

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100621\  
 Data File : PD066050.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Oct 2021 17:36  
 Operator : AR\AJ  
 Sample : M4047-06MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 06 22:28:14 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092221.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 23 12:18:33 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... | 3.490  | 3.996f | -30307   | 1580485  | N.D.      | 0.275     |
| 2)                          | SA Decachlor... | 0.000  | 9.113f | 0        | 367169   | N.D.      | 0.095 #   |
| Target Compounds            |                 |        |        |          |          |           |           |
| 2)                          | A alpha-BHC     | 3.919  | 4.428f | 285.7E6  | 7091.6E6 | 254.370   | 843.413 # |
| 3)                          | MA gamma-BHC... | 4.202  | 0.000  | 28996199 | 0        | 25.858    | N.D. #    |
| 5)                          | MB Aldrin       | 0.000  | 5.512  | 0        | 1405594  | N.D.      | 0.209 #   |
| 6)                          | B beta-BHC      | 4.459  | 4.847f | 3057868  | 1836906  | 5.356     | 0.497 #   |
| 7)                          | B delta-BHC     | 4.683  | 5.092  | 32910603 | 6029423  | 29.112    | 0.838 #   |
| 8)                          | B Heptachlo...  | 5.198  | 5.908f | 333303   | 10936733 | 0.298     | 2.116 #   |
| 9)                          | A Endosulfan I  | 5.532  | 6.262  | 166214   | 236601   | 0.153     | 0.043 #   |
| 10)                         | B gamma-Chl...  | 5.441  | 6.150f | 4341427  | 2086456  | 3.595     | 0.348 #   |
| 11)                         | B alpha-Chl...  | 5.476  | 6.195  | 476647   | 825495   | 0.403     | 0.138 #   |
| 13)                         | MA Dieldrin     | 5.793  | 6.507  | 582.0E6  | 2066.1E6 | 502.163   | 350.589 # |
| 14)                         | MA Endrin       | 6.044  | 0.000  | 115324   | 0        | 0.109     | N.D. #    |
| 15)                         | B Endosulfa...  | 6.314  | 6.943  | 305947   | 1650257  | 0.283     | 0.341     |
| 18)                         | B Endrin al...  | 6.515f | 7.069  | 558007   | 1654422  | 0.630     | 0.423 #   |
| 19)                         | B Endosulfa...  | 6.699  | 7.286  | 55742    | 235739   | 0.049     | 0.048     |
| 20)                         | A Methoxychlor  | 0.000  | 7.603  | 0        | 498245   | N.D.      | 0.189 #   |
| 21)                         | B Endrin ke...  | 7.202  | 7.769  | 74469    | 1001516  | 0.053     | 0.176 #   |
| 22)                         | Mirex           | 7.380  | 0.000  | 809852   | 0        | 0.671     | N.D. #    |
| 23)                         | Chlordane-1     | 4.343f | 5.004  | 342.0E6  | 1814573  | 10208.477 | 8.195 #   |
| 25)                         | Chlordane-3     | 5.441  | 6.150f | 4341427  | 2086456  | 36.850    | 2.544 #   |
| 26)                         | Chlordane-4     | 5.476  | 6.195  | 476647   | 825495   | 4.826     | 0.861 #   |
| 27)                         | Chlordane-5     | 6.314  | 7.015  | 305947   | 676872   | 6.295     | 3.642 #   |
| -----                       |                 |        |        |          |          |           |           |

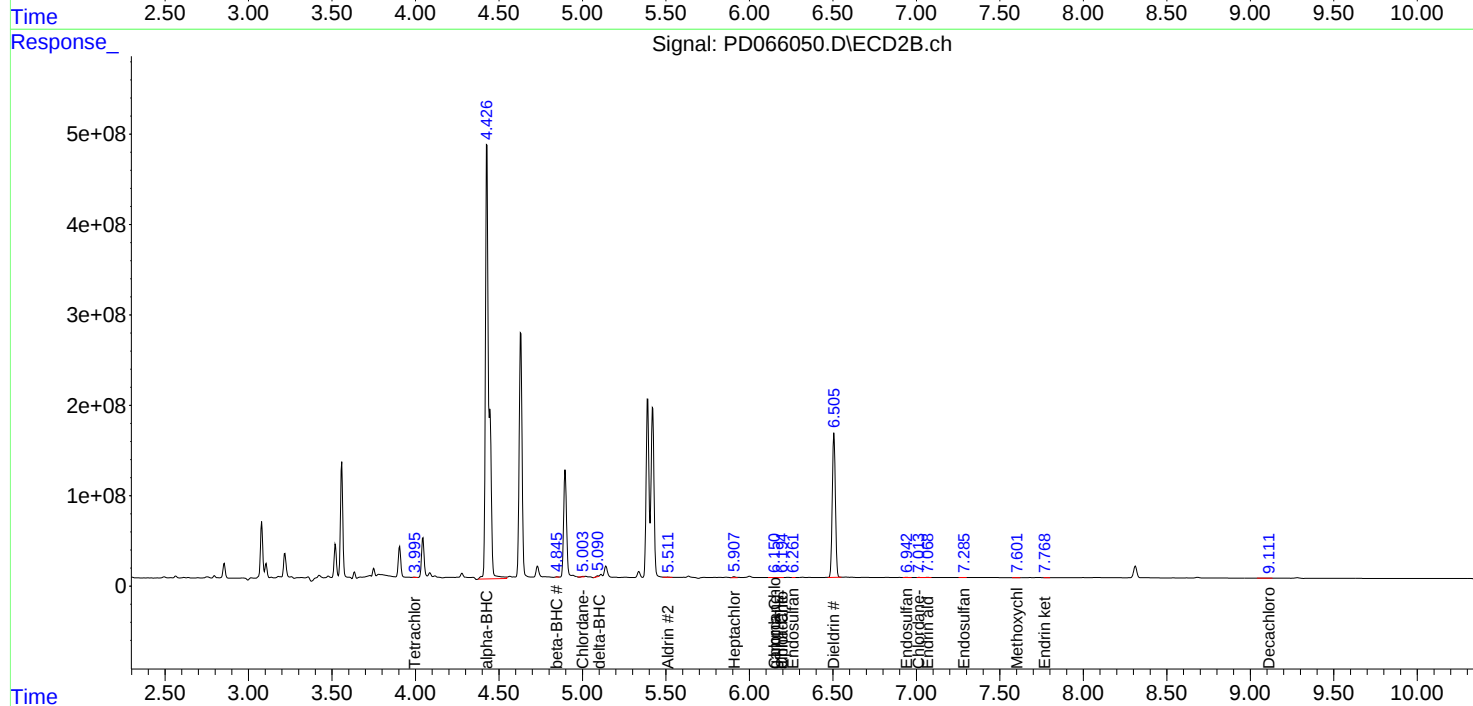
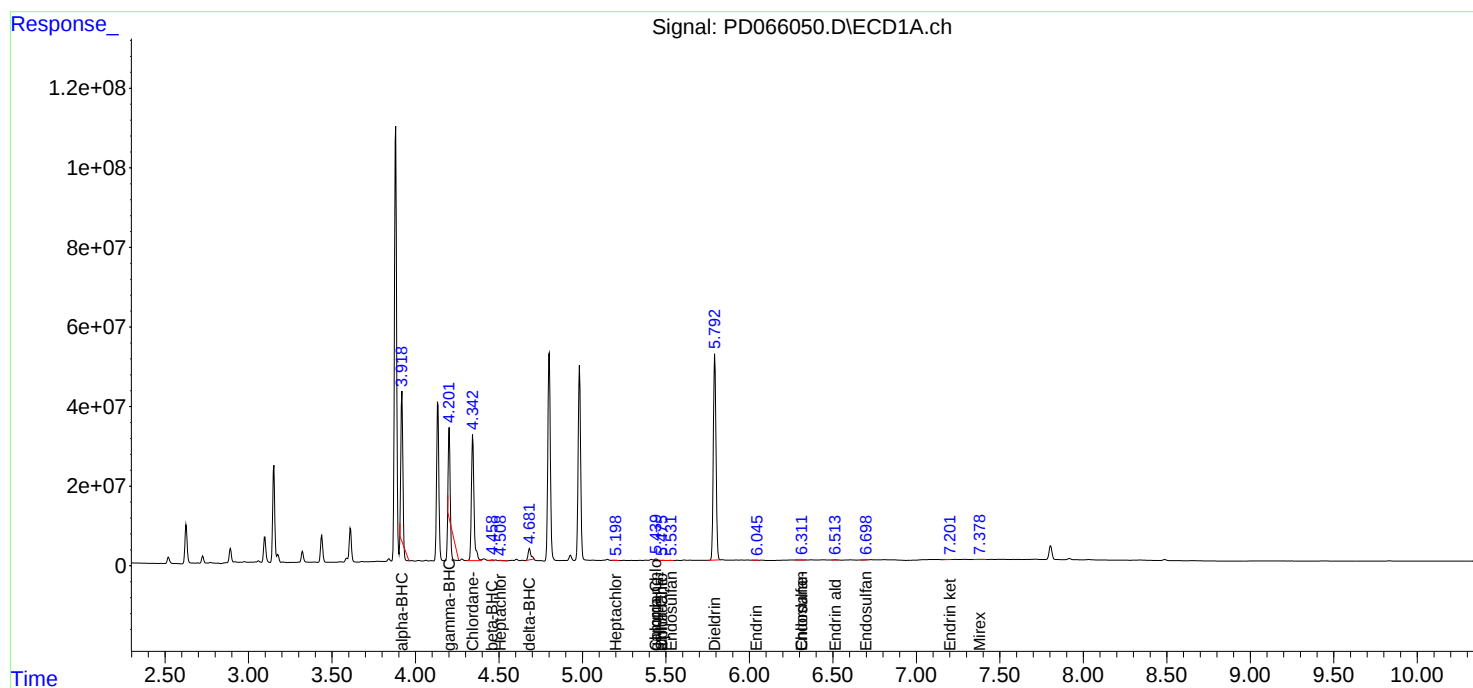
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

