

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101521\  
 Data File : PD066263.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Oct 2021 14:41  
 Operator : AR\AJ  
 Sample : M4030-06  
 Misc :  
 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 15 10:19:20 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101321CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 13 06:25:14 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

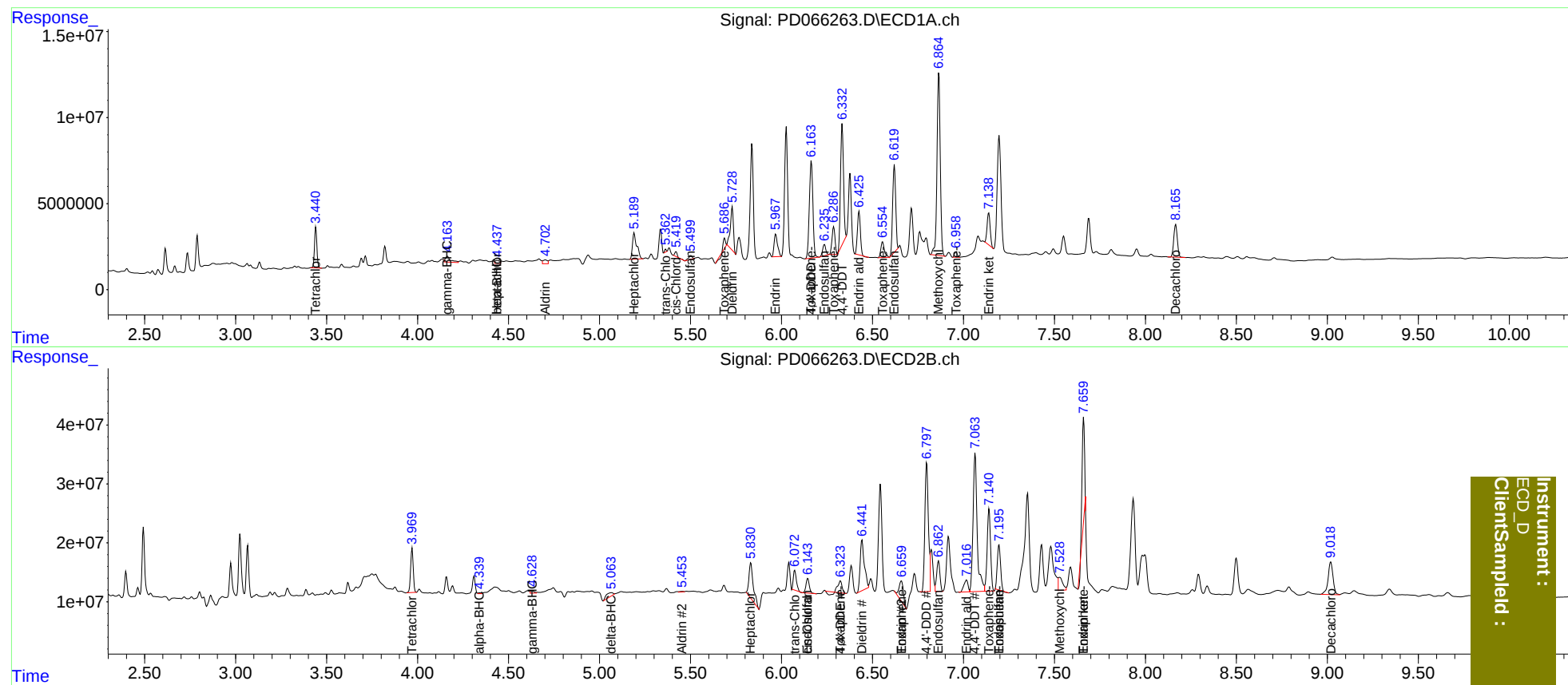
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.441  | 3.970  | 21617379 | 75431612 | 11.353   | 11.169     |
| 27)                         | SA Decachlor... | 8.167  | 9.019  | 25718586 | 104.8E6  | 12.714   | 21.604 #   |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 0.000  | 4.341  | 0        | 1532791  | N.D.     | 0.144      |
| 3)                          | MA gamma-BHC... | 4.165  | 4.630  | 7020507  | 5913484  | 2.311    | 0.608 #    |
| 4)                          | MA Heptachlor   | 4.438  | 0.000  | 2823430  | 0        | 1.140    | N.D. #     |
| 5)                          | MB Aldrin       | 4.703  | 5.455  | 3849339  | 1594693  | 1.340    | 0.167 #    |
| 6)                          | B beta-BHC      | 4.438f | 4.829  | 2823430  | -3827338 | 1.804    | N.D. #     |
| 7)                          | B delta-BHC     | 0.000  | 5.065f | 0        | 17359054 | N.D.     | 1.663      |
| 8)                          | B Heptachlo...  | 5.191f | 5.832  | 25101337 | 99556046 | 9.829    | 13.912 #   |
| 9)                          | A Endosulfan I  | 5.502  | 6.145f | 2829479  | 31859759 | 1.220    | 3.528 #    |
| 10)                         | B trans-Chl...  | 5.363  | 6.073  | 1030726  | 39853283 | 0.394    | 4.065 #    |
| 11)                         | B cis-Chlor...  | 5.421  | 6.145  | 2657366  | 31859759 | 1.026    | 3.312 #    |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.324  | 0        | 23754214 | N.D.     | 2.524      |
| 13)                         | MA Dieldrin     | 5.730  | 6.443  | 30229612 | 136.4E6  | 11.764   | 14.364     |
| 14)                         | MA Endrin       | 5.968  | 6.659  | 17619185 | 57207287 | 9.003    | 7.200      |
| 15)                         | B Endosulfa...  | 6.236  | 6.863  | 7833773  | 64751114 | 3.495    | 7.843 #    |
| 16)                         | A 4,4'-DDD      | 6.164f | 6.798  | 76586431 | 291.8E6  | 38.340   | 38.726     |
| 17)                         | MA 4,4'-DDT     | 6.334  | 7.065  | 80149715 | 370.0E6  | 45.109   | 48.743     |
| 18)                         | B Endrin al...  | 6.427  | 7.017  | 28105355 | 31344638 | 17.670   | 5.377 #    |
| 19)                         | B Endosulfa...  | 6.621  | 7.196f | 58330926 | 95996879 | 28.764   | 12.644 #   |
| 20)                         | A Methoxychlor  | 6.865  | 7.529  | 133.1E6  | 39068860 | 128.842  | 11.533 #   |
| 21)                         | B Endrin ke...  | 7.139  | 7.661f | 22016621 | 157.2E6  | 8.627    | 19.717 #   |
| 22)                         | Toxaphene-1     | 5.687  | 6.324  | 2487531  | 23754214 | 154.474  | 495.334 #  |
| 23)                         | Toxaphene-2     | 6.164  | 6.659  | 76586431 | 57207287 | 4711.071 | 1181.430 # |
| 24)                         | Toxaphene-3     | 6.287  | 7.141  | 18473759 | 182.2E6  | 468.190  | 1461.475 # |
| 25)                         | Toxaphene-4     | 6.556  | 7.196  | 12286262 | 95996879 | 309.787  | 778.852 #  |
| 26)                         | Toxaphene-5     | 6.960  | 7.661  | 3324468  | 157.2E6  | 77.795   | 1747.938 # |
| -----                       |                 |        |        |          |          |          |            |

