

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070323\  
 Data File : PD076291.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jul 2023 12:32  
 Operator : AR\AJ  
 Sample : 03486-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 03 21:41:17 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.546  | 2.767 | 36239076 | 17211516 | 17.013   | 15.864     |
| 28)                         | SA Decachlor... | 9.091  | 7.912 | 36264058 | 15149037 | 14.315   | 15.493     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.003  | 3.269 | 262.8E6  | 113.8E6  | 71.169   | 71.109     |
| 3)                          | MA gamma-BHC... | 4.337  | 3.599 | 238.8E6  | 104.5E6  | 70.959   | 70.952     |
| 4)                          | MA Heptachlor   | 4.928  | 3.938 | 247.1E6  | 105.1E6  | 68.901   | 69.203     |
| 5)                          | MB Aldrin       | 5.271  | 4.219 | 242.7E6  | 104.3E6  | 69.272   | 69.913     |
| 6)                          | B beta-BHC      | 4.533  | 3.896 | 95728935 | 43167010 | 66.584   | 67.723     |
| 7)                          | B delta-BHC     | 4.782  | 4.125 | 236.1E6  | 103.5E6  | 71.043   | 71.401     |
| 8)                          | B Heptachlo...  | 5.699  | 4.721 | 205.2E6  | 93388451 | 63.680   | 67.986     |
| 9)                          | A Endosulfan I  | 6.086  | 5.092 | 201.6E6  | 87766900 | 67.199   | 68.664     |
| 10)                         | B gamma-Chl...  | 5.956  | 4.972 | 219.5E6  | 95188846 | 68.143   | 69.374     |
| 11)                         | B alpha-Chl...  | 6.035  | 5.036 | 215.8E6  | 93475955 | 66.746   | 68.143     |
| 12)                         | B 4,4'-DDE      | 6.208  | 5.225 | 202.8E6  | 87447458 | 70.967   | 78.346     |
| 13)                         | MA Dieldrin     | 6.362  | 5.357 | 213.5E6  | 93622912 | 68.320   | 69.393     |
| 14)                         | MA Endrin       | 6.593  | 5.633 | 176.3E6  | 81717283 | 65.922   | 67.147     |
| 15)                         | B Endosulfa...  | 6.812  | 5.927 | 168.0E6  | 75627828 | 65.029   | 70.100     |
| 16)                         | A 4,4'-DDD      | 6.726  | 5.780 | 166.9E6  | 72035639 | 73.331   | 81.741     |
| 17)                         | MA 4,4'-DDT     | 7.041  | 6.032 | 165.1E6  | 68766550 | 72.735   | 84.657     |
| 18)                         | B Endrin al...  | 6.943  | 6.106 | 115.3E6  | 60071284 | 57.453   | 69.407     |
| 19)                         | B Endosulfa...  | 7.178  | 6.329 | 167.6E6  | 76816624 | 66.532   | 71.086     |
| 20)                         | A Methoxychlor  | 7.517  | 6.607 | 85491488 | 35599611 | 66.048   | 76.915     |
| 21)                         | B Endrin ke...  | 7.665  | 6.837 | 192.0E6  | 88186068 | 68.925   | 72.584     |
| 22)                         | Mirex           | 8.140  | 7.018 | 136.5E6  | 66917502 | 63.706   | 63.839     |
| 23)                         | Chlordane-1     | 0.000  | 3.778 | 0        | 857335   | N.D.     | 18.731 #   |
| 24)                         | Chlordane-2     | 5.271f | 0.000 | 242.7E6  | 0        | 1844.445 | N.D. #     |
| 25)                         | Chlordane-3     | 5.956  | 4.972 | 219.5E6  | 95188846 | 422.694  | 641.179 #  |
| 26)                         | Chlordane-4     | 6.035  | 5.036 | 215.8E6  | 93475955 | 342.389  | 636.939 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.927 | 0        | 75627828 | N.D.     | 1563.610 # |
| -----                       |                 |        |       |          |          |          |            |

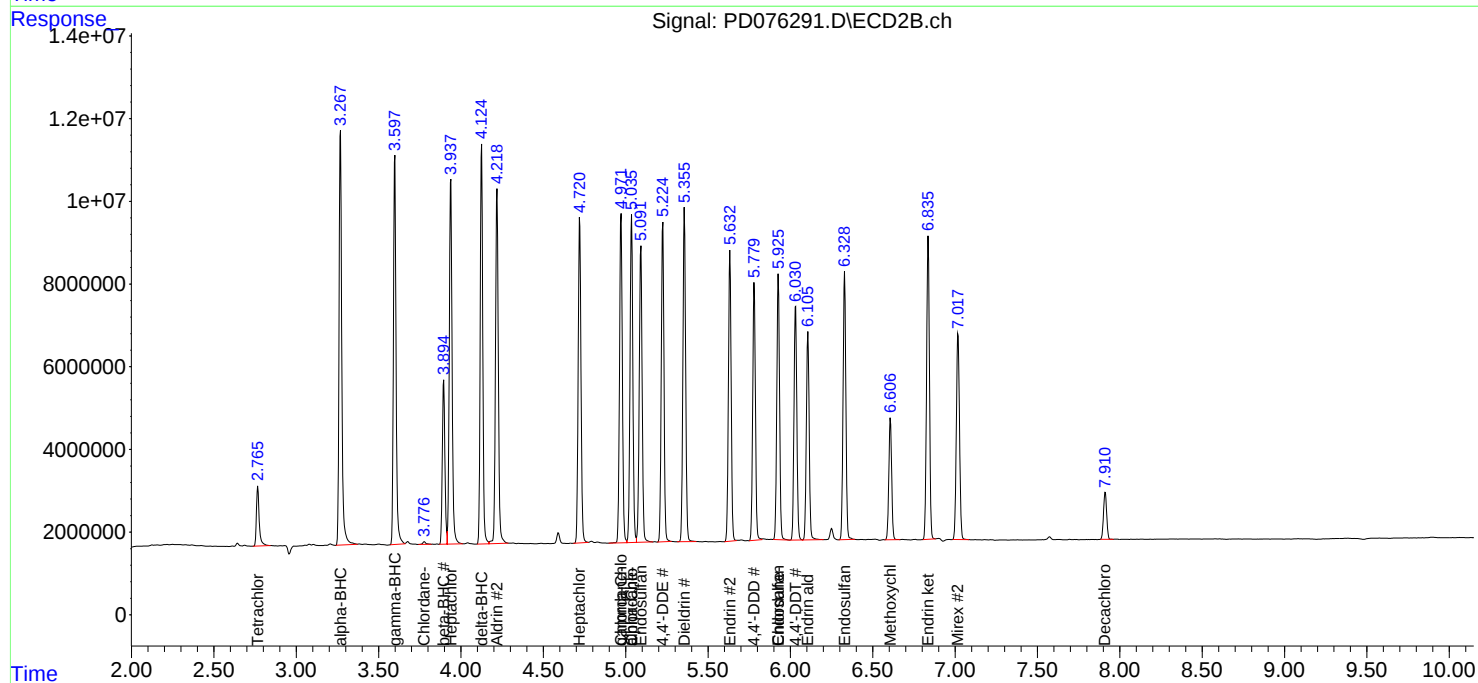
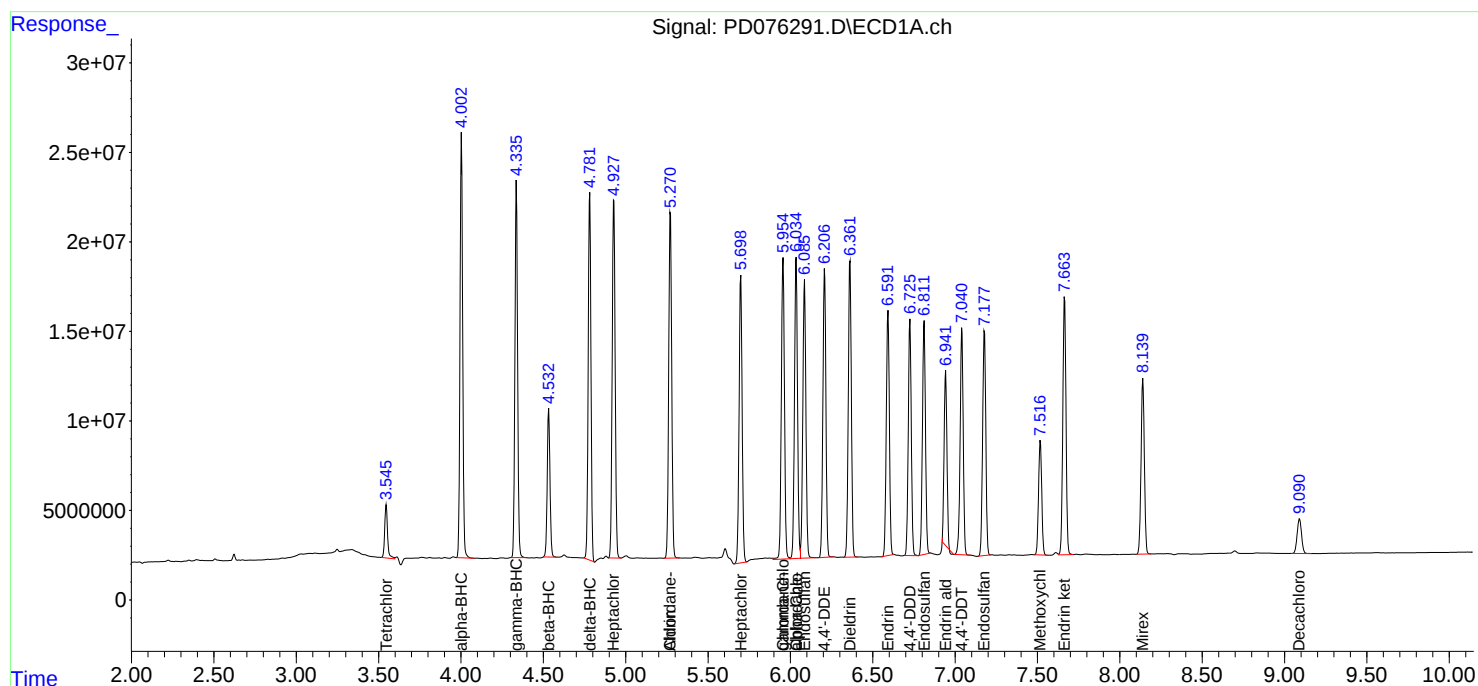
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

