

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033122\  
 Data File : PD068838.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Mar 2022 18:02  
 Operator : AR\AJ  
 Sample : N2140-02MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 30 04:51:36 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031222.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 03:30:32 2022  
 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... | 3.446  | 4.173  | 24438232 | 202.6E6 | 20.127   | 21.187     |
| 28)                         | SA Decachlor... | 8.204  | 9.367  | 27830809 | 138.8E6 | 22.029   | 24.485     |
| Target Compounds            |                 |        |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.886  | 4.568  | 102.2E6  | 748.5E6 | 56.434   | 54.388     |
| 3)                          | MA gamma-BHC... | 4.169  | 4.859  | 92720251 | 672.5E6 | 55.529   | 53.784     |
| 4)                          | MA Heptachlor   | 4.467  | 5.386  | 85054874 | 615.7E6 | 51.627   | 51.812     |
| 5)                          | MB Aldrin       | 4.714  | 5.699  | 90454250 | 640.2E6 | 56.600   | 55.768     |
| 6)                          | B beta-BHC      | 4.419  | 5.022  | 37884647 | 277.5E6 | 50.882   | 50.550     |
| 7)                          | B delta-BHC     | 4.623  | 5.247  | 94134477 | 656.7E6 | 57.602   | 54.607     |
| 8)                          | B Heptachlo...  | 5.159  | 6.087  | 82515080 | 562.2E6 | 55.176   | 53.835     |
| 9)                          | A Endosulfan I  | 5.497  | 6.449  | 76213433 | 507.6E6 | 54.467   | 54.127     |
| 10)                         | B gamma-Chl...  | 5.384  | 6.324  | 84097426 | 562.3E6 | 55.439   | 54.556     |
| 11)                         | B alpha-Chl...  | 5.443  | 6.398  | 82290762 | 543.5E6 | 55.057   | 54.591     |
| 12)                         | B 4,4'-DDE      | 5.609  | 6.548  | 77647925 | 518.3E6 | 56.758   | 55.934     |
| 13)                         | MA Dieldrin     | 5.741  | 6.708  | 83999383 | 553.2E6 | 57.528   | 56.950     |
| 14)                         | MA Endrin       | 5.999  | 6.928  | 74549354 | 450.3E6 | 56.592   | 58.199     |
| 15)                         | B Endosulfa...  | 6.272  | 7.133  | 74022261 | 450.6E6 | 59.391   | 59.609     |
| 16)                         | A 4,4'-DDD      | 6.126  | 7.038  | 66301414 | 422.2E6 | 56.224   | 57.171     |
| 17)                         | MA 4,4'-DDT     | 6.367  | 7.342  | 62830401 | 398.6E6 | 52.273   | 54.250     |
| 18)                         | B Endrin al...  | 6.442  | 7.257  | 59522426 | 366.5E6 | 59.957   | 60.564     |
| 19)                         | B Endosulfa...  | 6.655  | 7.482  | 72282466 | 424.3E6 | 56.523   | 57.687     |
| 20)                         | A Methoxychlor  | 6.917  | 7.795  | 34623504 | 199.1E6 | 49.960   | 54.628     |
| 21)                         | B Endrin ke...  | 7.148  | 7.957  | 83223804 | 446.3E6 | 56.532   | 57.600     |
| 22)                         | Mirex           | 7.332  | 8.423  | 60550356 | 312.5E6 | 51.090   | 57.017     |
| 23)                         | Chlordane-1     | 4.347f | 0.000  | 183259   | 0       | 4.318    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.699f | 0        | 640.2E6 | N.D.     | 1674.536 # |
| 25)                         | Chlordane-3     | 5.384  | 6.324  | 84097426 | 562.3E6 | 603.140  | 418.520 #  |
| 26)                         | Chlordane-4     | 5.443  | 6.398  | 82290762 | 543.5E6 | 695.312  | 349.620 #  |
| 27)                         | Chlordane-5     | 6.272  | 0.000  | 74022261 | 0       | 1481.641 | N.D. #     |
| -----                       |                 |        |        |          |         |          |            |

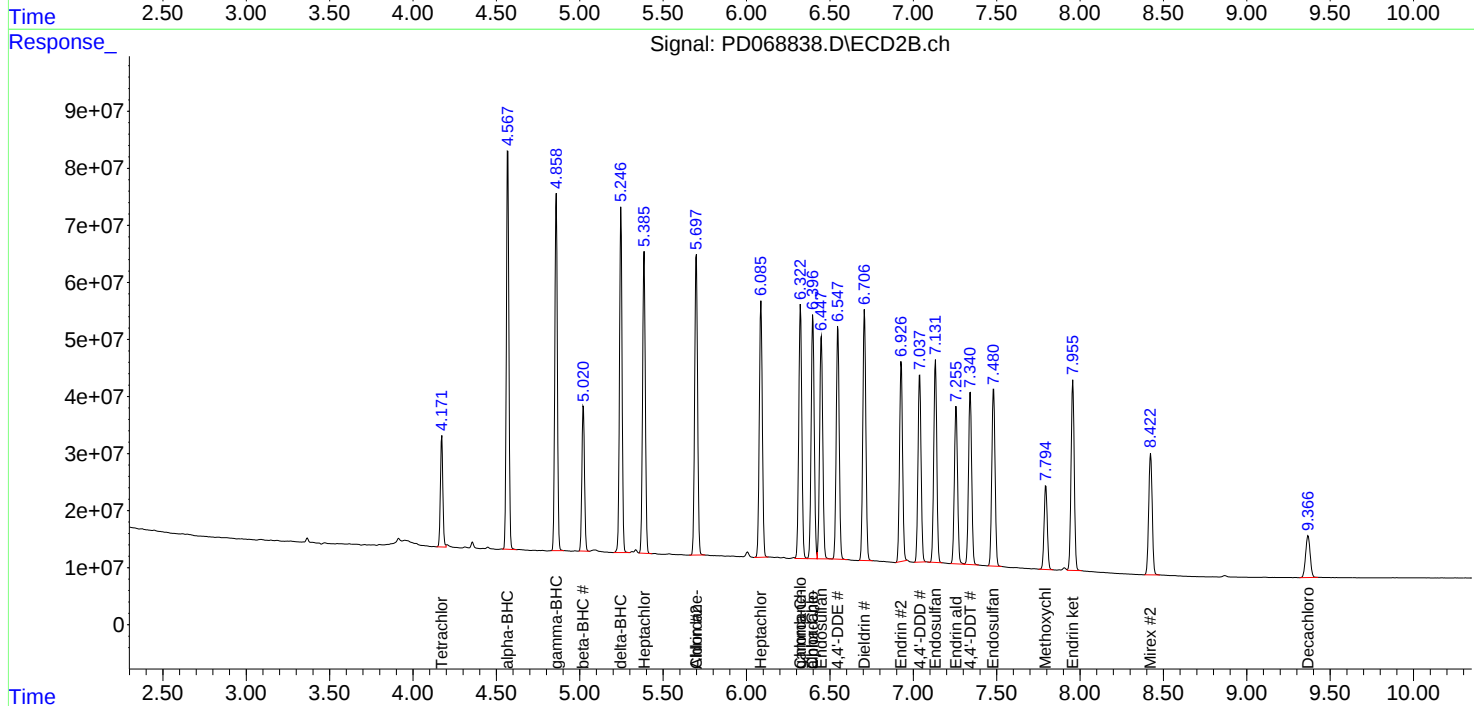
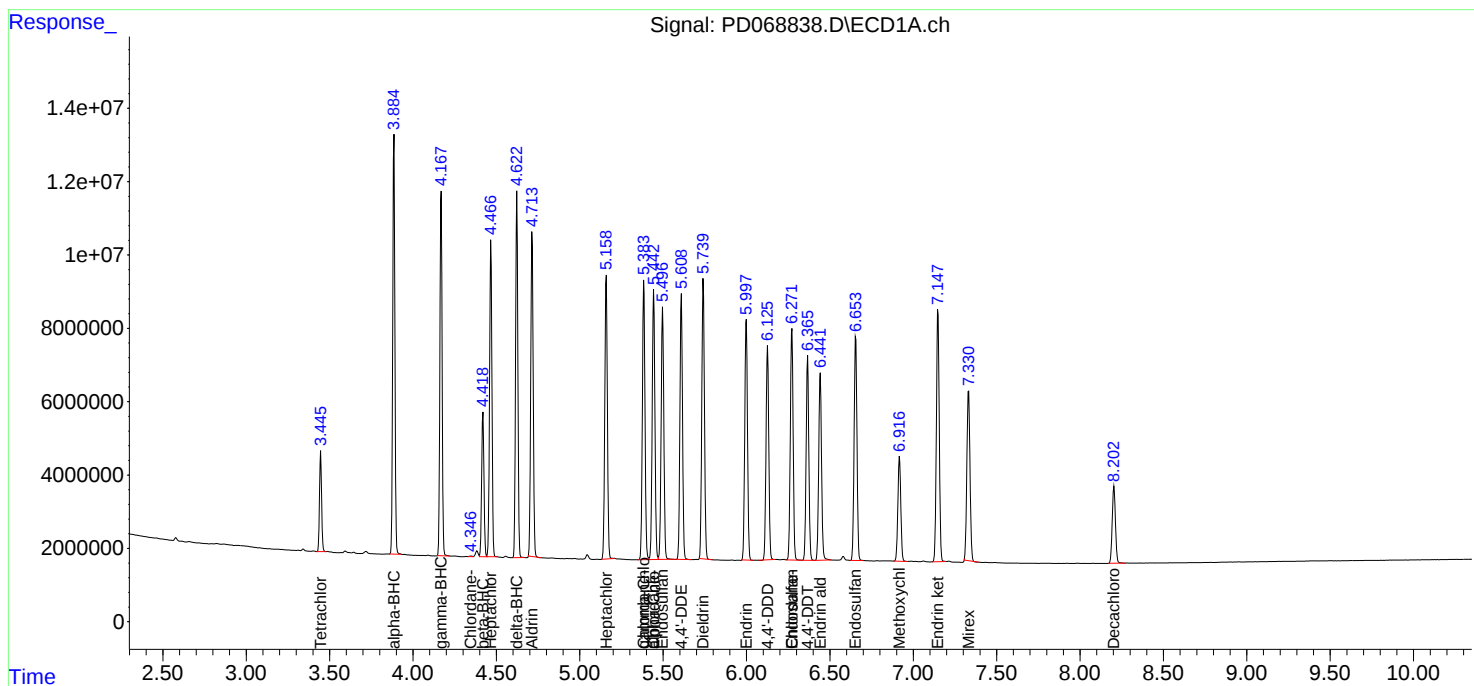
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

