

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051923\  
 Data File : PD075591.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2023 09:21  
 Operator : AR\AJ  
 Sample : 02614-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 21:43:09 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050323CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 04 02:14:07 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

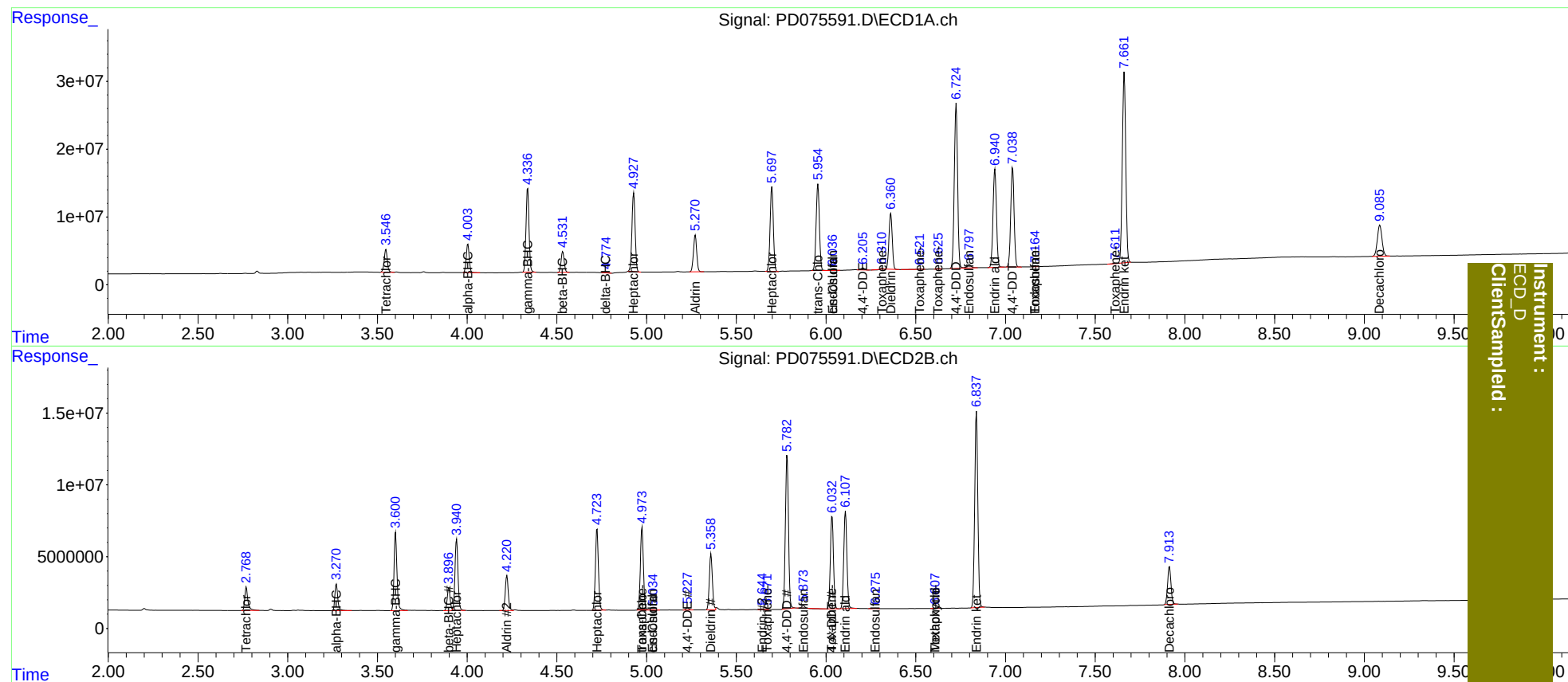
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.547  | 2.769  | 41411933 | 19681834 | 18.156  | 18.660     |
| 27)                         | SA Decachlor... | 9.087  | 7.914  | 83057457 | 34466293 | 33.562  | 36.496     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.004  | 3.271  | 48912958 | 21295337 | 12.719  | 13.748     |
| 3)                          | MA gamma-BHC... | 4.337  | 3.601  | 144.6E6  | 61784474 | 40.222  | 42.032     |
| 4)                          | MA Heptachlor   | 4.928  | 3.941  | 142.4E6  | 58003034 | 38.185  | 39.696     |
| 5)                          | MB Aldrin       | 5.271  | 4.221  | 68419897 | 28504286 | 18.758  | 19.220     |
| 6)                          | B beta-BHC      | 4.533  | 3.898  | 36958211 | 17646080 | 22.515  | 24.234     |
| 7)                          | B delta-BHC     | 4.772  | 0.000  | 977348   | 0        | 0.289   | N.D. #     |
| 8)                          | B Heptachlo...  | 5.699  | 4.724  | 156.8E6  | 66381703 | 46.274  | 47.594     |
| 9)                          | A Endosulfan I  | 6.038f | 5.036f | 536787   | 295891   | 0.178   | 0.247 #    |
| 10)                         | B trans-Chl...  | 5.955  | 4.975  | 161.3E6  | 68244370 | 49.239  | 50.012     |
| 11)                         | B cis-Chlor...  | 6.038  | 5.036  | 536787   | 295891   | 0.158   | 0.212 #    |
| 12)                         | B 4,4'-DDE      | 6.206  | 5.228  | 3382108  | 1747804  | 1.036   | 1.360 #    |
| 13)                         | MA Dieldrin     | 6.361  | 5.359  | 104.5E6  | 46149024 | 30.545  | 33.824     |
| 14)                         | MA Endrin       | 6.592  | 5.645  | 50919    | 587935   | <MDL    | 0.483 #    |
| 15)                         | B Endosulfa...  | 6.798  | 5.874f | 8821208  | 1424802  | 2.739   | 1.114 #    |
| 16)                         | A 4,4'-DDD      | 6.725  | 5.783  | 310.0E6  | 128.3E6  | 128.288 | 129.447    |
| 17)                         | MA 4,4'-DDT     | 7.040  | 6.034  | 190.6E6  | 77696759 | 75.109  | 77.090     |
| 18)                         | B Endrin al...  | 6.941  | 6.108  | 192.6E6  | 83188745 | 81.409  | 81.921     |
| 19)                         | B Endosulfa...  | 7.166  | 6.276f | 530691   | 417178   | 0.193   | 0.359 #    |
| 20)                         | A Methoxychlor  | 7.491  | 6.608  | 28329    | 145503   | <MDL    | 0.254 #    |
| 21)                         | B Endrin ke...  | 7.662  | 6.838  | 374.8E6  | 165.3E6  | 123.642 | 125.326    |
| 22)                         | Toxaphene-1     | 6.311f | 4.975  | 1081215  | 68244370 | 46.997  | 9880.855 # |
| 23)                         | Toxaphene-2     | 6.523f | 5.675  | 639197   | 33188    | 21.422  | 4.156 #    |
| 24)                         | Toxaphene-3     | 6.627f | 6.034f | 1415251  | 77696759 | 67.093  | 8868.110 # |
| 25)                         | Toxaphene-4     | 7.166  | 6.608  | 530691   | 145503   | 8.140   | 5.747 #    |
| 26)                         | Toxaphene-5     | 7.614  | 0.000  | 272609   | 0        | 5.746   | N.D. #     |
| -----                       |                 |        |        |          |          |         |            |