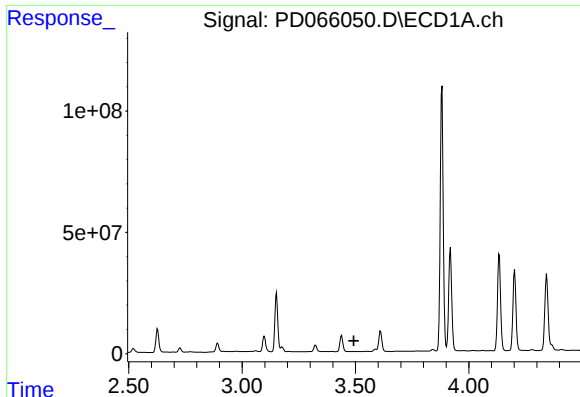
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100621\  
Data File : PD066050.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Oct 2021 17:36  
Operator : AR\AJ  
Sample : M4047-06MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 06 22:28:14 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092221.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 23 12:18:33 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

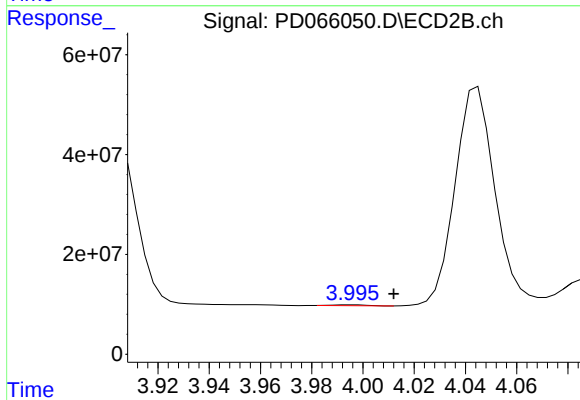




#1 Tetrachloro-m-xylene

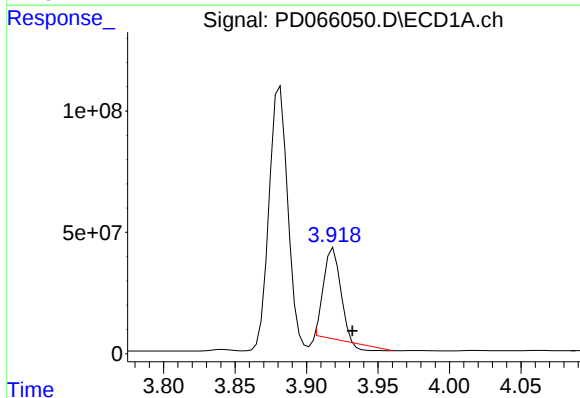
R.T.: 3.490 min  
Delta R.T.: -0.003 min  
Response: -30307  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



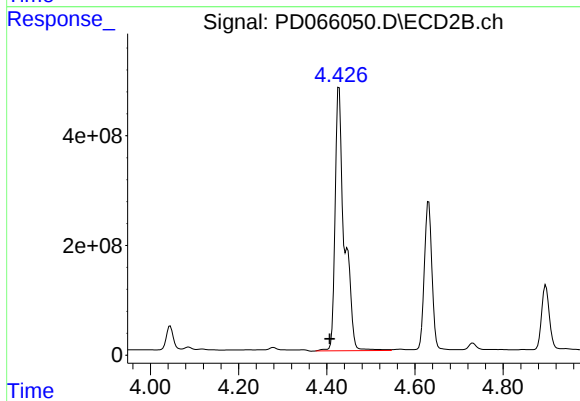
#1 Tetrachloro-m-xylene

R.T.: 3.996 min  
Delta R.T.: -0.016 min  
Response: 1580485  
Conc: 0.28 ng/ml



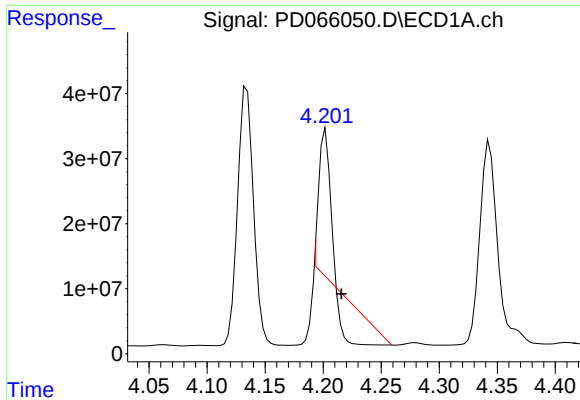
#2 alpha-BHC

R.T.: 3.919 min  
Delta R.T.: -0.013 min  
Response: 285677136  
Conc: 254.37 ng/ml