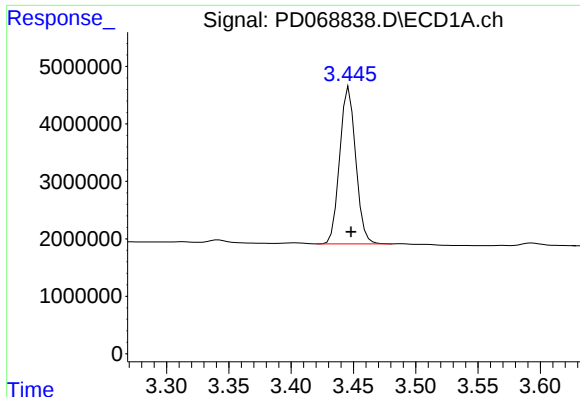
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031222\  
Data File : PD068838.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Mar 2022 18:02  
Operator : AR\AJ  
Sample : N2140-02MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 30 04:51:36 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031222.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 14 03:30:32 2022  
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

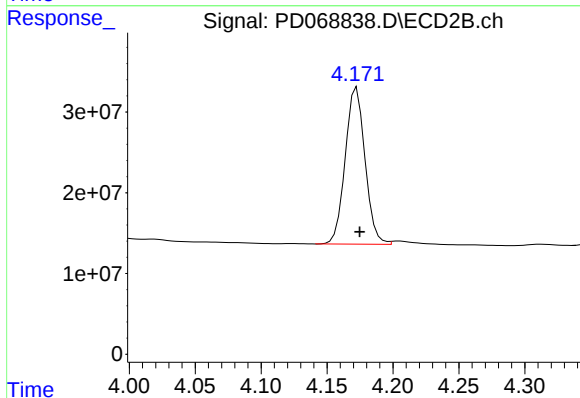




#1 Tetrachloro-m-xylene

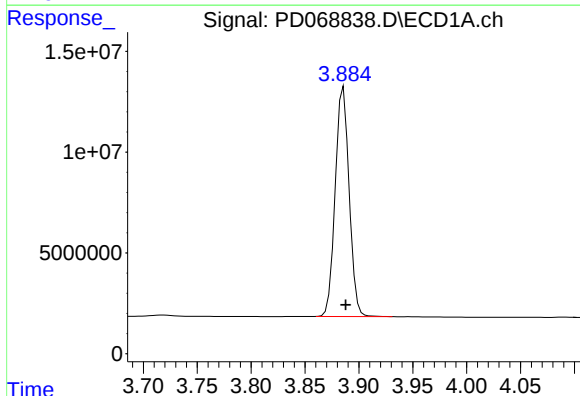
R.T.: 3.446 min  
Delta R.T.: -0.002 min  
Response: 24438232  
Conc: 20.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



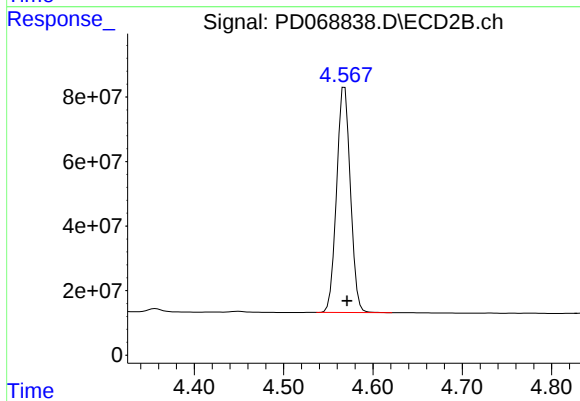
#1 Tetrachloro-m-xylene

R.T.: 4.173 min  
Delta R.T.: -0.002 min  
Response: 202560790  
Conc: 21.19 ng/ml



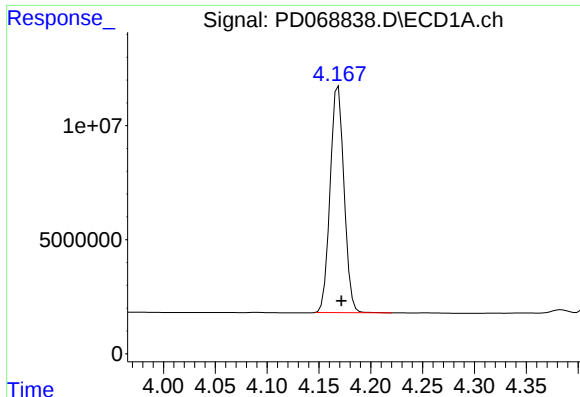
#2 alpha-BHC

R.T.: 3.886 min  
Delta R.T.: -0.002 min  
Response: 102178801  
Conc: 56.43 ng/ml



#2 alpha-BHC

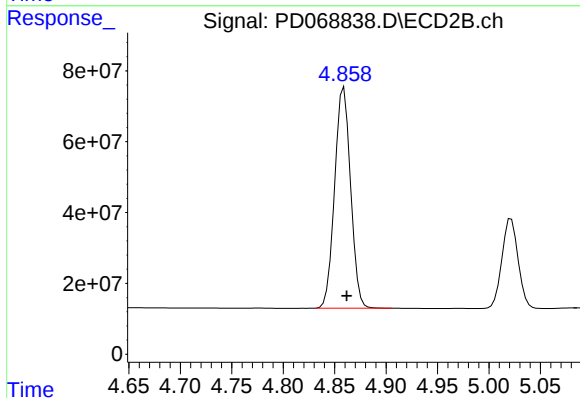
R.T.: 4.568 min  
Delta R.T.: -0.003 min  
Response: 748533186  
Conc: 54.39 ng/ml