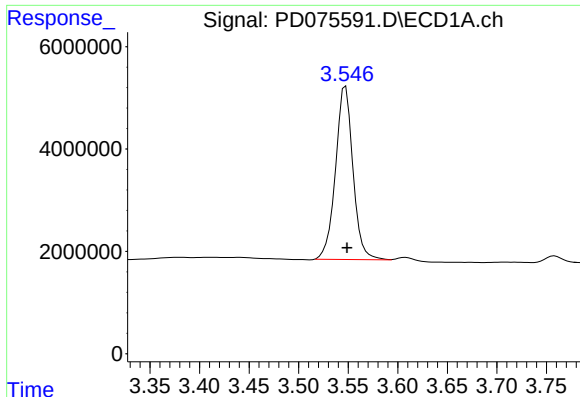
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051923\  
Data File : PD075591.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2023 09:21  
Operator : AR\AJ  
Sample : 02614-05  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 19 21:43:09 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050323CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu May 04 02:14:07 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

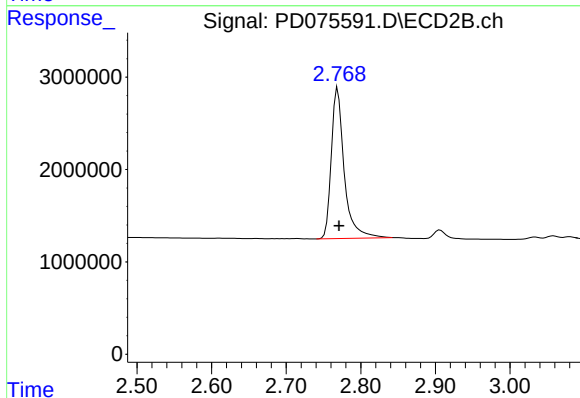




#1 Tetrachloro-m-xylene

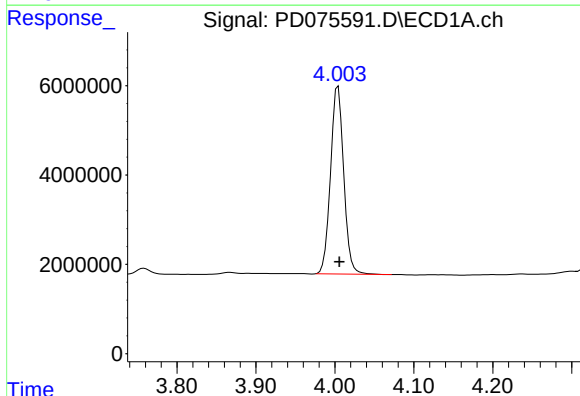
R.T.: 3.547 min  
Delta R.T.: -0.002 min  
Response: 41411933  
Conc: 18.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



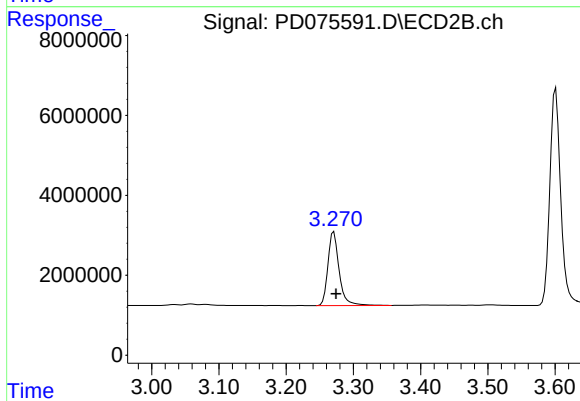
#1 Tetrachloro-m-xylene

R.T.: 2.769 min  
Delta R.T.: -0.002 min  
Response: 19681834  
Conc: 18.66 ng/ml



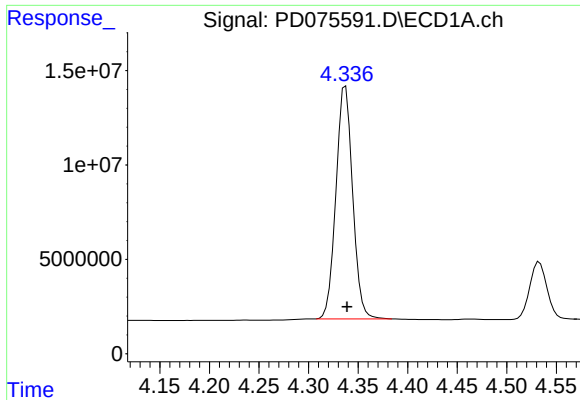
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: -0.002 min  
Response: 48912958  
Conc: 12.72 ng/ml



#2 alpha-BHC

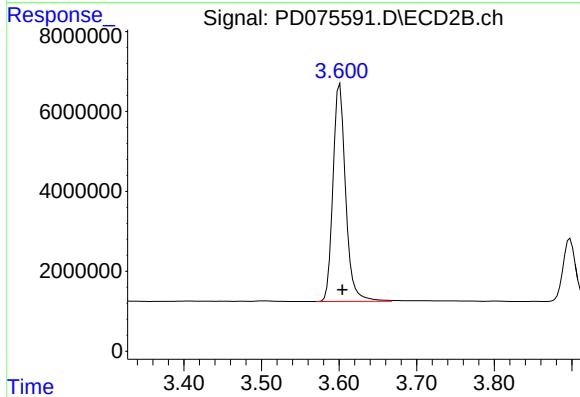
R.T.: 3.271 min  
Delta R.T.: -0.003 min  
Response: 21295337  
Conc: 13.75 ng/ml



#3 gamma-BHC (Lindane)

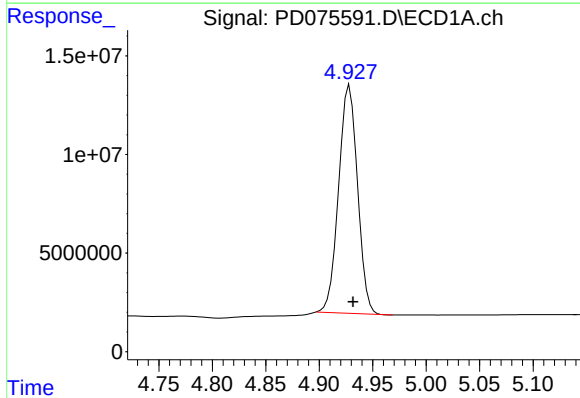
R.T.: 4.337 min  
Delta R.T.: -0.002 min  
Response: 144599942  
Conc: 40.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



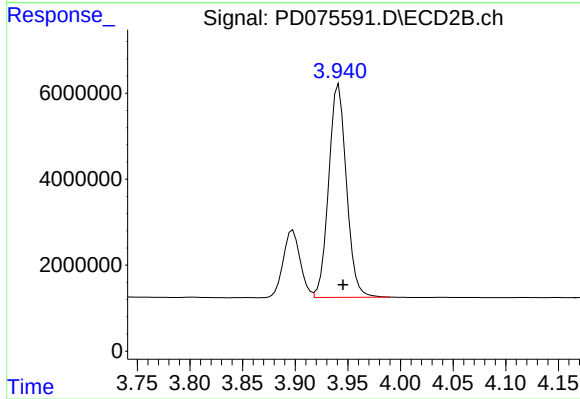
#3 gamma-BHC (Lindane)