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

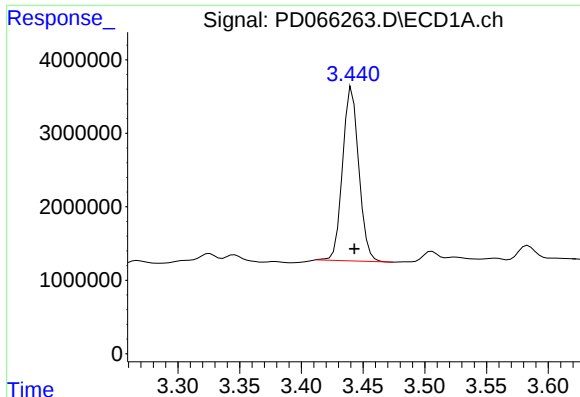
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101521\  
Data File : PD066263.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Oct 2021 14:41  
Operator : AR\AJ  
Sample : M4030-06  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 15 10:19:20 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101321CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 13 06:25:14 2021  
Response via : Initial Calibration  
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Volume Inj. : 1 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



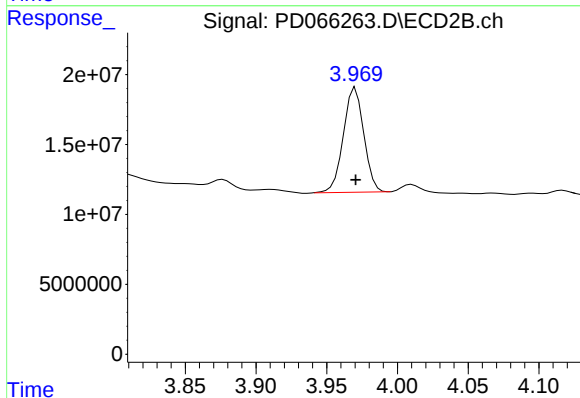
Instrument :  
ECD\_D  
ClientSample :  
Sample



#1 Tetrachloro-m-xylene

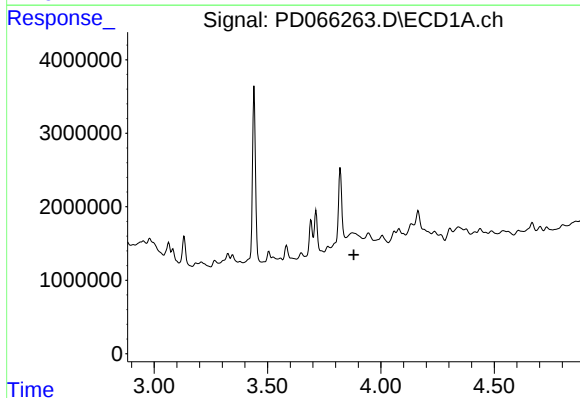
R.T.: 3.441 min  
Delta R.T.: -0.002 min  
Response: 21617379  
Conc: 11.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



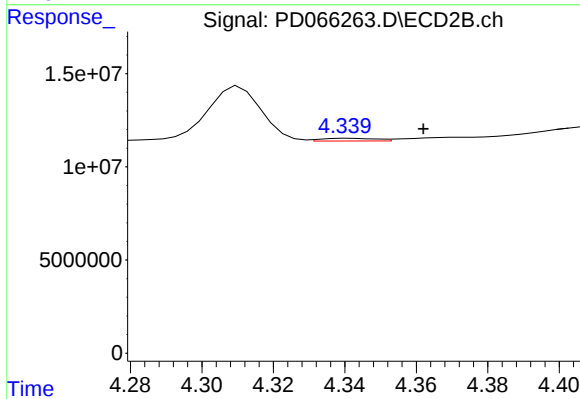
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 75431612  
Conc: 11.17 ng/ml



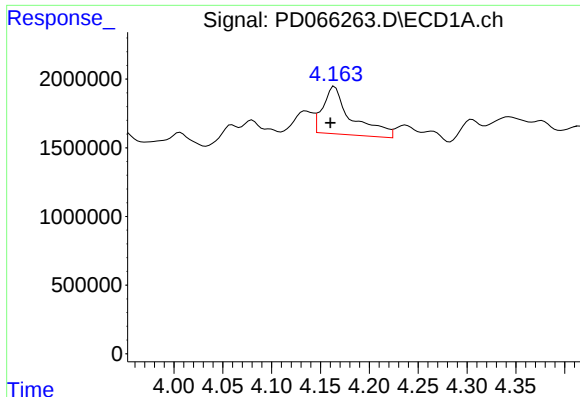
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.880 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

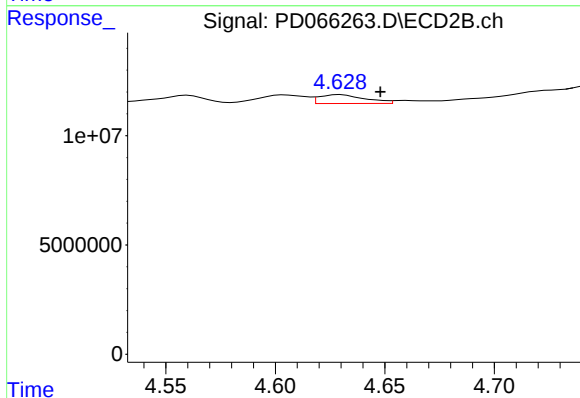
R.T.: 4.341 min  
Delta R.T.: -0.021 min  
Response: 1532791  
Conc: 0.14 ng/ml



#3 gamma-BHC (Lindane)

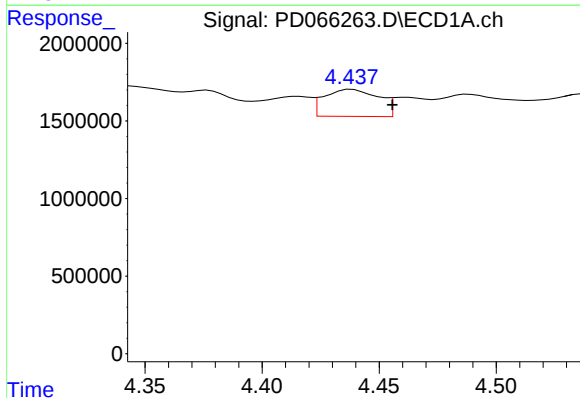
R.T.: 4.165 min  
Delta R.T.: 0.004 min  
Response: 7020507  
Conc: 2.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



