

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100621\  
 Data File : PD066048.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Oct 2021 17:08  
 Operator : AR\AJ  
 Sample : M4047-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 06 22:27:33 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... | 3.491  | 3.997f | -13372   | 2279615  | N.D.     | 0.397     |
| 2)                          | SA Decachlor... | 0.000  | 9.079  | 0        | 472443   | N.D.     | 0.122 #   |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.947  | 4.402  | 2889691  | 2646091  | 2.573    | 0.315 #   |
| 3)                          | MA gamma-BHC... | 4.212  | 0.000  | 1568992  | 0        | 1.399    | N.D. #    |
| 6)                          | B beta-BHC      | 4.483f | 4.846f | 43217460 | 11419766 | 75.704   | 3.090 #   |
| 7)                          | B delta-BHC     | 4.670  | 5.113f | 73751    | 38228886 | 0.065    | 5.312 #   |
| 8)                          | B Heptachlo...  | 0.000  | 5.908f | 0        | 48529148 | N.D.     | 9.391 #   |
| 9)                          | A Endosulfan I  | 5.533  | 6.261  | 807093   | 1656651  | 0.742    | 0.300 #   |
| 10)                         | B gamma-Chl...  | 5.441  | 6.149f | 28756665 | 12220449 | 23.814   | 2.038 #   |
| 11)                         | B alpha-Chl...  | 0.000  | 6.191  | 0        | 2403735  | N.D.     | 0.400 #   |
| 12)                         | B 4,4'-DDE      | 5.655  | 0.000  | 1363937  | 0        | 1.253    | N.D. #    |
| 13)                         | MA Dieldrin     | 5.790  | 6.501  | -16282   | 682446   | N.D.     | 0.116     |
| 15)                         | B Endosulfa...  | 6.325  | 6.938  | 1682890  | 12651947 | 1.558    | 2.612 #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.147  | 0        | 928358   | N.D.     | 0.184 #   |
| 18)                         | B Endrin al...  | 6.456f | 7.067  | 1623324  | 3168973  | 1.832    | 0.809 #   |
| 19)                         | B Endosulfa...  | 6.689  | 7.284  | 131249   | -49583   | 0.115    | N.D. #    |
| 20)                         | A Methoxychlor  | 0.000  | 7.600  | 0        | 232156   | N.D.     | 0.088 #   |
| 22)                         | Mirex           | 7.382  | 8.184f | 1487740  | 3041430  | 1.232    | 0.770 #   |
| 23)                         | Chlordane-1     | 4.368  | 5.000  | 194.5E6  | 6011419  | 5805.153 | 27.150 #  |
| 24)                         | Chlordane-2     | 4.850  | 5.462  | 513372   | 45704388 | 12.641   | 197.587 # |
| 25)                         | Chlordane-3     | 5.441  | 6.149f | 28756665 | 12220449 | 244.084  | 14.902 #  |
| 26)                         | Chlordane-4     | 0.000  | 6.191  | 0        | 2403735  | N.D.     | 2.506 #   |
| 27)                         | Chlordane-5     | 6.325  | 7.015  | 1682890  | 4062471  | 34.627   | 21.860 #  |
| -----                       |                 |        |        |          |          |          |           |

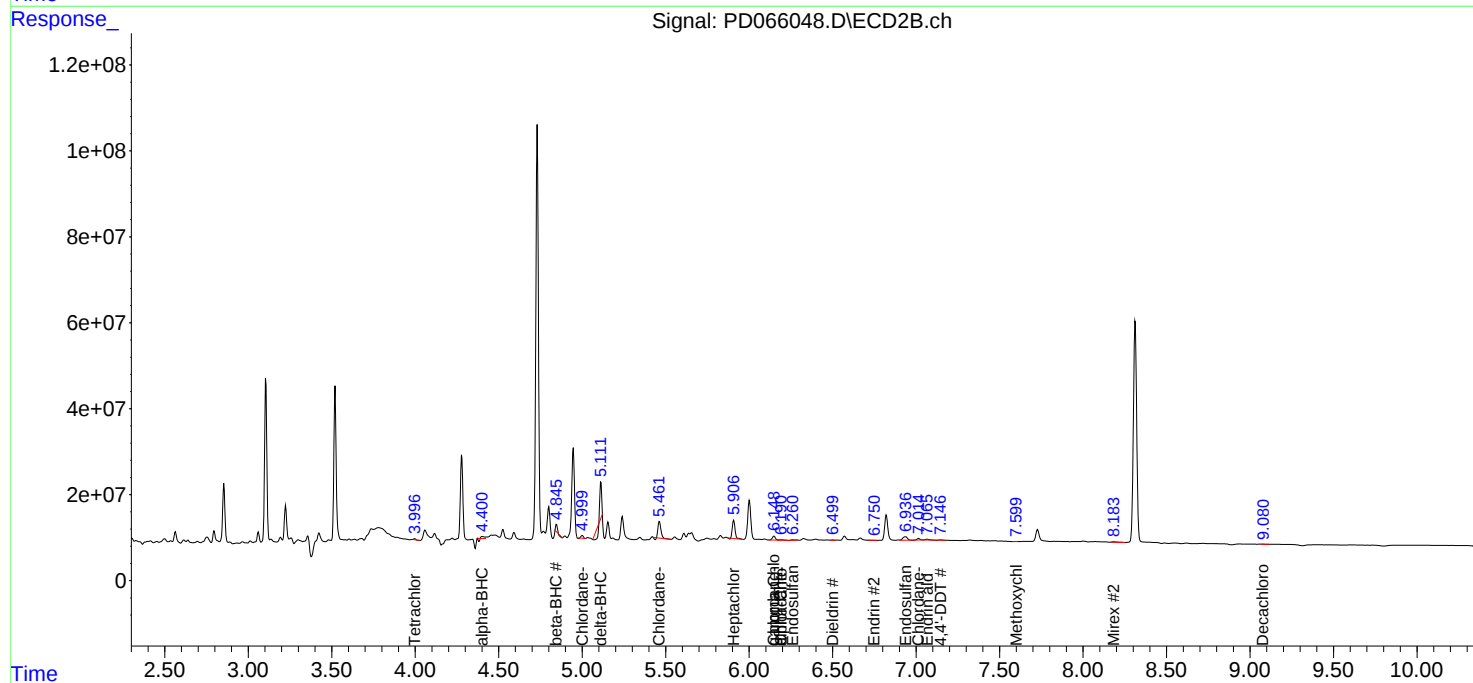
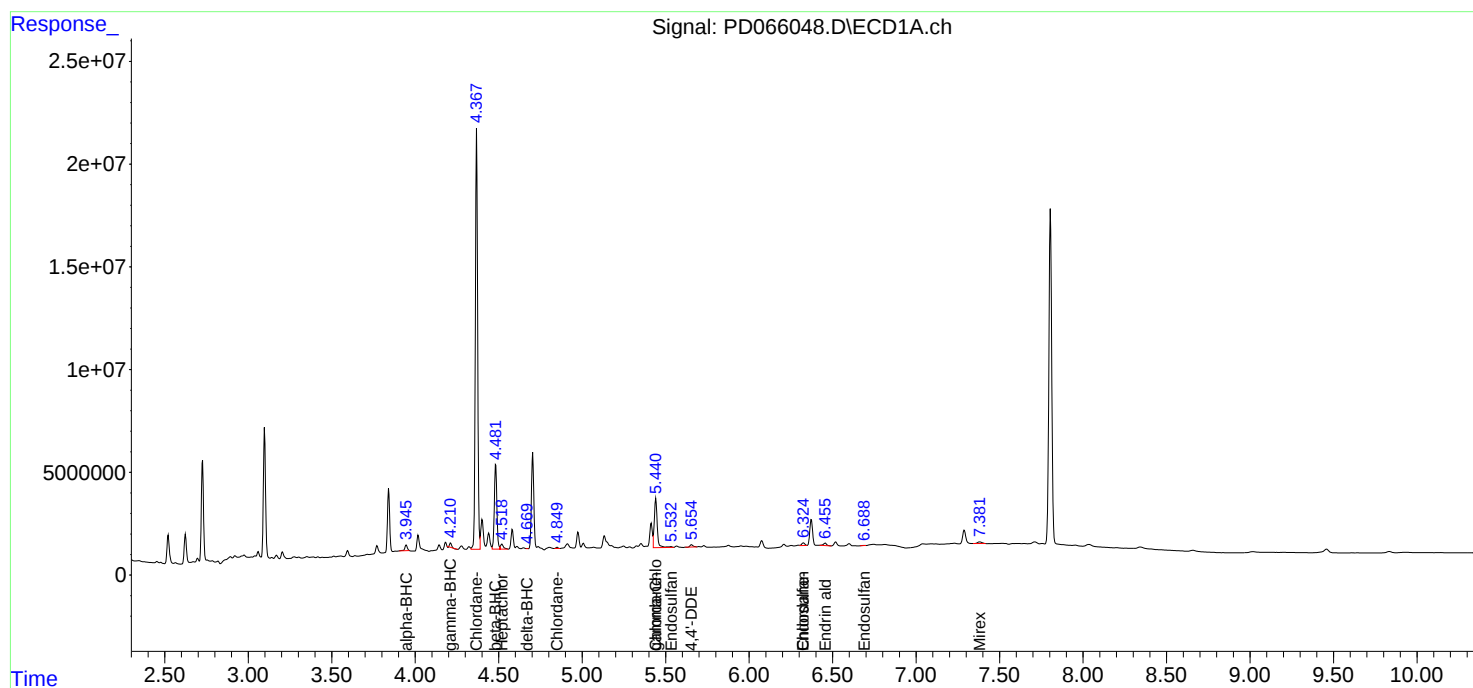
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