R.T.: 3.601 min  
Delta R.T.: -0.003 min  
Response: 61784474  
Conc: 42.03 ng/ml



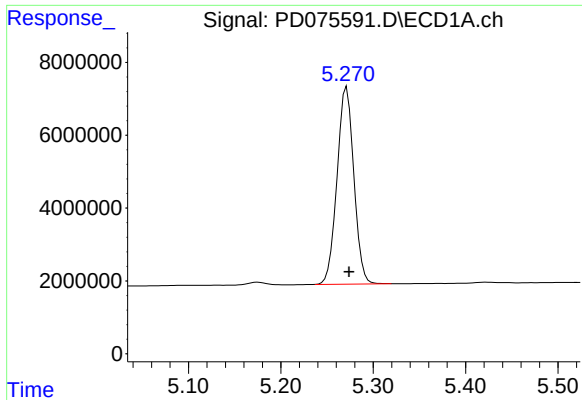
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: -0.003 min  
Response: 142350112  
Conc: 38.18 ng/ml



#4 Heptachlor

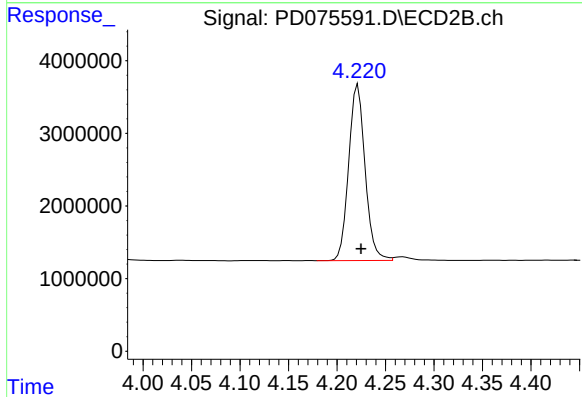
R.T.: 3.941 min  
Delta R.T.: -0.004 min  
Response: 58003034  
Conc: 39.70 ng/ml



#5 Aldrin

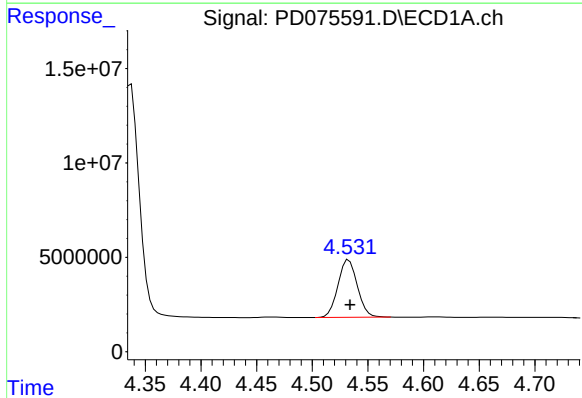
R.T.: 5.271 min  
Delta R.T.: -0.002 min  
Response: 68419897  
Conc: 18.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



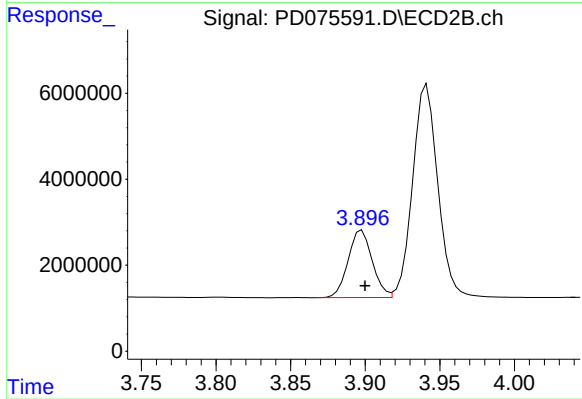
#5 Aldrin

R.T.: 4.221 min  
Delta R.T.: -0.003 min  
Response: 28504286  
Conc: 19.22 ng/ml



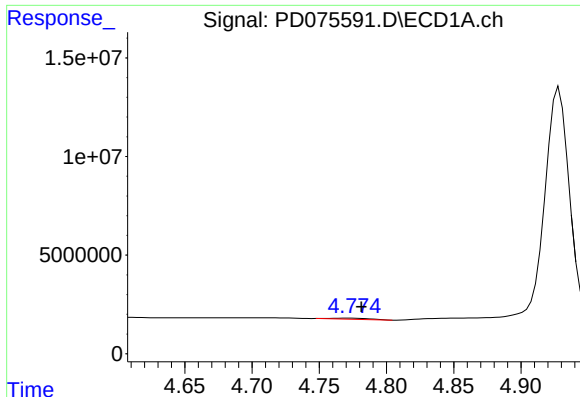
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: -0.001 min  
Response: 36958211  
Conc: 22.52 ng/ml



#6 beta-BHC

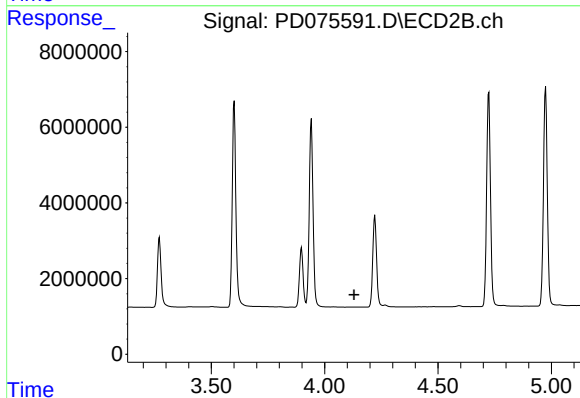
R.T.: 3.898 min  
Delta R.T.: -0.002 min  
Response: 17646080  
Conc: 24.23 ng/ml



#7 delta-BHC

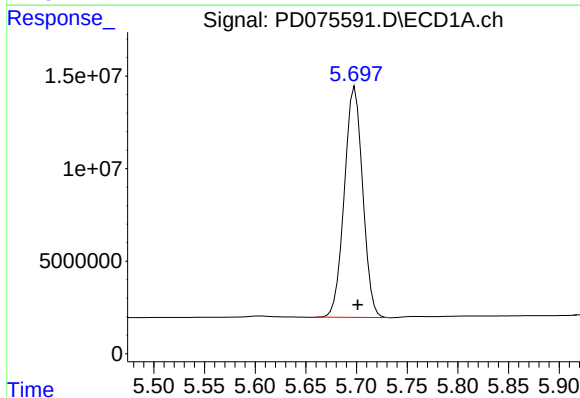
R.T.: 4.772 min  
Delta R.T.: -0.009 min  
Response: 977348  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



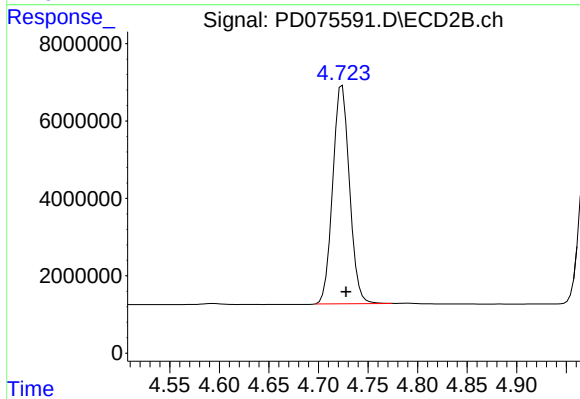
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.130 min  
Response: 0  
Conc: N.D.