#3 gamma-BHC (Lindane)

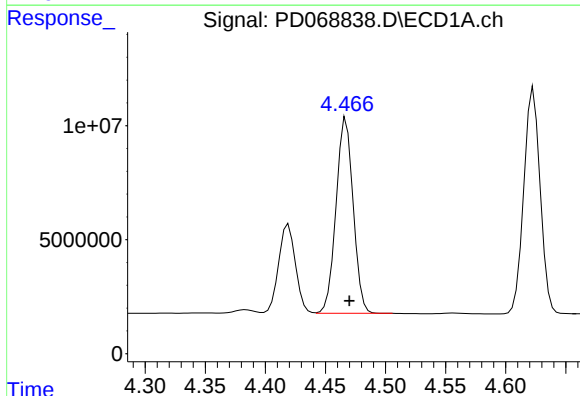
R.T.: 4.169 min  
Delta R.T.: -0.003 min  
Response: 92720251  
Conc: 55.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



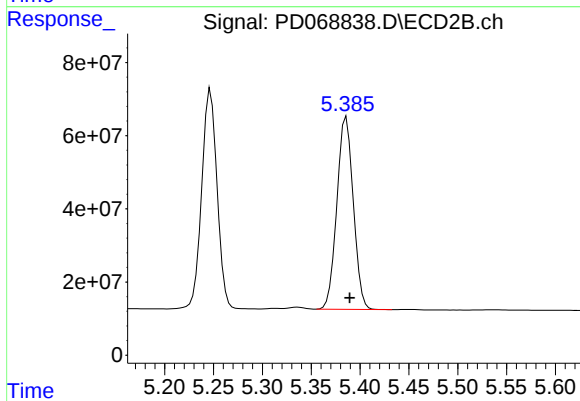
#3 gamma-BHC (Lindane)

R.T.: 4.859 min  
Delta R.T.: -0.003 min  
Response: 672470993  
Conc: 53.78 ng/ml



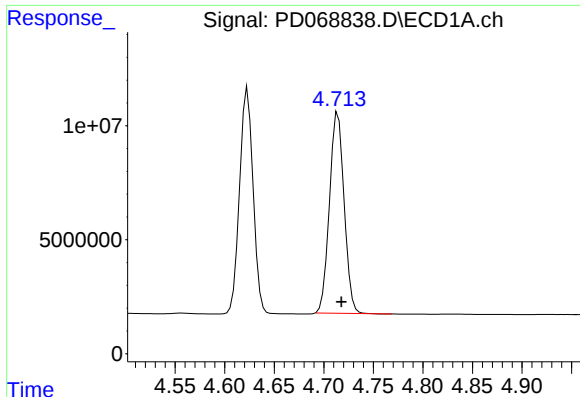
#4 Heptachlor

R.T.: 4.467 min  
Delta R.T.: -0.003 min  
Response: 85054874  
Conc: 51.63 ng/ml



#4 Heptachlor

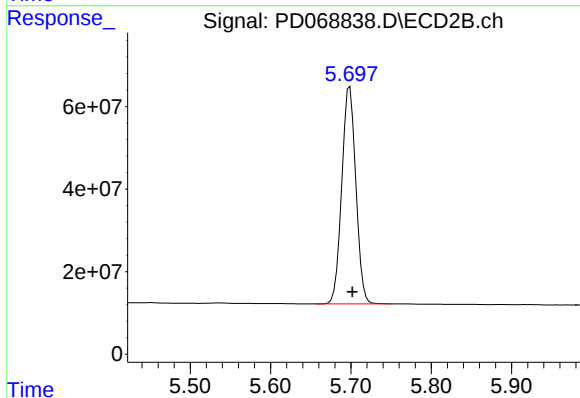
R.T.: 5.386 min  
Delta R.T.: -0.004 min  
Response: 615746303  
Conc: 51.81 ng/ml



#5 Aldrin

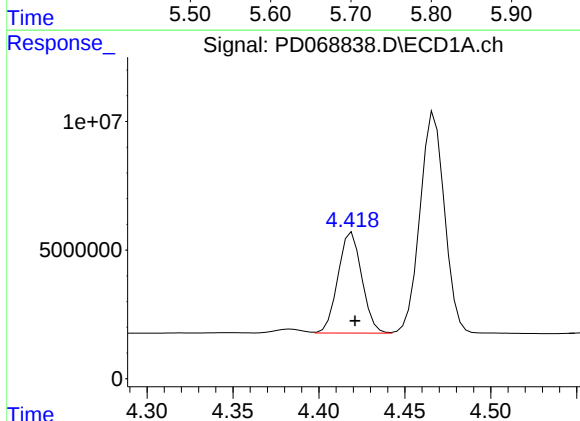
R.T.: 4.714 min  
Delta R.T.: -0.004 min  
Response: 90454250  
Conc: 56.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



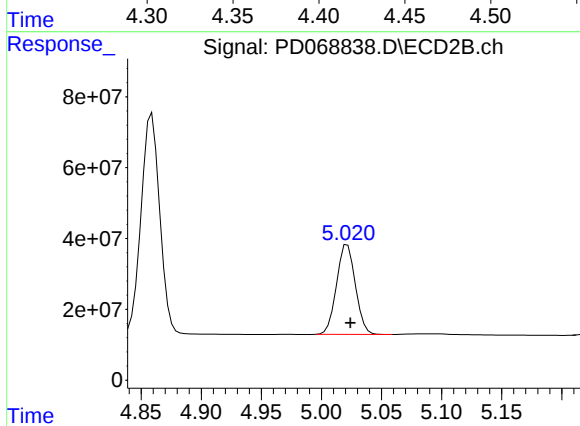
#5 Aldrin

R.T.: 5.699 min  
Delta R.T.: -0.003 min  
Response: 640154962  
Conc: 55.77 ng/ml



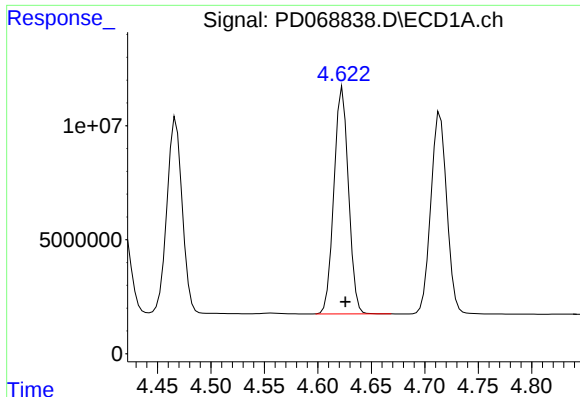
#6 beta-BHC

R.T.: 4.419 min  
Delta R.T.: -0.002 min  
Response: 37884647  
Conc: 50.88 ng/ml



#6 beta-BHC

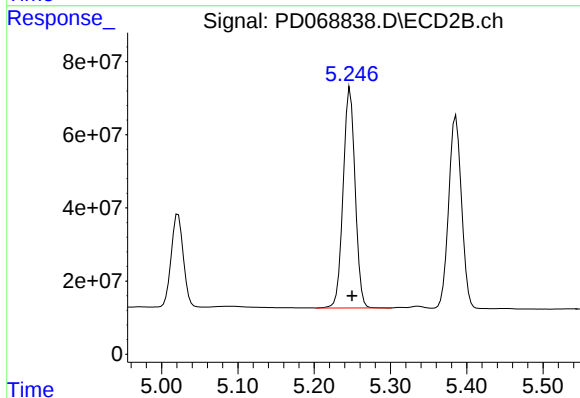
R.T.: 5.022 min  
Delta R.T.: -0.003 min  
Response: 277511754  
Conc: 50.55 ng/ml