#2 alpha-BHC

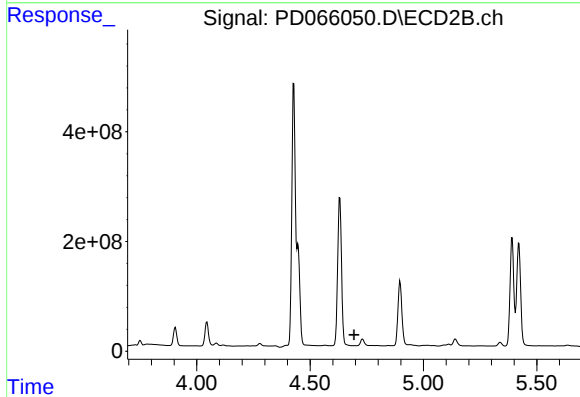
R.T.: 4.428 min  
Delta R.T.: 0.021 min  
Response: 7091585813  
Conc: 843.41 ng/ml



#3 gamma-BHC (Lindane)

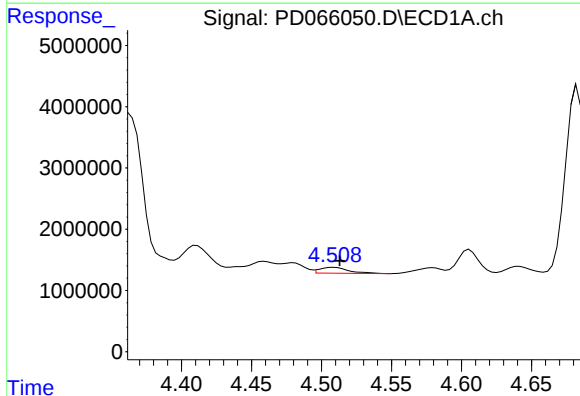
R.T.: 4.202 min  
Delta R.T.: -0.014 min  
Response: 28996199  
Conc: 25.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



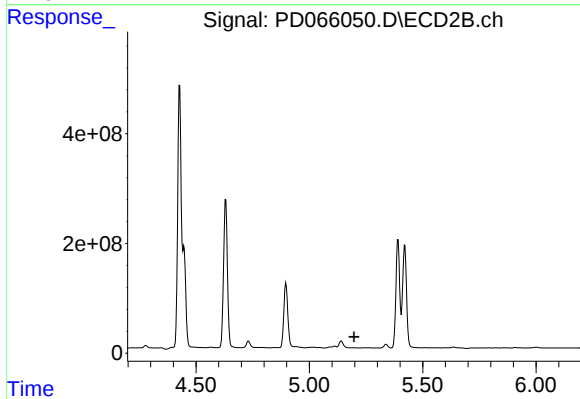
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.694 min  
Response: 0  
Conc: N.D.



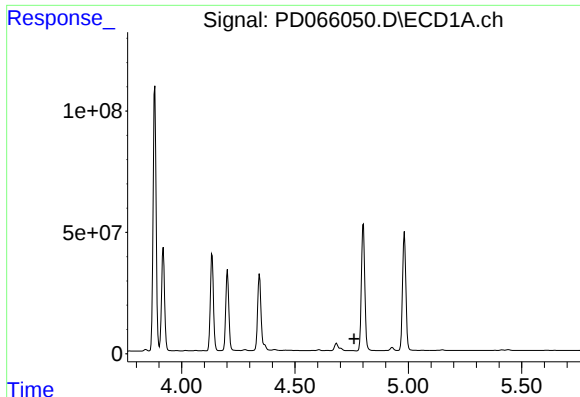
#4 Heptachlor

R.T.: 4.509 min  
Delta R.T.: -0.004 min  
Response: 1377944  
Conc: 1.16 ng/ml



#4 Heptachlor

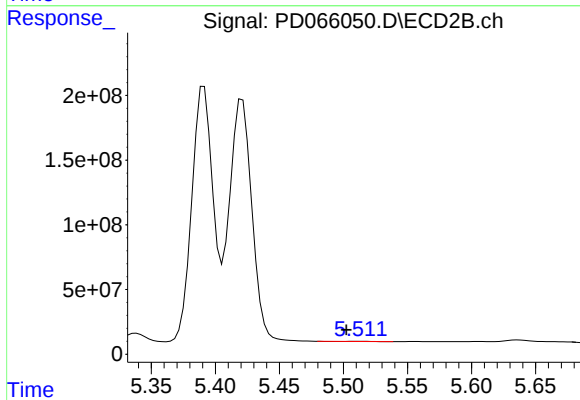
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: -10489627  
Conc: N.D.



#5 Aldrin

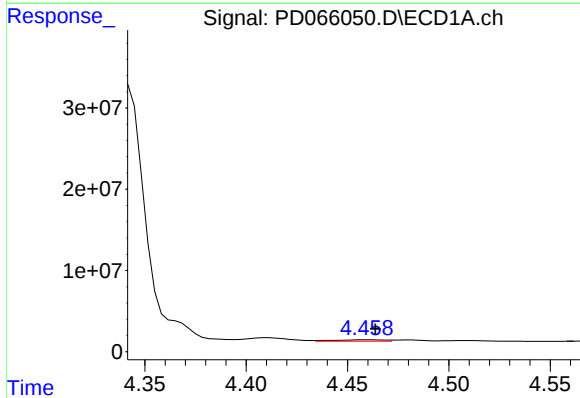
R.T.: 0.000 min  
Exp R.T.: 4.761 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