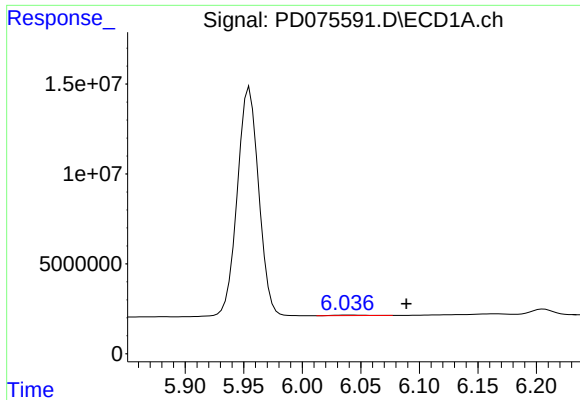
#8 Heptachlor epoxide

R.T.: 5.699 min  
Delta R.T.: -0.003 min  
Response: 156836114  
Conc: 46.27 ng/ml



#8 Heptachlor epoxide

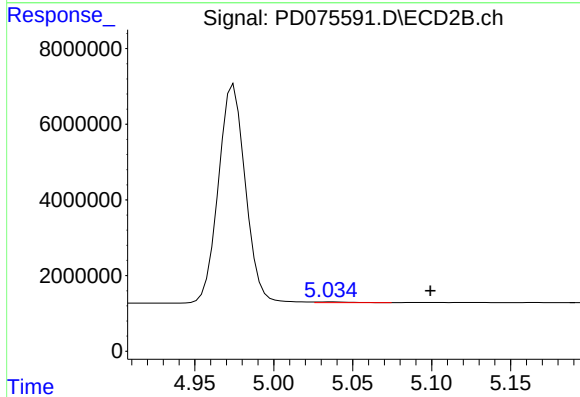
R.T.: 4.724 min  
Delta R.T.: -0.004 min  
Response: 66381703  
Conc: 47.59 ng/ml



#9 Endosulfan I

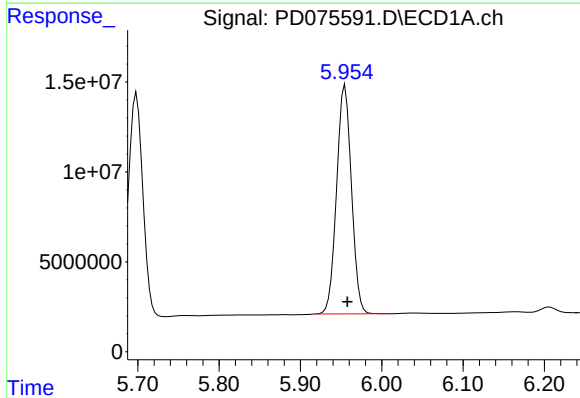
R.T.: 6.038 min  
Delta R.T.: -0.051 min  
Response: 536787  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



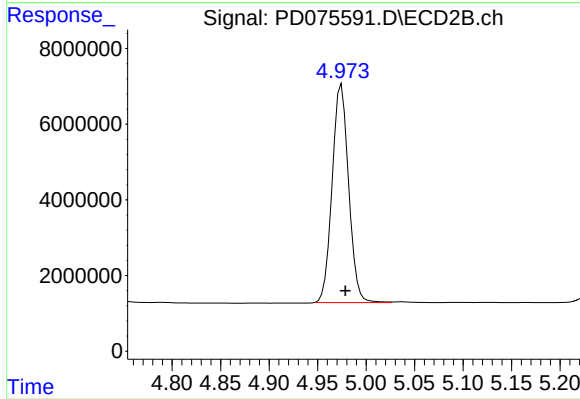
#9 Endosulfan I

R.T.: 5.036 min  
Delta R.T.: -0.063 min  
Response: 295891  
Conc: 0.25 ng/ml



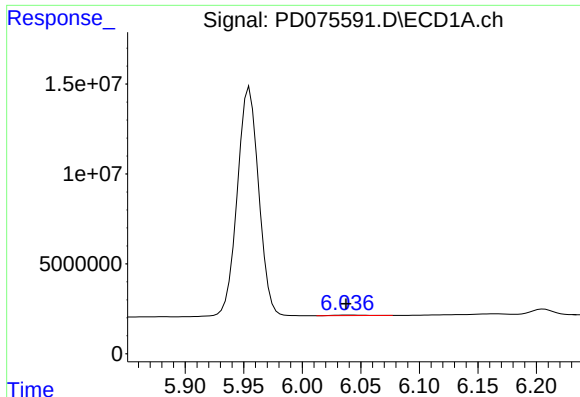
#10 trans-Chlordane

R.T.: 5.955 min  
Delta R.T.: -0.003 min  
Response: 161338758  
Conc: 49.24 ng/ml



#10 trans-Chlordane

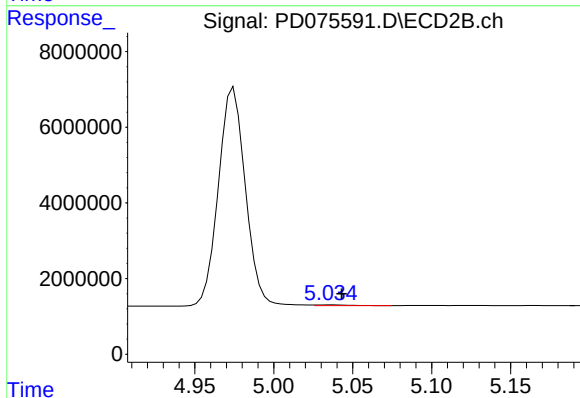
R.T.: 4.975 min  
Delta R.T.: -0.004 min  
Response: 68244370  
Conc: 50.01 ng/ml



#11 cis-Chlordane

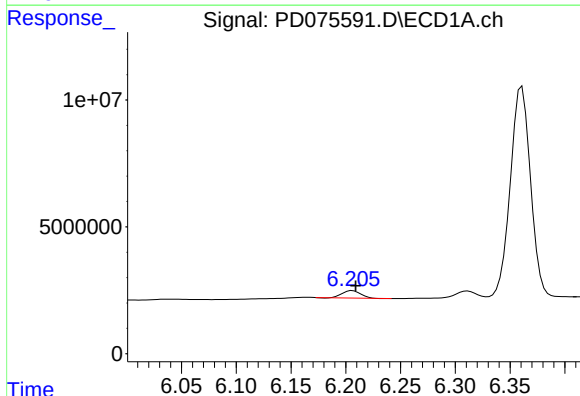
R.T.: 6.038 min  
Delta R.T.: 0.000 min  
Response: 536787  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



