

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102020\  
 Data File : PD059853.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Oct 2020 14:20  
 Operator : DD\AJ  
 Sample : L4214-07  
 Misc : CHLOR LOD 25 PPB  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 08:15:45 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101920.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 20 07:13:18 2020  
 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... | 3.507  | 4.024  | 31370330 | 50966568 | 21.127 | 20.765   |
| 28)                         | SA Decachlor... | 8.306  | 9.108  | 36827438 | 41214525 | 23.819 | 22.759   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | MA Heptachlor   | 4.543  | 5.211  | 2327525  | 8675220  | 0.981  | 2.544 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.546f | 0        | 277042   | N.D.   | 0.088 #  |
| 6)                          | B beta-BHC      | 4.454f | 0.000  | 2362129  | 0        | 2.513  | N.D. #   |
| 8)                          | B Heptachlo...  | 0.000  | 5.888f | 0        | 1876395  | N.D.   | 0.684 #  |
| 10)                         | B gamma-Chl...  | 5.471  | 6.139  | 5002787  | 9547822  | 2.425  | 3.267 #  |
| 11)                         | B alpha-Chl...  | 5.529  | 6.214  | 4124263  | 12554803 | 2.015  | 4.319 #  |
| 13)                         | MA Dieldrin     | 0.000  | 6.522  | 0        | 405949   | N.D.   | 0.141 #  |
| 14)                         | MA Endrin       | 0.000  | 6.742  | 0        | 156987   | N.D.   | 0.063 #  |
| 15)                         | B Endosulfa...  | 6.373  | 6.955  | 2146036  | 872526   | 1.135  | 0.336 #  |
| 16)                         | A 4,4'-DDD      | 6.218  | 6.876f | 9623     | 1002453  | 0.006  | 0.433 #  |
| 18)                         | B Endrin al...  | 0.000  | 7.063  | 0        | 294574   | N.D.   | 0.143 #  |
| 19)                         | B Endosulfa...  | 6.755  | 0.000  | 287448   | 0        | 0.178  | N.D. #   |
| 21)                         | B Endrin ke...  | 0.000  | 7.764  | 0        | 359655   | N.D.   | 0.145 #  |
| 22)                         | Mirex           | 7.451f | 0.000  | 798308   | 0        | 0.557  | N.D. #   |
| 23)                         | Chlordane-1     | 4.389  | 5.023  | 2125248  | 2464436  | 34.573 | 25.767 # |
| 24)                         | Chlordane-2     | 4.896  | 5.490  | 1775976  | 3824838  | 28.853 | 38.813 # |
| 25)                         | Chlordane-3     | 5.471  | 6.139  | 5002787  | 9547822  | 26.533 | 25.306   |
| 26)                         | Chlordane-4     | 5.529  | 6.214  | 4124263  | 12554803 | 27.006 | 28.104   |
| 27)                         | Chlordane-5     | 6.373  | 7.020  | 2146036  | 2750938  | 29.655 | 33.406   |
| -----                       |                 |        |        |          |          |        |          |