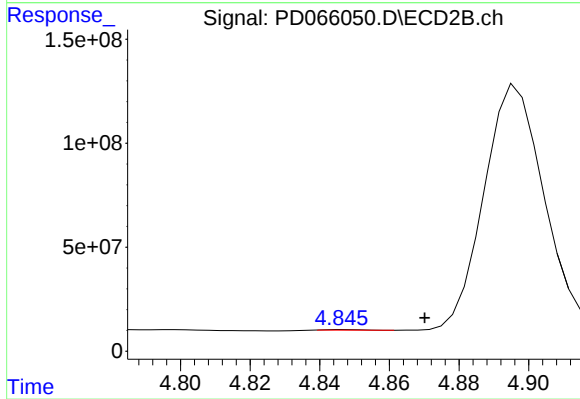
#5 Aldrin

R.T.: 5.512 min  
Delta R.T.: 0.010 min  
Response: 1405594  
Conc: 0.21 ng/ml



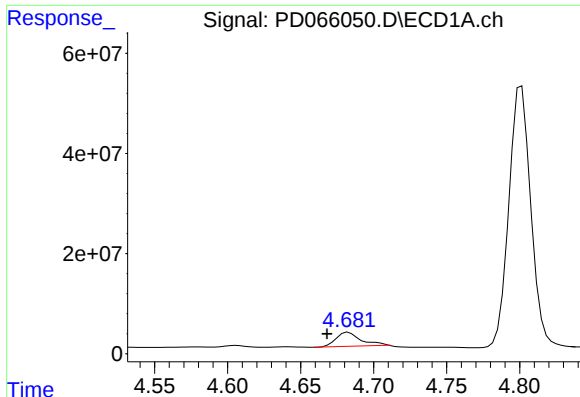
#6 beta-BHC

R.T.: 4.459 min  
Delta R.T.: -0.004 min  
Response: 3057868  
Conc: 5.36 ng/ml



#6 beta-BHC

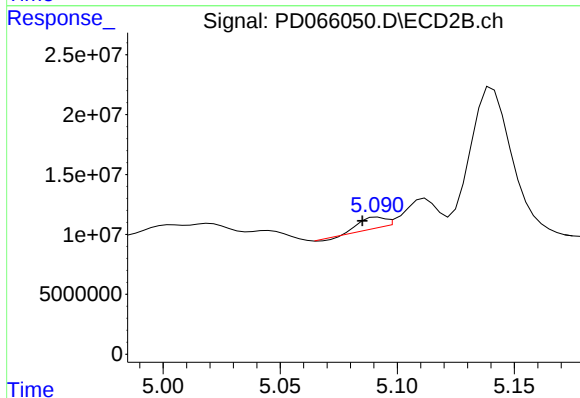
R.T.: 4.847 min  
Delta R.T.: -0.023 min  
Response: 1836906  
Conc: 0.50 ng/ml



#7 delta-BHC

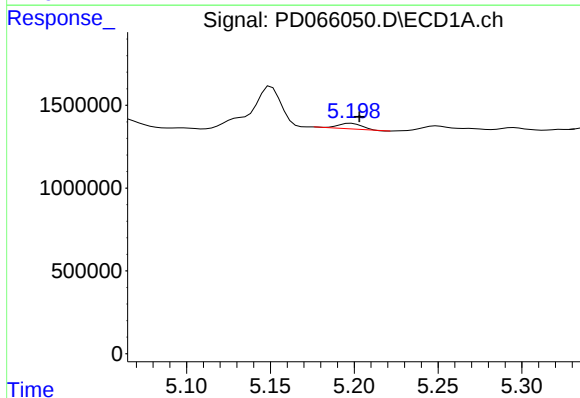
R.T.: 4.683 min  
Delta R.T.: 0.015 min  
Response: 32910603  
Conc: 29.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



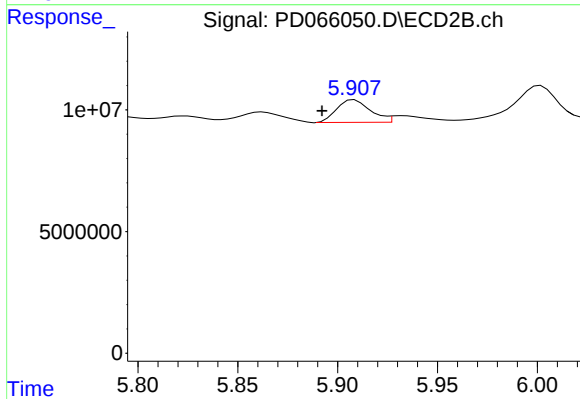
#7 delta-BHC

R.T.: 5.092 min  
Delta R.T.: 0.007 min  
Response: 6029423  
Conc: 0.84 ng/ml



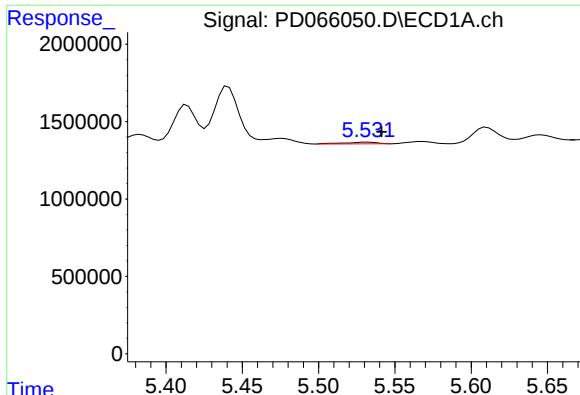
#8 Heptachlor epoxide

R.T.: 5.198 min  
Delta R.T.: -0.005 min  
Response: 333303  
Conc: 0.30 ng/ml



#8 Heptachlor epoxide

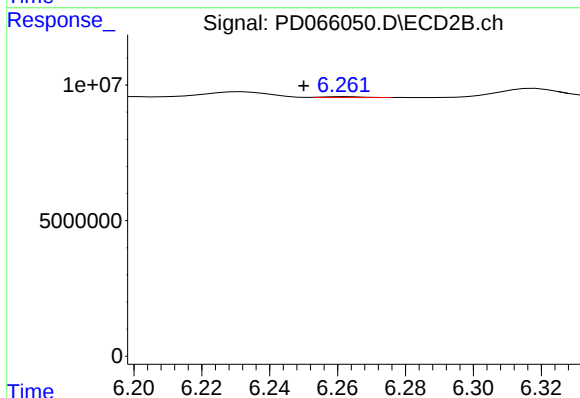
R.T.: 5.908 min  
Delta R.T.: 0.016 min  
Response: 10936733  
Conc: 2.12 ng/ml



#9 Endosulfan I

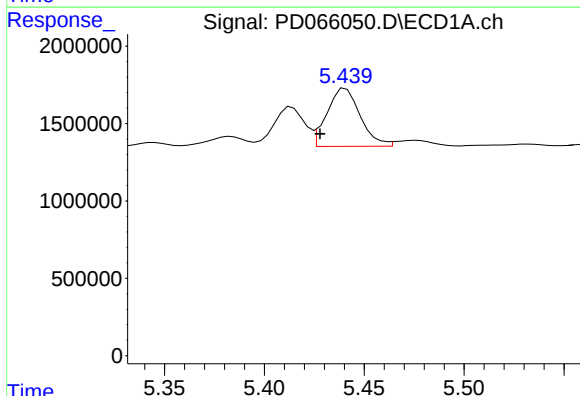
R.T.: 5.532 min  
Delta R.T.: -0.009 min  
Response: 166214  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