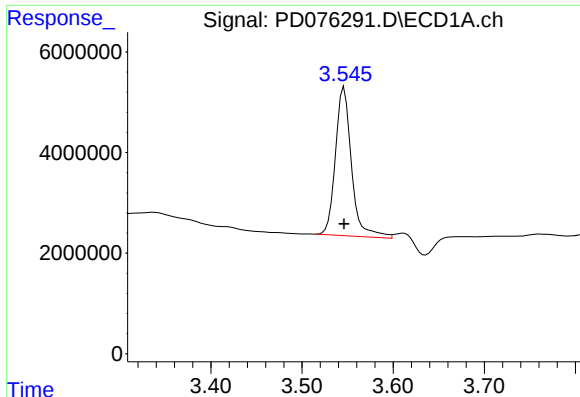
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070323\  
Data File : PD076291.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2023 12:32  
Operator : AR\AJ  
Sample : 03486-01MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 03 21:41:17 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

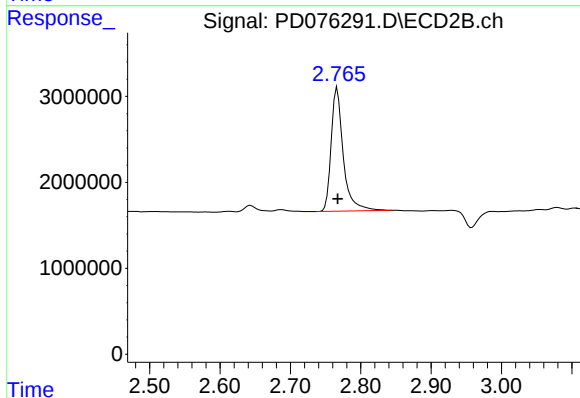




#1 Tetrachloro-m-xylene

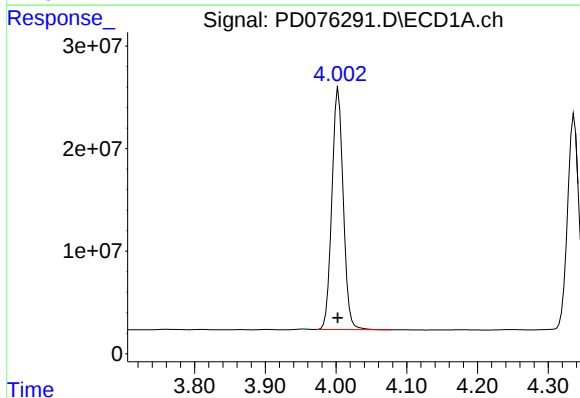
R.T.: 3.546 min  
Delta R.T.: 0.000 min  
Response: 36239076  
Conc: 17.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



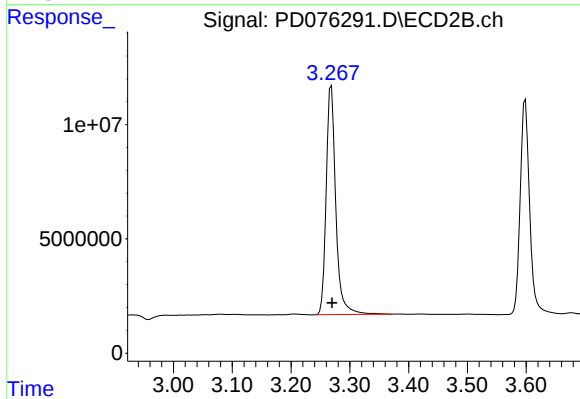
#1 Tetrachloro-m-xylene

R.T.: 2.767 min  
Delta R.T.: 0.000 min  
Response: 17211516  
Conc: 15.86 ng/ml



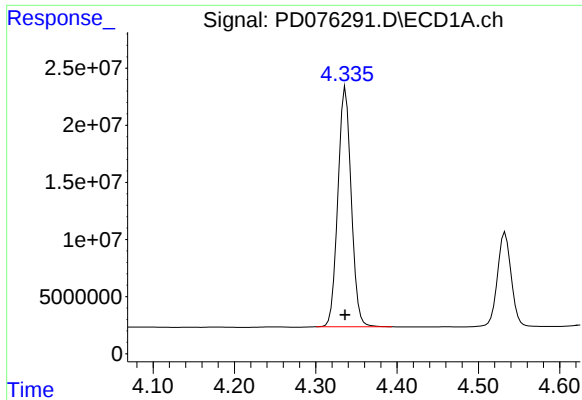
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: 0.000 min  
Response: 262763240  
Conc: 71.17 ng/ml



#2 alpha-BHC

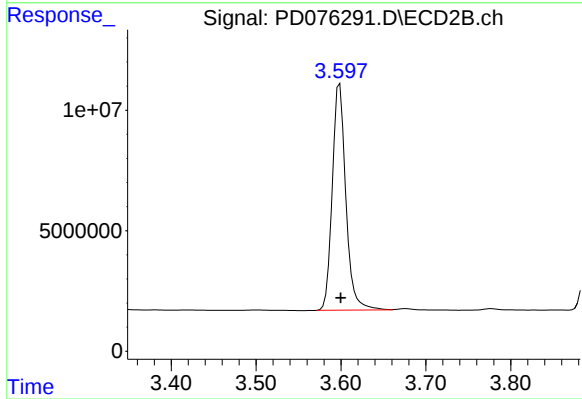
R.T.: 3.269 min  
Delta R.T.: -0.001 min  
Response: 113756888  
Conc: 71.11 ng/ml