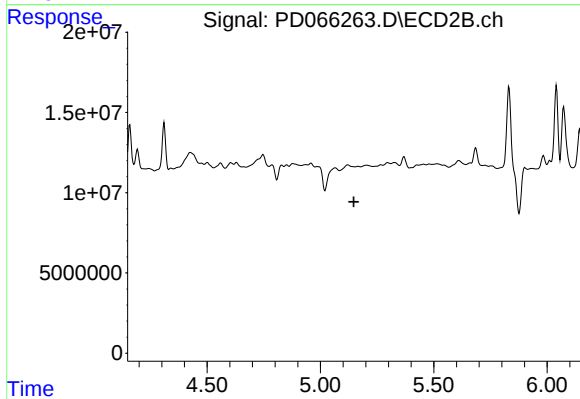
#3 gamma-BHC (Lindane)

R.T.: 4.630 min  
Delta R.T.: -0.018 min  
Response: 5913484  
Conc: 0.61 ng/ml



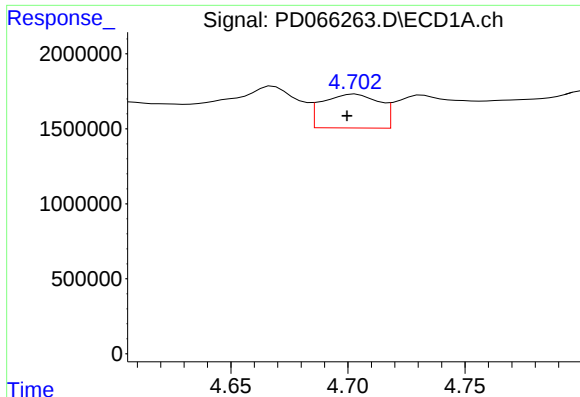
#4 Heptachlor

R.T.: 4.438 min  
Delta R.T.: -0.017 min  
Response: 2823430  
Conc: 1.14 ng/ml



#4 Heptachlor

R.T.: 0.000 min  
Exp R.T.: 5.148 min  
Response: 0  
Conc: N.D.



#5 Aldrin

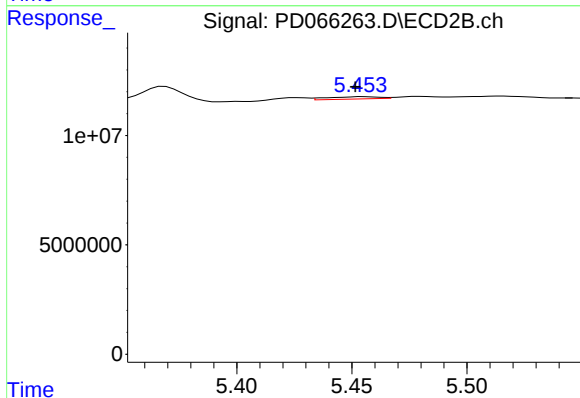
R.T.: 4.703 min

Delta R.T.: 0.004 min

Response: 3849339

Conc: 1.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



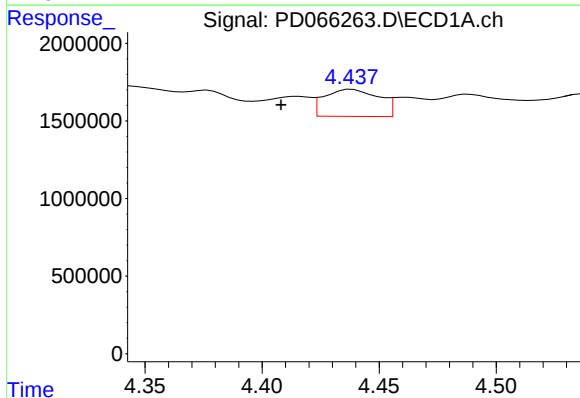
#5 Aldrin

R.T.: 5.455 min

Delta R.T.: 0.004 min

Response: 1594693

Conc: 0.17 ng/ml



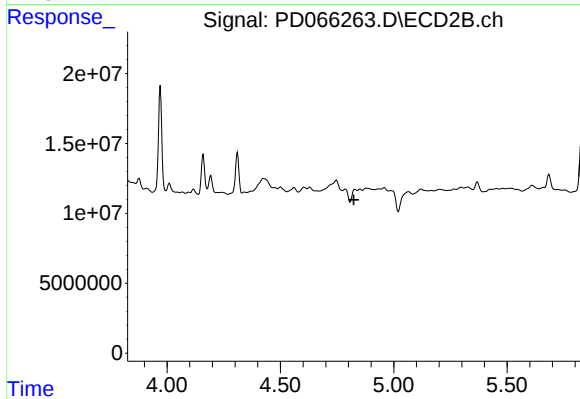
#6 beta-BHC

R.T.: 4.438 min

Delta R.T.: 0.030 min

Response: 2823430

Conc: 1.80 ng/ml



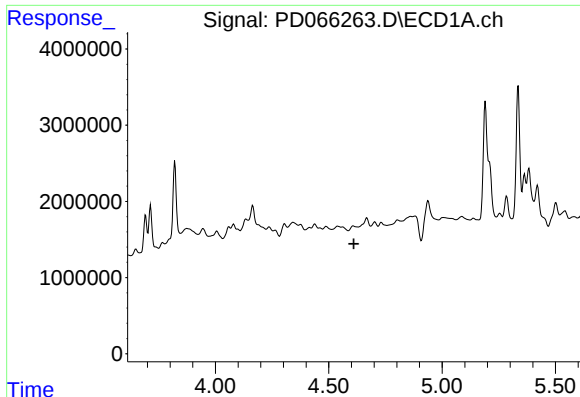
#6 beta-BHC

R.T.: 4.829 min

Delta R.T.: 0.005 min

Response: -3827338

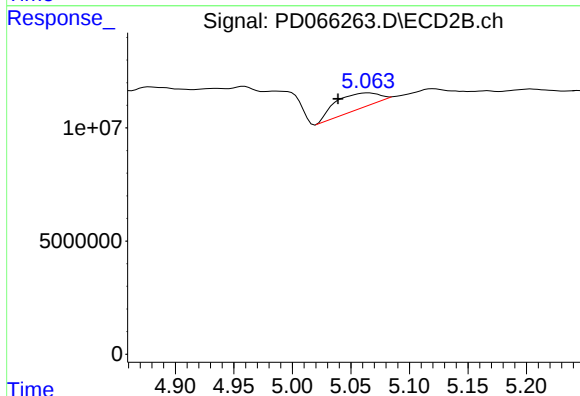
Conc: N.D.