#7 delta-BHC

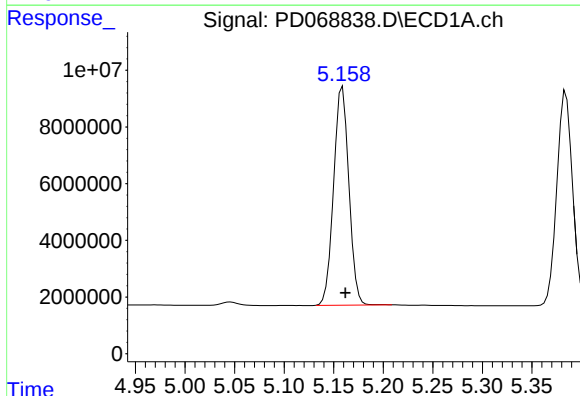
R.T.: 4.623 min  
Delta R.T.: -0.003 min  
Response: 94134477  
Conc: 57.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



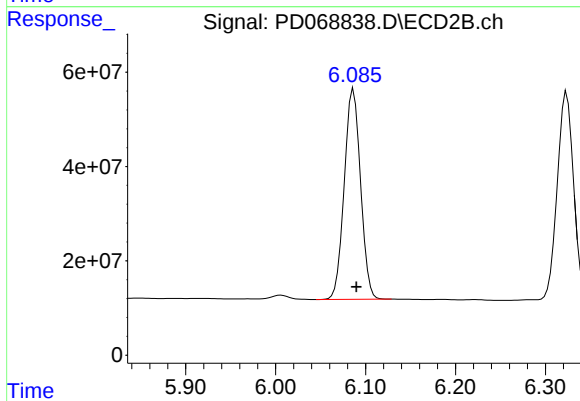
#7 delta-BHC

R.T.: 5.247 min  
Delta R.T.: -0.003 min  
Response: 656687573  
Conc: 54.61 ng/ml



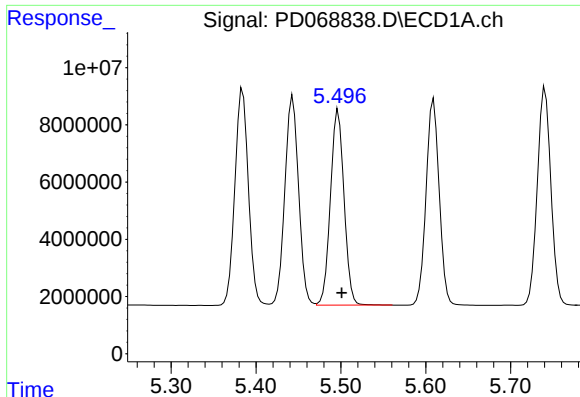
#8 Heptachlor epoxide

R.T.: 5.159 min  
Delta R.T.: -0.003 min  
Response: 82515080  
Conc: 55.18 ng/ml



#8 Heptachlor epoxide

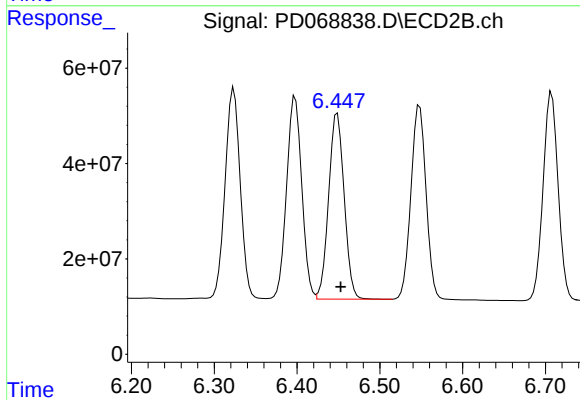
R.T.: 6.087 min  
Delta R.T.: -0.003 min  
Response: 562186980  
Conc: 53.84 ng/ml



#9 Endosulfan I

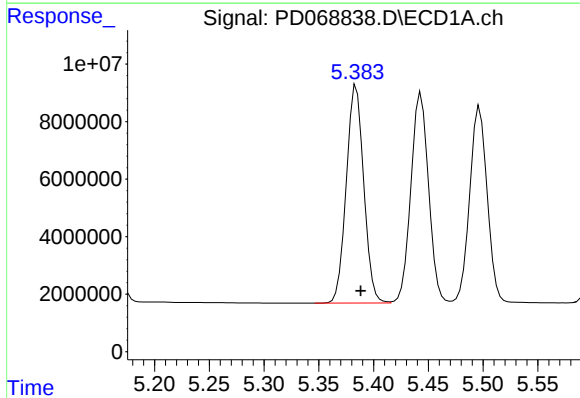
R.T.: 5.497 min  
Delta R.T.: -0.004 min  
Response: 76213433  
Conc: 54.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



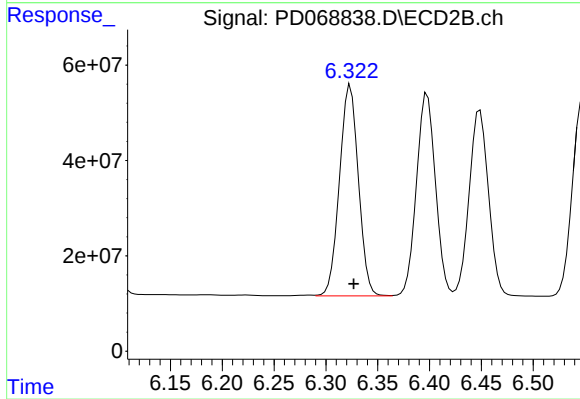
#9 Endosulfan I

R.T.: 6.449 min  
Delta R.T.: -0.004 min  
Response: 507609848  
Conc: 54.13 ng/ml



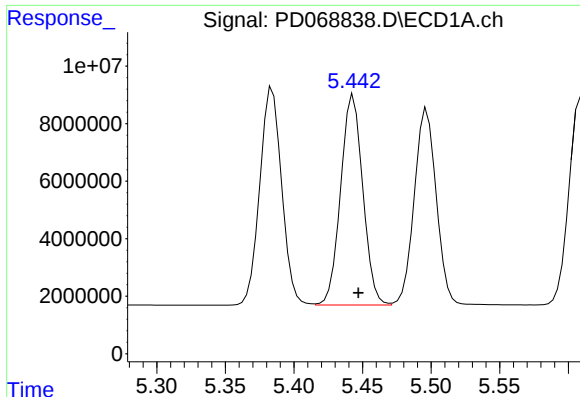
#10 gamma-Chlordane

R.T.: 5.384 min  
Delta R.T.: -0.004 min  
Response: 84097426  
Conc: 55.44 ng/ml



#10 gamma-Chlordane

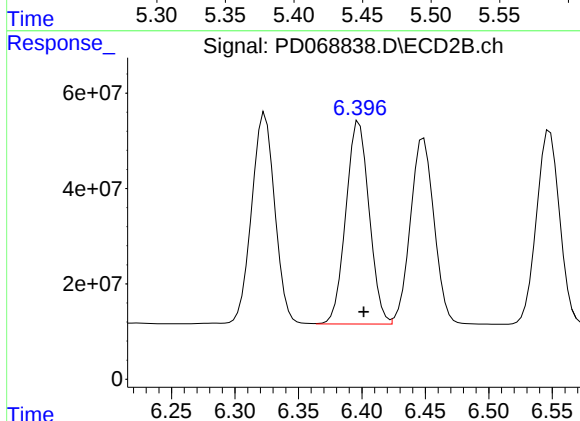
R.T.: 6.324 min  
Delta R.T.: -0.003 min  
Response: 562315528  
Conc: 54.56 ng/ml



