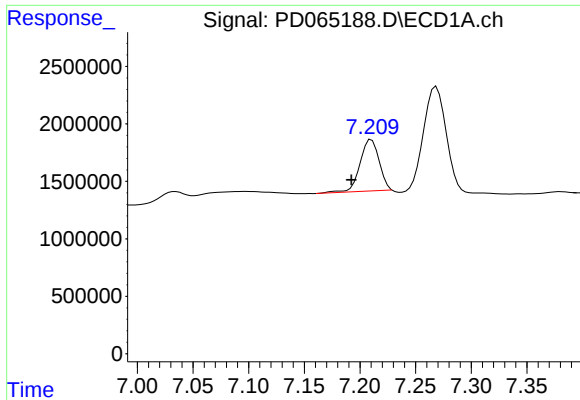
#20 Methoxychlor

R.T.: 6.934 min  
Delta R.T.: -0.021 min  
Response: 11735860  
Conc: 19.91 ng/ml



#20 Methoxychlor

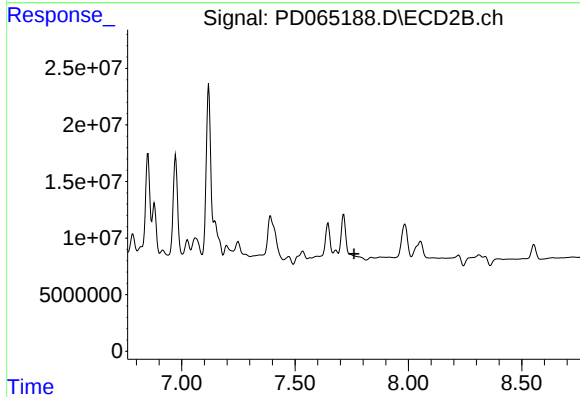
R.T.: 7.600 min  
Delta R.T.: -0.007 min  
Response: 9986722  
Conc: 3.30 ng/ml



#21 Endrin ketone

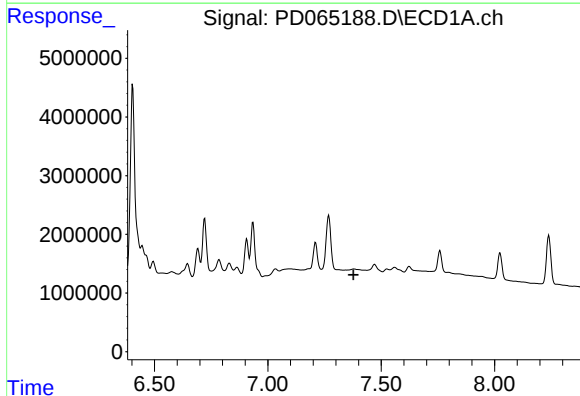
R.T.: 7.210 min  
Delta R.T.: 0.018 min  
Response: 5378306  
Conc: 4.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-16-0204



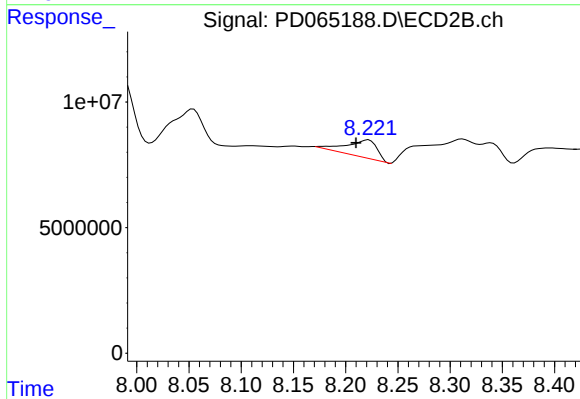
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.761 min  
Response: 0  
Conc: N.D.



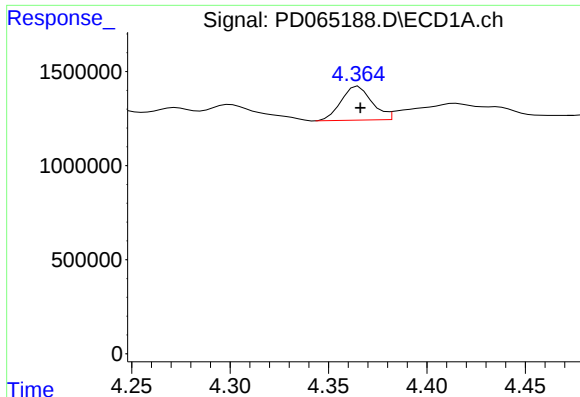
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.378 min  
Response: 0  
Conc: N.D.