#7 delta-BHC

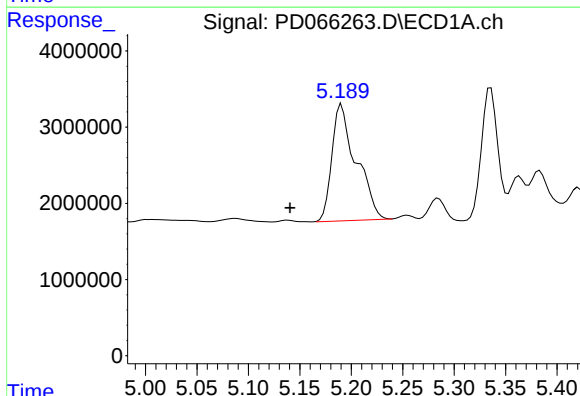
R.T.: 0.000 min  
Exp R.T.: 4.610 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



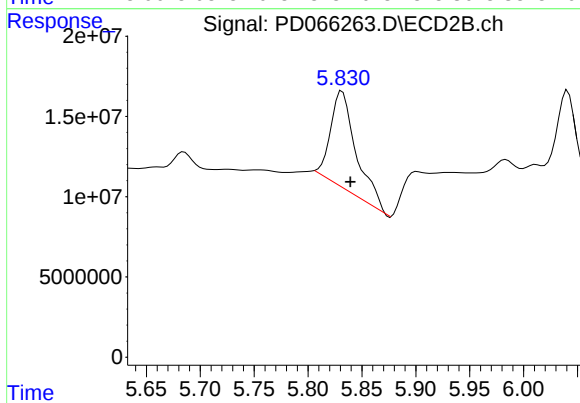
#7 delta-BHC

R.T.: 5.065 min  
Delta R.T.: 0.026 min  
Response: 17359054  
Conc: 1.66 ng/ml



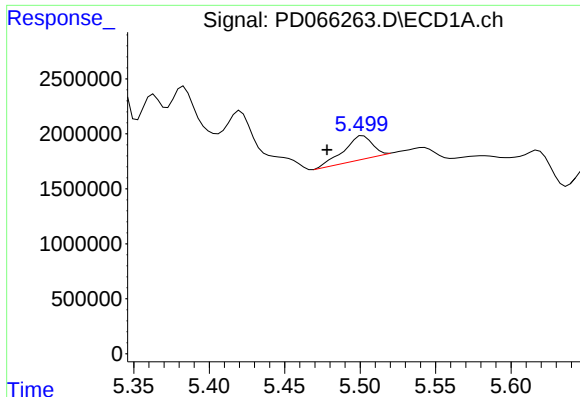
#8 Heptachlor epoxide

R.T.: 5.191 min  
Delta R.T.: 0.050 min  
Response: 25101337  
Conc: 9.83 ng/ml



#8 Heptachlor epoxide

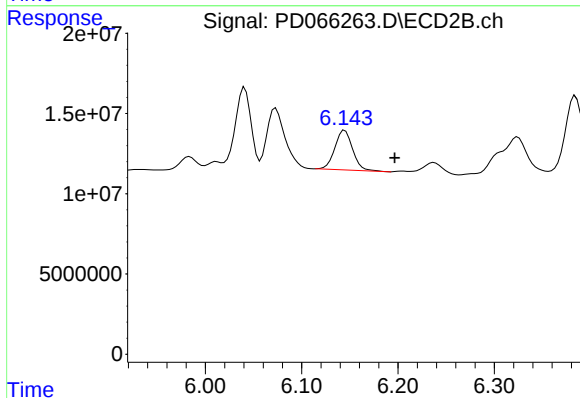
R.T.: 5.832 min  
Delta R.T.: -0.008 min  
Response: 99556046  
Conc: 13.91 ng/ml



#9 Endosulfan I

R.T.: 5.502 min  
Delta R.T.: 0.024 min  
Response: 2829479  
Conc: 1.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#9 Endosulfan I

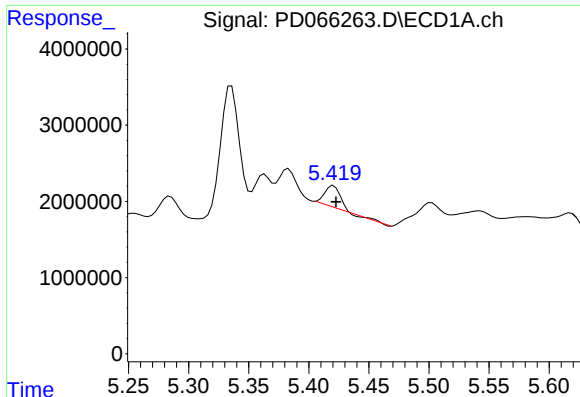
R.T.: 6.145 min  
Delta R.T.: -0.052 min  
Response: 31859759  
Conc: 3.53 ng/ml

#10 trans-Chlordane

R.T.: 5.363 min  
Delta R.T.: 0.000 min  
Response: 1030726  
Conc: 0.39 ng/ml

#10 trans-Chlordane

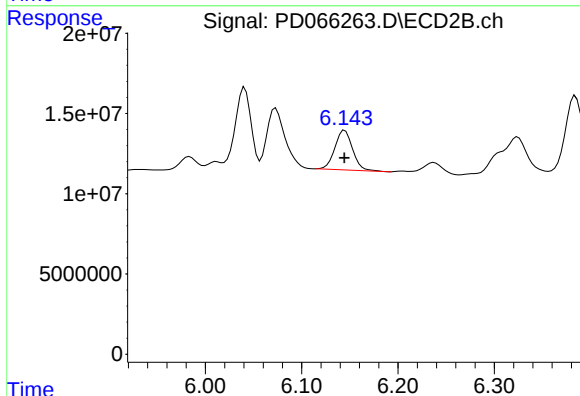
R.T.: 6.073 min  
Delta R.T.: 0.000 min  
Response: 39853283  
Conc: 4.06 ng/ml



#11 cis-Chlordane

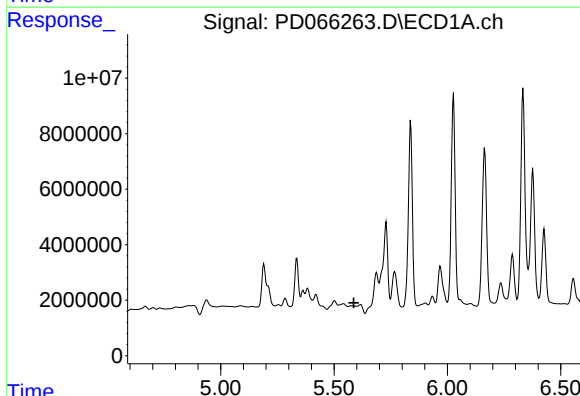
R.T.: 5.421 min  
Delta R.T.: -0.002 min  
Response: 2657366  
Conc: 1.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



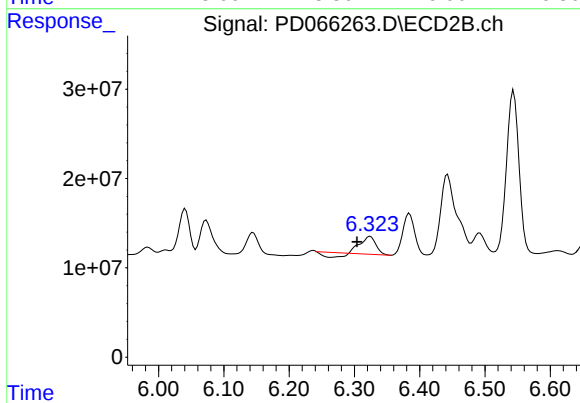
#11 cis-Chlordane

R.T.: 6.145 min  
Delta R.T.: 0.000 min  
Response: 31859759  
Conc: 3.31 ng/ml



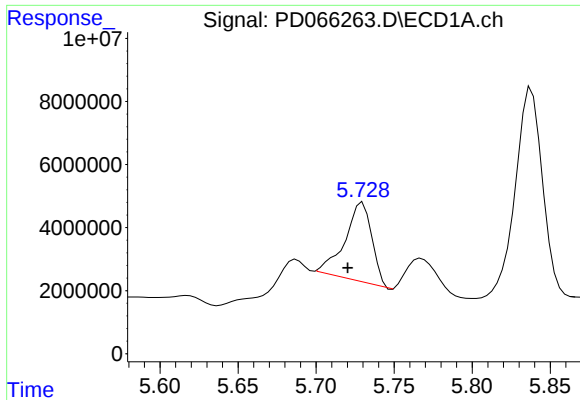
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.587 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