#11 alpha-Chlordane

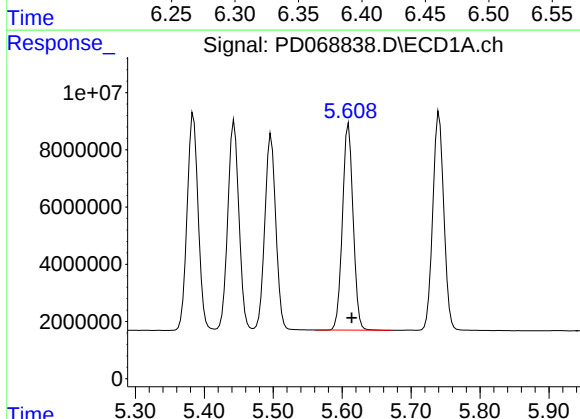
R.T.: 5.443 min  
Delta R.T.: -0.004 min  
Response: 82290762  
Conc: 55.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



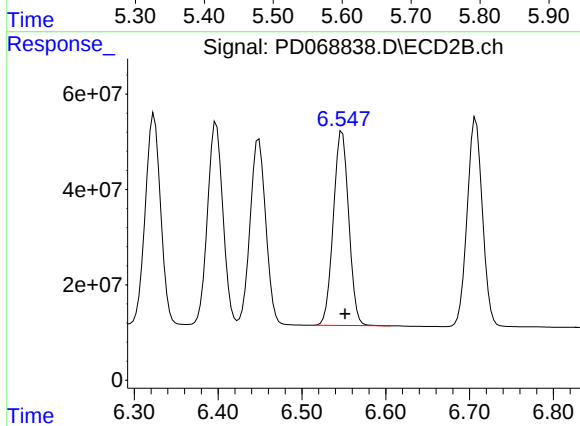
#11 alpha-Chlordane

R.T.: 6.398 min  
Delta R.T.: -0.004 min  
Response: 543514620  
Conc: 54.59 ng/ml



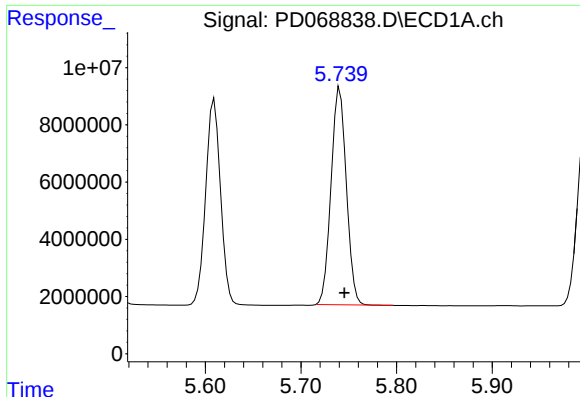
#12 4,4'-DDE

R.T.: 5.609 min  
Delta R.T.: -0.004 min  
Response: 77647925  
Conc: 56.76 ng/ml



#12 4,4'-DDE

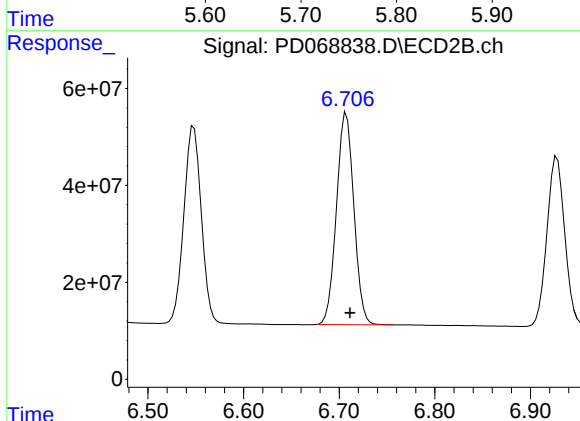
R.T.: 6.548 min  
Delta R.T.: -0.003 min  
Response: 518338561  
Conc: 55.93 ng/ml



#13 Dieldrin

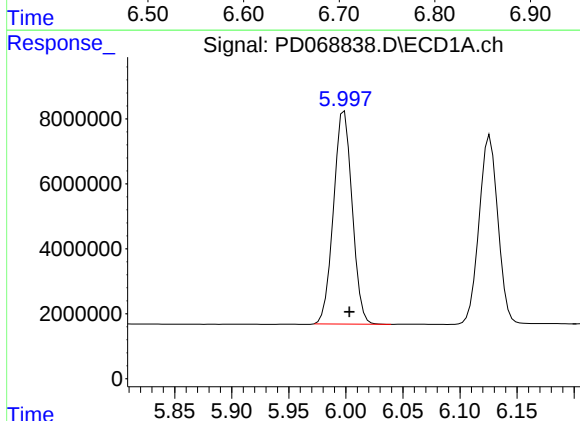
R.T.: 5.741 min  
Delta R.T.: -0.005 min  
Response: 83999383  
Conc: 57.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



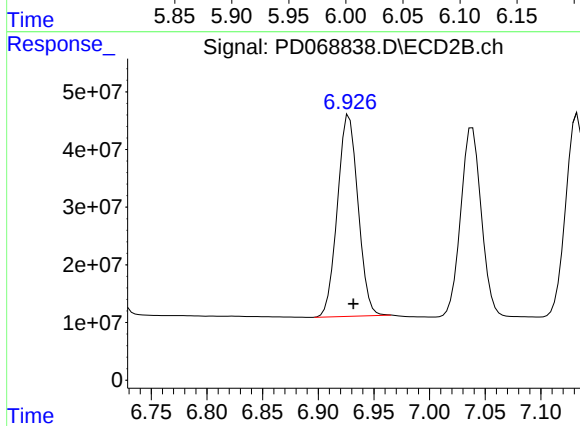
#13 Dieldrin

R.T.: 6.708 min  
Delta R.T.: -0.004 min  
Response: 553155367  
Conc: 56.95 ng/ml



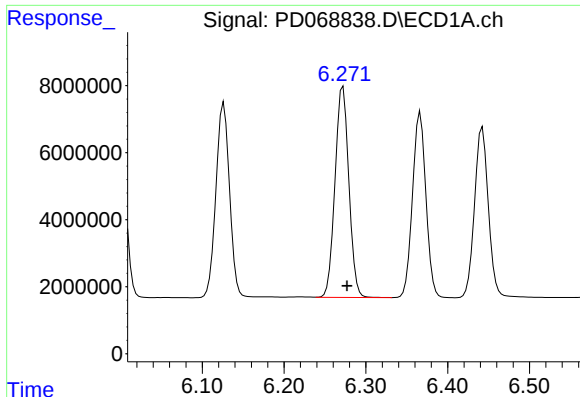
#14 Endrin

R.T.: 5.999 min  
Delta R.T.: -0.004 min  
Response: 74549354  
Conc: 56.59 ng/ml



#14 Endrin

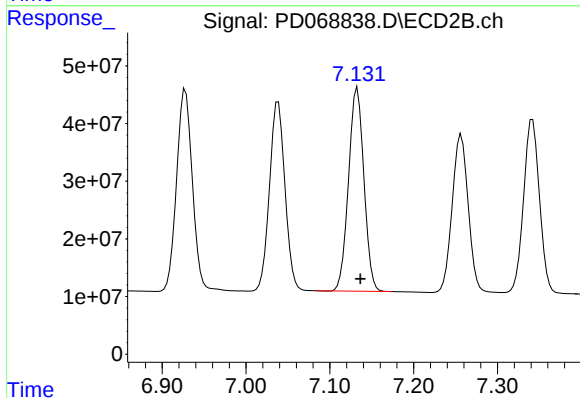
R.T.: 6.928 min  
Delta R.T.: -0.004 min  
Response: 450318692  
Conc: 58.20 ng/ml



#15 Endosulfan II

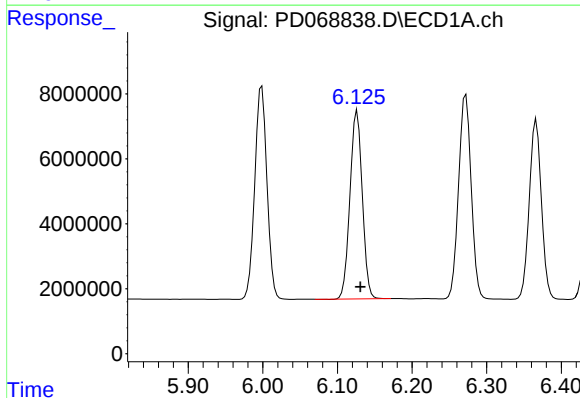
R.T.: 6.272 min  
Delta R.T.: -0.005 min  
Response: 74022261  
Conc: 59.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