#3 gamma-BHC (Lindane)

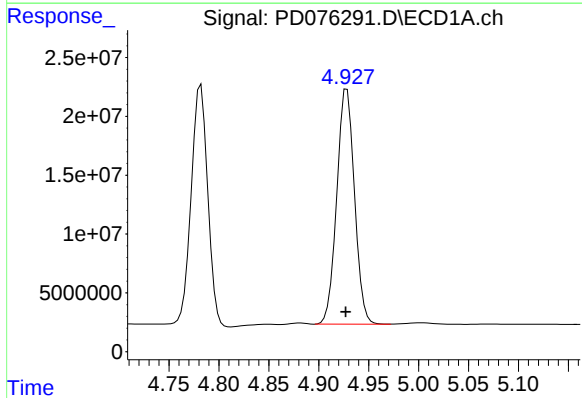
R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 238768910  
Conc: 70.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



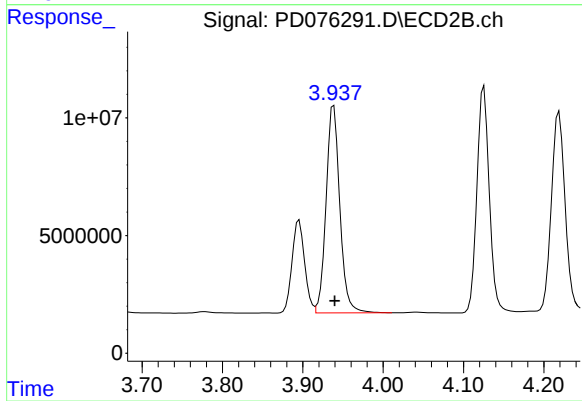
#3 gamma-BHC (Lindane)

R.T.: 3.599 min  
Delta R.T.: 0.000 min  
Response: 104542296  
Conc: 70.95 ng/ml



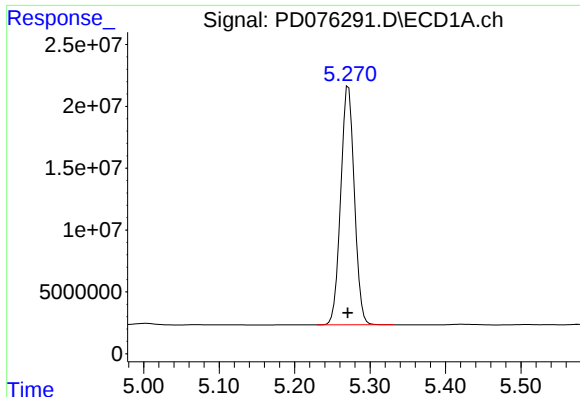
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.001 min  
Response: 247121491  
Conc: 68.90 ng/ml



#4 Heptachlor

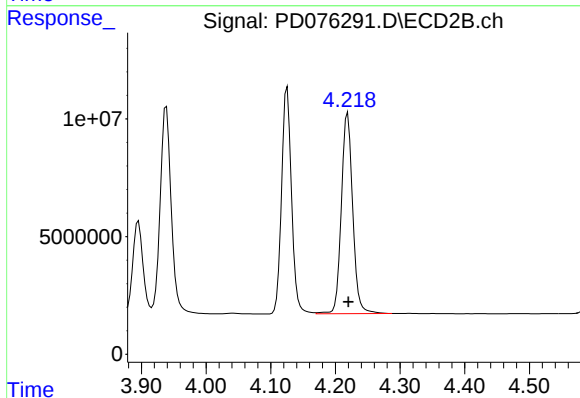
R.T.: 3.938 min  
Delta R.T.: -0.002 min  
Response: 105108500  
Conc: 69.20 ng/ml



#5 Aldrin

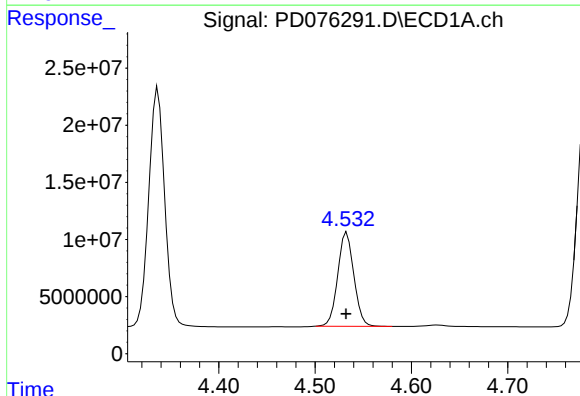
R.T.: 5.271 min  
Delta R.T.: 0.000 min  
Response: 242744412  
Conc: 69.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



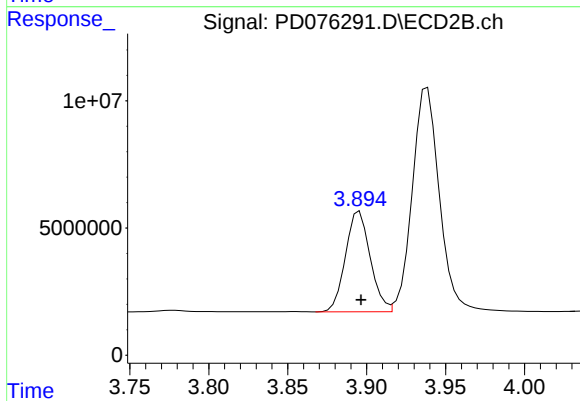
#5 Aldrin

R.T.: 4.219 min  
Delta R.T.: -0.001 min  
Response: 104253752  
Conc: 69.91 ng/ml



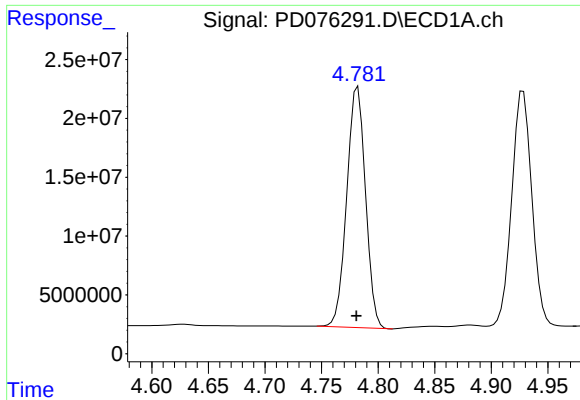
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.000 min  
Response: 95728935  
Conc: 66.58 ng/ml



#6 beta-BHC

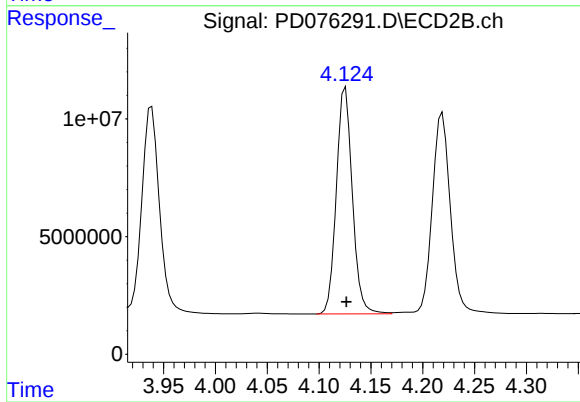
R.T.: 3.896 min  
Delta R.T.: 0.000 min  
Response: 43167010  
Conc: 67.72 ng/ml



