

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030922\  
 Data File : PD068439.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Mar 2022 22:27  
 Operator : AR\AJ  
 Sample : N1830-02MS  
 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: Mar 10 02:08:22 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030122.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 01 06:48:49 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... | 3.450 | 4.176  | 25815161 | 207.8E6 | 22.022   | 21.653    |
| 28)                         | SA Decachlor... | 8.212 | 9.373  | 22132036 | 106.5E6 | 19.019   | 17.965    |
| Target Compounds            |                 |       |        |          |         |          |           |
| 2)                          | A alpha-BHC     | 3.889 | 4.572  | 114.8E6  | 805.6E6 | 66.919   | 58.709    |
| 3)                          | MA gamma-BHC... | 4.173 | 4.863  | 106.0E6  | 738.9E6 | 66.583   | 59.593    |
| 4)                          | MA Heptachlor   | 4.471 | 5.390  | 104.1E6  | 707.8E6 | 68.955   | 62.490    |
| 5)                          | MB Aldrin       | 4.720 | 5.703  | 101.8E6  | 681.2E6 | 64.990   | 57.612    |
| 6)                          | B beta-BHC      | 4.423 | 5.025  | 42665927 | 308.1E6 | 60.807   | 56.991    |
| 7)                          | B delta-BHC     | 4.627 | 5.251  | 106.3E6  | 721.8E6 | 65.882   | 58.032    |
| 8)                          | B Heptachlo...  | 5.164 | 6.091  | 94957597 | 618.7E6 | 65.134   | 57.729    |
| 9)                          | A Endosulfan I  | 5.502 | 6.454  | 88855568 | 568.7E6 | 65.154   | 58.942    |
| 10)                         | B gamma-Chl...  | 5.390 | 6.327  | 96512129 | 618.6E6 | 64.831   | 58.502    |
| 11)                         | B alpha-Chl...  | 5.449 | 6.402  | 94774086 | 600.2E6 | 64.498   | 58.229    |
| 12)                         | B 4,4'-DDE      | 5.615 | 6.552  | 89749611 | 573.0E6 | 65.798   | 58.616    |
| 13)                         | MA Dieldrin     | 5.747 | 6.712  | 94897996 | 596.5E6 | 64.535   | 57.882    |
| 14)                         | MA Endrin       | 6.004 | 6.932  | 85920437 | 489.6E6 | 69.552   | 63.662    |
| 15)                         | B Endosulfa...  | 6.279 | 7.137  | 78619449 | 466.7E6 | 61.792   | 56.791    |
| 16)                         | A 4,4'-DDD      | 6.133 | 7.043  | 76045761 | 461.0E6 | 64.123   | 58.577    |
| 17)                         | MA 4,4'-DDT     | 6.373 | 7.346  | 79472220 | 475.7E6 | 72.066   | 67.226    |
| 18)                         | B Endrin al...  | 6.448 | 7.261  | 60903329 | 370.7E6 | 66.451   | 61.601    |
| 19)                         | B Endosulfa...  | 6.662 | 7.486  | 80844712 | 459.5E6 | 64.152   | 59.060    |
| 20)                         | A Methoxychlor  | 6.924 | 7.799  | 43669824 | 230.1E6 | 67.298   | 66.224    |
| 21)                         | B Endrin ke...  | 7.154 | 7.961  | 91697707 | 482.0E6 | 62.283   | 57.420    |
| 22)                         | Mirex           | 7.340 | 8.427  | 79333441 | 379.9E6 | 62.590   | 59.400    |
| 23)                         | Chlordane-1     | 4.323 | 5.177f | 255428   | 424464  | 5.855    | 1.048 #   |
| 25)                         | Chlordane-3     | 5.390 | 6.327  | 96512129 | 618.6E6 | 674.596  | 434.994 # |
| 26)                         | Chlordane-4     | 5.449 | 6.402  | 94774086 | 600.2E6 | 775.759  | 372.376 # |
| 27)                         | Chlordane-5     | 6.279 | 0.000  | 78619449 | 0       | 1596.124 | N.D. #    |
| -----                       |                 |       |        |          |         |          |           |