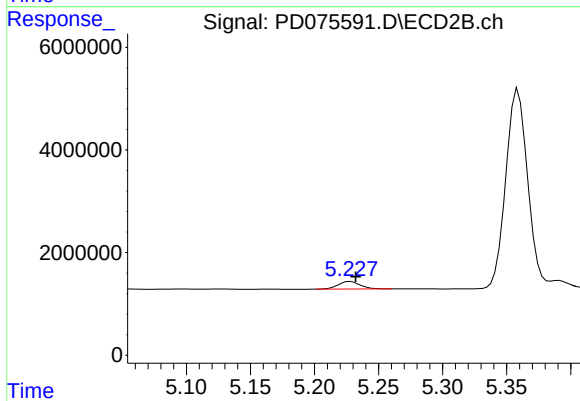
#11 cis-Chlordane

R.T.: 5.036 min  
Delta R.T.: -0.007 min  
Response: 295891  
Conc: 0.21 ng/ml



#12 4,4'-DDE

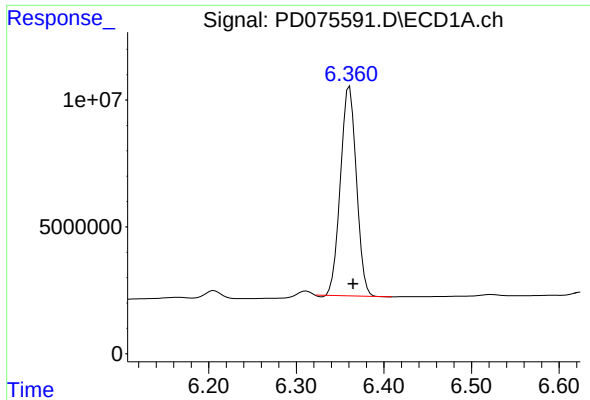
R.T.: 6.206 min  
Delta R.T.: -0.003 min  
Response: 3382108  
Conc: 1.04 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min  
Delta R.T.: -0.004 min  
Response: 1747804  
Conc: 1.36 ng/ml

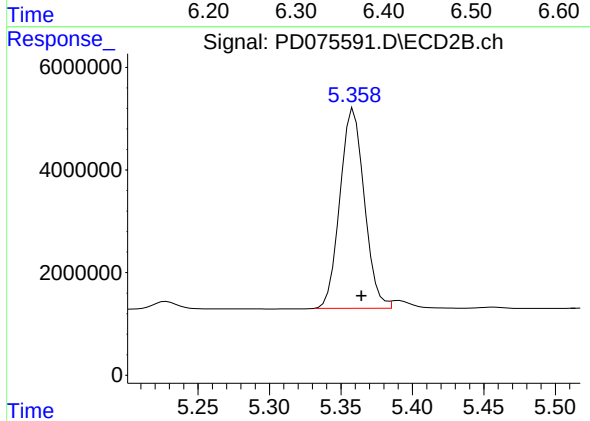




#13 Dieldrin

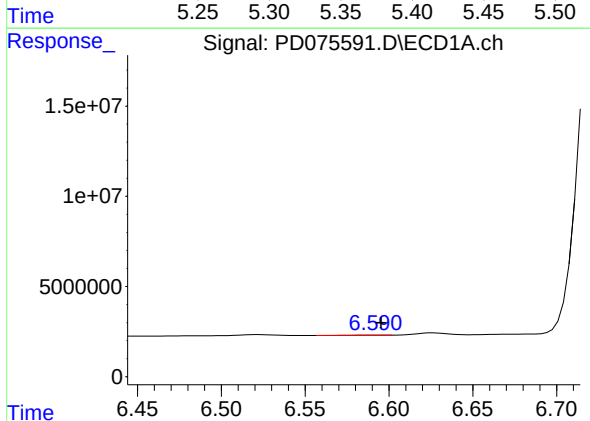
R.T.: 6.361 min  
Delta R.T.: -0.004 min  
Response: 104456452  
Conc: 30.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



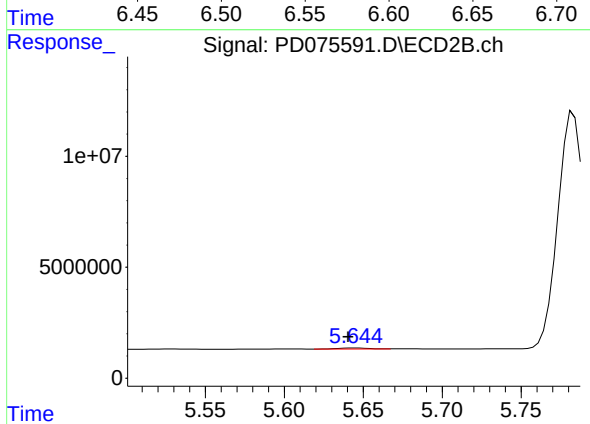
#13 Dieldrin

R.T.: 5.359 min  
Delta R.T.: -0.005 min  
Response: 46149024  
Conc: 33.82 ng/ml



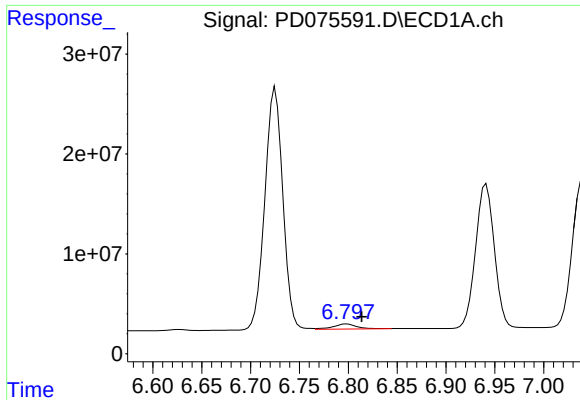
#14 Endrin

R.T.: 6.592 min  
Delta R.T.: -0.004 min  
Response: 50919  
Conc: N.D.



#14 Endrin

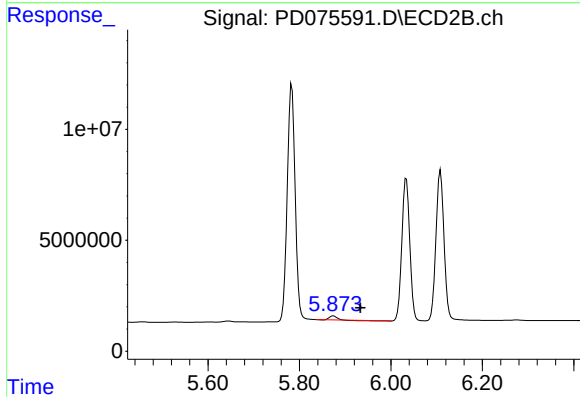
R.T.: 5.645 min  
Delta R.T.: 0.005 min  
Response: 587935  
Conc: 0.48 ng/ml



#15 Endosulfan II

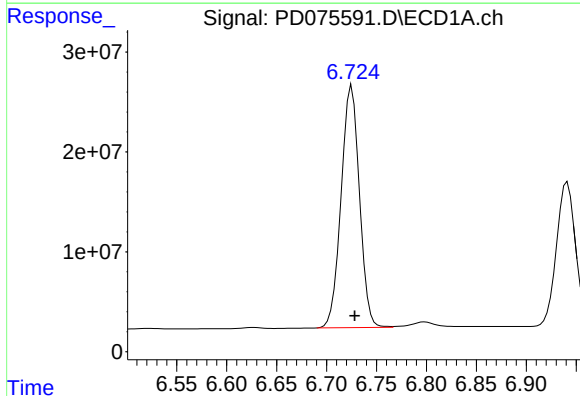
R.T.: 6.798 min  
Delta R.T.: -0.016 min  
Response: 8821208  
Conc: 2.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