#7 delta-BHC

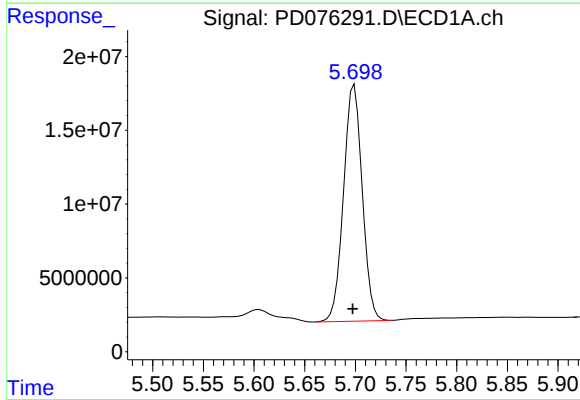
R.T.: 4.782 min  
Delta R.T.: 0.001 min  
Response: 236122086  
Conc: 71.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



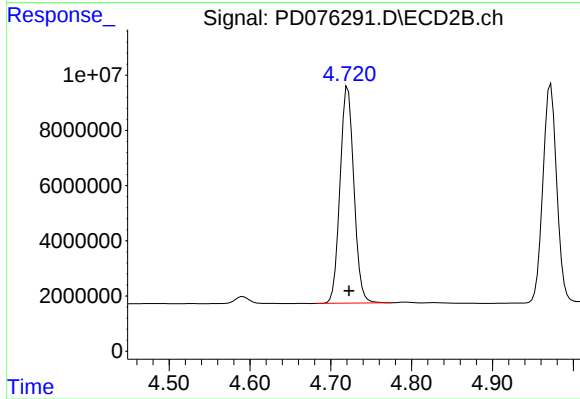
#7 delta-BHC

R.T.: 4.125 min  
Delta R.T.: -0.001 min  
Response: 103458466  
Conc: 71.40 ng/ml



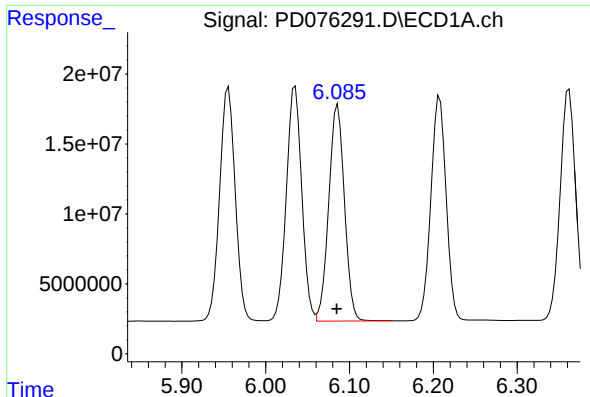
#8 Heptachlor epoxide

R.T.: 5.699 min  
Delta R.T.: 0.002 min  
Response: 205196978  
Conc: 63.68 ng/ml



#8 Heptachlor epoxide

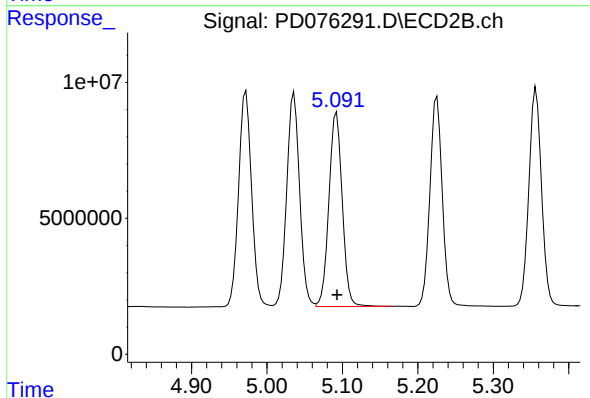
R.T.: 4.721 min  
Delta R.T.: -0.001 min  
Response: 93388451  
Conc: 67.99 ng/ml



#9 Endosulfan I

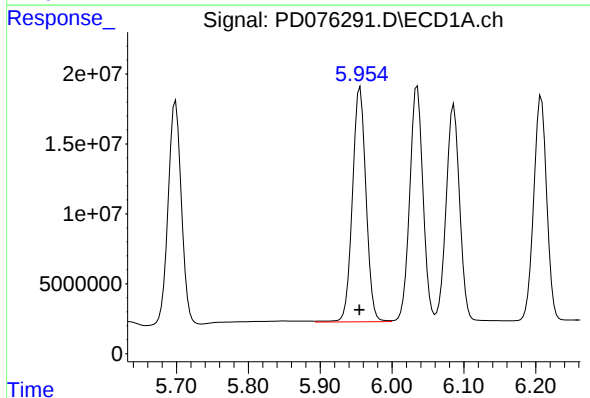
R.T.: 6.086 min  
Delta R.T.: 0.001 min  
Response: 201561858  
Conc: 67.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



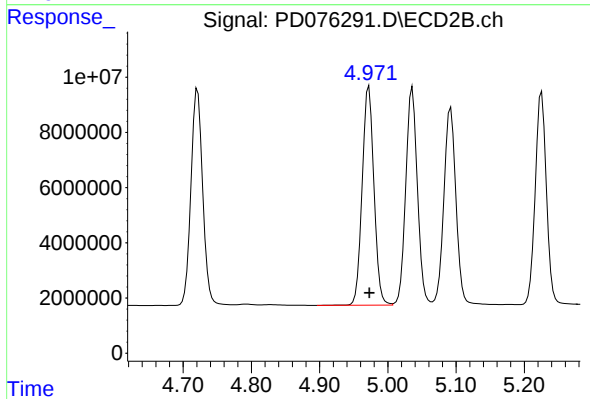
#9 Endosulfan I

R.T.: 5.092 min  
Delta R.T.: 0.000 min  
Response: 87766900  
Conc: 68.66 ng/ml



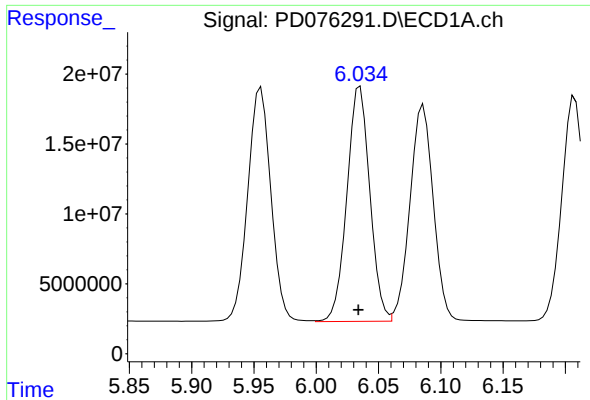
#10 gamma-Chlordane

R.T.: 5.956 min  
Delta R.T.: 0.001 min  
Response: 219509607  
Conc: 68.14 ng/ml



#10 gamma-Chlordane

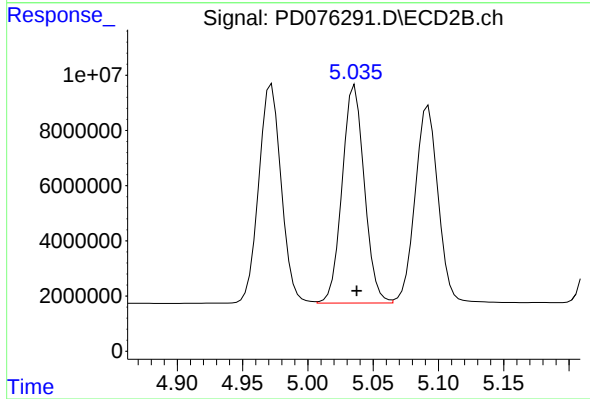
R.T.: 4.972 min  
Delta R.T.: 0.000 min  
Response: 95188846  
Conc: 69.37 ng/ml



#11 alpha-Chlordane

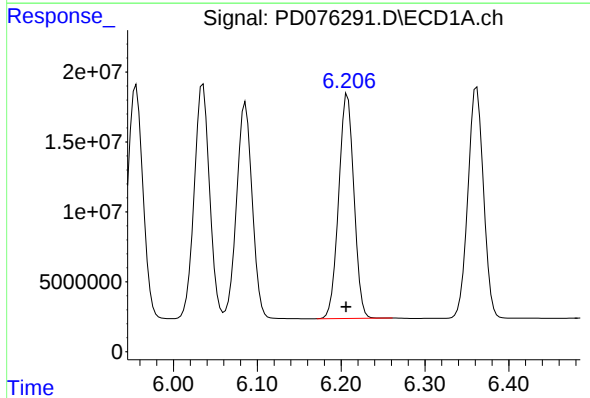
R.T.: 6.035 min  
Delta R.T.: 0.001 min  
Response: 215781173  
Conc: 66.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