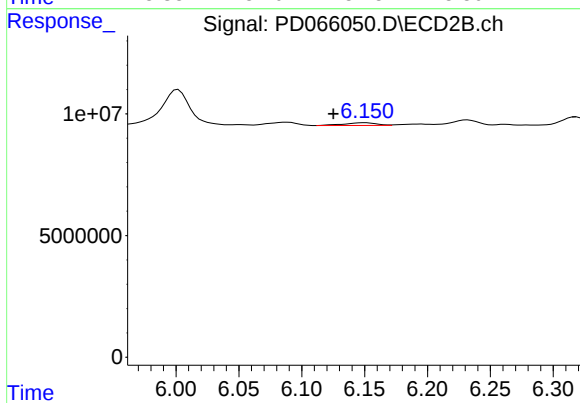
#9 Endosulfan I

R.T.: 6.262 min  
Delta R.T.: 0.012 min  
Response: 236601  
Conc: 0.04 ng/ml



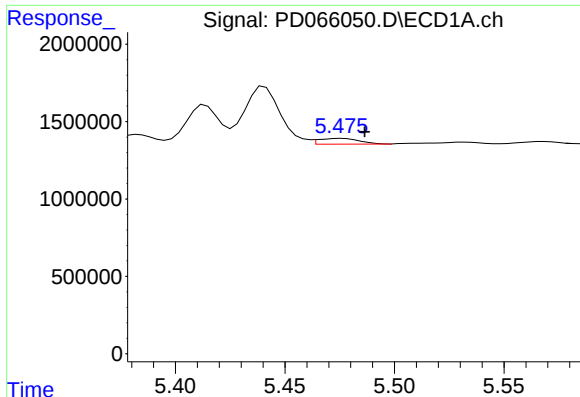
#10 gamma-Chlordane

R.T.: 5.441 min  
Delta R.T.: 0.013 min  
Response: 4341427  
Conc: 3.60 ng/ml



#10 gamma-Chlordane

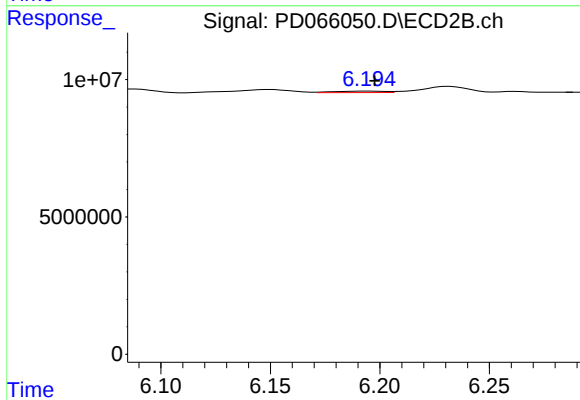
R.T.: 6.150 min  
Delta R.T.: 0.025 min  
Response: 2086456  
Conc: 0.35 ng/ml



#11 alpha-Chlordane

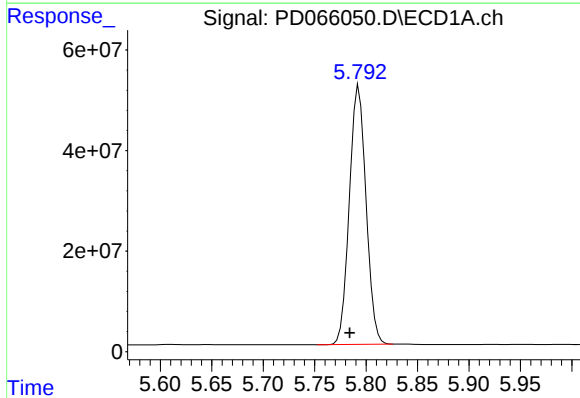
R.T.: 5.476 min  
Delta R.T.: -0.010 min  
Response: 476647  
Conc: 0.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



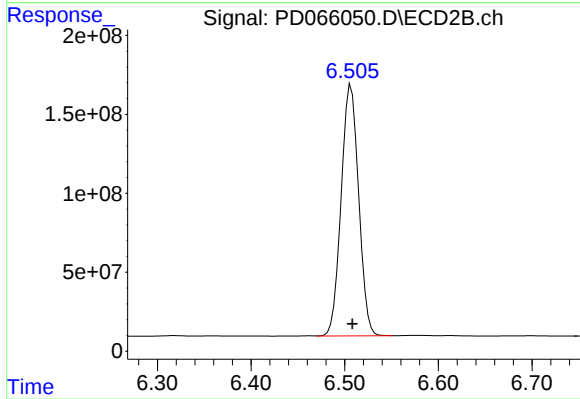
#11 alpha-Chlordane

R.T.: 6.195 min  
Delta R.T.: -0.003 min  
Response: 825495  
Conc: 0.14 ng/ml



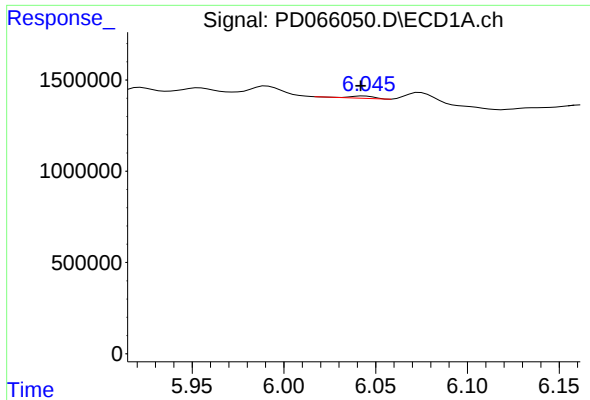
#13 Dieldrin

R.T.: 5.793 min  
Delta R.T.: 0.009 min  
Response: 582020279  
Conc: 502.16 ng/ml



#13 Dieldrin

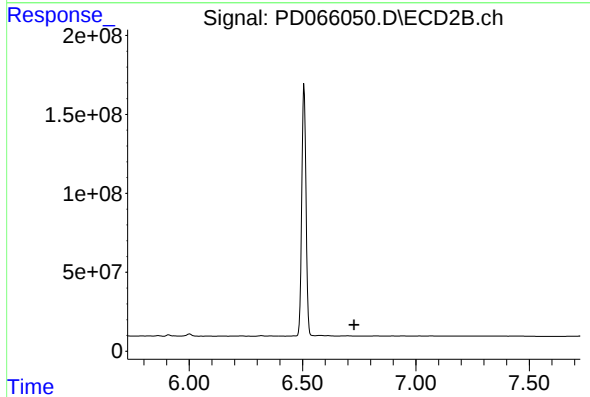
R.T.: 6.507 min  
Delta R.T.: -0.001 min  
Response: 2066082551  
Conc: 350.59 ng/ml