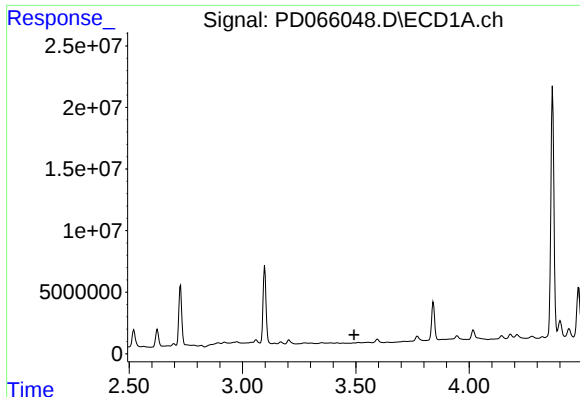
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100621\  
Data File : PD066048.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Oct 2021 17:08  
Operator : AR\AJ  
Sample : M4047-06  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 06 22:27:33 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  
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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

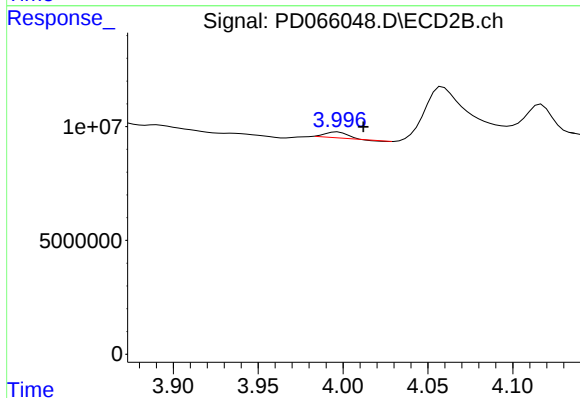




#1 Tetrachloro-m-xylene

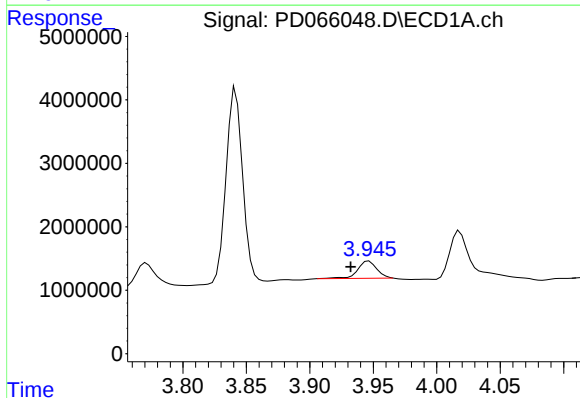
R.T.: 3.491 min  
Delta R.T.: -0.002 min  
Response: -13372  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