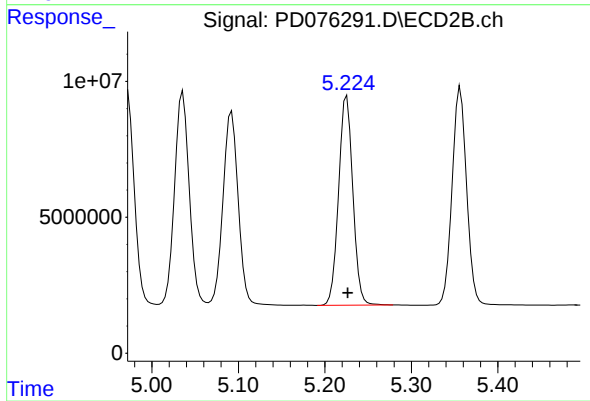
#11 alpha-Chlordane

R.T.: 5.036 min  
Delta R.T.: -0.002 min  
Response: 93475955  
Conc: 68.14 ng/ml



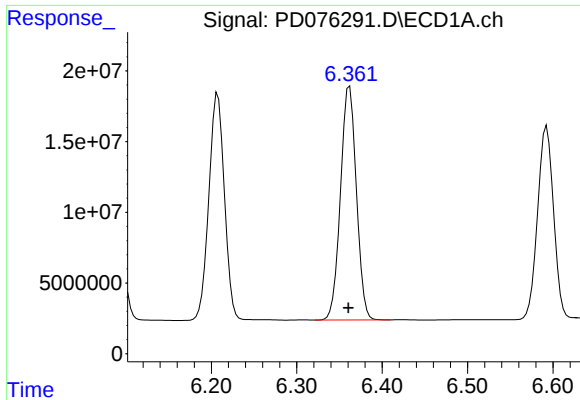
#12 4,4'-DDE

R.T.: 6.208 min  
Delta R.T.: 0.002 min  
Response: 202834962  
Conc: 70.97 ng/ml



#12 4,4'-DDE

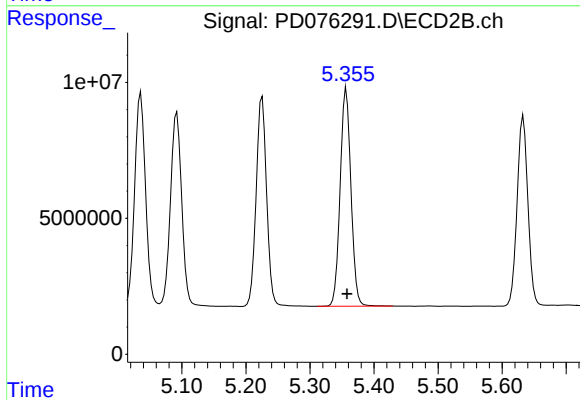
R.T.: 5.225 min  
Delta R.T.: -0.001 min  
Response: 87447458  
Conc: 78.35 ng/ml



#13 Dieldrin

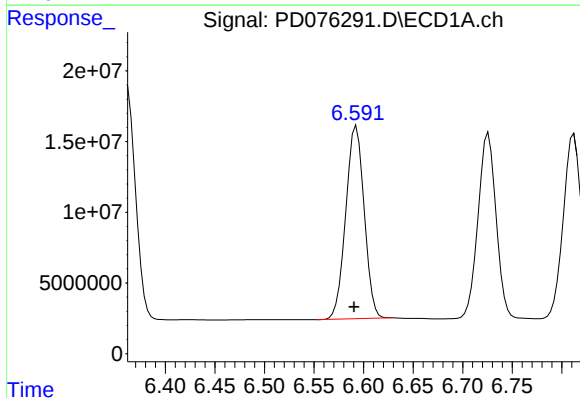
R.T.: 6.362 min  
Delta R.T.: 0.001 min  
Response: 213499109  
Conc: 68.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



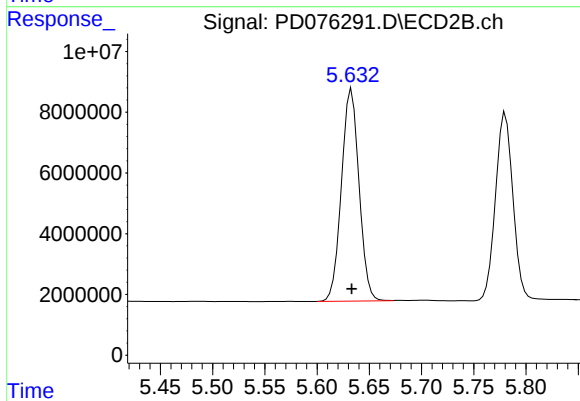
#13 Dieldrin

R.T.: 5.357 min  
Delta R.T.: -0.001 min  
Response: 93622912  
Conc: 69.39 ng/ml



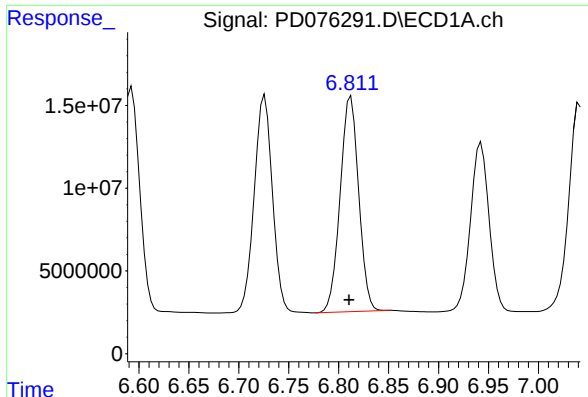
#14 Endrin

R.T.: 6.593 min  
Delta R.T.: 0.002 min  
Response: 176298754  
Conc: 65.92 ng/ml



#14 Endrin

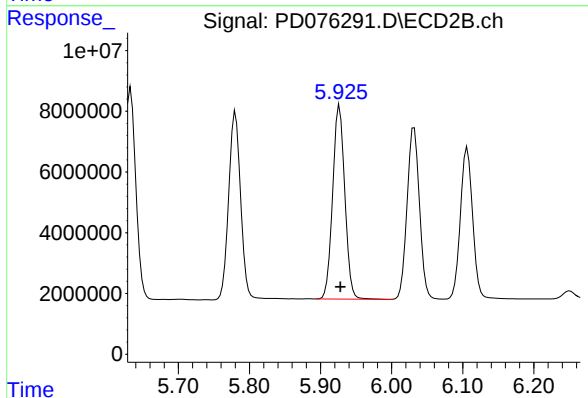
R.T.: 5.633 min  
Delta R.T.: 0.000 min  
Response: 81717283  
Conc: 67.15 ng/ml



#15 Endosulfan II

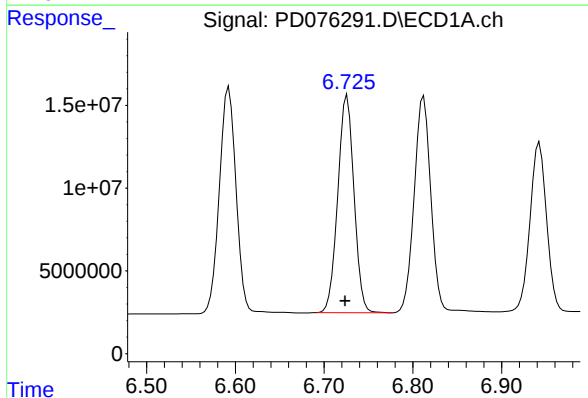
R.T.: 6.812 min  
Delta R.T.: 0.002 min  
Response: 168011608  
Conc: 65.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