#14 Endrin

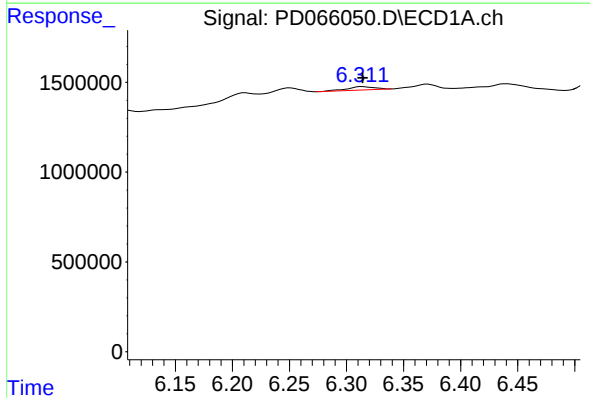
R.T.: 6.044 min  
Delta R.T.: 0.002 min  
Response: 115324  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



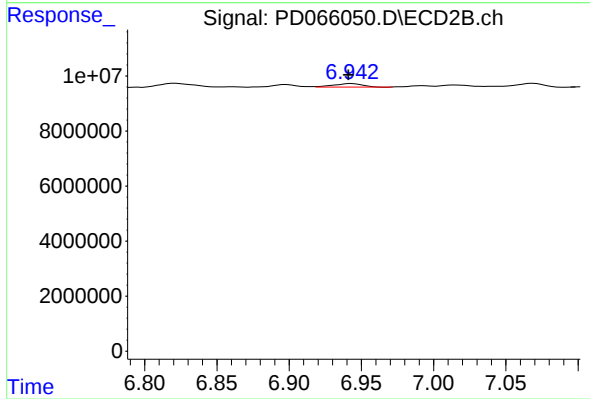
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.727 min  
Response: 0  
Conc: N.D.



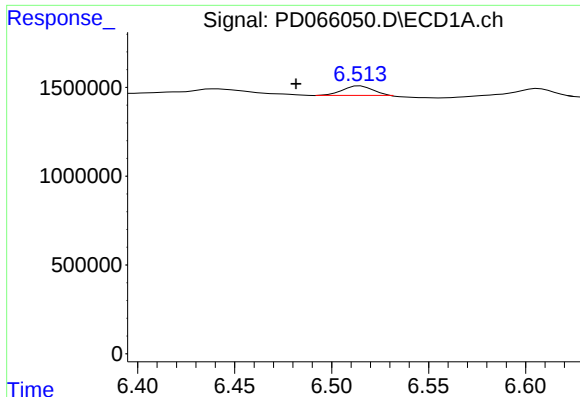
#15 Endosulfan II

R.T.: 6.314 min  
Delta R.T.: 0.000 min  
Response: 305947  
Conc: 0.28 ng/ml



#15 Endosulfan II

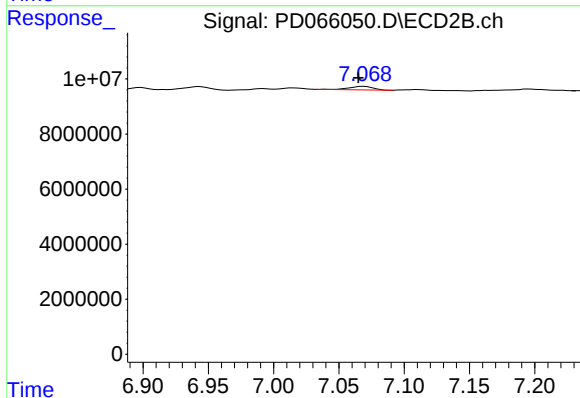
R.T.: 6.943 min  
Delta R.T.: 0.002 min  
Response: 1650257  
Conc: 0.34 ng/ml



#18 Endrin aldehyde

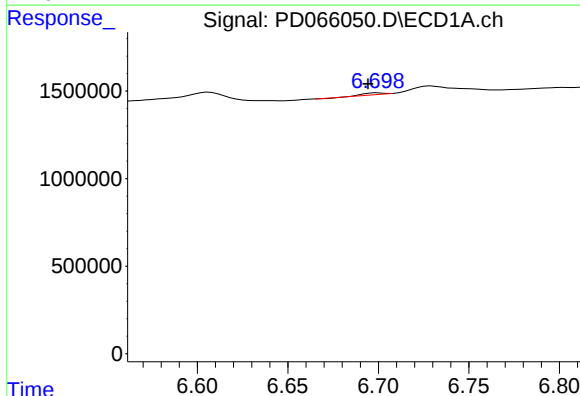
R.T.: 6.515 min  
Delta R.T.: 0.033 min  
Response: 558007  
Conc: 0.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



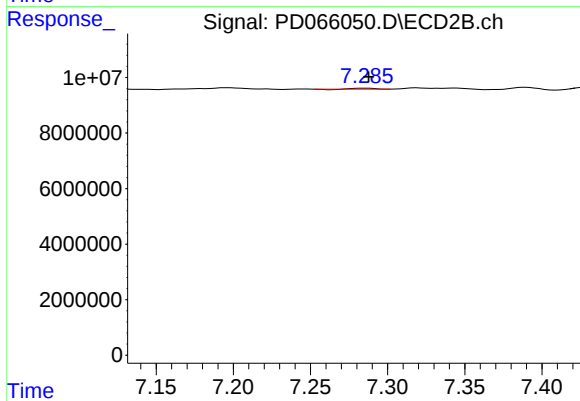
#18 Endrin aldehyde

R.T.: 7.069 min  
Delta R.T.: 0.004 min  
Response: 1654422  
Conc: 0.42 ng/ml



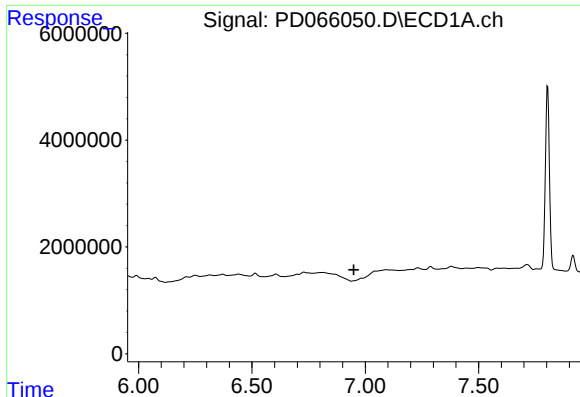
#19 Endosulfan Sulfate

R.T.: 6.699 min  
Delta R.T.: 0.005 min  
Response: 55742  
Conc: 0.05 ng/ml



#19 Endosulfan Sulfate

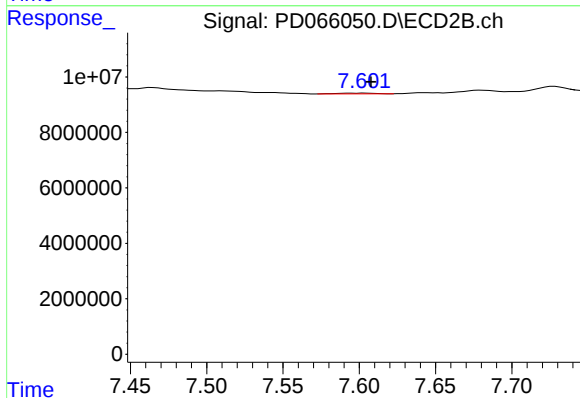
R.T.: 7.286 min  
Delta R.T.: -0.002 min  
Response: 235739  
Conc: 0.05 ng/ml