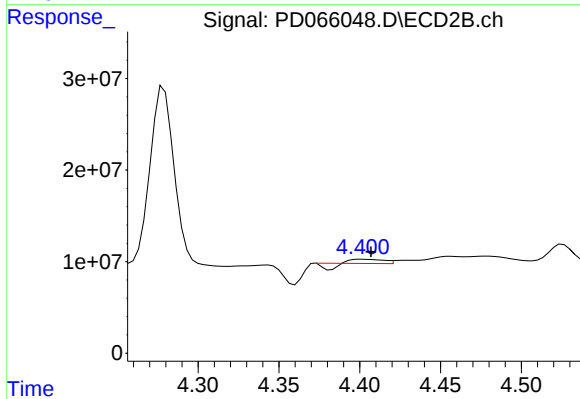
#1 Tetrachloro-m-xylene

R.T.: 3.997 min  
Delta R.T.: -0.015 min  
Response: 2279615  
Conc: 0.40 ng/ml



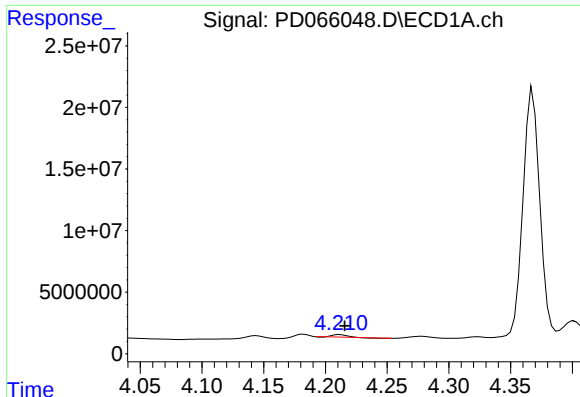
#2 alpha-BHC

R.T.: 3.947 min  
Delta R.T.: 0.014 min  
Response: 2889691  
Conc: 2.57 ng/ml



#2 alpha-BHC

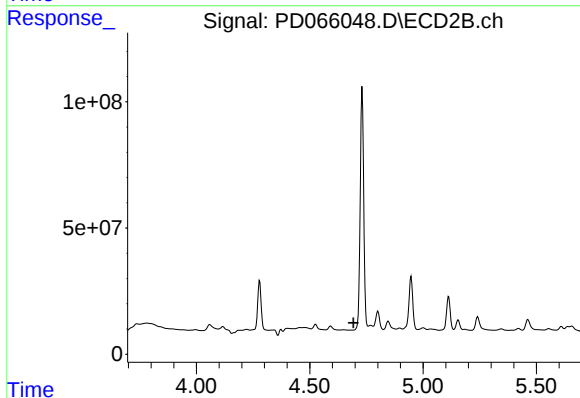
R.T.: 4.402 min  
Delta R.T.: -0.005 min  
Response: 2646091  
Conc: 0.31 ng/ml



#3 gamma-BHC (Lindane)

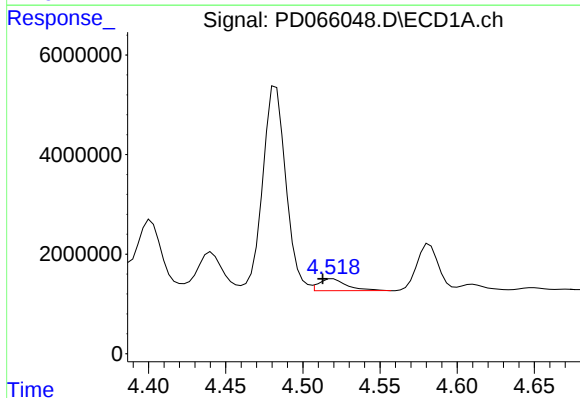
R.T.: 4.212 min  
Delta R.T.: -0.004 min  
Response: 1568992  
Conc: 1.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



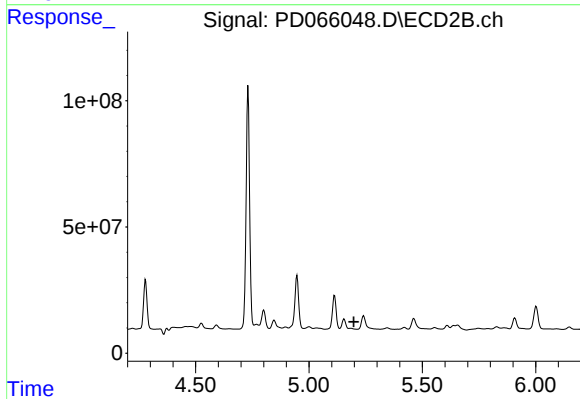
#3 gamma-BHC (Lindane)

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



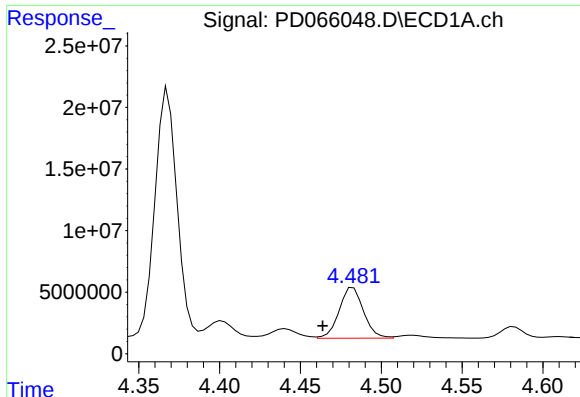
#4 Heptachlor

R.T.: 4.519 min  
Delta R.T.: 0.006 min  
Response: 3017710  
Conc: 2.53 ng/ml



#4 Heptachlor

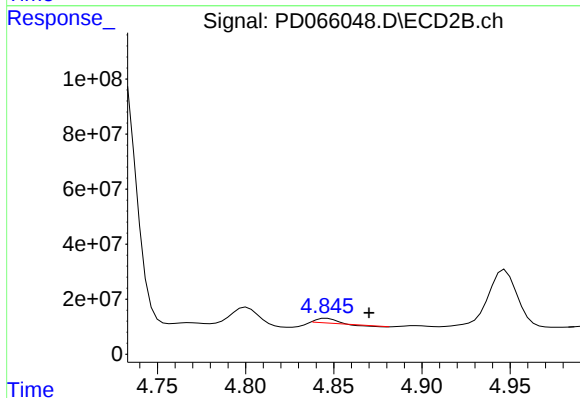
R.T.: 5.184 min  
Delta R.T.: -0.013 min  
Response: -18732396  
Conc: N.D.



#6 beta-BHC

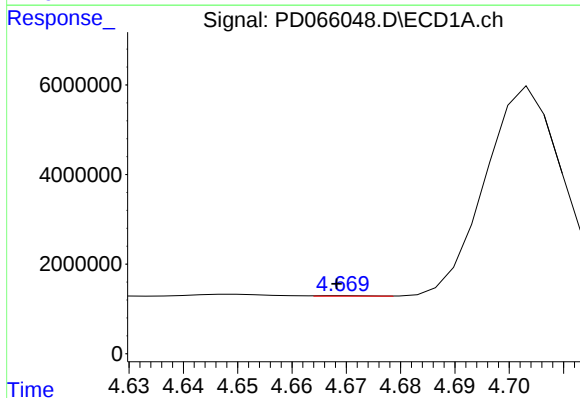
R.T.: 4.483 min  
Delta R.T.: 0.019 min  
Response: 43217460  
Conc: 75.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