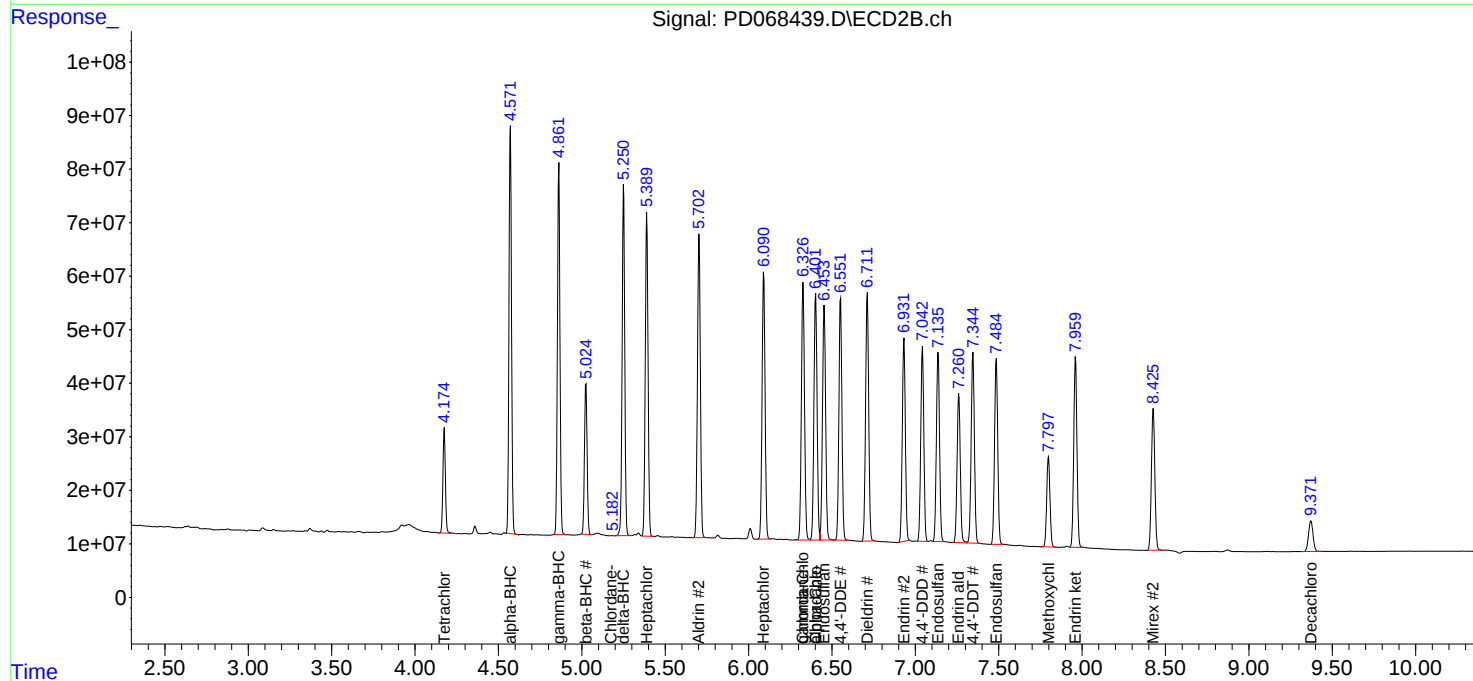
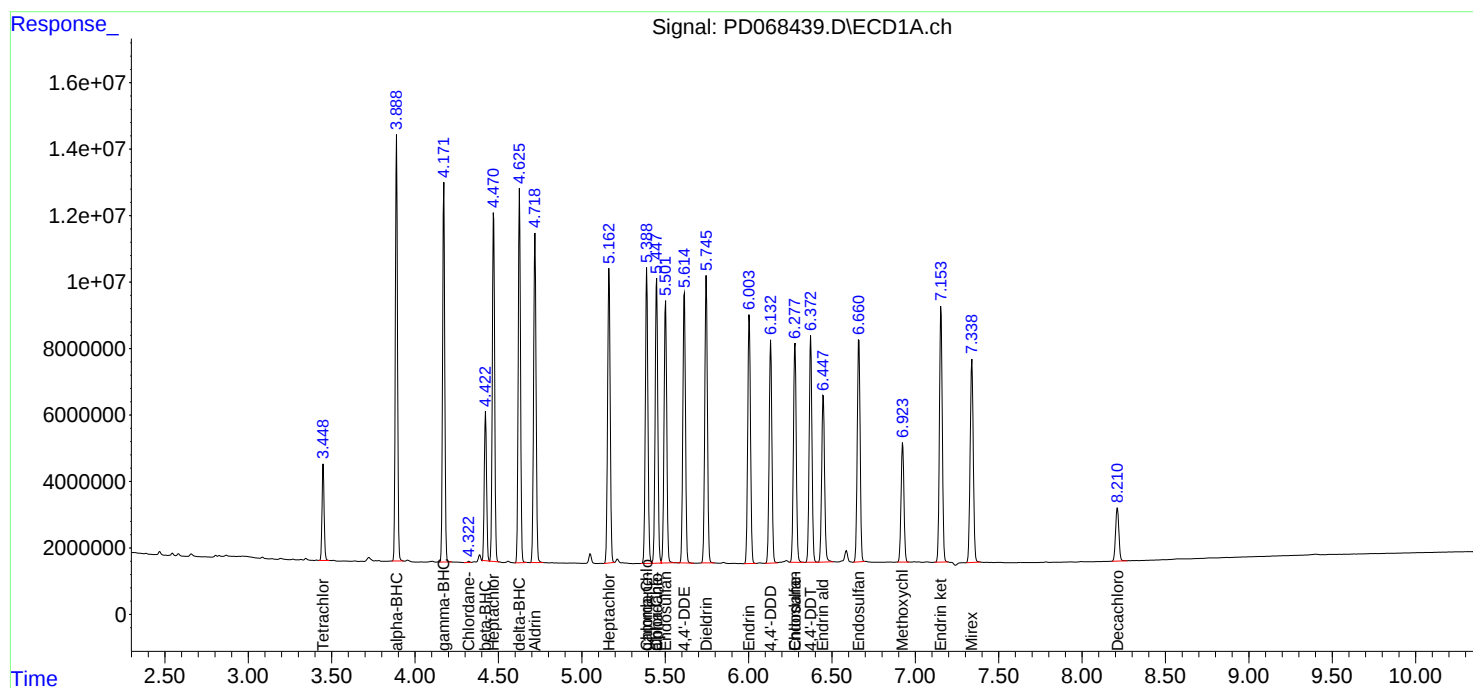
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