#22 Mirex

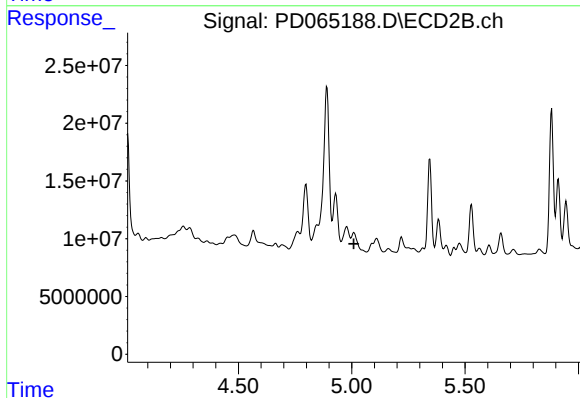
R.T.: 8.222 min  
Delta R.T.: 0.012 min  
Response: 14219333  
Conc: 3.19 ng/ml



#23 Chlordane-1

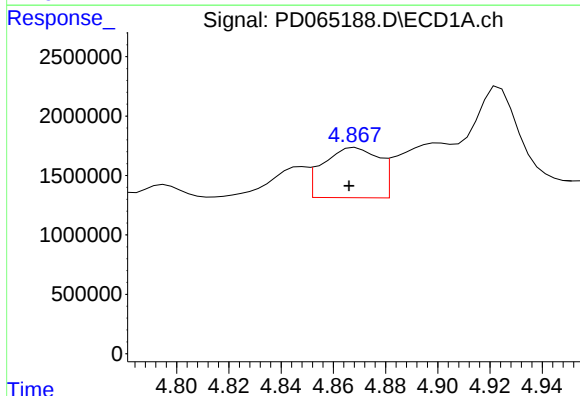
R.T.: 4.365 min  
Delta R.T.: 0.000 min  
Response: 1951445  
Conc: 51.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-16-0204



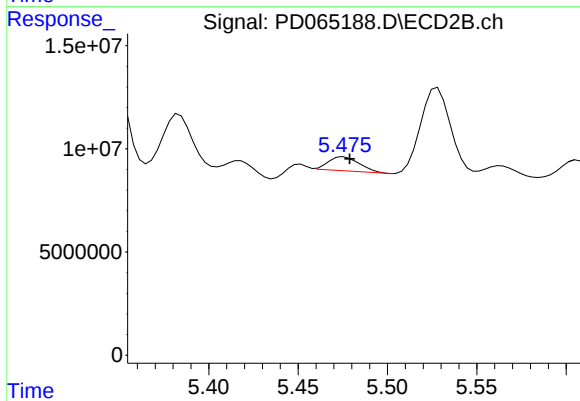
#23 Chlordane-1

R.T.: 5.010 min  
Delta R.T.: 0.000 min  
Response: -4429744  
Conc: N.D.



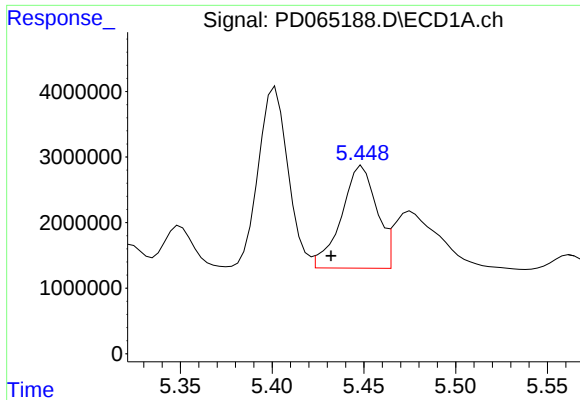
#24 Chlordane-2

R.T.: 4.869 min  
Delta R.T.: 0.003 min  
Response: 6227588  
Conc: 142.69 ng/ml



#24 Chlordane-2

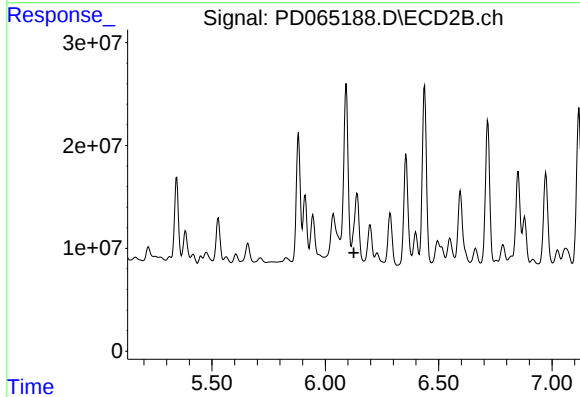
R.T.: 5.476 min  
Delta R.T.: -0.003 min  
Response: 8143937  
Conc: 26.03 ng/ml



#25 Chlordane-3

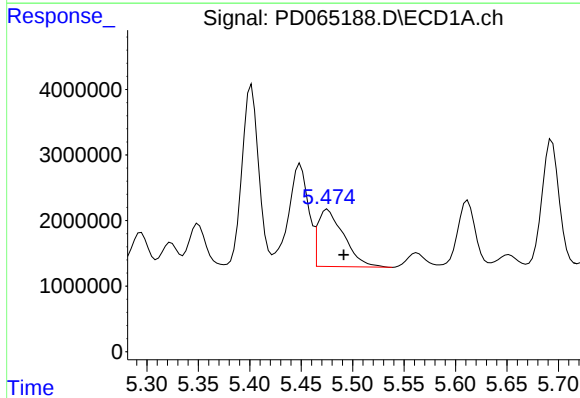
R.T.: 5.449 min  
Delta R.T.: 0.017 min  
Response: 20914195  
Conc: 189.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-16-0204