#20 Methoxychlor

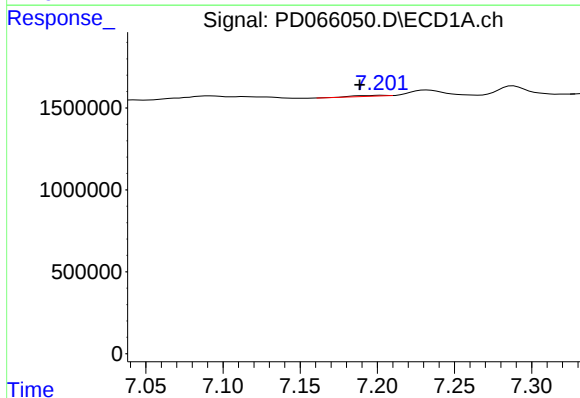
R.T.: 0.000 min  
Exp R.T.: 6.950 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



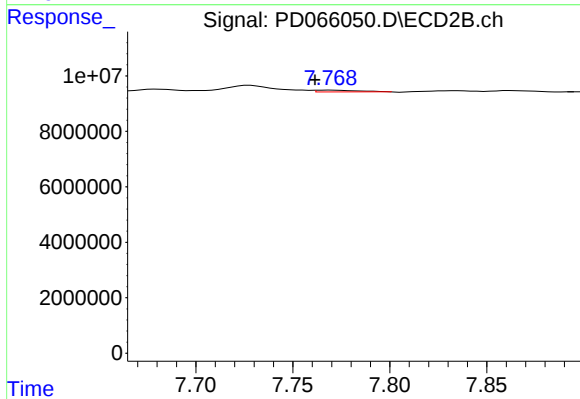
#20 Methoxychlor

R.T.: 7.603 min  
Delta R.T.: -0.005 min  
Response: 498245  
Conc: 0.19 ng/ml



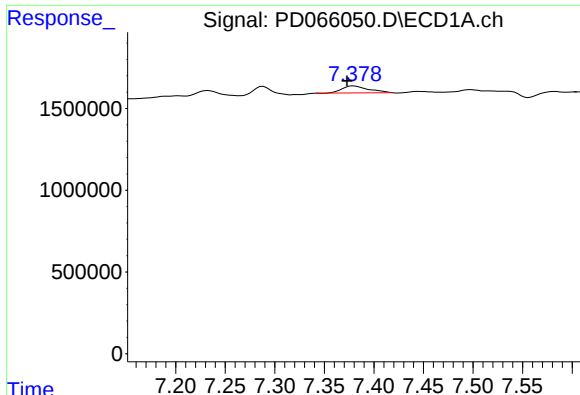
#21 Endrin ketone

R.T.: 7.202 min  
Delta R.T.: 0.014 min  
Response: 74469  
Conc: 0.05 ng/ml



#21 Endrin ketone

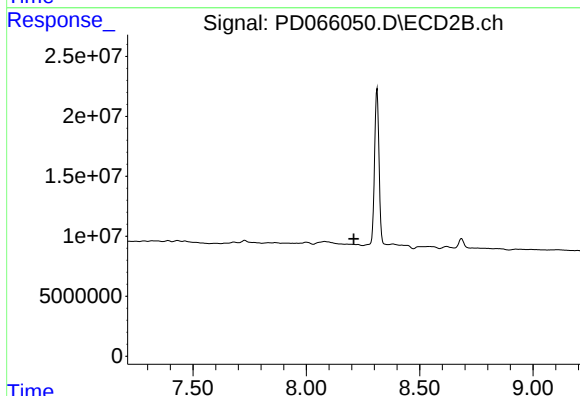
R.T.: 7.769 min  
Delta R.T.: 0.008 min  
Response: 1001516  
Conc: 0.18 ng/ml



#22 Mirex

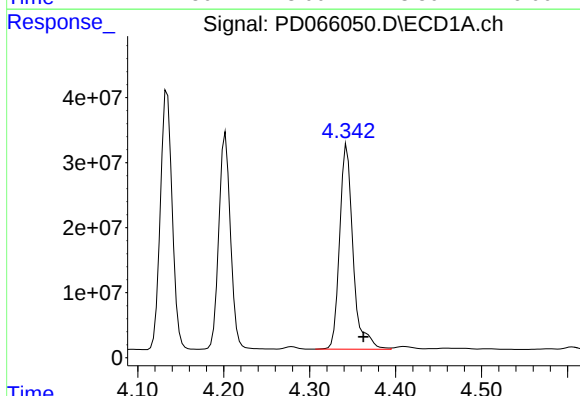
R.T.: 7.380 min  
Delta R.T.: 0.007 min  
Response: 809852  
Conc: 0.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



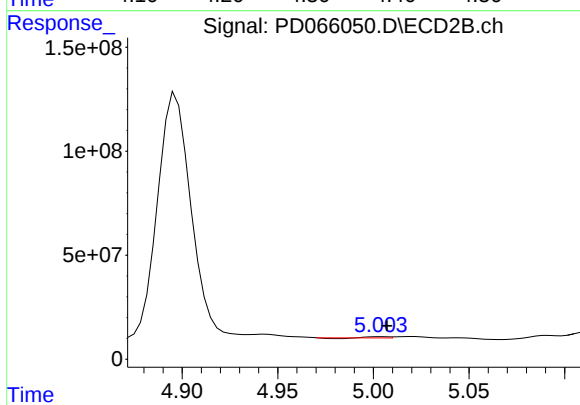
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.210 min  
Response: 0  
Conc: N.D.