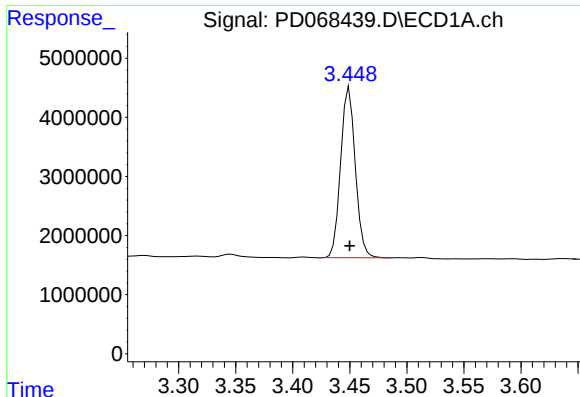
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030922\  
Data File : PD068439.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Mar 2022 22:27  
Operator : AR\AJ  
Sample : N1830-02MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 10 02:08:22 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030122.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 01 06:48:49 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

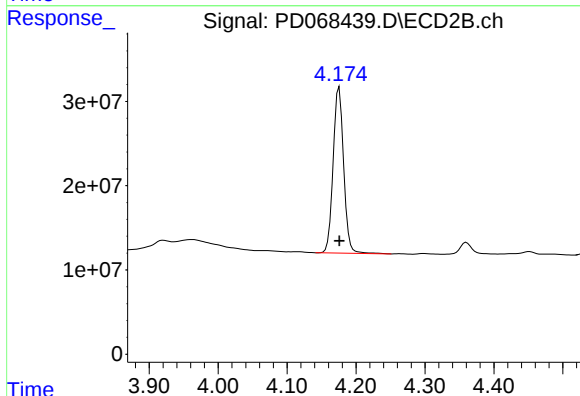




#1 Tetrachloro-m-xylene

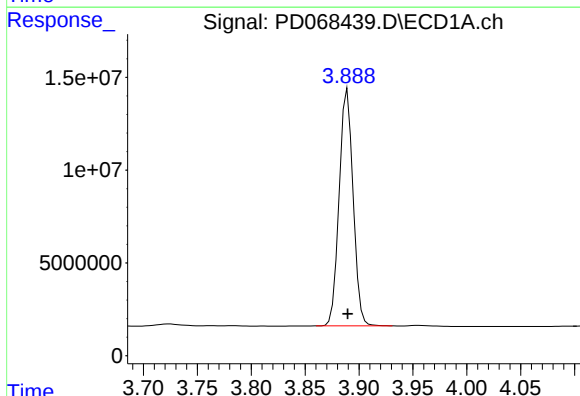
R.T.: 3.450 min  
Delta R.T.: 0.000 min  
Response: 25815161  
Conc: 22.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