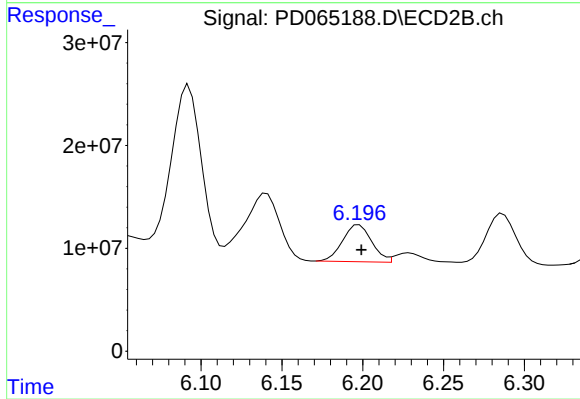
#25 Chlordane-3

R.T.: 6.141 min  
Delta R.T.: 0.014 min  
Response: -118456457  
Conc: N.D.



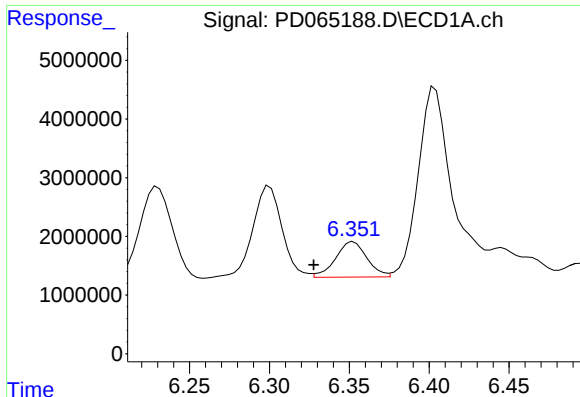
#26 Chlordane-4

R.T.: 5.476 min  
Delta R.T.: -0.016 min  
Response: 15261568  
Conc: 166.24 ng/ml



#26 Chlordane-4

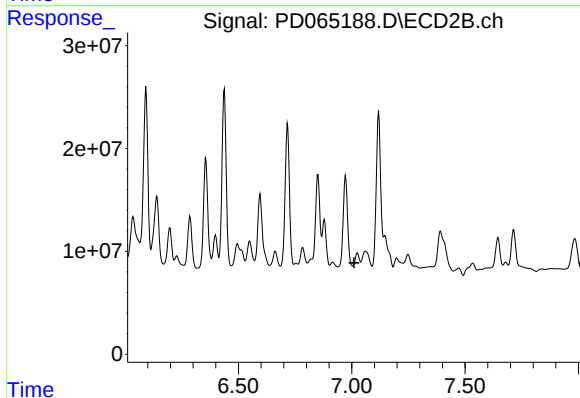
R.T.: 6.198 min  
Delta R.T.: -0.001 min  
Response: 44948854  
Conc: 37.39 ng/ml



#27 Chlordane-5

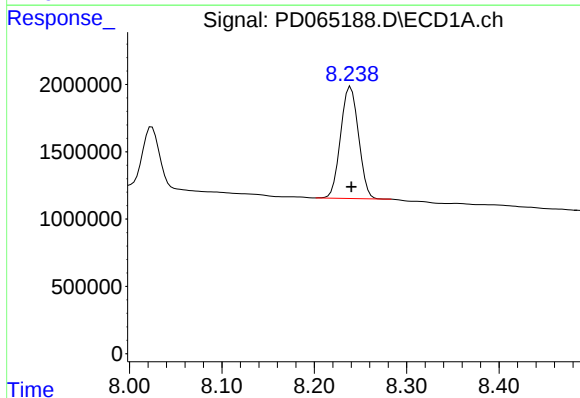
R.T.: 6.353 min  
Delta R.T.: 0.025 min  
Response: 8259848  
Conc: 183.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SWCS-16-0204



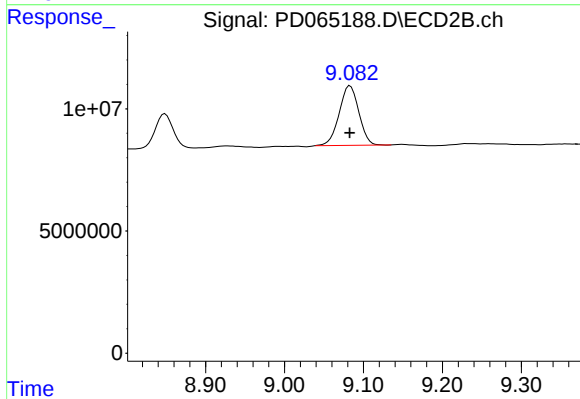
#27 Chlordane-5

R.T.: 7.025 min  
Delta R.T.: 0.015 min  
Response: -11438842  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.239 min  
Delta R.T.: 0.000 min  
Response: 11208360  
Conc: 9.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: 0.000 min  
Response: 42256786  
Conc: 8.93 ng/ml