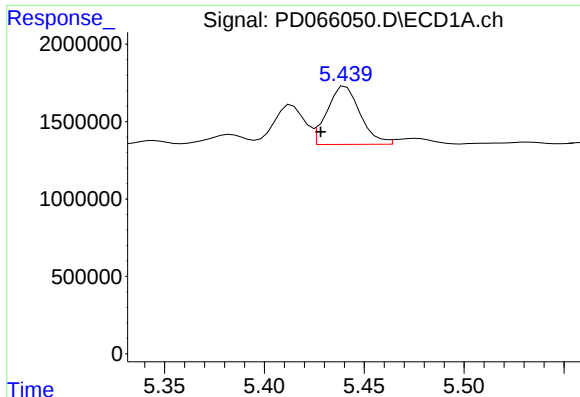
#23 Chlordane-1

R.T.: 4.343 min  
Delta R.T.: -0.019 min  
Response: 341955169  
Conc: 10208.48 ng/ml



#23 Chlordane-1

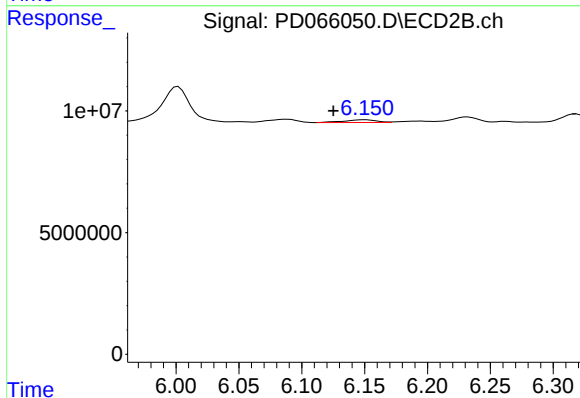
R.T.: 5.004 min  
Delta R.T.: -0.003 min  
Response: 1814573  
Conc: 8.20 ng/ml



#25 Chlordane-3

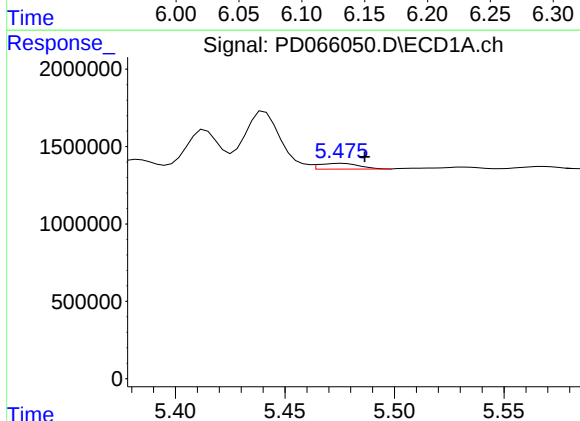
R.T.: 5.441 min  
Delta R.T.: 0.013 min  
Response: 4341427  
Conc: 36.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



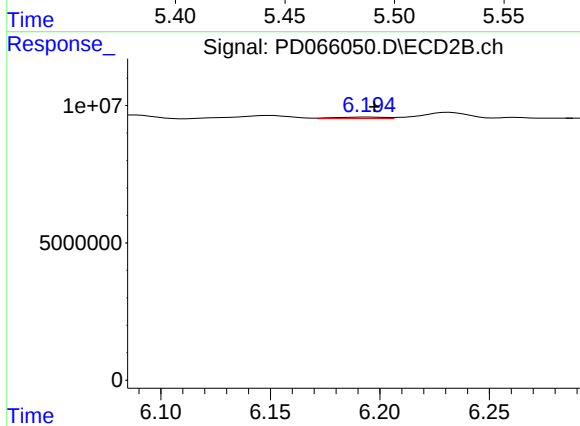
#25 Chlordane-3

R.T.: 6.150 min  
Delta R.T.: 0.025 min  
Response: 2086456  
Conc: 2.54 ng/ml



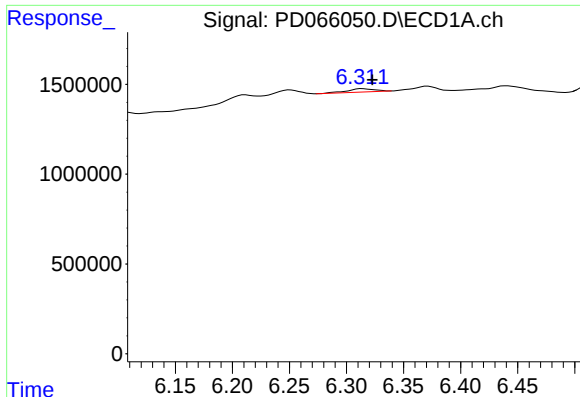
#26 Chlordane-4

R.T.: 5.476 min  
Delta R.T.: -0.010 min  
Response: 476647  
Conc: 4.83 ng/ml



#26 Chlordane-4

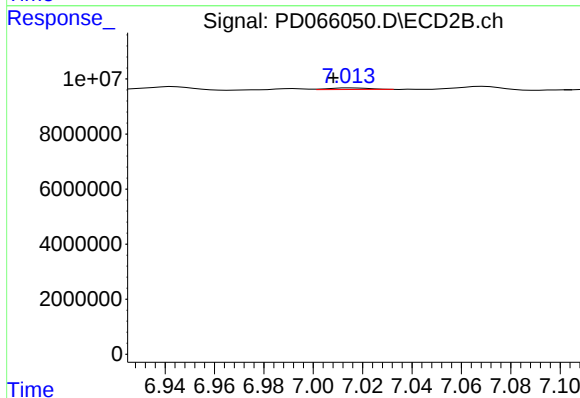
R.T.: 6.195 min  
Delta R.T.: -0.003 min  
Response: 825495  
Conc: 0.86 ng/ml



#27 Chlordane-5

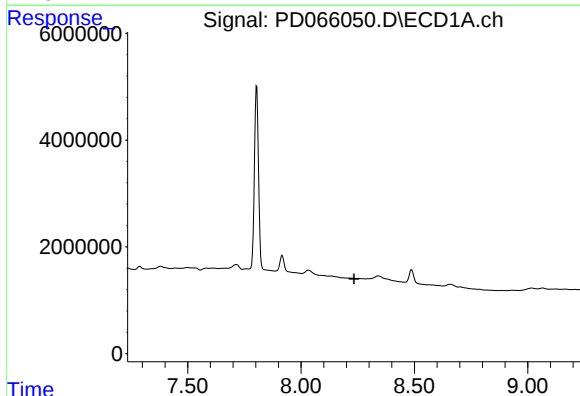
R.T.: 6.314 min  
Delta R.T.: -0.009 min  
Response: 305947  
Conc: 6.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



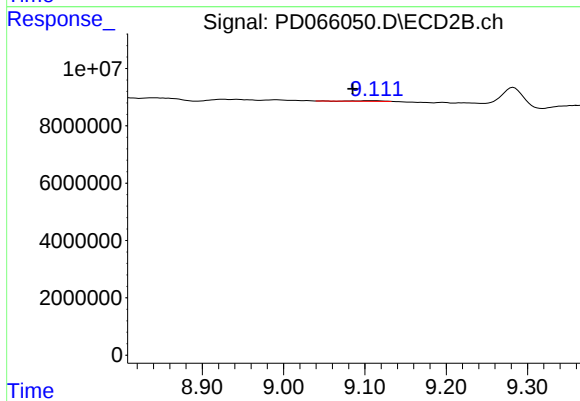
#27 Chlordane-5

R.T.: 7.015 min  
Delta R.T.: 0.007 min  
Response: 676872  
Conc: 3.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 8.235 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.113 min  
Delta R.T.: 0.028 min  
Response: 367169  
Conc: 0.09 ng/ml