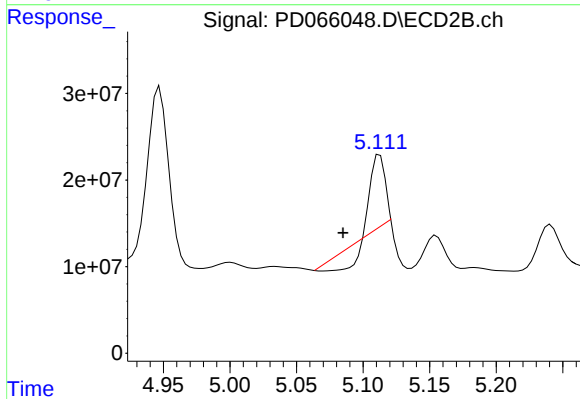
#6 beta-BHC

R.T.: 4.846 min  
Delta R.T.: -0.024 min  
Response: 11419766  
Conc: 3.09 ng/ml



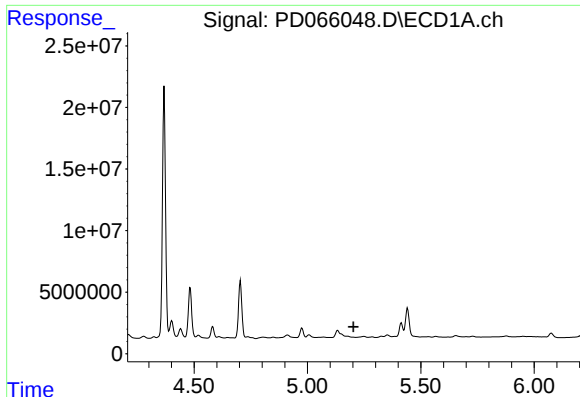
#7 delta-BHC

R.T.: 4.670 min  
Delta R.T.: 0.002 min  
Response: 73751  
Conc: 0.07 ng/ml



#7 delta-BHC

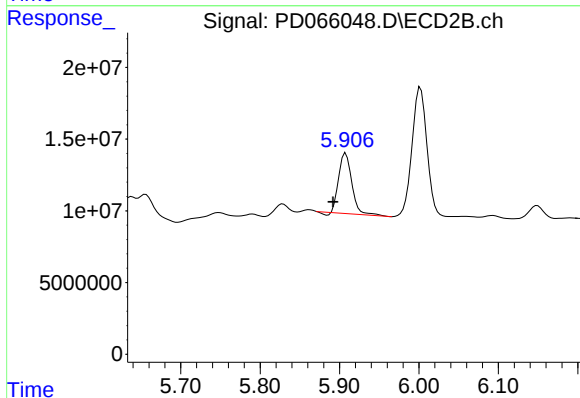
R.T.: 5.113 min  
Delta R.T.: 0.028 min  
Response: 38228886  
Conc: 5.31 ng/ml



#8 Heptachlor epoxide

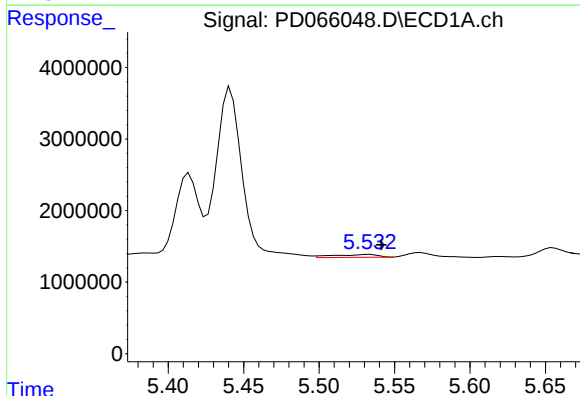
R.T.: 0.000 min  
Exp R.T.: 5.203 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



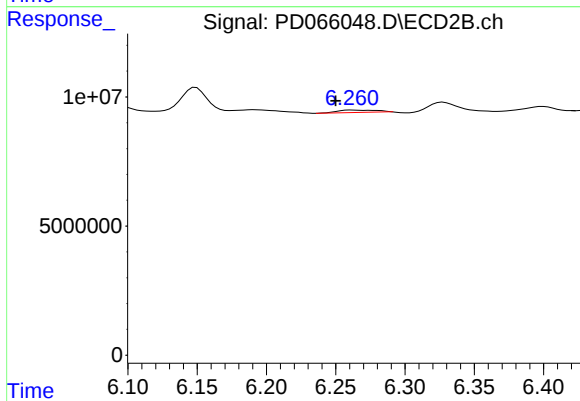
#8 Heptachlor epoxide

R.T.: 5.908 min  
Delta R.T.: 0.016 min  
Response: 48529148  
Conc: 9.39 ng/ml



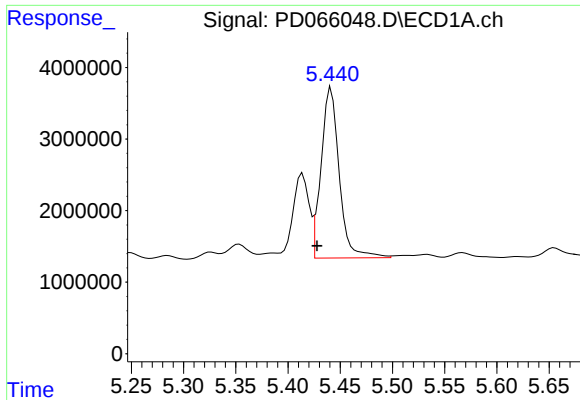
#9 Endosulfan I

R.T.: 5.533 min  
Delta R.T.: -0.008 min  
Response: 807093  
Conc: 0.74 ng/ml



#9 Endosulfan I

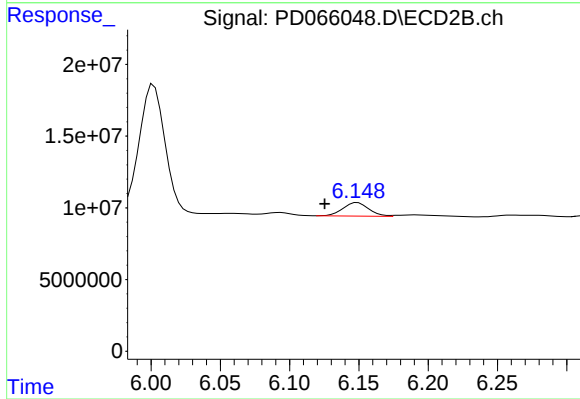
R.T.: 6.261 min  
Delta R.T.: 0.011 min  
Response: 1656651  
Conc: 0.30 ng/ml



#10 gamma-Chlordane

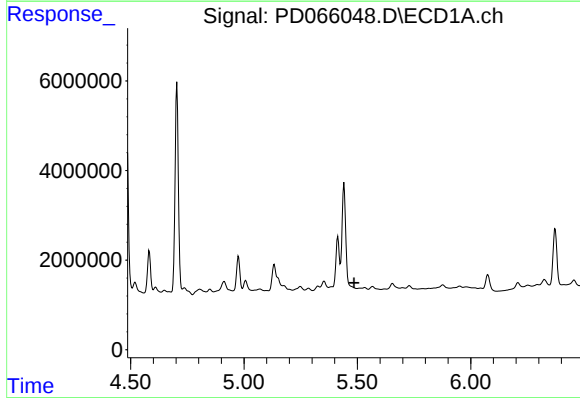
R.T.: 5.441 min  
Delta R.T.: 0.014 min  
Response: 28756665  
Conc: 23.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