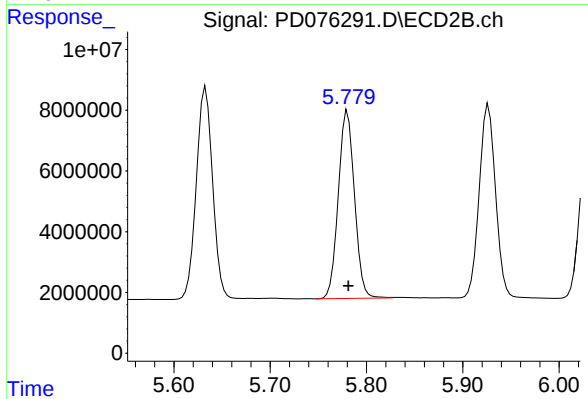
#15 Endosulfan II

R.T.: 5.927 min  
Delta R.T.: -0.001 min  
Response: 75627828  
Conc: 70.10 ng/ml



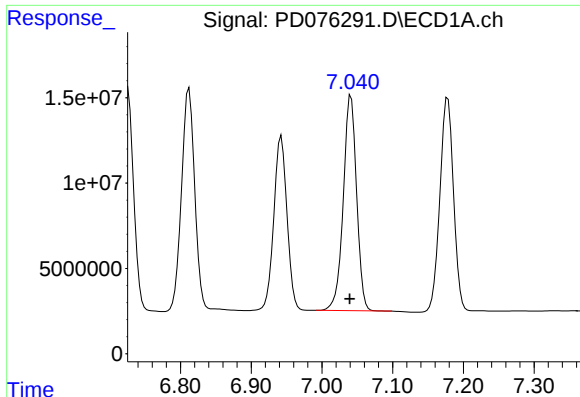
#16 4,4'-DDD

R.T.: 6.726 min  
Delta R.T.: 0.002 min  
Response: 166873813  
Conc: 73.33 ng/ml



#16 4,4'-DDD

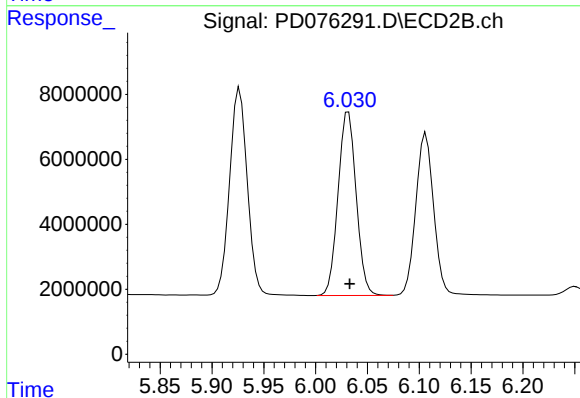
R.T.: 5.780 min  
Delta R.T.: 0.000 min  
Response: 72035639  
Conc: 81.74 ng/ml



#17 4,4'-DDT

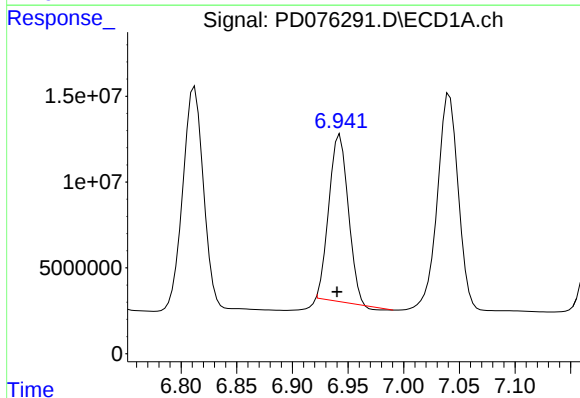
R.T.: 7.041 min  
Delta R.T.: 0.002 min  
Response: 165055765  
Conc: 72.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



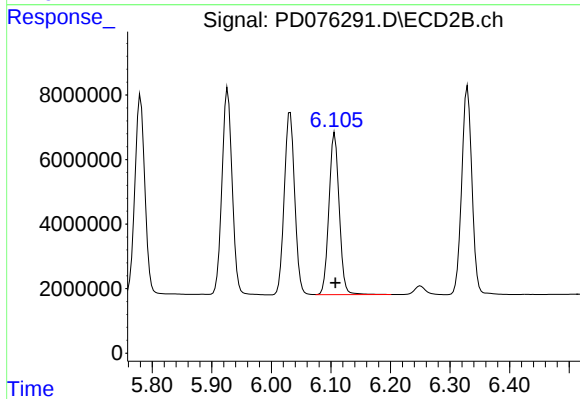
#17 4,4'-DDT

R.T.: 6.032 min  
Delta R.T.: -0.001 min  
Response: 68766550  
Conc: 84.66 ng/ml



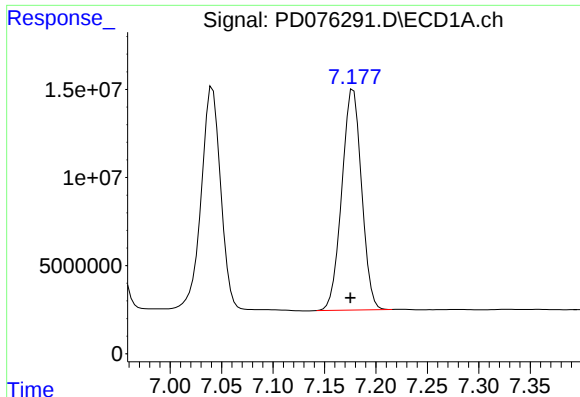
#18 Endrin aldehyde

R.T.: 6.943 min  
Delta R.T.: 0.002 min  
Response: 115284629  
Conc: 57.45 ng/ml



#18 Endrin aldehyde

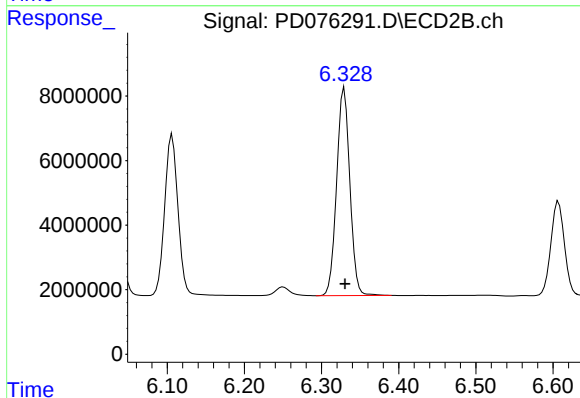
R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 60071284  
Conc: 69.41 ng/ml



#19 Endosulfan Sulfate

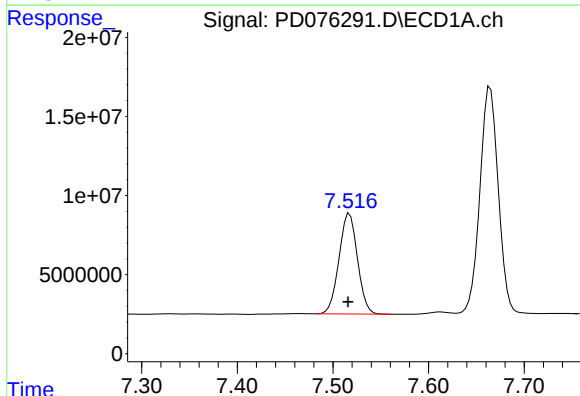
R.T.: 7.178 min  
Delta R.T.: 0.003 min  
Response: 167617625  
Conc: 66.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