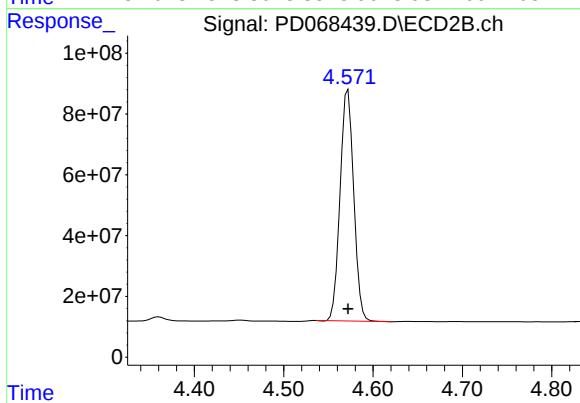
#1 Tetrachloro-m-xylene

R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 207825202  
Conc: 21.65 ng/ml



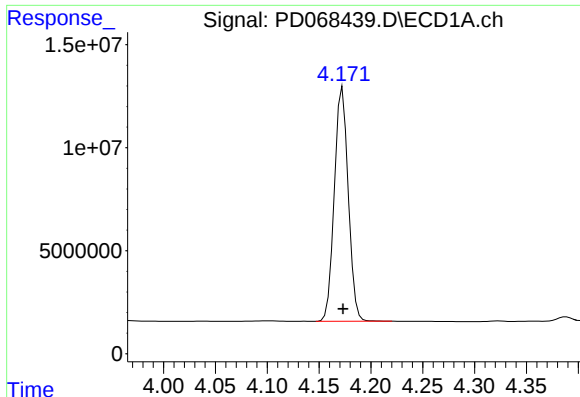
#2 alpha-BHC

R.T.: 3.889 min  
Delta R.T.: 0.000 min  
Response: 114827718  
Conc: 66.92 ng/ml



#2 alpha-BHC

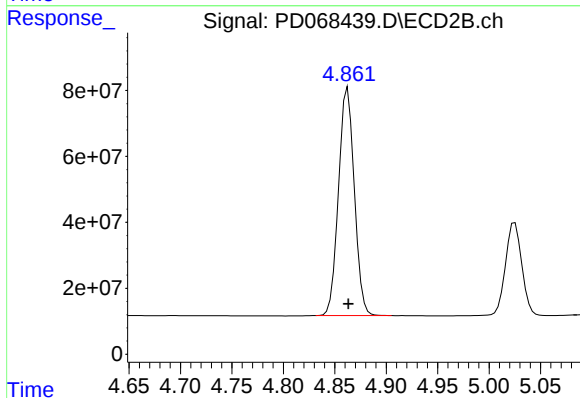
R.T.: 4.572 min  
Delta R.T.: 0.000 min  
Response: 805581725  
Conc: 58.71 ng/ml



#3 gamma-BHC (Lindane)

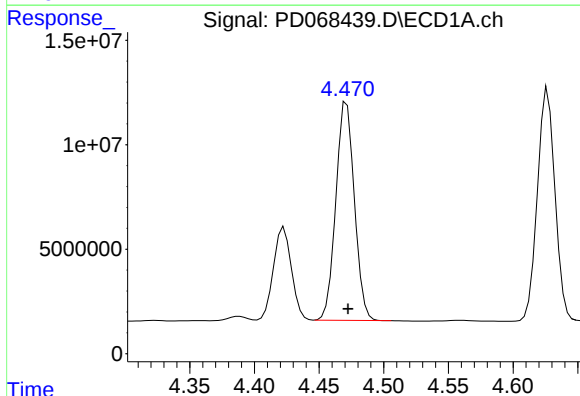
R.T.: 4.173 min  
Delta R.T.: 0.000 min  
Response: 106029836  
Conc: 66.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