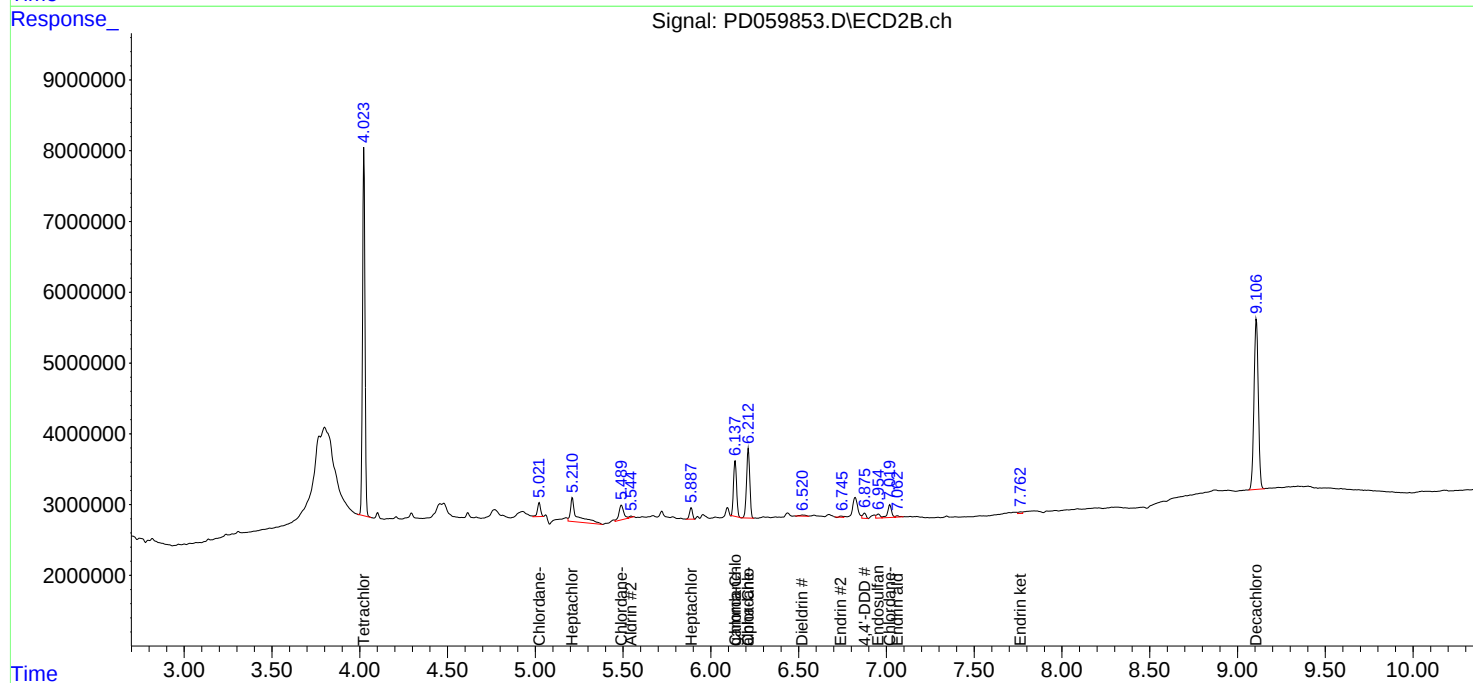
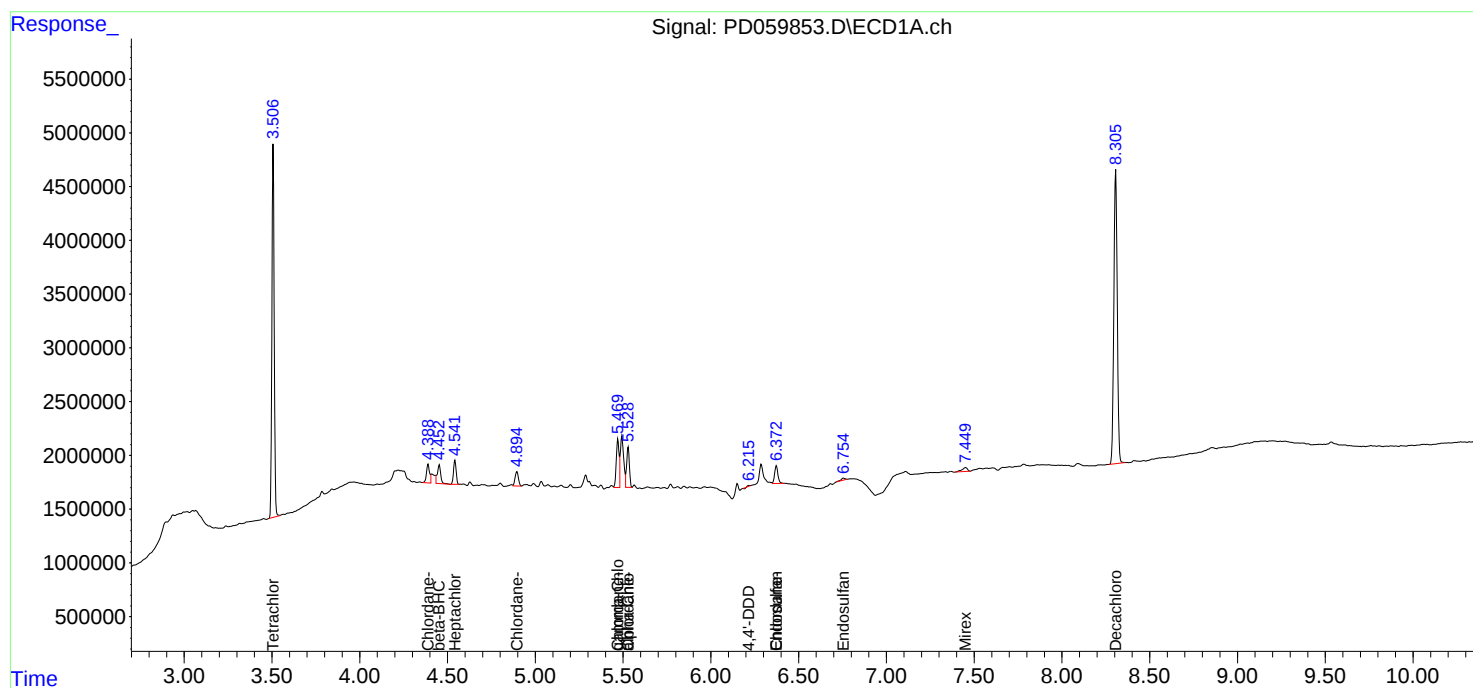
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

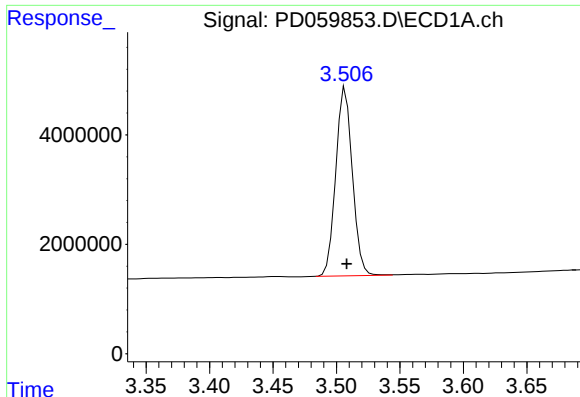
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102020\  
Data File : PD059853.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Oct 2020 14:20  
Operator : DD\AJ  
Sample : L4214-07  
Misc : CHLOR LOD 25 PPB  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 08:15:45 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101920.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 20 07:13:18 2020  
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

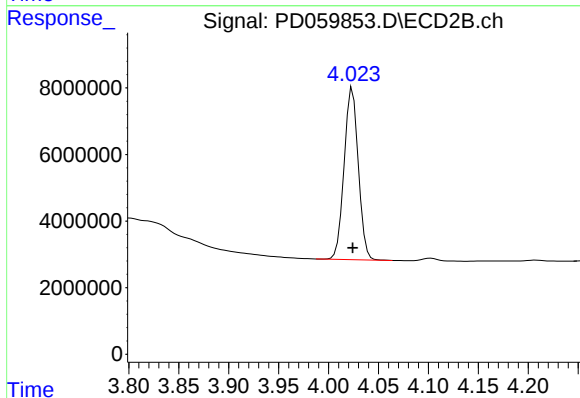




#1 Tetrachloro-m-xylene

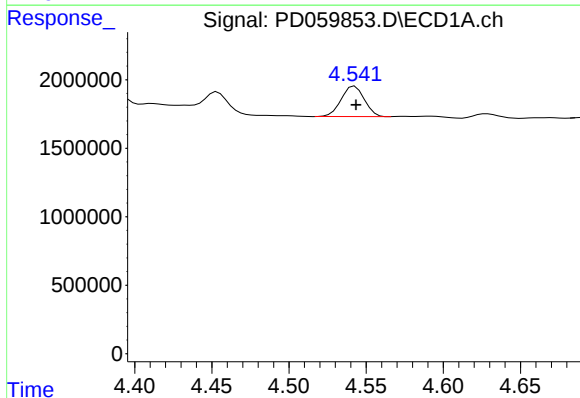
R.T.: 3.507 min  
Delta R.T.: 0.000 min  
Response: 31370330  
Conc: 21.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