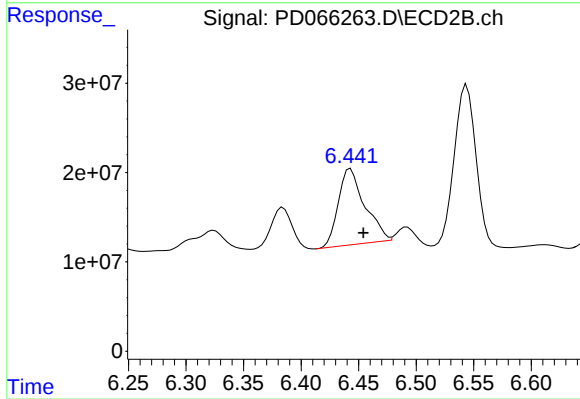
R.T.: 6.324 min  
Delta R.T.: 0.020 min  
Response: 23754214  
Conc: 2.52 ng/ml



#13 Dieldrin

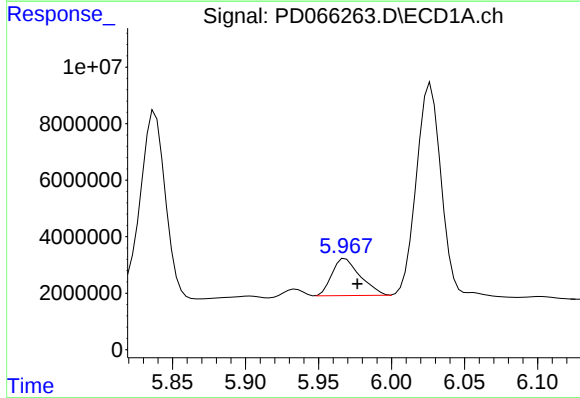
R.T.: 5.730 min  
Delta R.T.: 0.010 min  
Response: 30229612  
Conc: 11.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



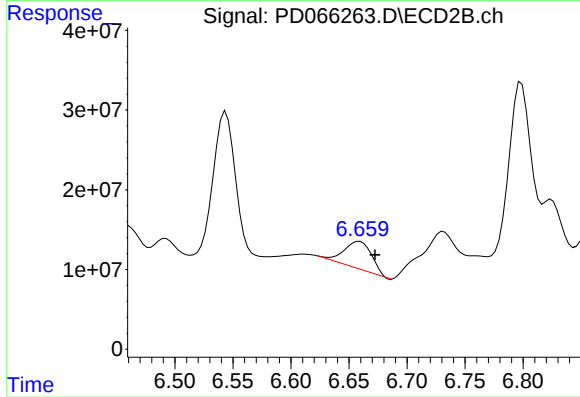
#13 Dieldrin

R.T.: 6.443 min  
Delta R.T.: -0.011 min  
Response: 136442861  
Conc: 14.36 ng/ml



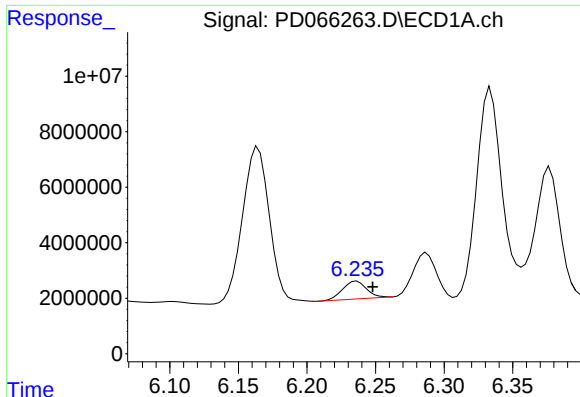
#14 Endrin

R.T.: 5.968 min  
Delta R.T.: -0.008 min  
Response: 17619185  
Conc: 9.00 ng/ml



#14 Endrin

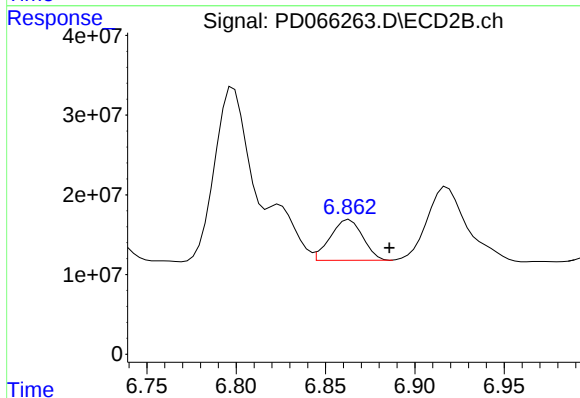
R.T.: 6.659 min  
Delta R.T.: -0.014 min  
Response: 57207287  
Conc: 7.20 ng/ml



#15 Endosulfan II

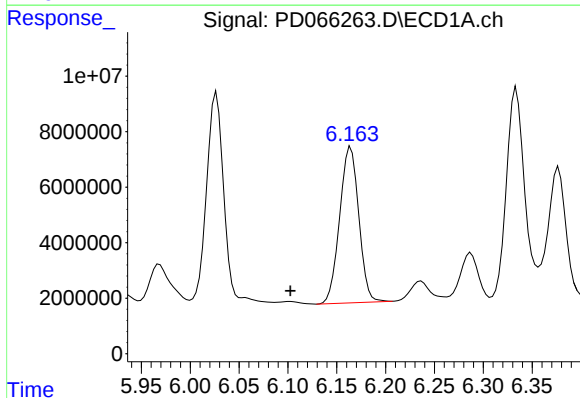
R.T.: 6.236 min  
Delta R.T.: -0.011 min  
Response: 7833773  
Conc: 3.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