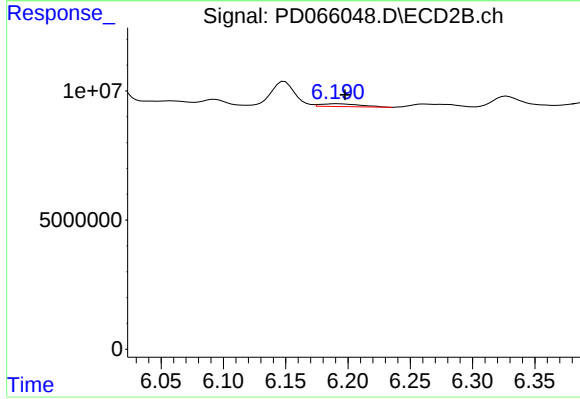
#10 gamma-Chlordane

R.T.: 6.149 min  
Delta R.T.: 0.024 min  
Response: 12220449  
Conc: 2.04 ng/ml



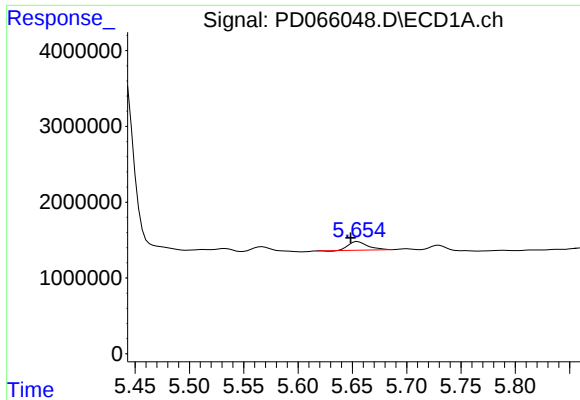
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.486 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

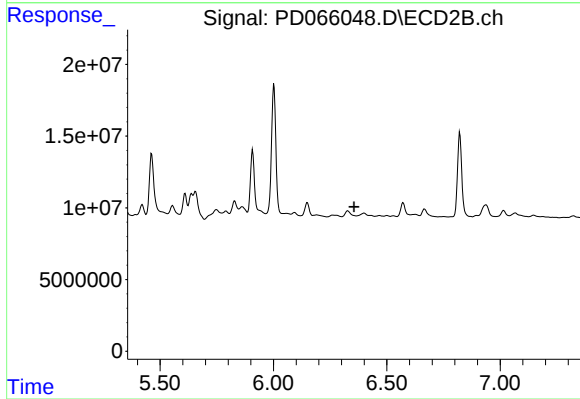
R.T.: 6.191 min  
Delta R.T.: -0.007 min  
Response: 2403735  
Conc: 0.40 ng/ml



#12 4,4'-DDE

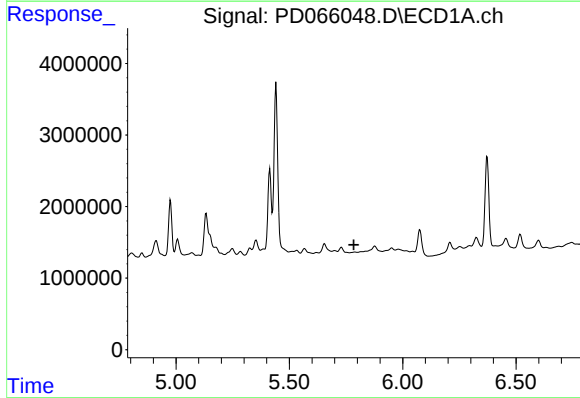
R.T.: 5.655 min  
Delta R.T.: 0.006 min  
Response: 1363937  
Conc: 1.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



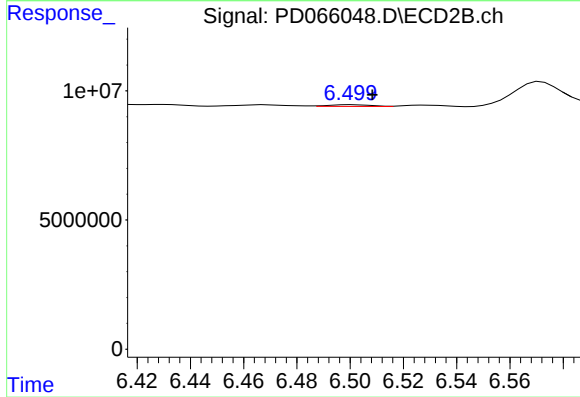
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.356 min  
Response: 0  
Conc: N.D.



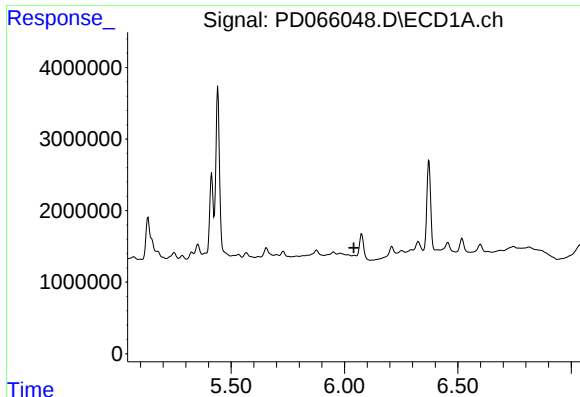
#13 Dieldrin

R.T.: 5.790 min  
Delta R.T.: 0.006 min  
Response: -16282  
Conc: N.D.



#13 Dieldrin

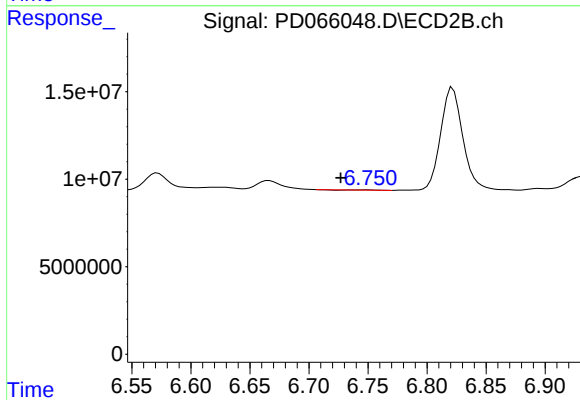
R.T.: 6.501 min  
Delta R.T.: -0.008 min  
Response: 682446  
Conc: 0.12 ng/ml



#14 Endrin

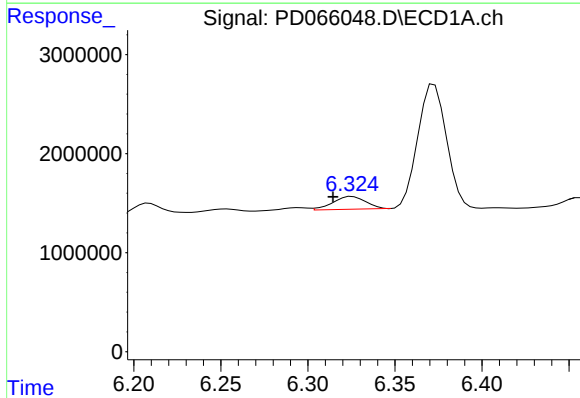
R.T.: 6.044 min  
Delta R.T.: 0.003 min  
Response: -30049  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