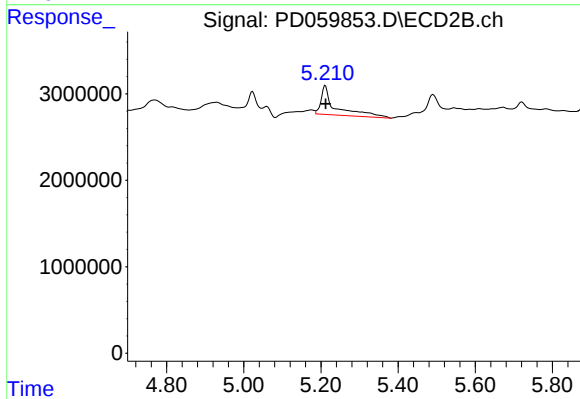
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: 0.000 min  
Response: 50966568  
Conc: 20.76 ng/ml



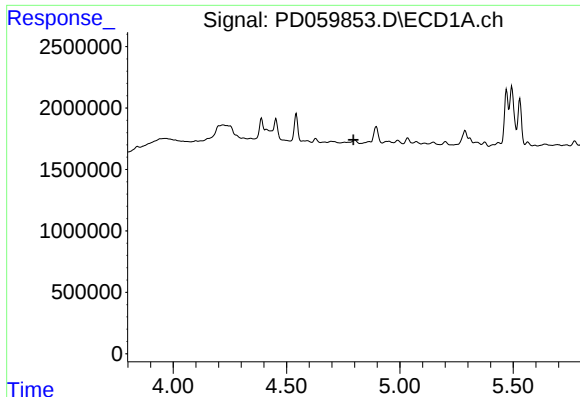
#4 Heptachlor

R.T.: 4.543 min  
Delta R.T.: 0.000 min  
Response: 2327525  
Conc: 0.98 ng/ml



#4 Heptachlor

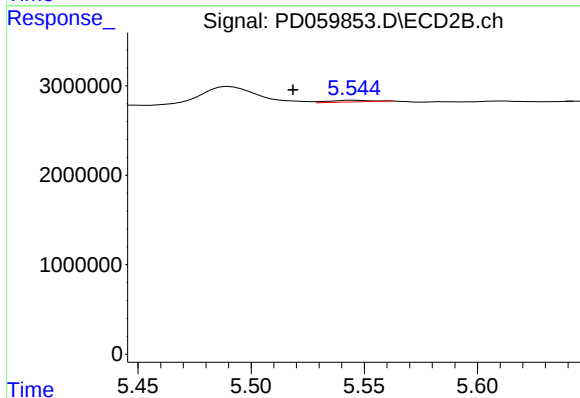
R.T.: 5.211 min  
Delta R.T.: -0.001 min  
Response: 8675220  
Conc: 2.54 ng/ml



#5 Aldrin

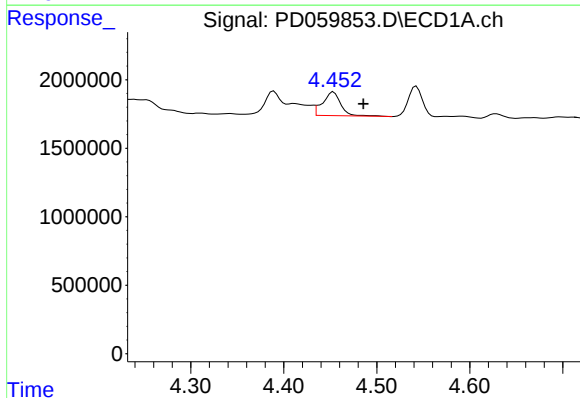
R.T.: 0.000 min  
Exp R.T.: 4.795 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



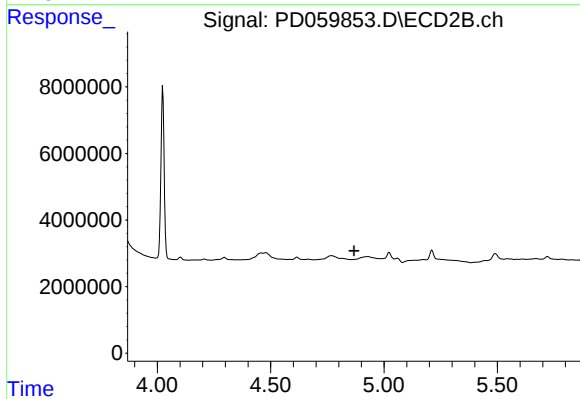
#5 Aldrin

R.T.: 5.546 min  
Delta R.T.: 0.027 min  
Response: 277042  
Conc: 0.09 ng/ml



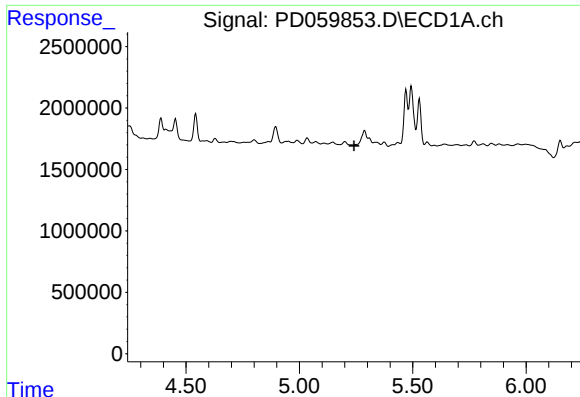
#6 beta-BHC

R.T.: 4.454 min  
Delta R.T.: -0.032 min  
Response: 2362129  
Conc: 2.51 ng/ml



#6 beta-BHC

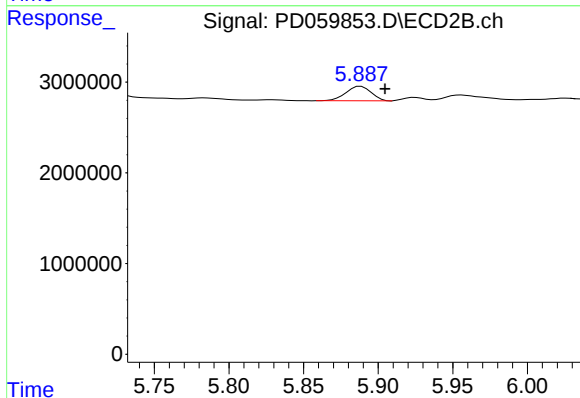
R.T.: 0.000 min  
Exp R.T.: 4.868 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