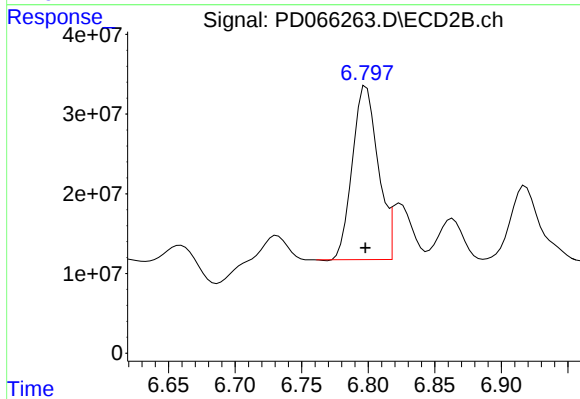
#15 Endosulfan II

R.T.: 6.863 min  
Delta R.T.: -0.022 min  
Response: 64751114  
Conc: 7.84 ng/ml



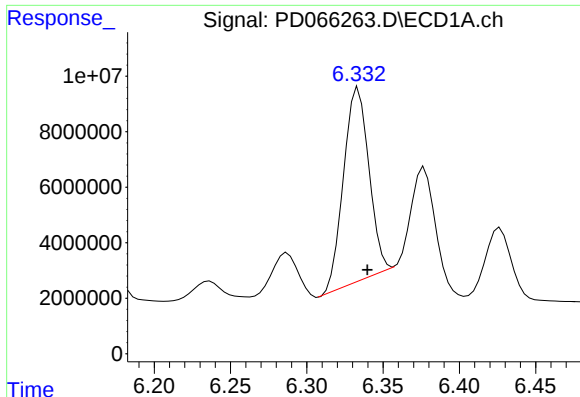
#16 4,4'-DDD

R.T.: 6.164 min  
Delta R.T.: 0.062 min  
Response: 76586431  
Conc: 38.34 ng/ml



#16 4,4'-DDD

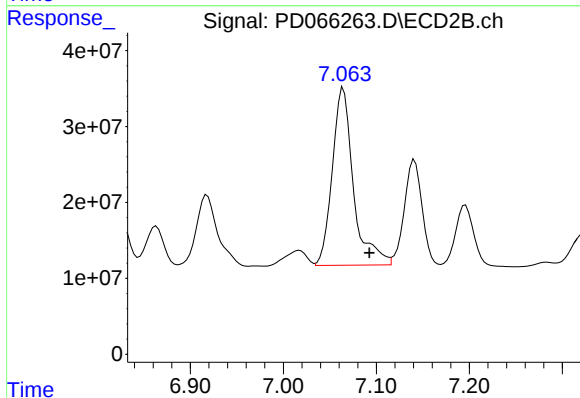
R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 291811309  
Conc: 38.73 ng/ml



#17 4,4'-DDT

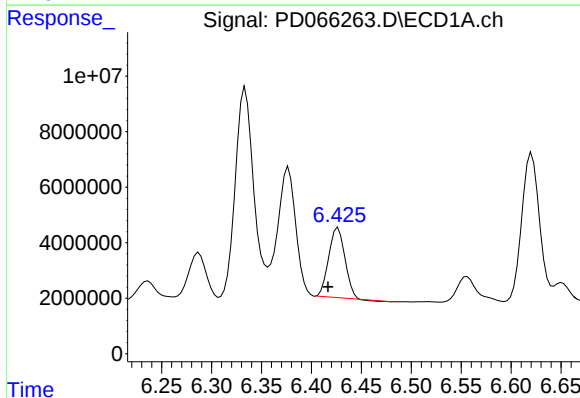
R.T.: 6.334 min  
Delta R.T.: -0.006 min  
Response: 80149715  
Conc: 45.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



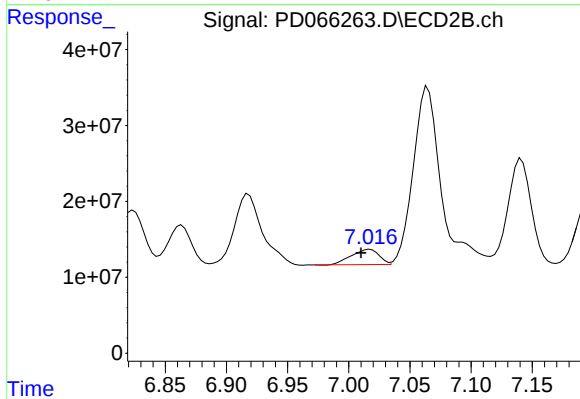
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: -0.028 min  
Response: 370026389  
Conc: 48.74 ng/ml



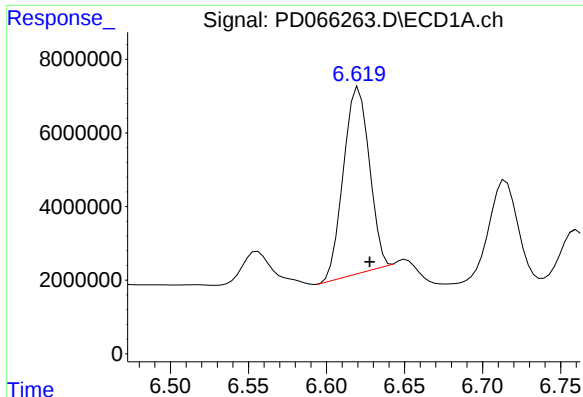
#18 Endrin aldehyde

R.T.: 6.427 min  
Delta R.T.: 0.010 min  
Response: 28105355  
Conc: 17.67 ng/ml



#18 Endrin aldehyde

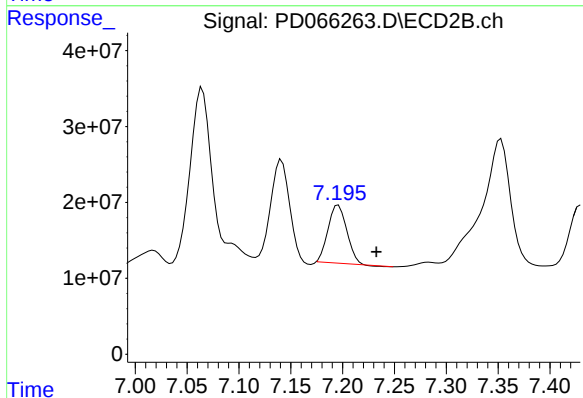
R.T.: 7.017 min  
Delta R.T.: 0.007 min  
Response: 31344638  
Conc: 5.38 ng/ml



#19 Endosulfan Sulfate

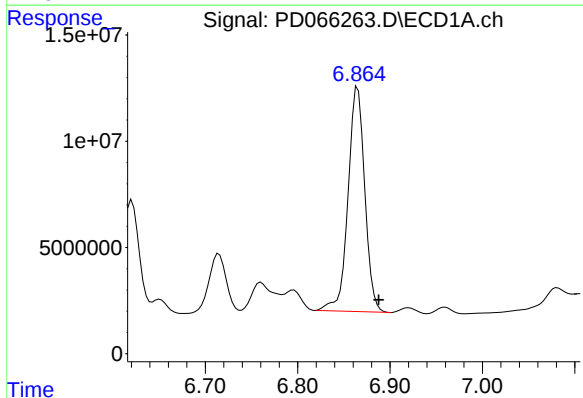
R.T.: 6.621 min  
Delta R.T.: -0.007 min  
Response: 58330926  
Conc: 28.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