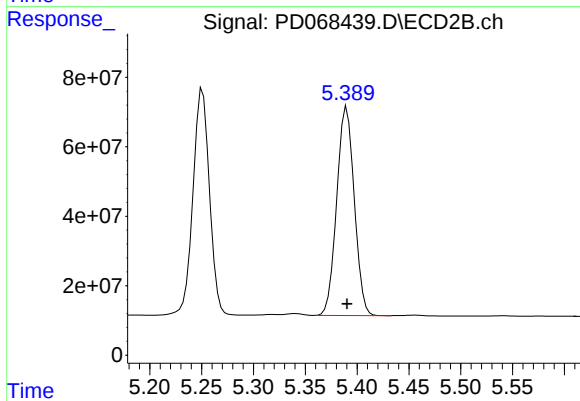
#3 gamma-BHC (Lindane)

R.T.: 4.863 min  
Delta R.T.: 0.000 min  
Response: 738927603  
Conc: 59.59 ng/ml



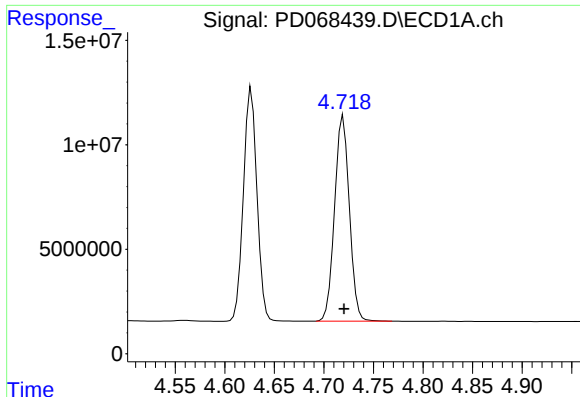
#4 Heptachlor

R.T.: 4.471 min  
Delta R.T.: -0.001 min  
Response: 104096788  
Conc: 68.95 ng/ml



#4 Heptachlor

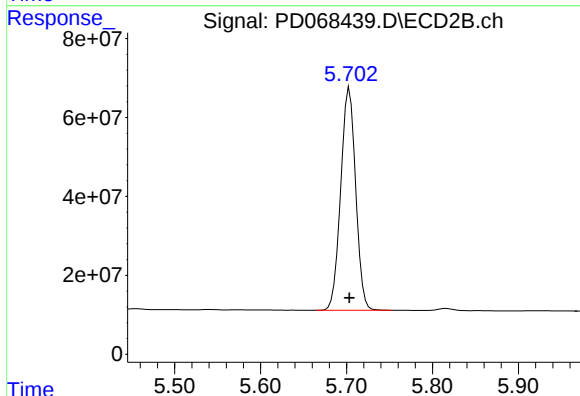
R.T.: 5.390 min  
Delta R.T.: 0.000 min  
Response: 707810760  
Conc: 62.49 ng/ml



#5 Aldrin

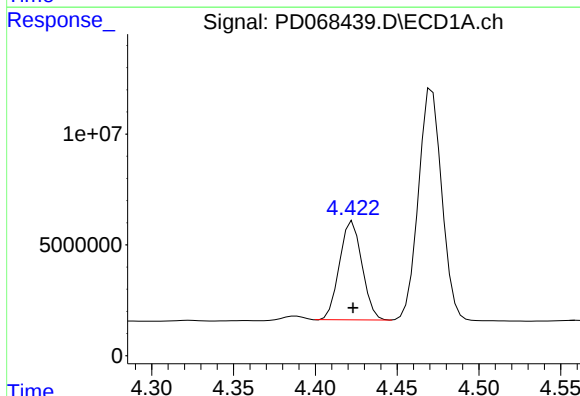
R.T.: 4.720 min  
Delta R.T.: 0.000 min  
Response: 101787022  
Conc: 64.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



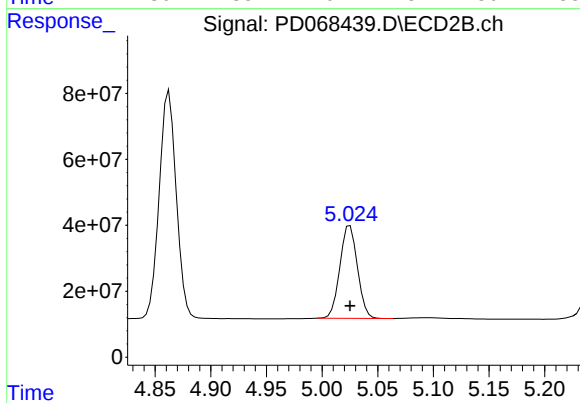
#5 Aldrin

R.T.: 5.703 min  
Delta R.T.: 0.000 min  
Response: 681182509  
Conc: 57.61 ng/ml