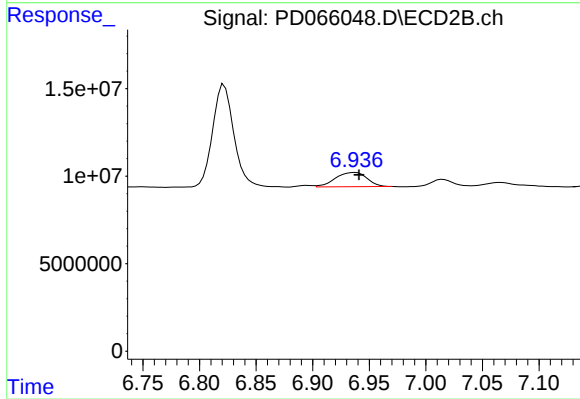
#14 Endrin

R.T.: 6.750 min  
Delta R.T.: 0.023 min  
Response: 28185  
Conc: 0.01 ng/ml



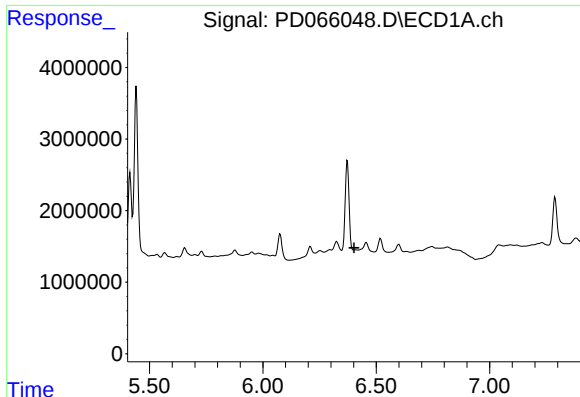
#15 Endosulfan II

R.T.: 6.325 min  
Delta R.T.: 0.011 min  
Response: 1682890  
Conc: 1.56 ng/ml



#15 Endosulfan II

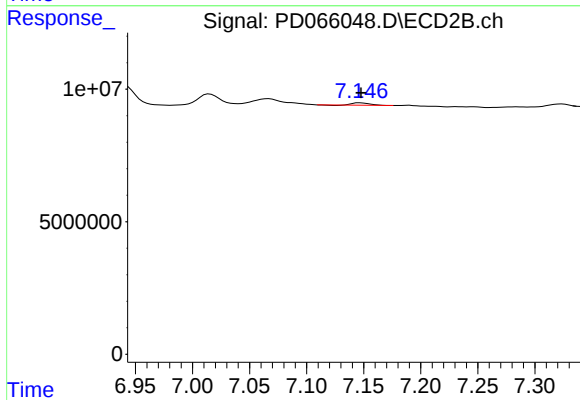
R.T.: 6.938 min  
Delta R.T.: -0.003 min  
Response: 12651947  
Conc: 2.61 ng/ml



#17 4,4'-DDT

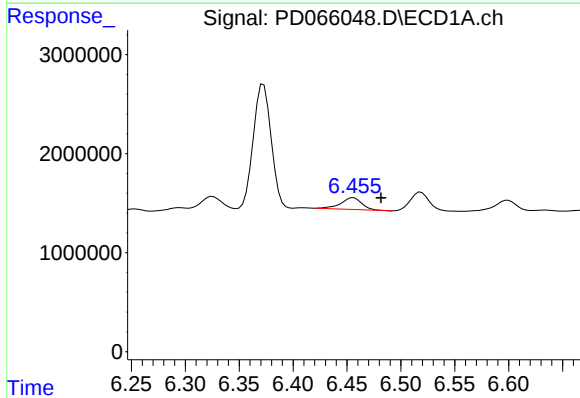
R.T.: 0.000 min  
Exp R.T.: 6.403 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



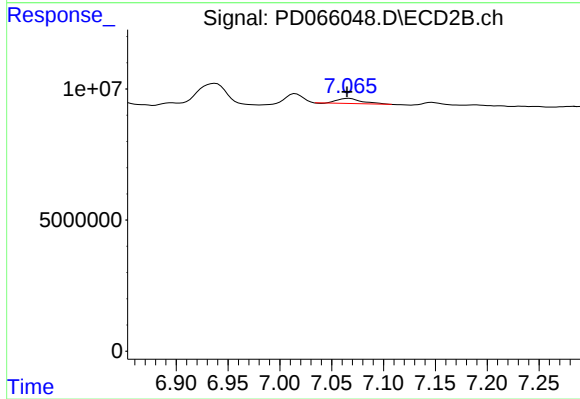
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 928358  
Conc: 0.18 ng/ml



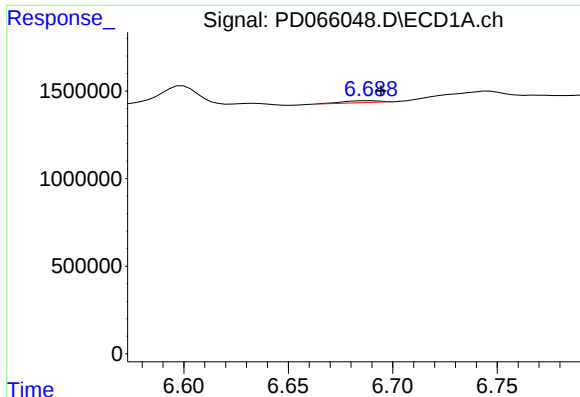
#18 Endrin aldehyde

R.T.: 6.456 min  
Delta R.T.: -0.025 min  
Response: 1623324  
Conc: 1.83 ng/ml



#18 Endrin aldehyde

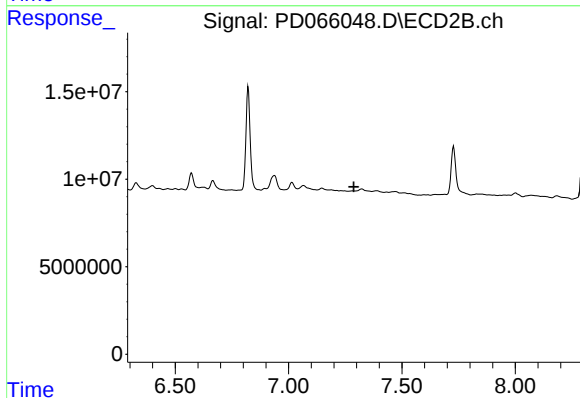
R.T.: 7.067 min  
Delta R.T.: 0.002 min  
Response: 3168973  
Conc: 0.81 ng/ml



#19 Endosulfan Sulfate

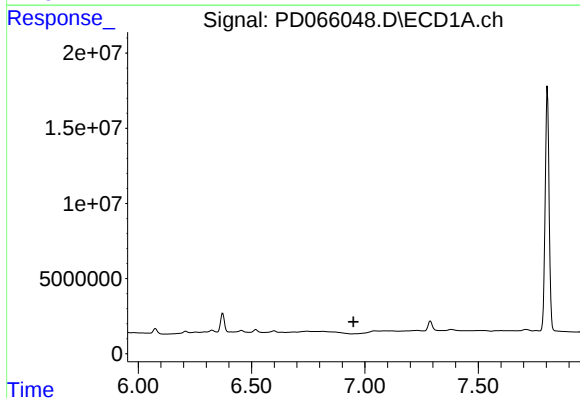
R.T.: 6.689 min  
Delta R.T.: -0.005 min  
Response: 131249  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



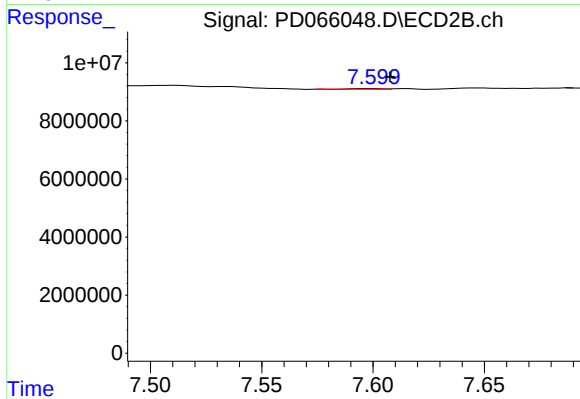
#19 Endosulfan Sulfate

R.T.: 7.284 min  
Delta R.T.: -0.004 min  
Response: -49583  
Conc: N.D.