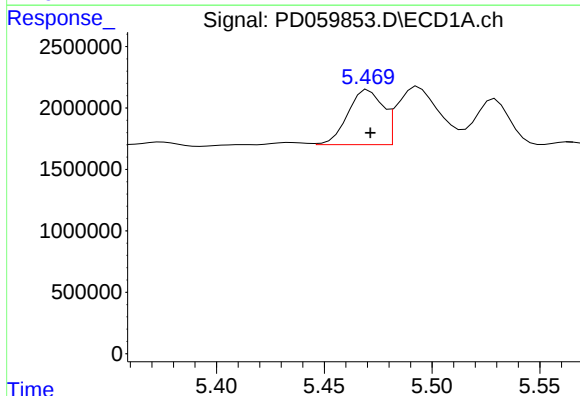
R.T.: 0.000 min  
Exp R.T.: 5.242 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



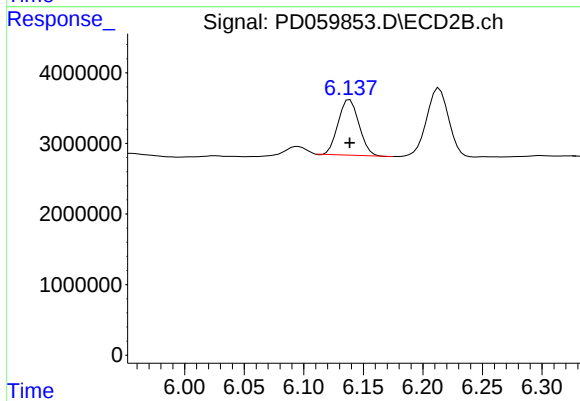
#8 Heptachlor epoxide

R.T.: 5.888 min  
Delta R.T.: -0.016 min  
Response: 1876395  
Conc: 0.68 ng/ml



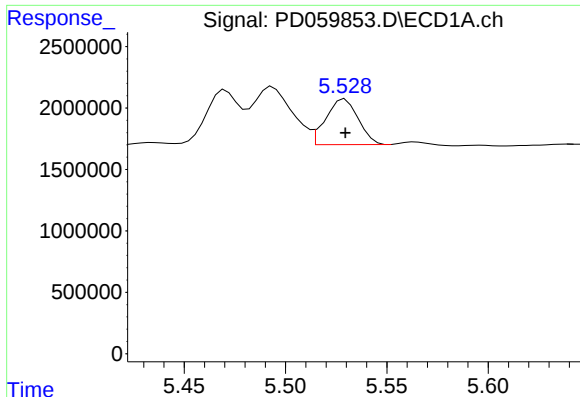
#10 gamma-Chlordane

R.T.: 5.471 min  
Delta R.T.: 0.000 min  
Response: 5002787  
Conc: 2.43 ng/ml



#10 gamma-Chlordane

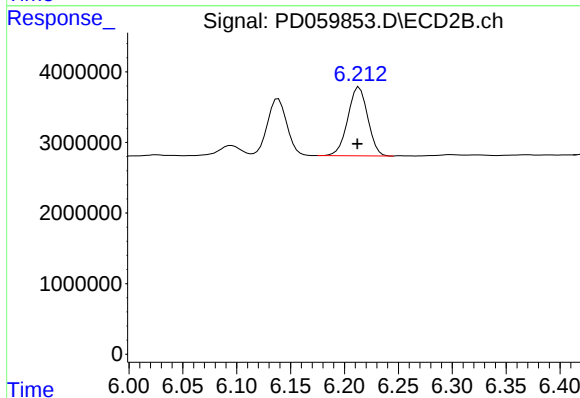
R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 9547822  
Conc: 3.27 ng/ml



#11 alpha-Chlordane

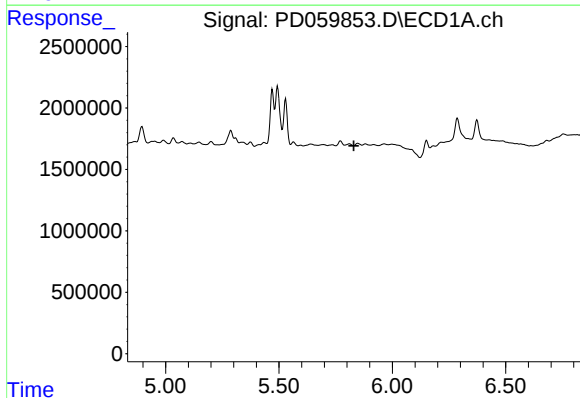
R.T.: 5.529 min  
Delta R.T.: 0.000 min  
Response: 4124263  
Conc: 2.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