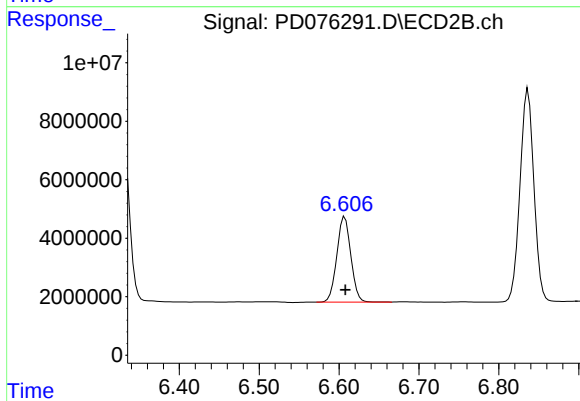
#19 Endosulfan Sulfate

R.T.: 6.329 min  
Delta R.T.: -0.001 min  
Response: 76816624  
Conc: 71.09 ng/ml



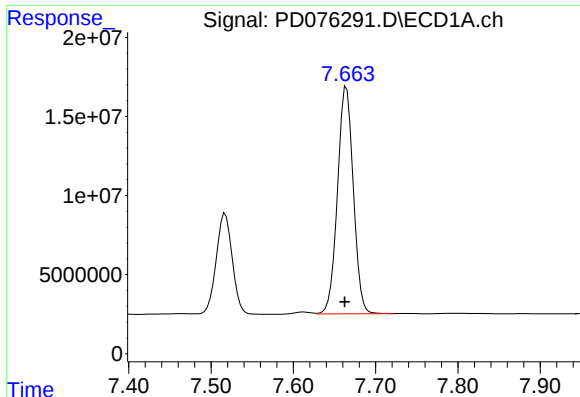
#20 Methoxychlor

R.T.: 7.517 min  
Delta R.T.: 0.002 min  
Response: 85491488  
Conc: 66.05 ng/ml



#20 Methoxychlor

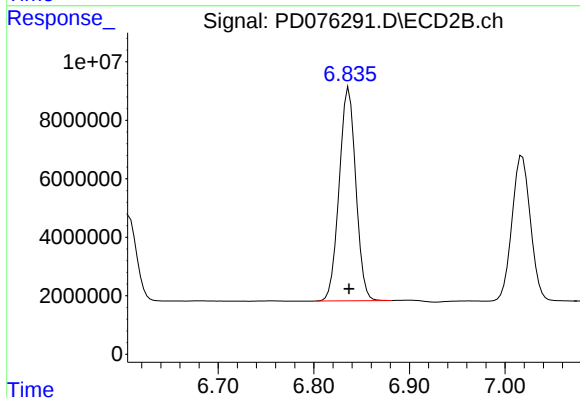
R.T.: 6.607 min  
Delta R.T.: 0.000 min  
Response: 35599611  
Conc: 76.92 ng/ml



#21 Endrin ketone

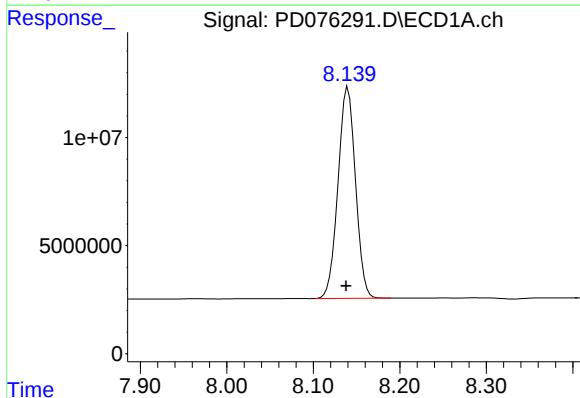
R.T.: 7.665 min  
Delta R.T.: 0.002 min  
Response: 192021569  
Conc: 68.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



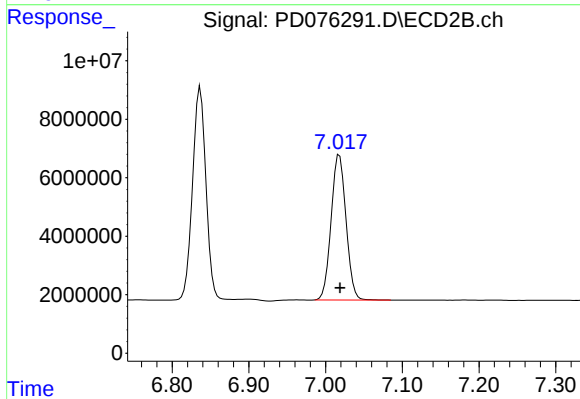
#21 Endrin ketone

R.T.: 6.837 min  
Delta R.T.: 0.000 min  
Response: 88186068  
Conc: 72.58 ng/ml



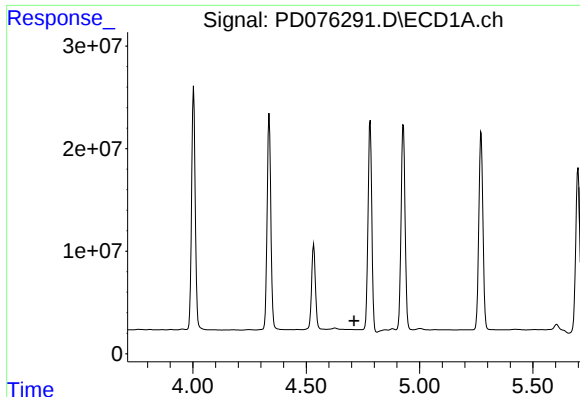
#22 Mirex

R.T.: 8.140 min  
Delta R.T.: 0.002 min  
Response: 136492631  
Conc: 63.71 ng/ml



#22 Mirex

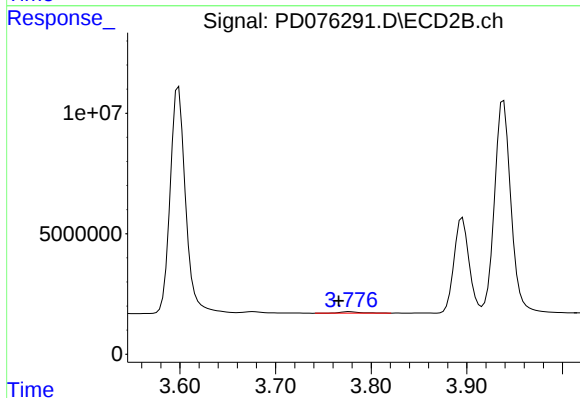
R.T.: 7.018 min  
Delta R.T.: -0.001 min  
Response: 66917502  
Conc: 63.84 ng/ml



#23 Chlordane-1

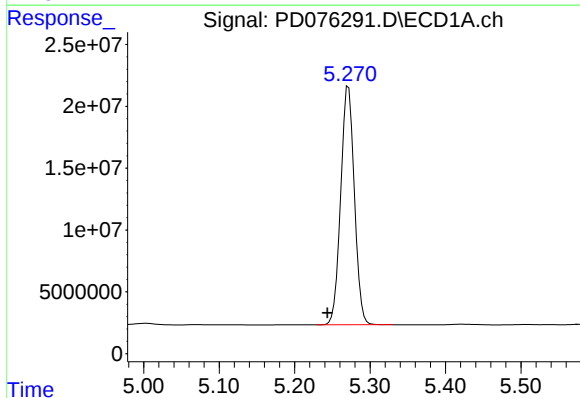
R.T.: 0.000 min  
Exp R.T.: 4.711 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