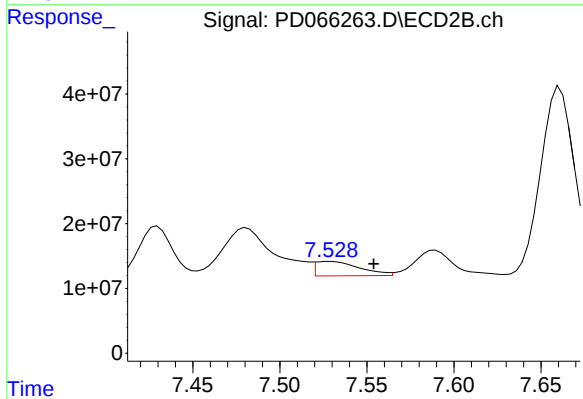
#19 Endosulfan Sulfate

R.T.: 7.196 min  
Delta R.T.: -0.037 min  
Response: 95996879  
Conc: 12.64 ng/ml



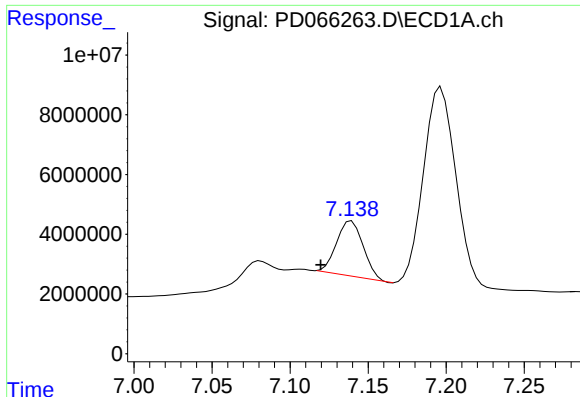
#20 Methoxychlor

R.T.: 6.865 min  
Delta R.T.: -0.023 min  
Response: 133052911  
Conc: 128.84 ng/ml



#20 Methoxychlor

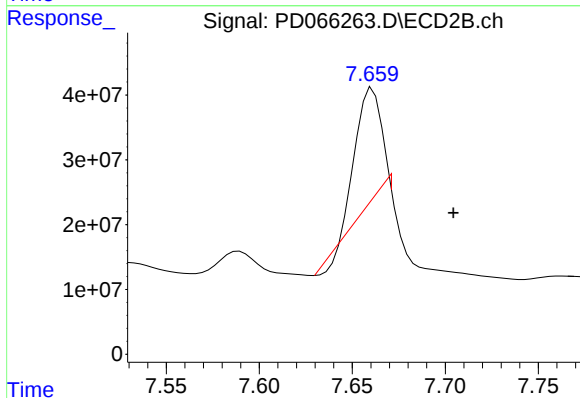
R.T.: 7.529 min  
Delta R.T.: -0.025 min  
Response: 39068860  
Conc: 11.53 ng/ml



#21 Endrin ketone

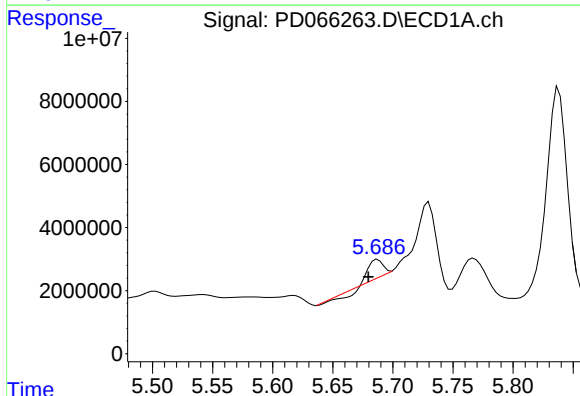
R.T.: 7.139 min  
Delta R.T.: 0.020 min  
Response: 22016621  
Conc: 8.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



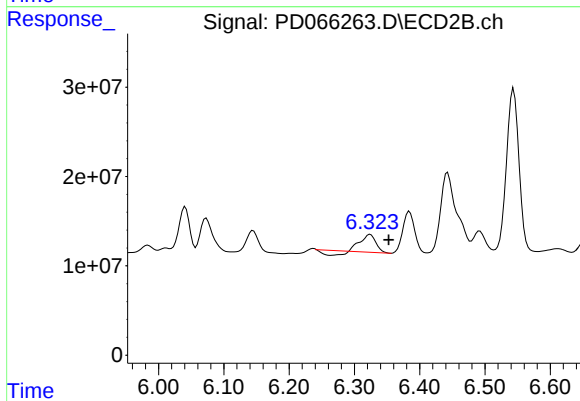
#21 Endrin ketone

R.T.: 7.661 min  
Delta R.T.: -0.044 min  
Response: 157216831  
Conc: 19.72 ng/ml



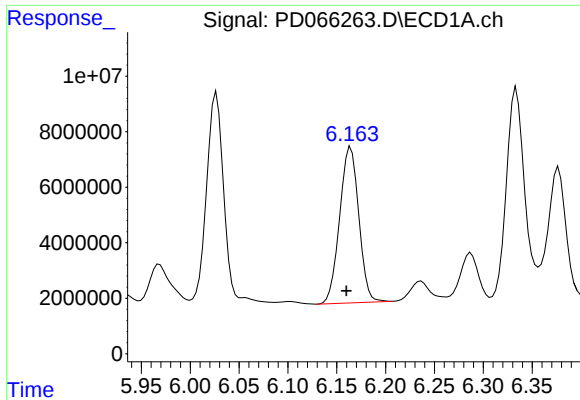
#22 Toxaphene-1

R.T.: 5.687 min  
Delta R.T.: 0.008 min  
Response: 2487531  
Conc: 154.47 ng/ml



#22 Toxaphene-1

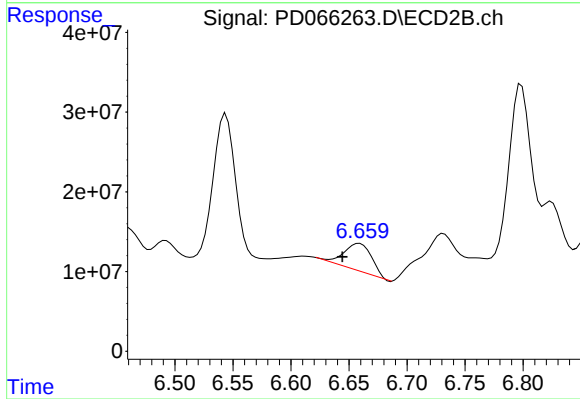
R.T.: 6.324 min  
Delta R.T.: -0.028 min  
Response: 23754214  
Conc: 495.33 ng/ml



#23 Toxaphene-2

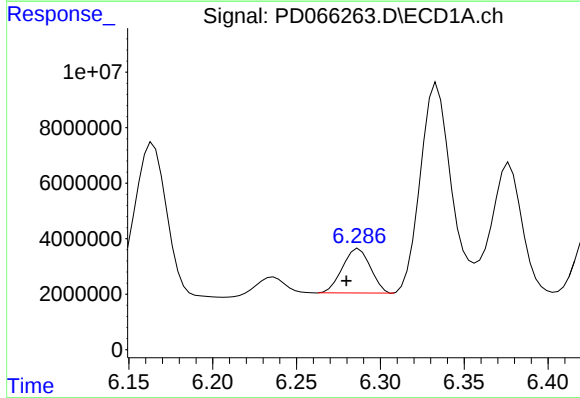
R.T.: 6.164 min  
Delta R.T.: 0.004 min  
Response: 76586431  
Conc: 4711.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