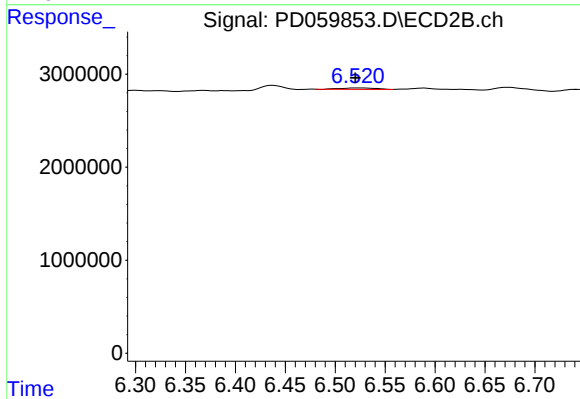
#11 alpha-Chlordane

R.T.: 6.214 min  
Delta R.T.: 0.002 min  
Response: 12554803  
Conc: 4.32 ng/ml



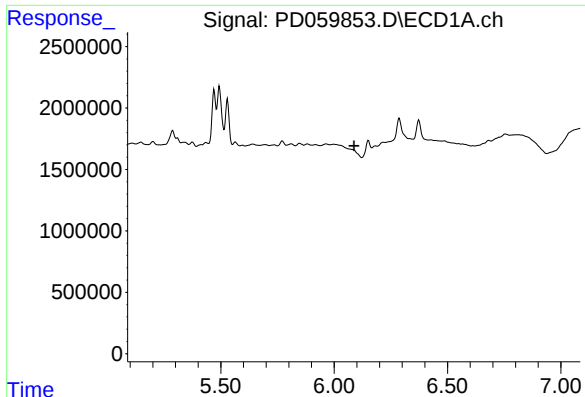
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.830 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

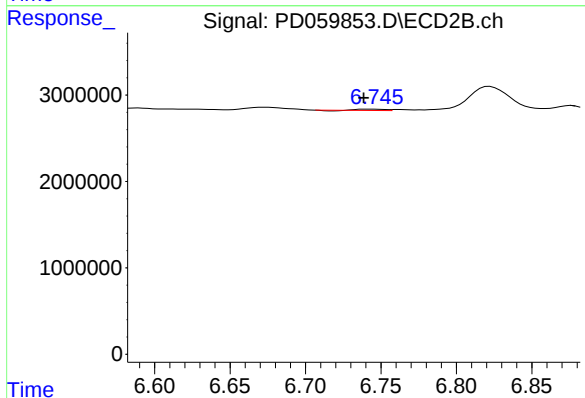
R.T.: 6.522 min  
Delta R.T.: 0.001 min  
Response: 405949  
Conc: 0.14 ng/ml



#14 Endrin

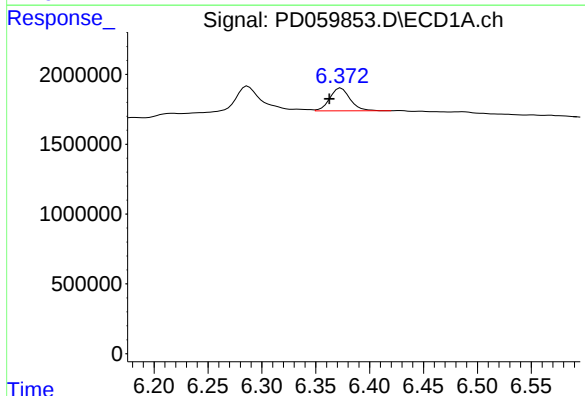
R.T.: 0.000 min  
Exp R.T.: 6.089 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



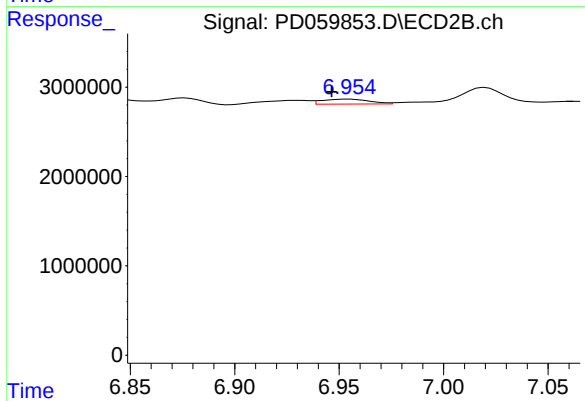
#14 Endrin

R.T.: 6.742 min  
Delta R.T.: 0.004 min  
Response: 156987  
Conc: 0.06 ng/ml



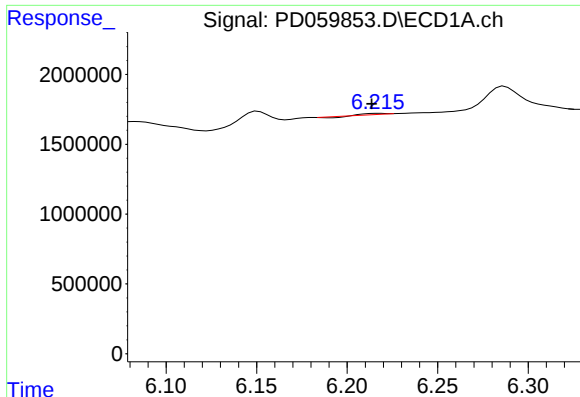
#15 Endosulfan II

R.T.: 6.373 min  
Delta R.T.: 0.011 min  
Response: 2146036  
Conc: 1.14 ng/ml



#15 Endosulfan II

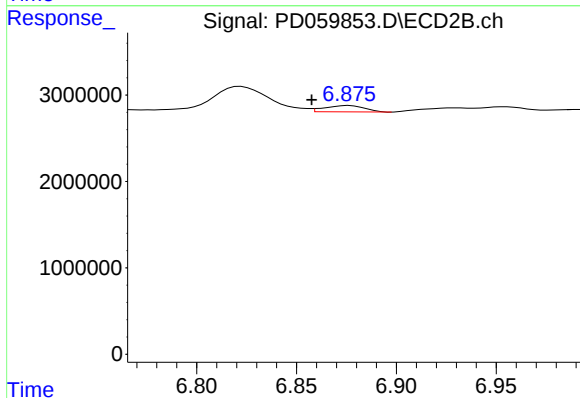
R.T.: 6.955 min  
Delta R.T.: 0.008 min  
Response: 872526  
Conc: 0.34 ng/ml