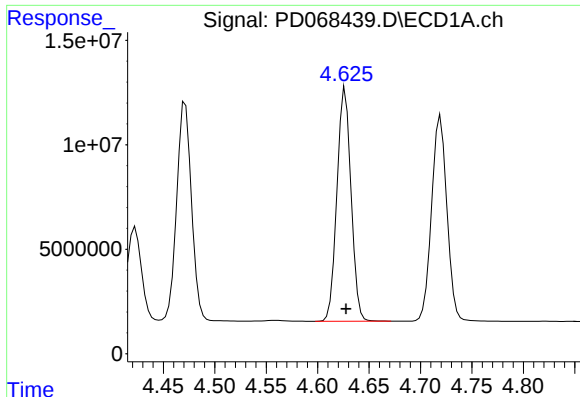
#6 beta-BHC

R.T.: 4.423 min  
Delta R.T.: 0.000 min  
Response: 42665927  
Conc: 60.81 ng/ml



#6 beta-BHC

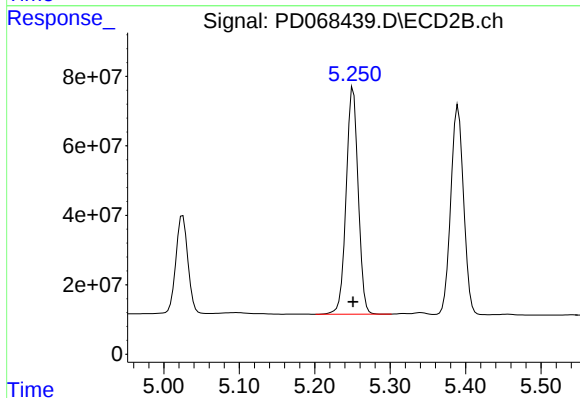
R.T.: 5.025 min  
Delta R.T.: 0.000 min  
Response: 308062124  
Conc: 56.99 ng/ml



#7 delta-BHC

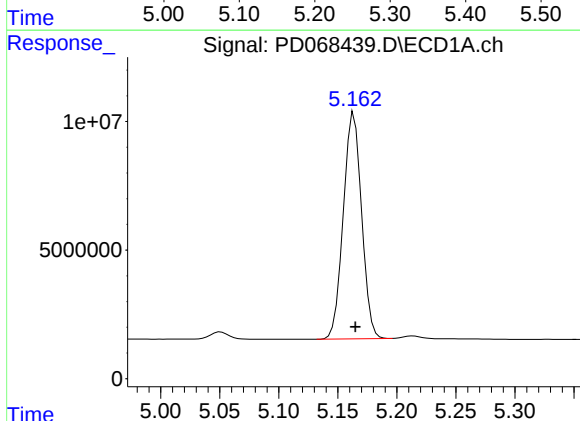
R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 106299565  
Conc: 65.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



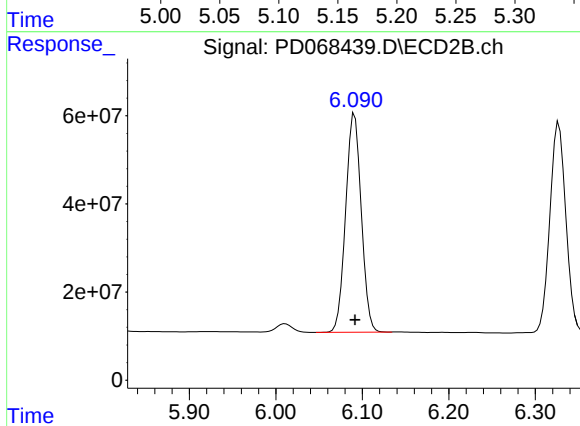
#7 delta-BHC

R.T.: 5.251 min  
Delta R.T.: 0.000 min  
Response: 721814920  
Conc: 58.03 ng/ml



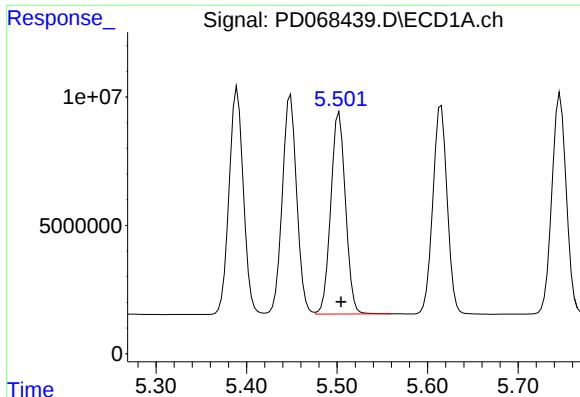
#8 Heptachlor epoxide

R.T.: 5.164 min  
Delta R.T.: -0.001 min  
Response: 94957597  
Conc: 65.13 ng/ml