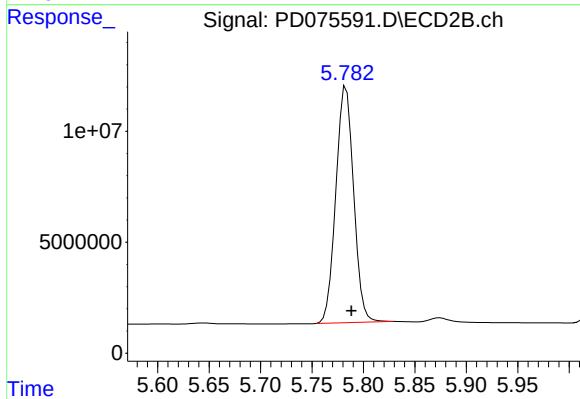
#15 Endosulfan II

R.T.: 5.874 min  
Delta R.T.: -0.059 min  
Response: 1424802  
Conc: 1.11 ng/ml



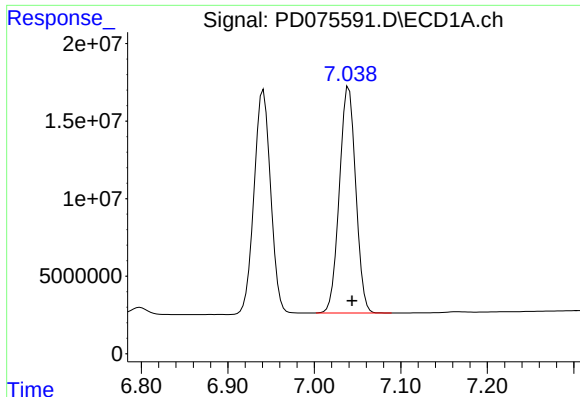
#16 4,4'-DDD

R.T.: 6.725 min  
Delta R.T.: -0.003 min  
Response: 310014075  
Conc: 128.29 ng/ml



#16 4,4'-DDD

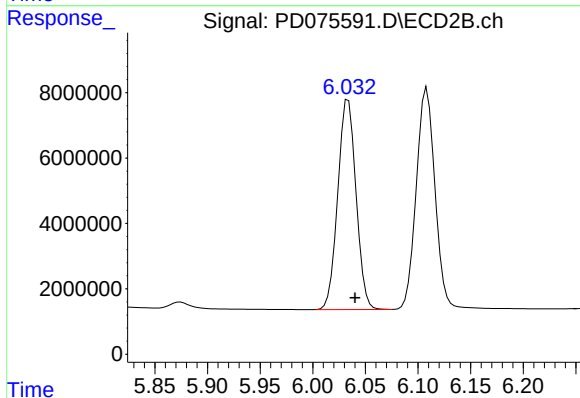
R.T.: 5.783 min  
Delta R.T.: -0.005 min  
Response: 128330742  
Conc: 129.45 ng/ml



#17 4,4'-DDT

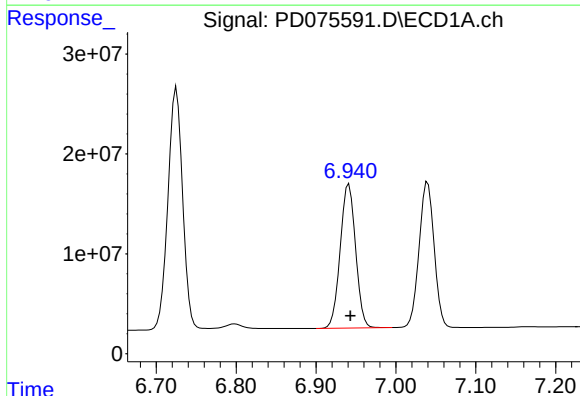
R.T.: 7.040 min  
Delta R.T.: -0.004 min  
Response: 190643860  
Conc: 75.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



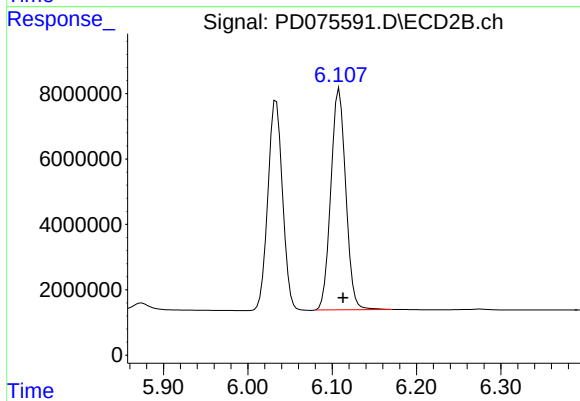
#17 4,4'-DDT

R.T.: 6.034 min  
Delta R.T.: -0.006 min  
Response: 77696759  
Conc: 77.09 ng/ml



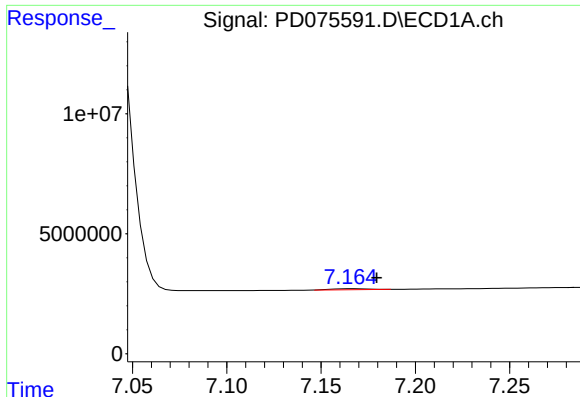
#18 Endrin aldehyde

R.T.: 6.941 min  
Delta R.T.: -0.002 min  
Response: 192579334  
Conc: 81.41 ng/ml



#18 Endrin aldehyde

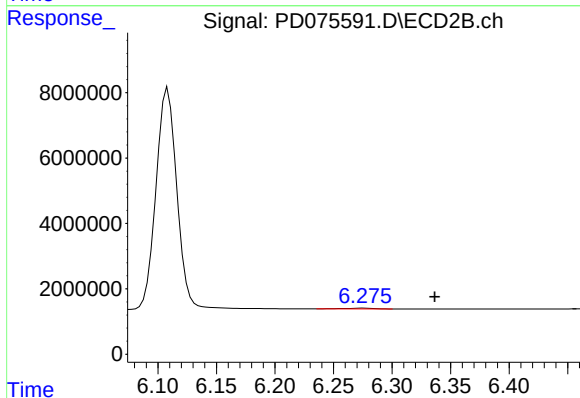
R.T.: 6.108 min  
Delta R.T.: -0.004 min  
Response: 83188745  
Conc: 81.92 ng/ml



#19 Endosulfan Sulfate

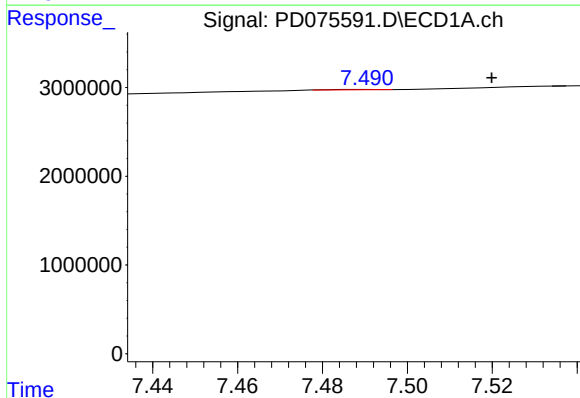
R.T.: 7.166 min  
Delta R.T.: -0.013 min  
Response: 530691  
Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