#16 4,4'-DDD

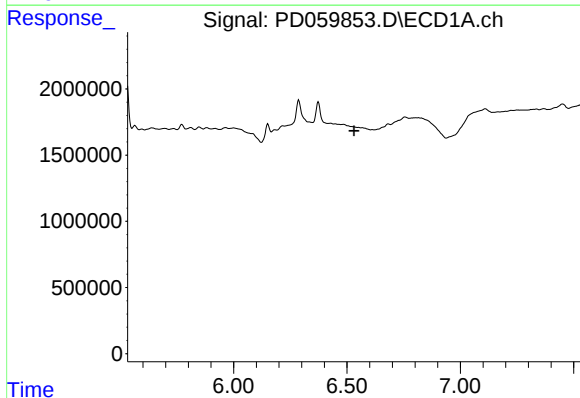
R.T.: 6.218 min  
Delta R.T.: 0.004 min  
Response: 9623  
Conc: 0.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



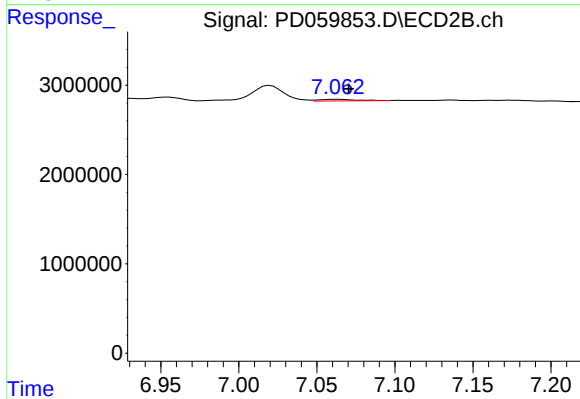
#16 4,4'-DDD

R.T.: 6.876 min  
Delta R.T.: 0.019 min  
Response: 1002453  
Conc: 0.43 ng/ml



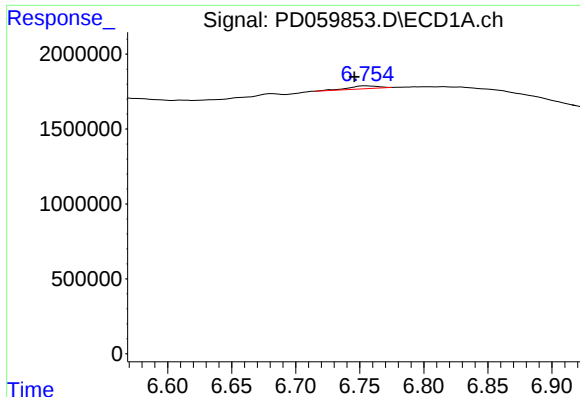
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.532 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

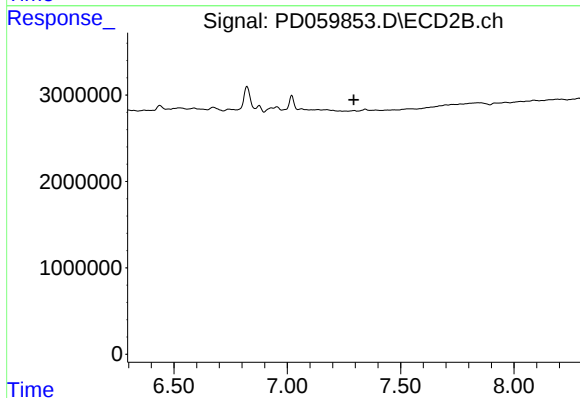
R.T.: 7.063 min  
Delta R.T.: -0.007 min  
Response: 294574  
Conc: 0.14 ng/ml



#19 Endosulfan Sulfate

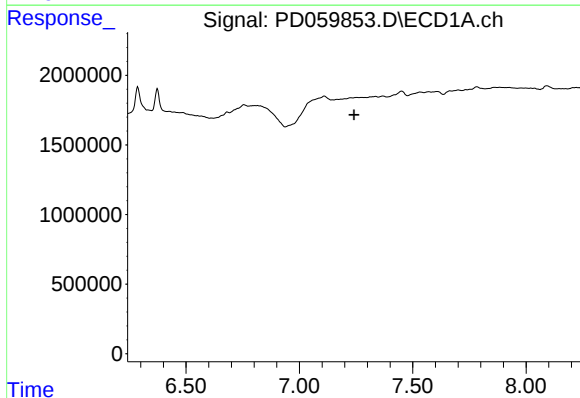
R.T.: 6.755 min  
Delta R.T.: 0.009 min  
Response: 287448  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



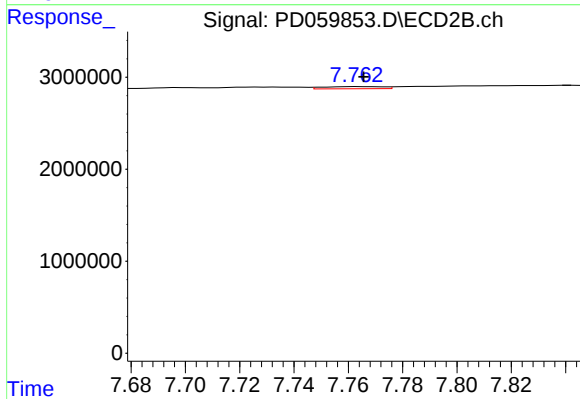
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.294 min  
Response: 0  
Conc: N.D.



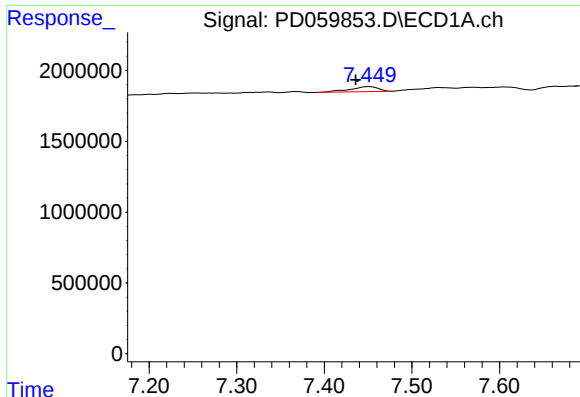
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.242 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