#8 Heptachlor epoxide

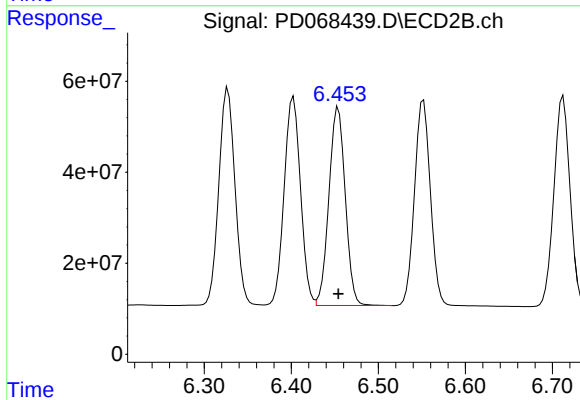
R.T.: 6.091 min  
Delta R.T.: 0.000 min  
Response: 618725450  
Conc: 57.73 ng/ml



#9 Endosulfan I

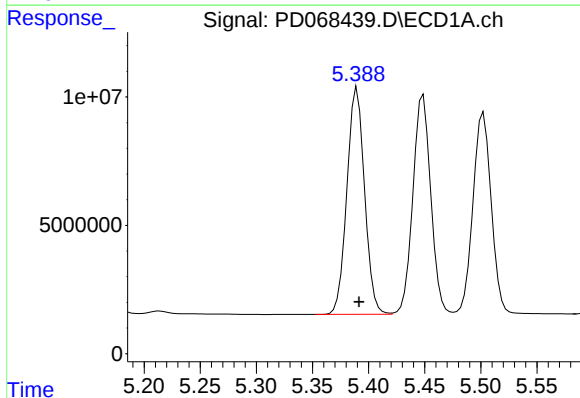
R.T.: 5.502 min  
Delta R.T.: -0.002 min  
Response: 88855568  
Conc: 65.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



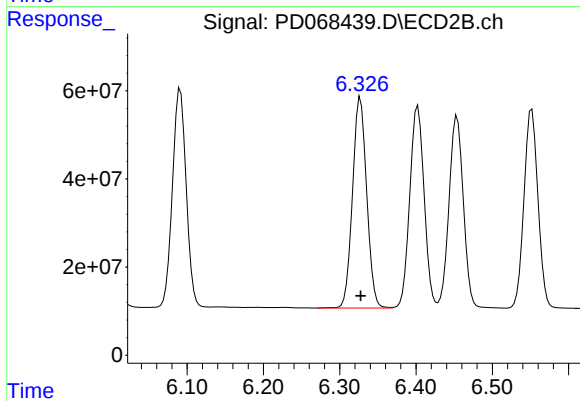
#9 Endosulfan I

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 568745120  
Conc: 58.94 ng/ml



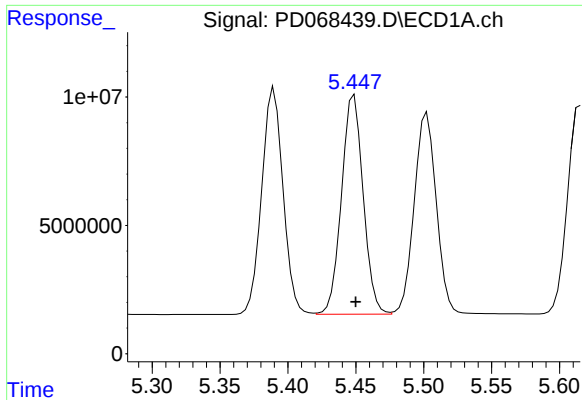
#10 gamma-Chlordane

R.T.: 5.390 min  
Delta R.T.: -0.002 min  
Response: 96512129  
Conc: 64.83 ng/ml