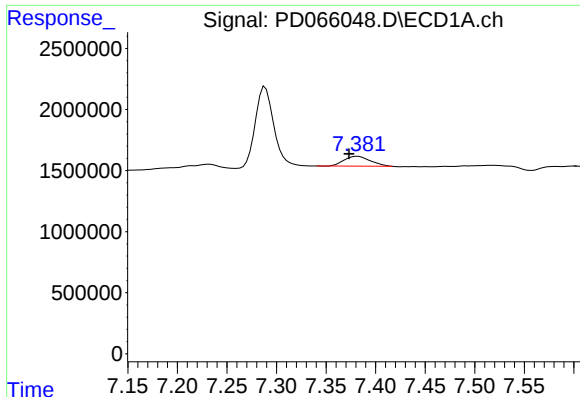
#20 Methoxychlor

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



#20 Methoxychlor

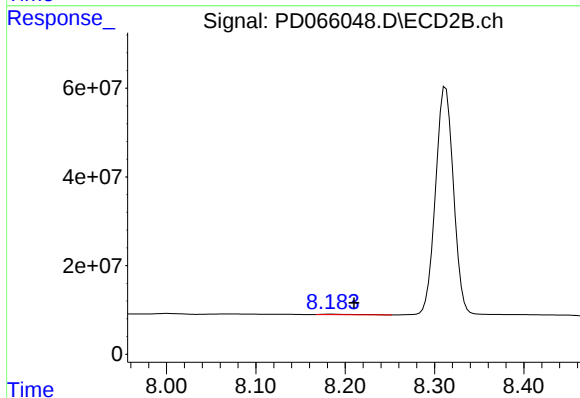
R.T.: 7.600 min  
Delta R.T.: -0.007 min  
Response: 232156  
Conc: 0.09 ng/ml



#22 Mirex

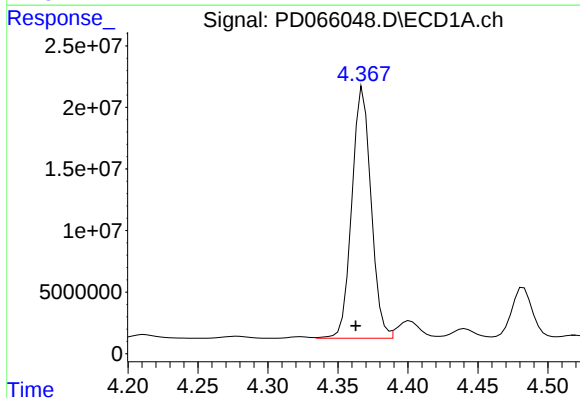
R.T.: 7.382 min  
Delta R.T.: 0.009 min  
Response: 1487740  
Conc: 1.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



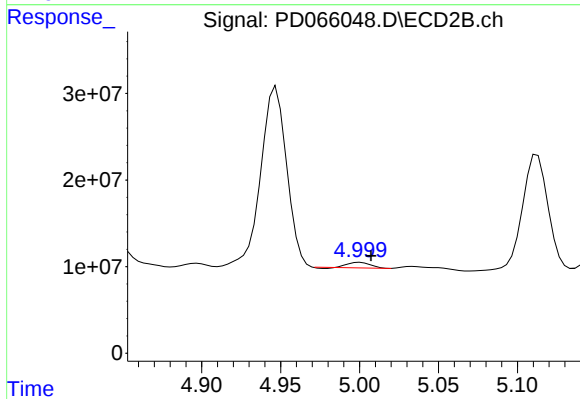
#22 Mirex

R.T.: 8.184 min  
Delta R.T.: -0.025 min  
Response: 3041430  
Conc: 0.77 ng/ml



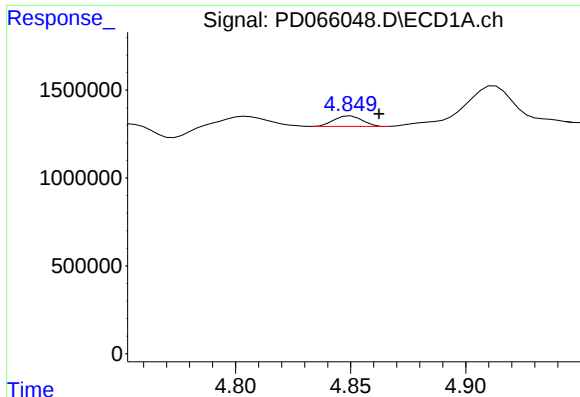
#23 Chlordane-1

R.T.: 4.368 min  
Delta R.T.: 0.005 min  
Response: 194456233  
Conc: 5805.15 ng/ml



#23 Chlordane-1

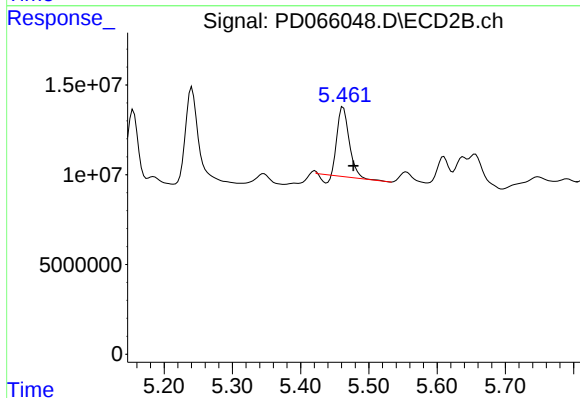
R.T.: 5.000 min  
Delta R.T.: -0.007 min  
Response: 6011419  
Conc: 27.15 ng/ml



#24 Chlordane-2

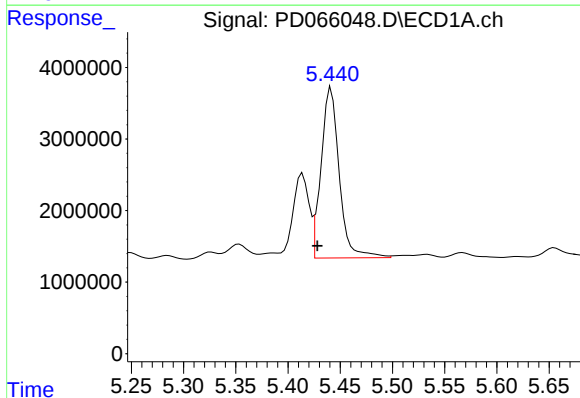
R.T.: 4.850 min  
Delta R.T.: -0.012 min  
Response: 513372  
Conc: 12.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