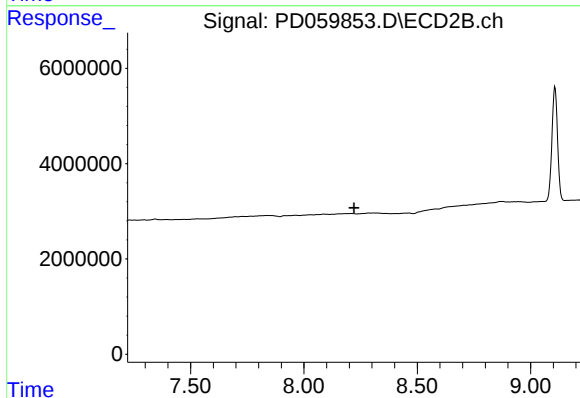
R.T.: 7.764 min  
Delta R.T.: -0.001 min  
Response: 359655  
Conc: 0.14 ng/ml



#22 Mirex

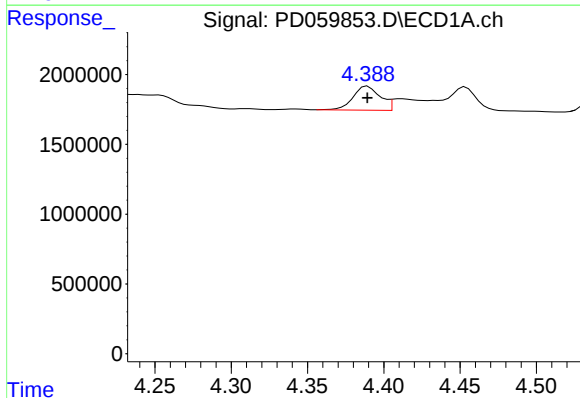
R.T.: 7.451 min  
Delta R.T.: 0.015 min  
Response: 798308  
Conc: 0.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



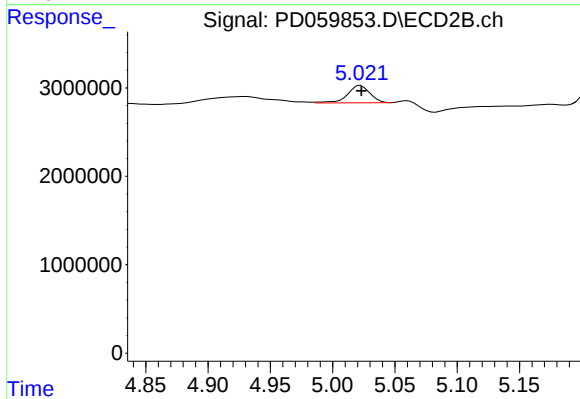
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.221 min  
Response: 0  
Conc: N.D.



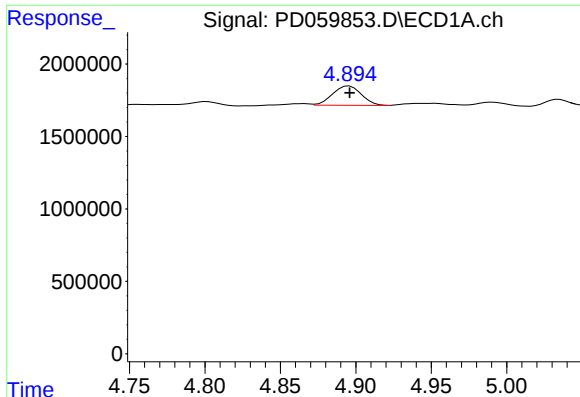
#23 Chlordane-1

R.T.: 4.389 min  
Delta R.T.: 0.000 min  
Response: 2125248  
Conc: 34.57 ng/ml



#23 Chlordane-1

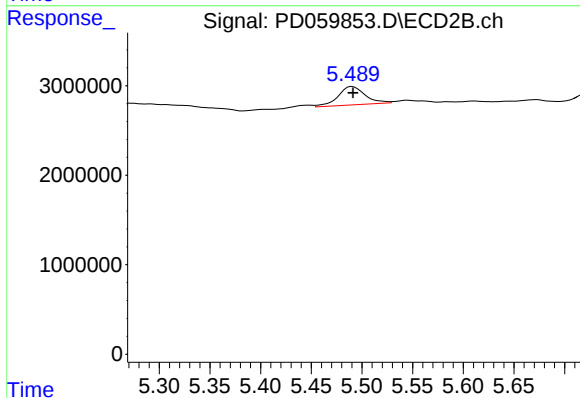
R.T.: 5.023 min  
Delta R.T.: 0.000 min  
Response: 2464436  
Conc: 25.77 ng/ml



#24 Chlordane-2

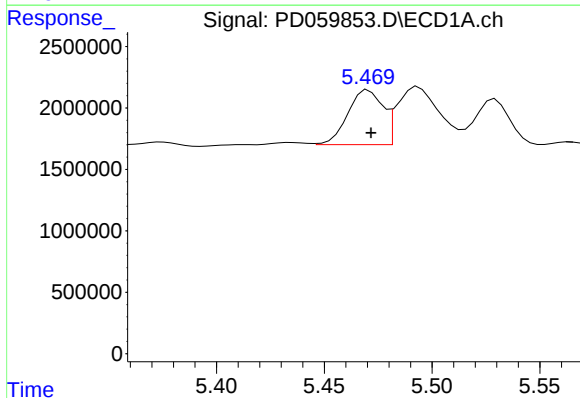
R.T.: 4.896 min  
Delta R.T.: 0.000 min  
Response: 1775976  
Conc: 28.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



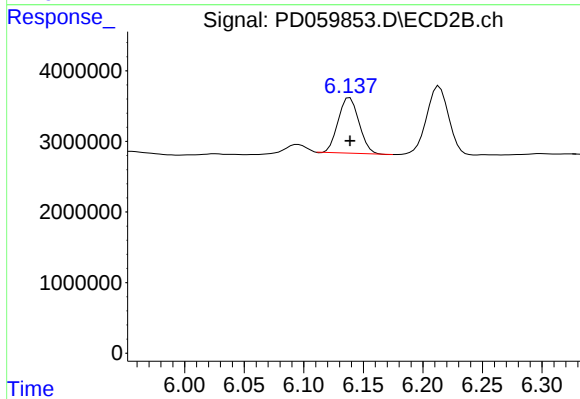
#24 Chlordane-2

R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 3824838  
Conc: 38.81 ng/ml