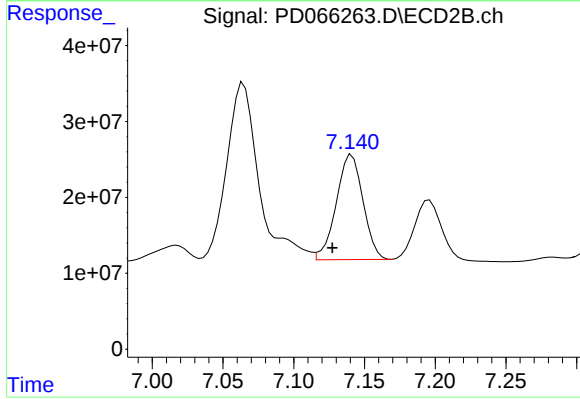
#23 Toxaphene-2

R.T.: 6.659 min  
Delta R.T.: 0.015 min  
Response: 57207287  
Conc: 1181.43 ng/ml



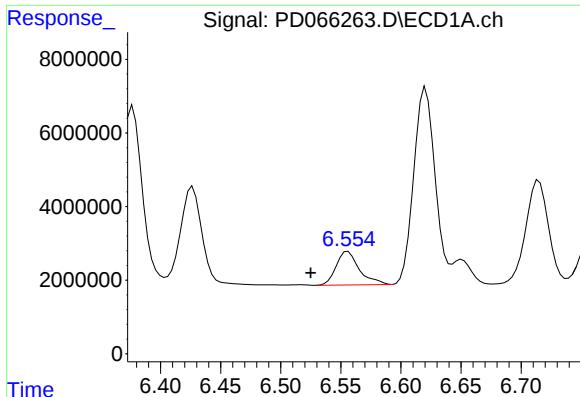
#24 Toxaphene-3

R.T.: 6.287 min  
Delta R.T.: 0.008 min  
Response: 18473759  
Conc: 468.19 ng/ml



#24 Toxaphene-3

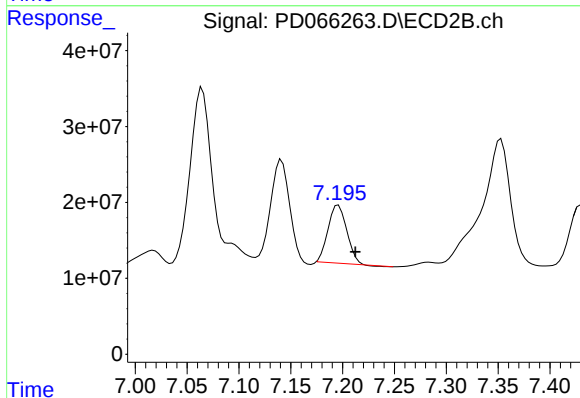
R.T.: 7.141 min  
Delta R.T.: 0.014 min  
Response: 182245739  
Conc: 1461.48 ng/ml



#25 Toxaphene-4

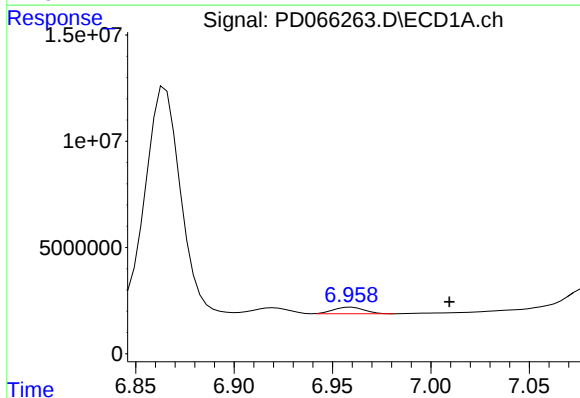
R.T.: 6.556 min  
Delta R.T.: 0.031 min  
Response: 12286262  
Conc: 309.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



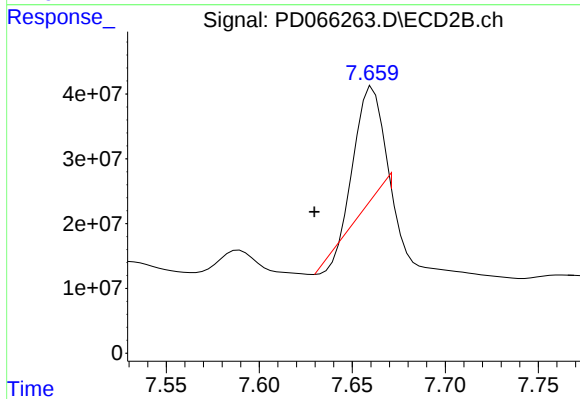
#25 Toxaphene-4

R.T.: 7.196 min  
Delta R.T.: -0.016 min  
Response: 95996879  
Conc: 778.85 ng/ml



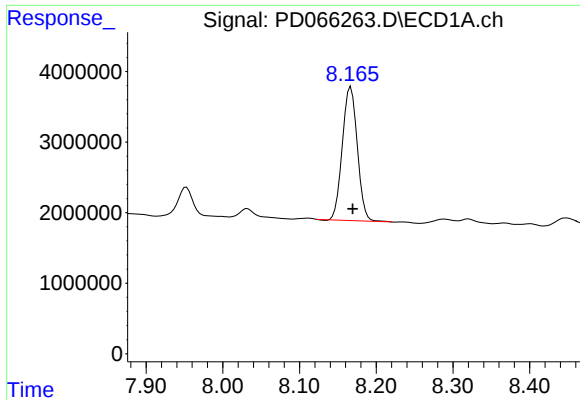
#26 Toxaphene-5

R.T.: 6.960 min  
Delta R.T.: -0.050 min  
Response: 3324468  
Conc: 77.80 ng/ml



#26 Toxaphene-5

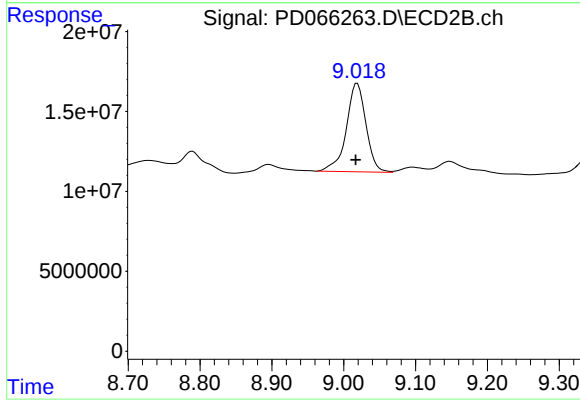
R.T.: 7.661 min  
Delta R.T.: 0.031 min  
Response: 157216831  
Conc: 1747.94 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.167 min  
Delta R.T.: -0.002 min  
Response: 25718586  
Conc: 12.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.019 min  
Delta R.T.: 0.002 min  
Response: 104790458  
Conc: 21.60 ng/ml