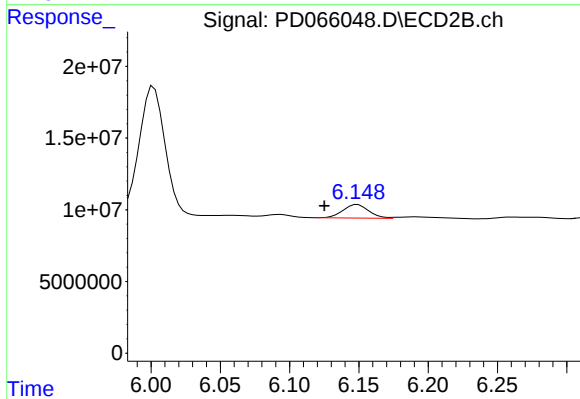
#24 Chlordane-2

R.T.: 5.462 min  
Delta R.T.: -0.015 min  
Response: 45704388  
Conc: 197.59 ng/ml



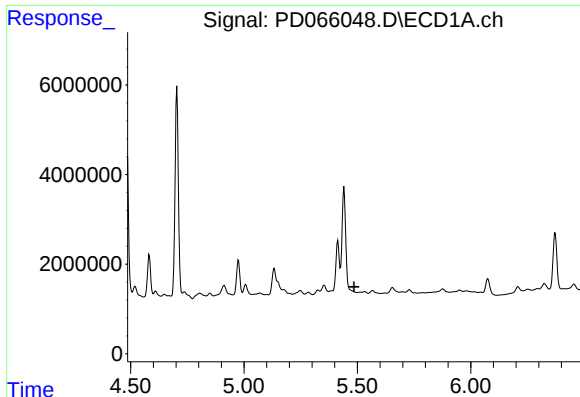
#25 Chlordane-3

R.T.: 5.441 min  
Delta R.T.: 0.013 min  
Response: 28756665  
Conc: 244.08 ng/ml



#25 Chlordane-3

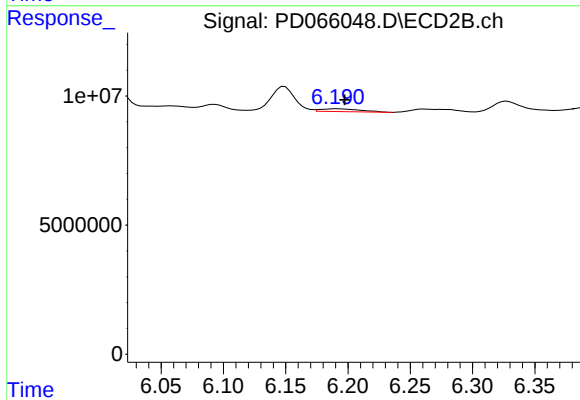
R.T.: 6.149 min  
Delta R.T.: 0.024 min  
Response: 12220449  
Conc: 14.90 ng/ml



#26 Chlordane-4

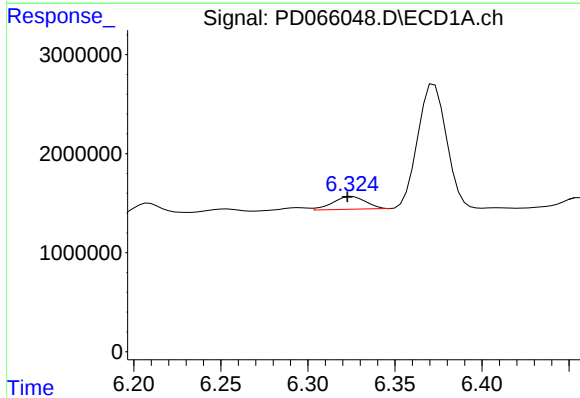
R.T.: 0.000 min  
Exp R.T.: 5.486 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



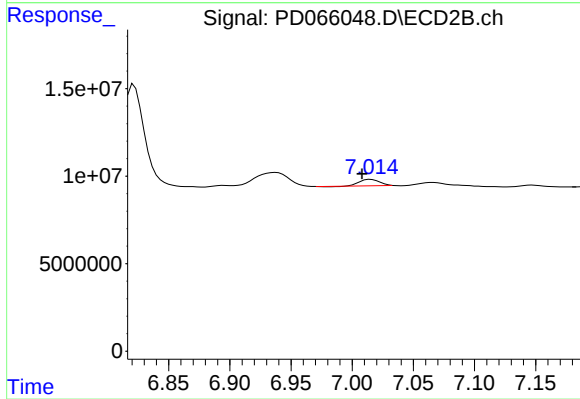
#26 Chlordane-4

R.T.: 6.191 min  
Delta R.T.: -0.006 min  
Response: 2403735  
Conc: 2.51 ng/ml



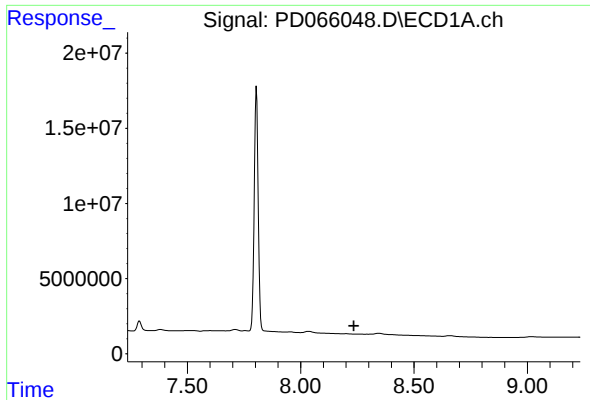
#27 Chlordane-5

R.T.: 6.325 min  
Delta R.T.: 0.003 min  
Response: 1682890  
Conc: 34.63 ng/ml



#27 Chlordane-5

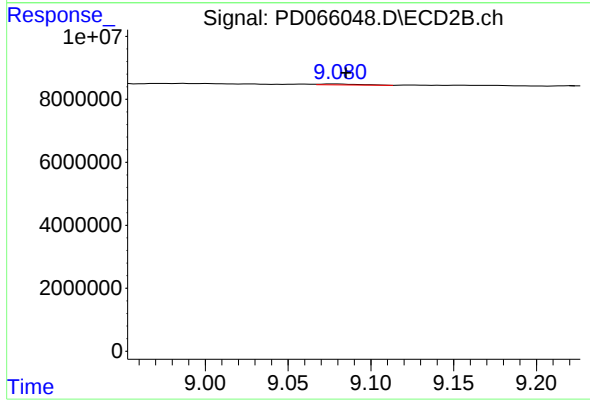
R.T.: 7.015 min  
Delta R.T.: 0.007 min  
Response: 4062471  
Conc: 21.86 ng/ml



#28 Decachlorobiphenyl

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

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.079 min  
Delta R.T.: -0.006 min  
Response: 472443  
Conc: 0.12 ng/ml