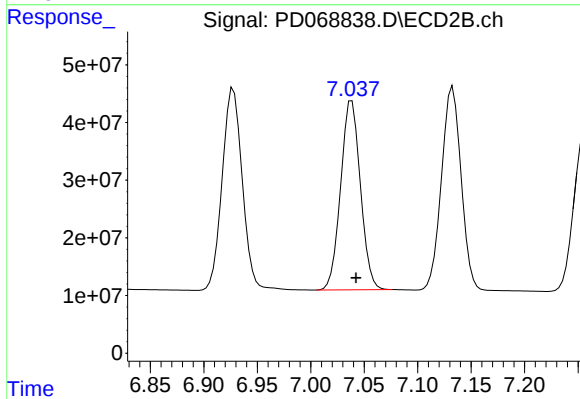
#15 Endosulfan II

R.T.: 7.133 min  
Delta R.T.: -0.003 min  
Response: 450556015  
Conc: 59.61 ng/ml



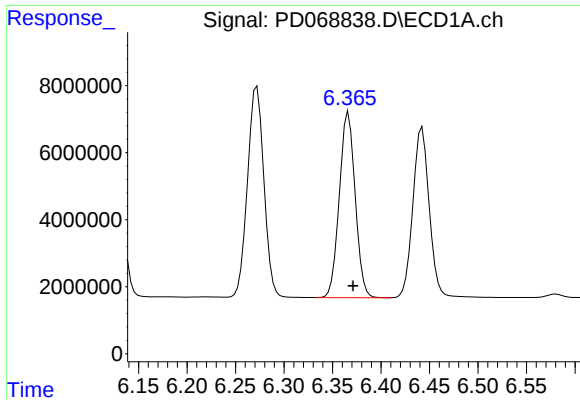
#16 4,4'-DDD

R.T.: 6.126 min  
Delta R.T.: -0.004 min  
Response: 66301414  
Conc: 56.22 ng/ml



#16 4,4'-DDD

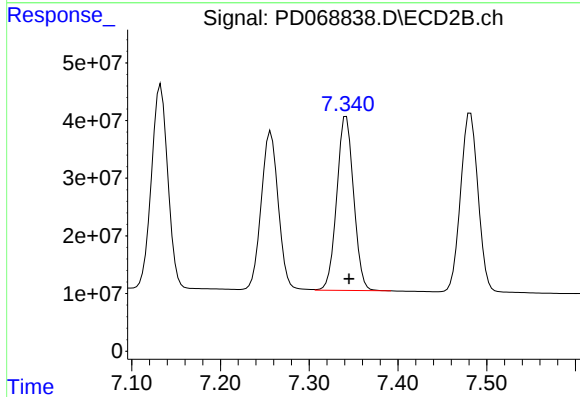
R.T.: 7.038 min  
Delta R.T.: -0.004 min  
Response: 422224367  
Conc: 57.17 ng/ml



#17 4,4'-DDT

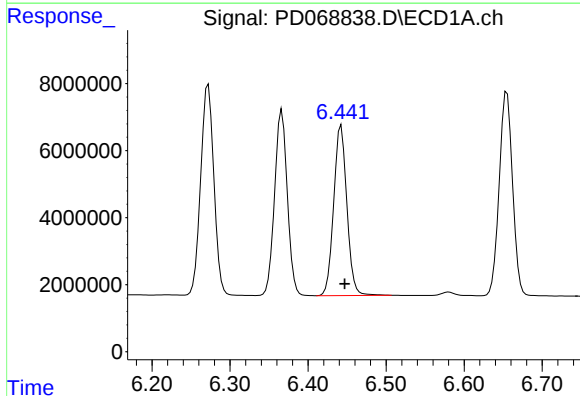
R.T.: 6.367 min  
Delta R.T.: -0.005 min  
Response: 62830401  
Conc: 52.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



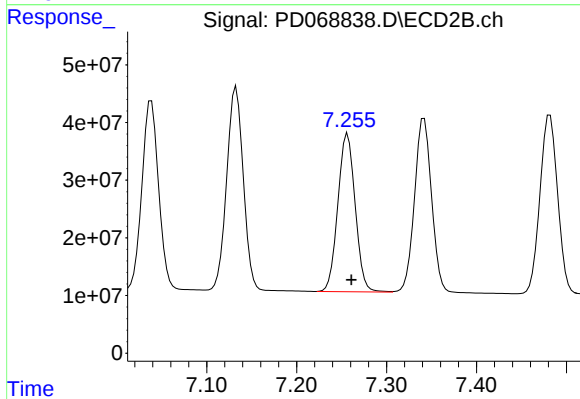
#17 4,4'-DDT

R.T.: 7.342 min  
Delta R.T.: -0.003 min  
Response: 398565516  
Conc: 54.25 ng/ml



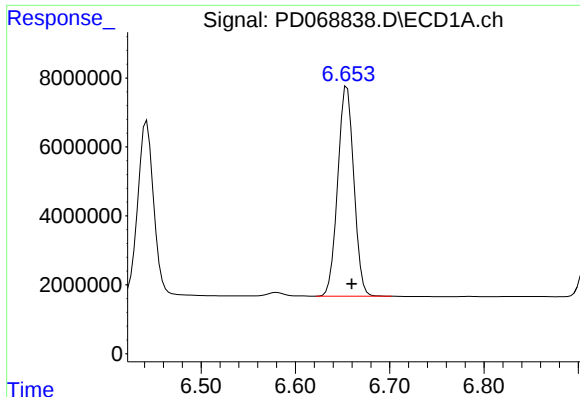
#18 Endrin aldehyde

R.T.: 6.442 min  
Delta R.T.: -0.004 min  
Response: 59522426  
Conc: 59.96 ng/ml



#18 Endrin aldehyde

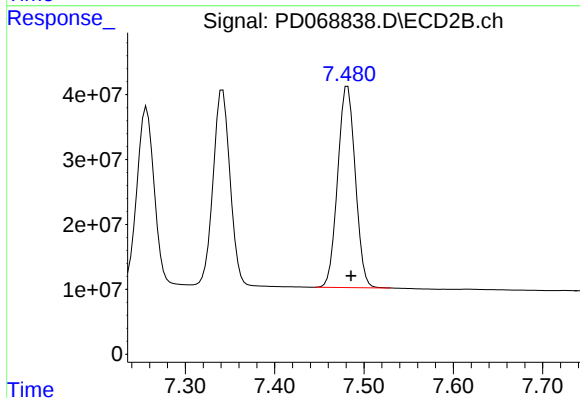
R.T.: 7.257 min  
Delta R.T.: -0.004 min  
Response: 366521388  
Conc: 60.56 ng/ml



#19 Endosulfan Sulfate

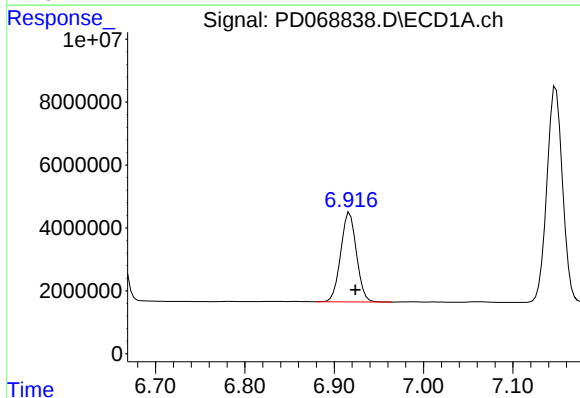
R.T.: 6.655 min  
Delta R.T.: -0.005 min  
Response: 72282466  
Conc: 56.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