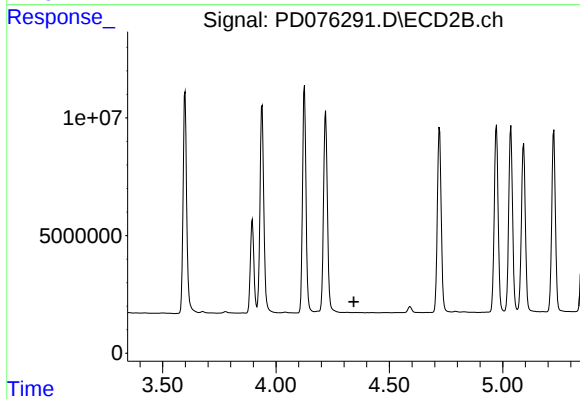
#23 Chlordane-1

R.T.: 3.778 min  
Delta R.T.: 0.011 min  
Response: 857335  
Conc: 18.73 ng/ml



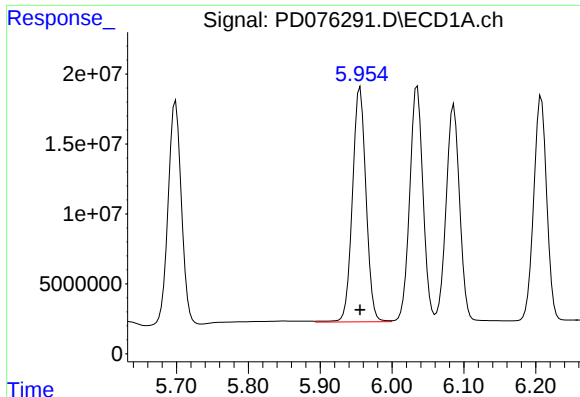
#24 Chlordane-2

R.T.: 5.271 min  
Delta R.T.: 0.028 min  
Response: 242744412  
Conc: 1844.45 ng/ml



#24 Chlordane-2

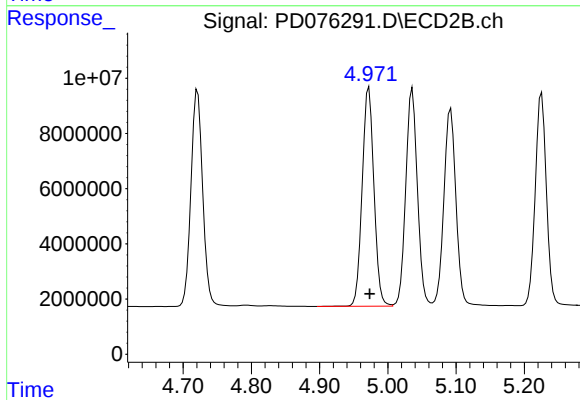
R.T.: 0.000 min  
Exp R.T.: 4.343 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

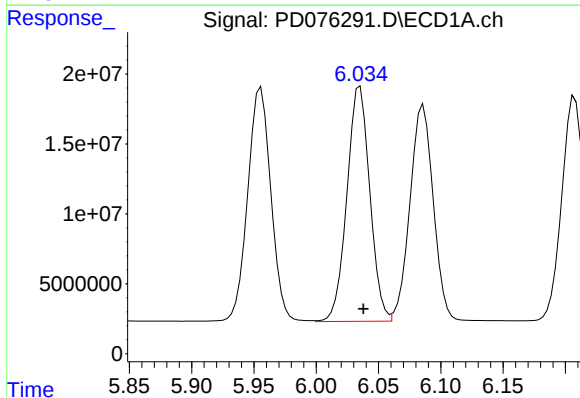
R.T.: 5.956 min  
Delta R.T.: 0.000 min  
Response: 219509607  
Conc: 422.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



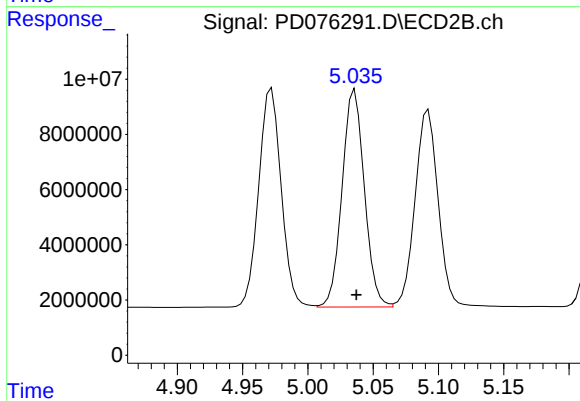
#25 Chlordane-3

R.T.: 4.972 min  
Delta R.T.: -0.001 min  
Response: 95188846  
Conc: 641.18 ng/ml



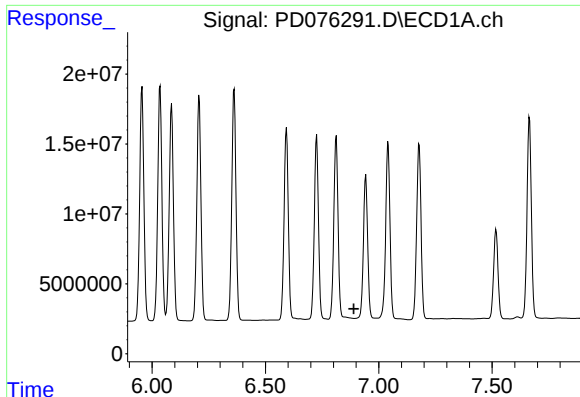
#26 Chlordane-4

R.T.: 6.035 min  
Delta R.T.: -0.003 min  
Response: 215781173  
Conc: 342.39 ng/ml



#26 Chlordane-4

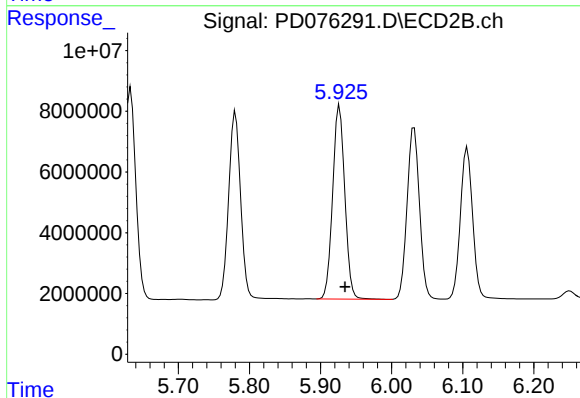
R.T.: 5.036 min  
Delta R.T.: -0.001 min  
Response: 93475955  
Conc: 636.94 ng/ml



#27 Chlordane-5

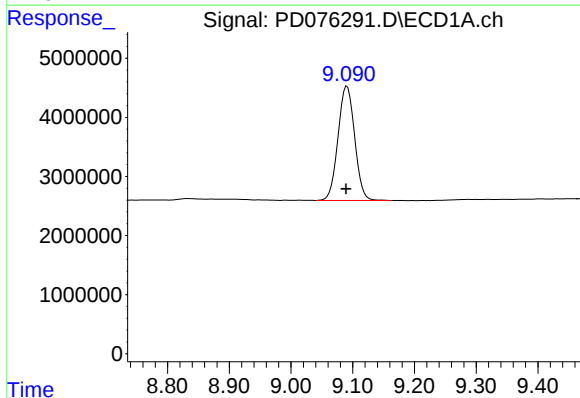
R.T.: 0.000 min  
Exp R.T.: 6.890 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



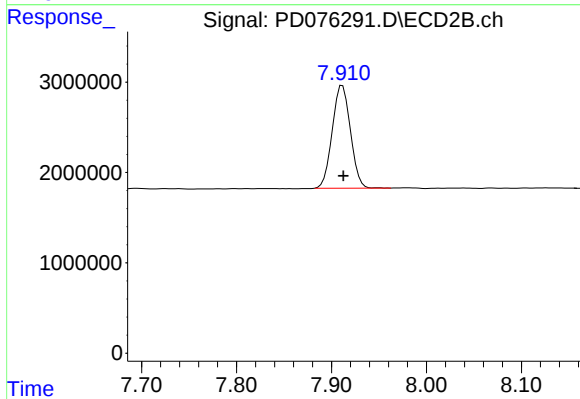
#27 Chlordane-5

R.T.: 5.927 min  
Delta R.T.: -0.008 min  
Response: 75627828  
Conc: 1563.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.091 min  
Delta R.T.: 0.002 min  
Response: 36264058  
Conc: 14.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: -0.001 min  
Response: 15149037  
Conc: 15.49 ng/ml