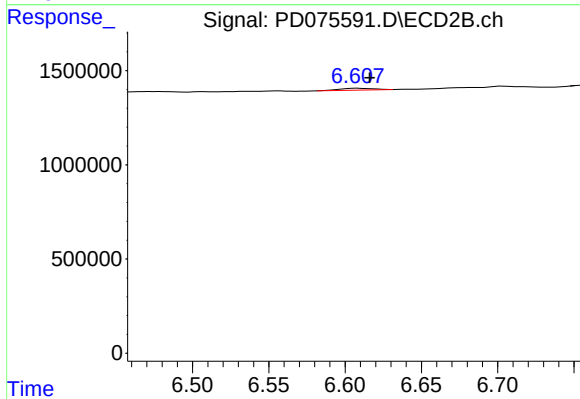
#19 Endosulfan Sulfate

R.T.: 6.276 min  
Delta R.T.: -0.061 min  
Response: 417178  
Conc: 0.36 ng/ml



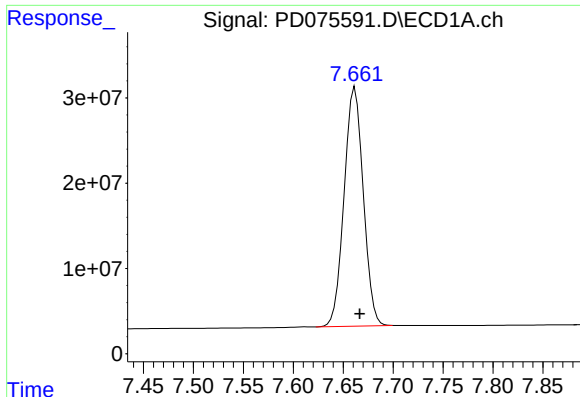
#20 Methoxychlor

R.T.: 7.491 min  
Delta R.T.: -0.029 min  
Response: 28329  
Conc: N.D.



#20 Methoxychlor

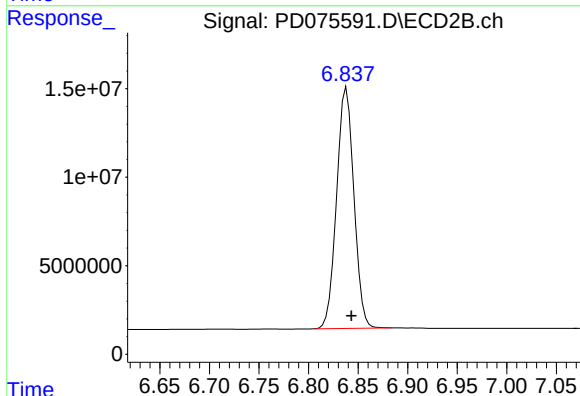
R.T.: 6.608 min  
Delta R.T.: -0.008 min  
Response: 145503  
Conc: 0.25 ng/ml



#21 Endrin ketone

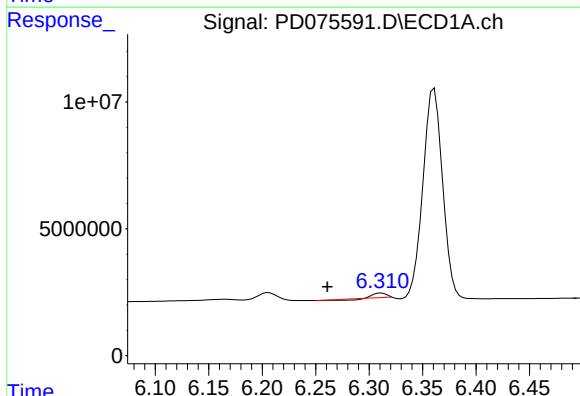
R.T.: 7.662 min  
Delta R.T.: -0.005 min  
Response: 374785601  
Conc: 123.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



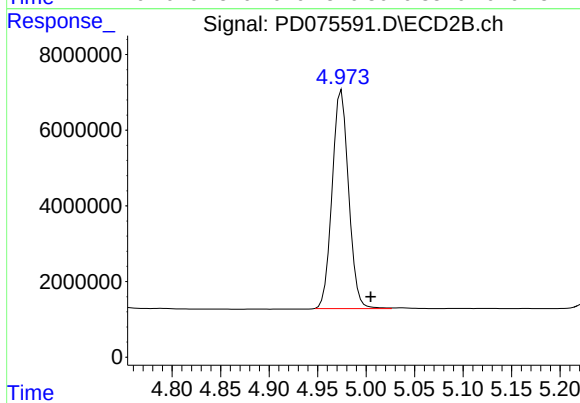
#21 Endrin ketone

R.T.: 6.838 min  
Delta R.T.: -0.005 min  
Response: 165256028  
Conc: 125.33 ng/ml



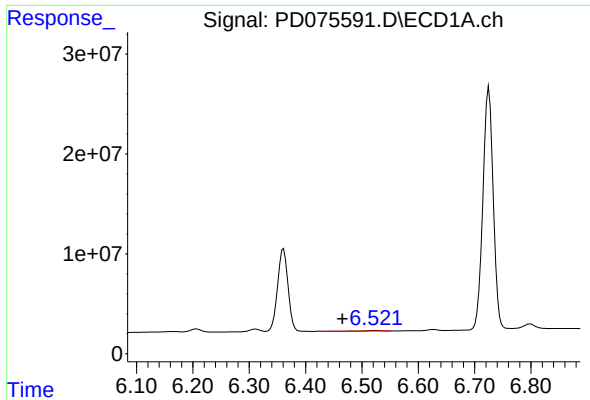
#22 Toxaphene-1

R.T.: 6.311 min  
Delta R.T.: 0.050 min  
Response: 1081215  
Conc: 47.00 ng/ml



#22 Toxaphene-1

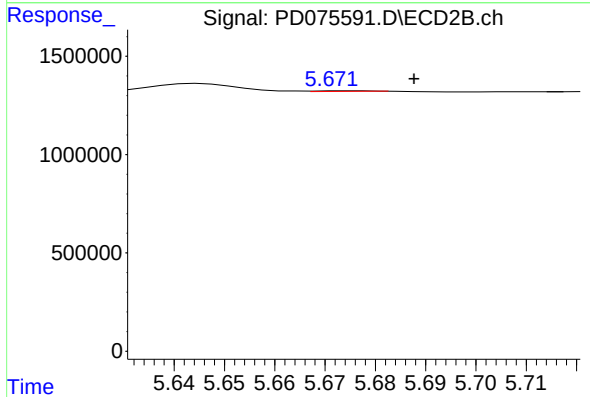
R.T.: 4.975 min  
Delta R.T.: -0.030 min  
Response: 68244370  
Conc: 9880.85 ng/ml



#23 Toxaphene-2

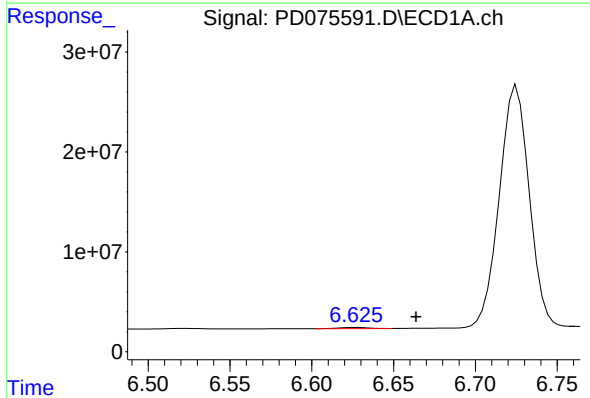
R.T.: 6.523 min  
Delta R.T.: 0.057 min  
Response: 639197  
Conc: 21.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