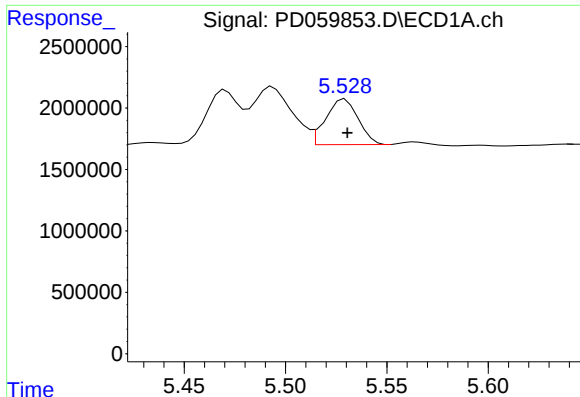
#25 Chlordane-3

R.T.: 5.471 min  
Delta R.T.: -0.001 min  
Response: 5002787  
Conc: 26.53 ng/ml



#25 Chlordane-3

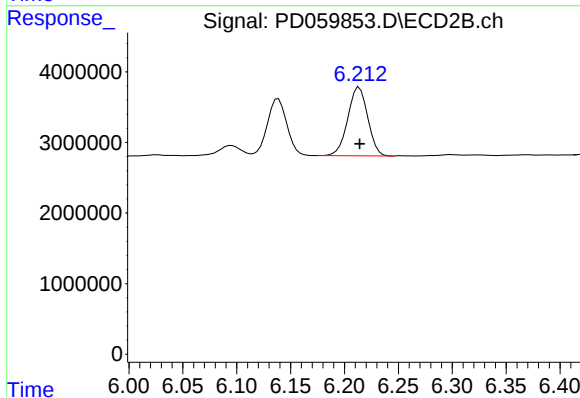
R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 9547822  
Conc: 25.31 ng/ml



#26 Chlordane-4

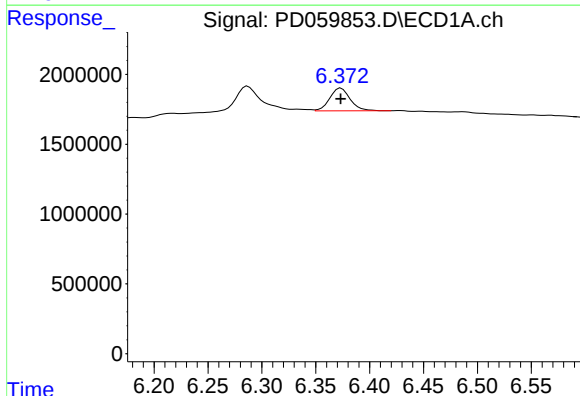
R.T.: 5.529 min  
Delta R.T.: -0.001 min  
Response: 4124263  
Conc: 27.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



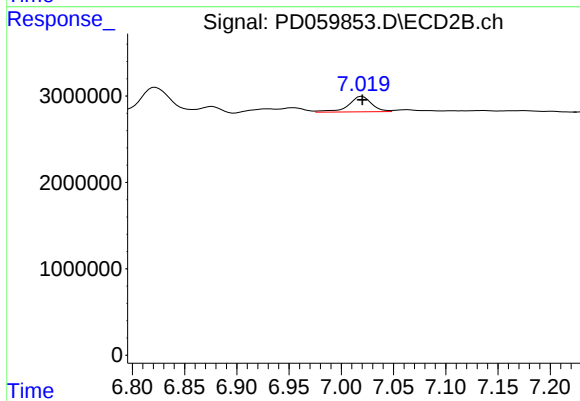
#26 Chlordane-4

R.T.: 6.214 min  
Delta R.T.: 0.000 min  
Response: 12554803  
Conc: 28.10 ng/ml



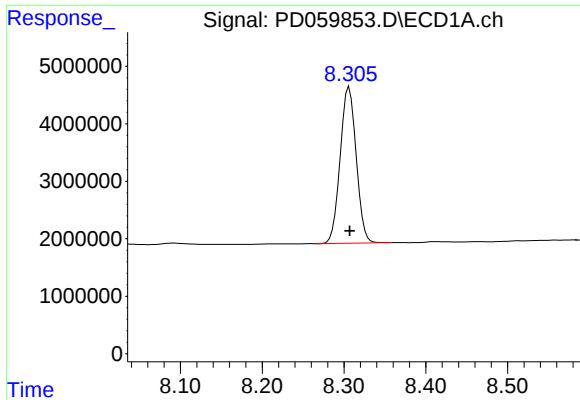
#27 Chlordane-5

R.T.: 6.373 min  
Delta R.T.: 0.000 min  
Response: 2146036  
Conc: 29.66 ng/ml



#27 Chlordane-5

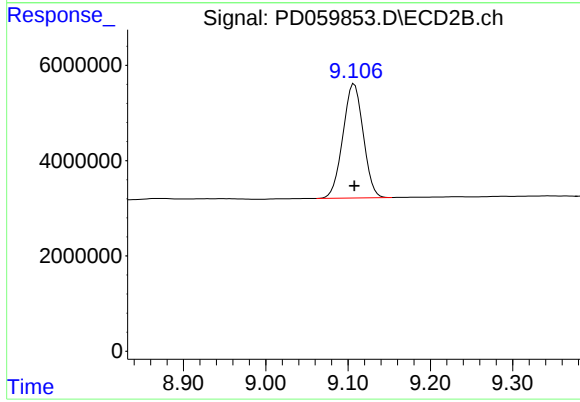
R.T.: 7.020 min  
Delta R.T.: 0.000 min  
Response: 2750938  
Conc: 33.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.306 min  
Delta R.T.: 0.000 min  
Response: 36827438  
Conc: 23.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.108 min  
Delta R.T.: 0.000 min  
Response: 41214525  
Conc: 22.76 ng/ml