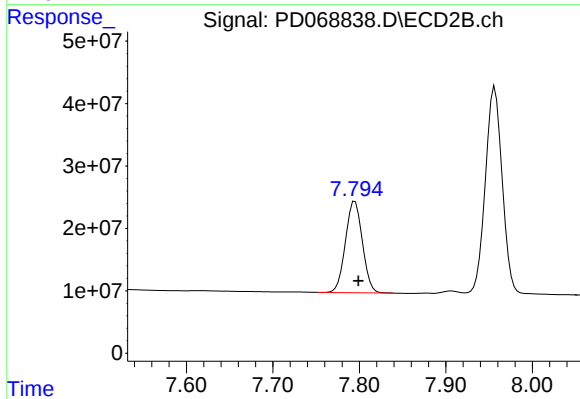
#19 Endosulfan Sulfate

R.T.: 7.482 min  
Delta R.T.: -0.004 min  
Response: 424291457  
Conc: 57.69 ng/ml



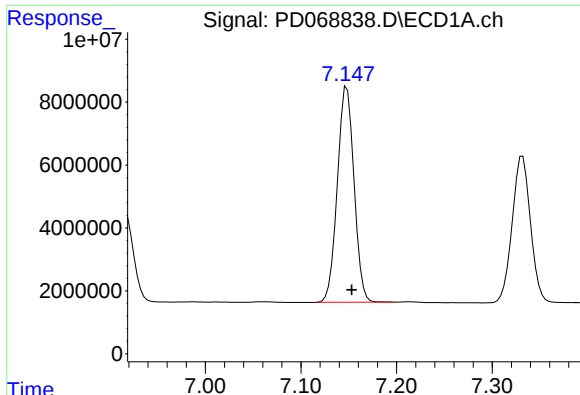
#20 Methoxychlor

R.T.: 6.917 min  
Delta R.T.: -0.006 min  
Response: 34623504  
Conc: 49.96 ng/ml



#20 Methoxychlor

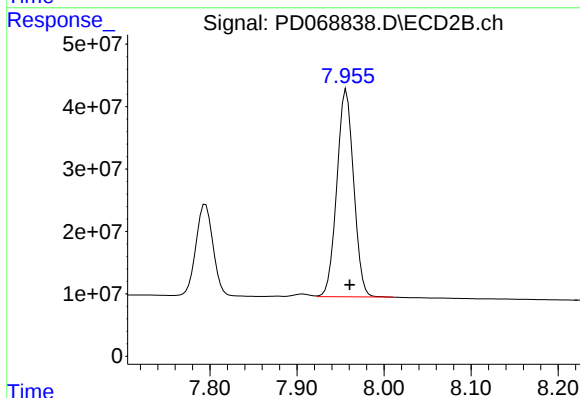
R.T.: 7.795 min  
Delta R.T.: -0.004 min  
Response: 199134634  
Conc: 54.63 ng/ml



#21 Endrin ketone

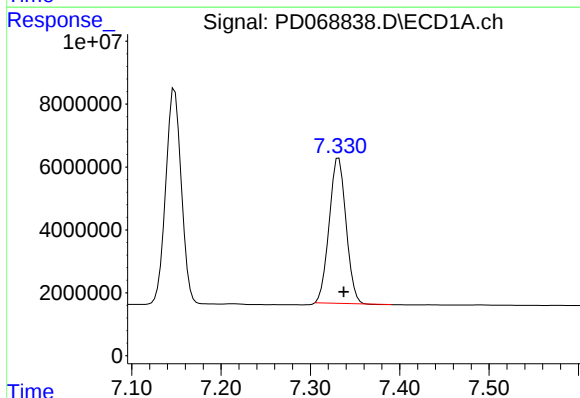
R.T.: 7.148 min  
Delta R.T.: -0.005 min  
Response: 83223804  
Conc: 56.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



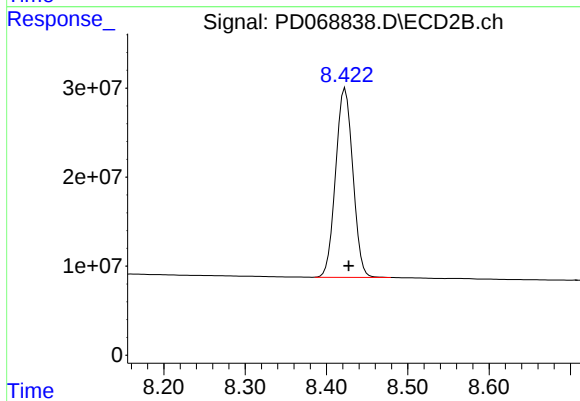
#21 Endrin ketone

R.T.: 7.957 min  
Delta R.T.: -0.004 min  
Response: 446329436  
Conc: 57.60 ng/ml



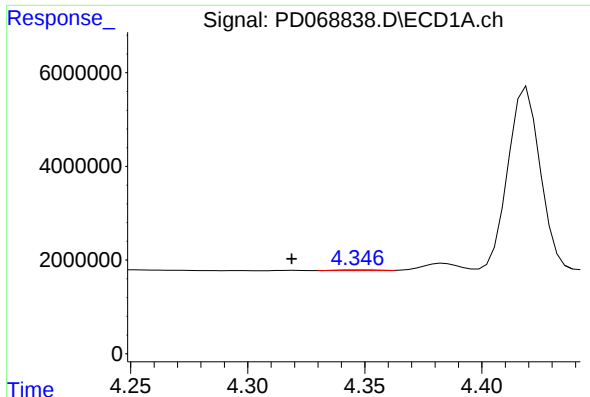
#22 Mirex

R.T.: 7.332 min  
Delta R.T.: -0.006 min  
Response: 60550356  
Conc: 51.09 ng/ml



#22 Mirex

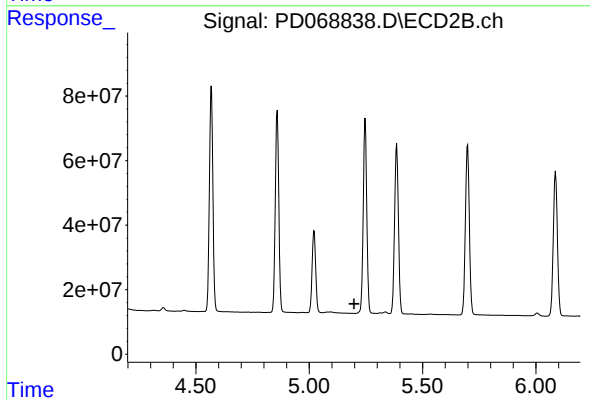
R.T.: 8.423 min  
Delta R.T.: -0.004 min  
Response: 312529808  
Conc: 57.02 ng/ml



#23 Chlordane-1

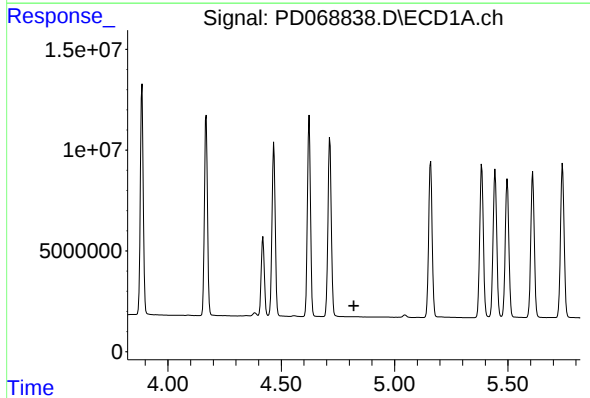
R.T.: 4.347 min  
Delta R.T.: 0.028 min  
Response: 183259  
Conc: 4.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



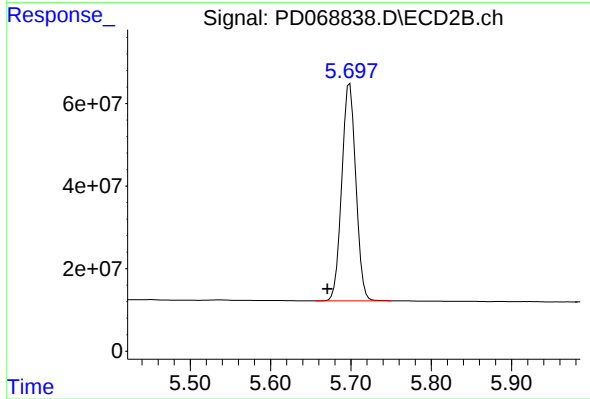
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.198 min  
Response: 0  
Conc: N.D.