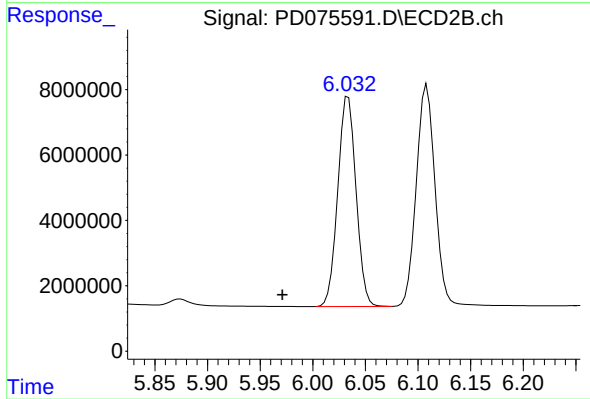
#23 Toxaphene-2

R.T.: 5.675 min  
Delta R.T.: -0.013 min  
Response: 33188  
Conc: 4.16 ng/ml



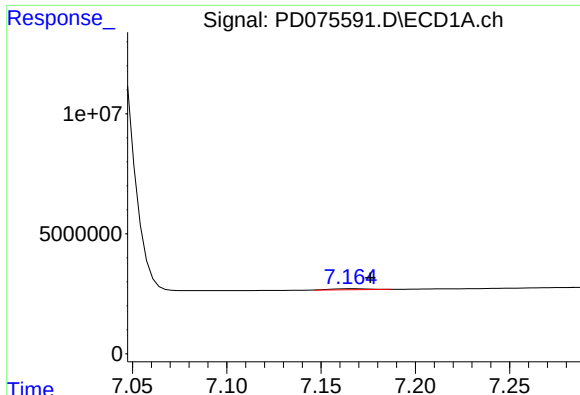
#24 Toxaphene-3

R.T.: 6.627 min  
Delta R.T.: -0.037 min  
Response: 1415251  
Conc: 67.09 ng/ml



#24 Toxaphene-3

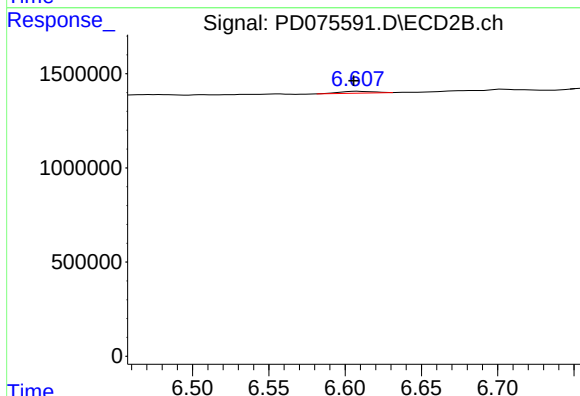
R.T.: 6.034 min  
Delta R.T.: 0.063 min  
Response: 77696759  
Conc: 8868.11 ng/ml



#25 Toxaphene-4

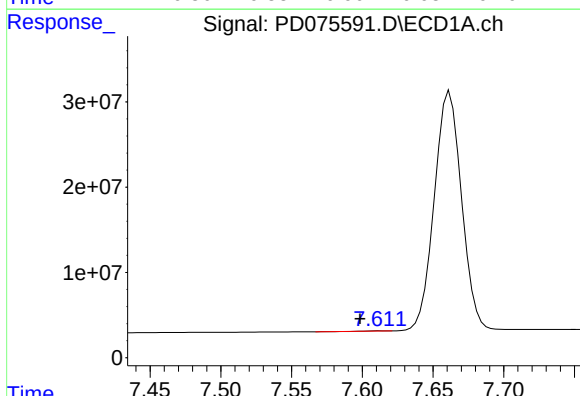
R.T.: 7.166 min  
Delta R.T.: -0.010 min  
Response: 530691  
Conc: 8.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



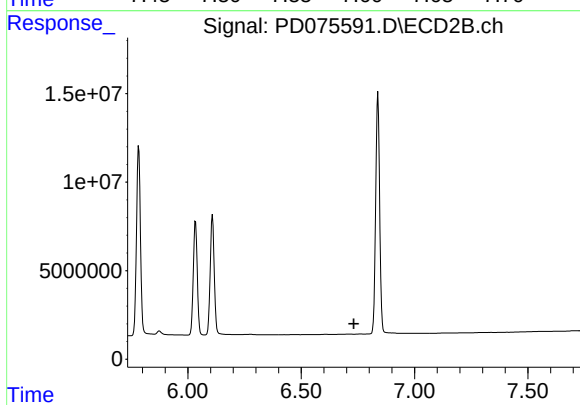
#25 Toxaphene-4

R.T.: 6.608 min  
Delta R.T.: 0.002 min  
Response: 145503  
Conc: 5.75 ng/ml



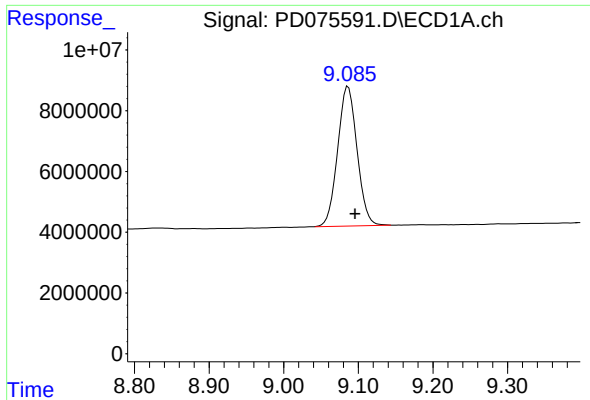
#26 Toxaphene-5

R.T.: 7.614 min  
Delta R.T.: 0.015 min  
Response: 272609  
Conc: 5.75 ng/ml



#26 Toxaphene-5

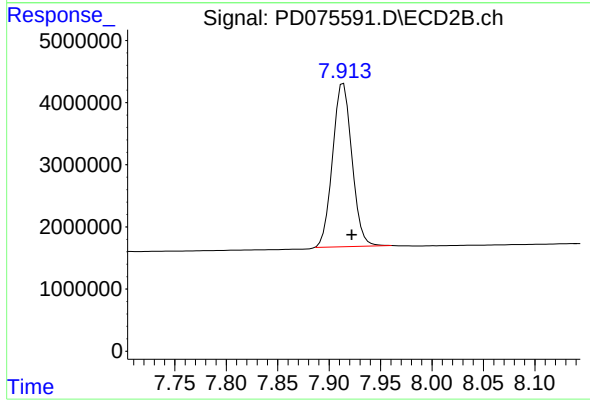
R.T.: 0.000 min  
Exp R.T. : 6.732 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.087 min  
Delta R.T.: -0.009 min  
Response: 83057457  
Conc: 33.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.914 min  
Delta R.T.: -0.008 min  
Response: 34466293  
Conc: 36.50 ng/ml