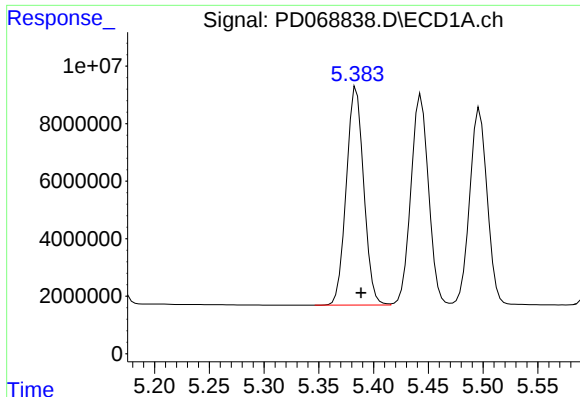
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.820 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

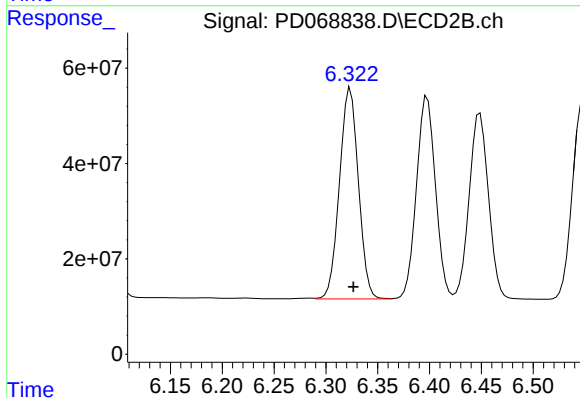
R.T.: 5.699 min  
Delta R.T.: 0.028 min  
Response: 640154962  
Conc: 1674.54 ng/ml



#25 Chlordane-3

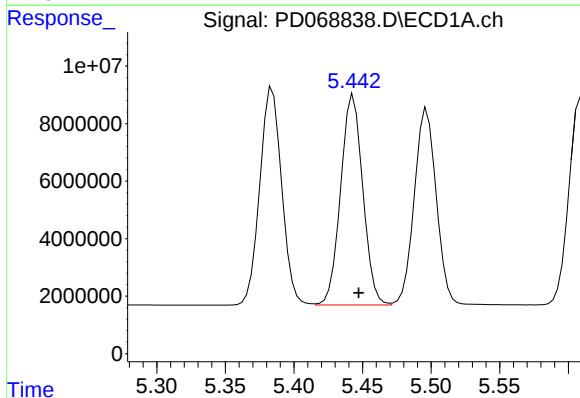
R.T.: 5.384 min  
Delta R.T.: -0.004 min  
Response: 84097426  
Conc: 603.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



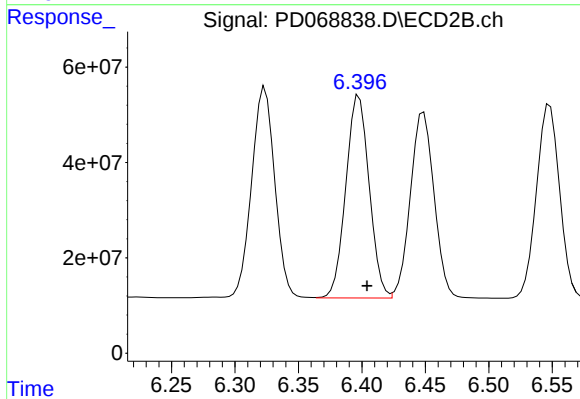
#25 Chlordane-3

R.T.: 6.324 min  
Delta R.T.: -0.003 min  
Response: 562315528  
Conc: 418.52 ng/ml



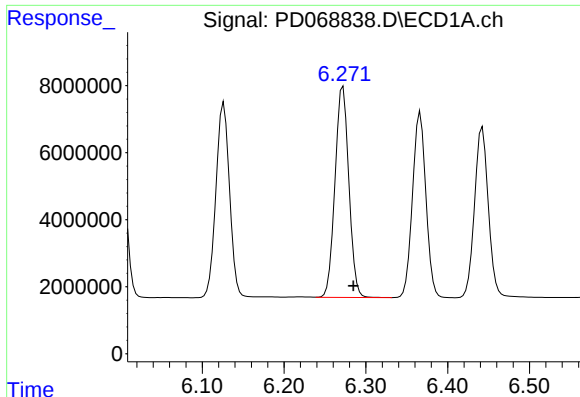
#26 Chlordane-4

R.T.: 5.443 min  
Delta R.T.: -0.004 min  
Response: 82290762  
Conc: 695.31 ng/ml



#26 Chlordane-4

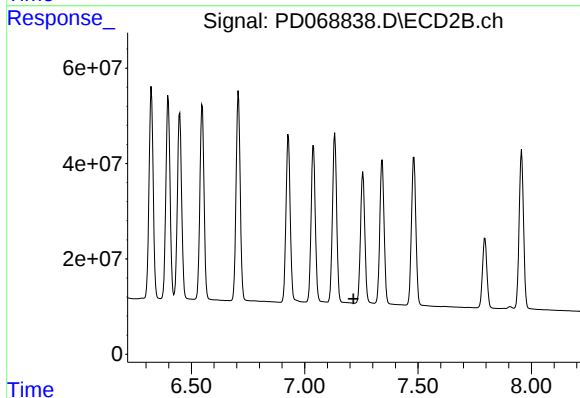
R.T.: 6.398 min  
Delta R.T.: -0.006 min  
Response: 543514620  
Conc: 349.62 ng/ml



#27 Chlordane-5

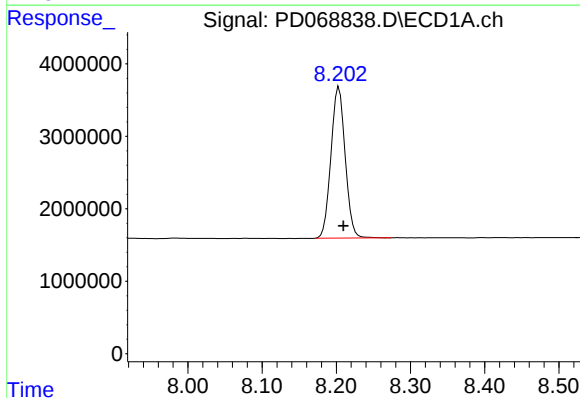
R.T.: 6.272 min  
Delta R.T.: -0.013 min  
Response: 74022261  
Conc: 1481.64 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



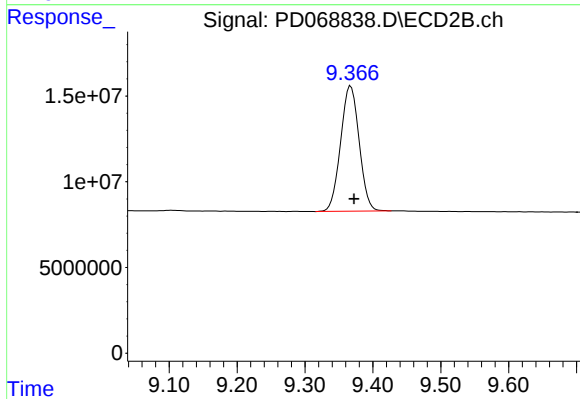
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.215 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: -0.006 min  
Response: 27830809  
Conc: 22.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.367 min  
Delta R.T.: -0.005 min  
Response: 138750516  
Conc: 24.49 ng/ml