#10 gamma-Chlordane

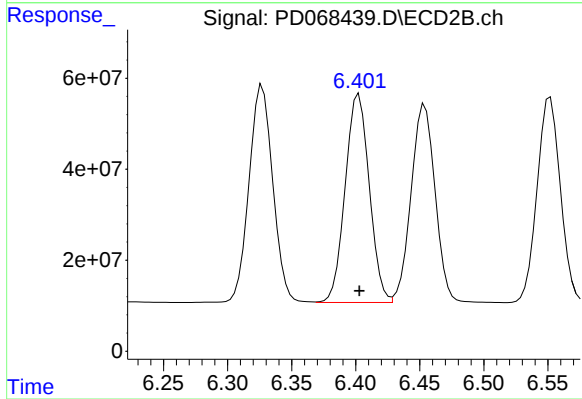
R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 618599822  
Conc: 58.50 ng/ml



#11 alpha-Chlordane

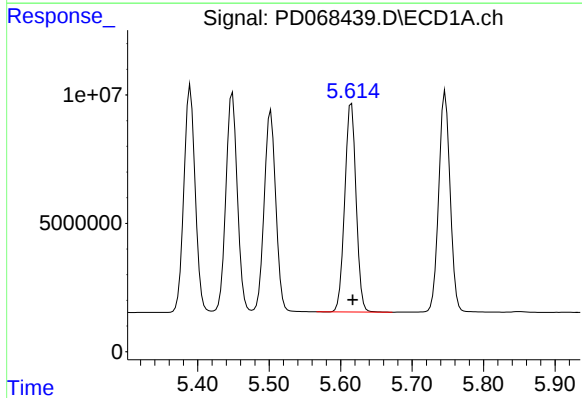
R.T.: 5.449 min  
Delta R.T.: -0.001 min  
Response: 94774086  
Conc: 64.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



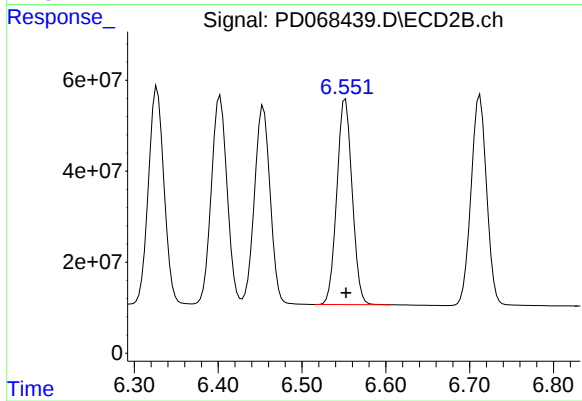
#11 alpha-Chlordane

R.T.: 6.402 min  
Delta R.T.: 0.000 min  
Response: 600185756  
Conc: 58.23 ng/ml



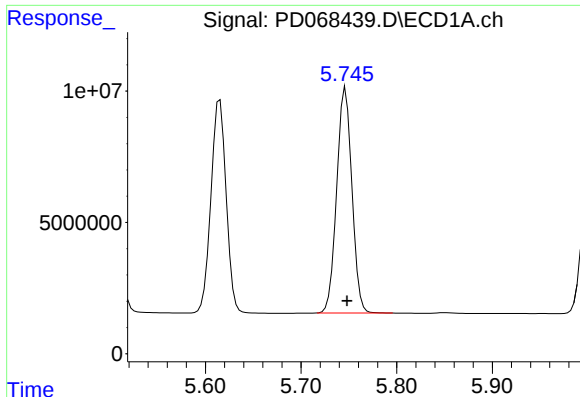
#12 4,4'-DDE

R.T.: 5.615 min  
Delta R.T.: -0.002 min  
Response: 89749611  
Conc: 65.80 ng/ml



#12 4,4'-DDE

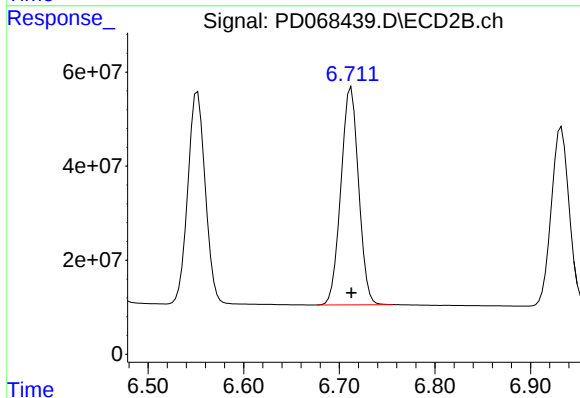
R.T.: 6.552 min  
Delta R.T.: 0.000 min  
Response: 573049617  
Conc: 58.62 ng/ml



#13 Dieldrin

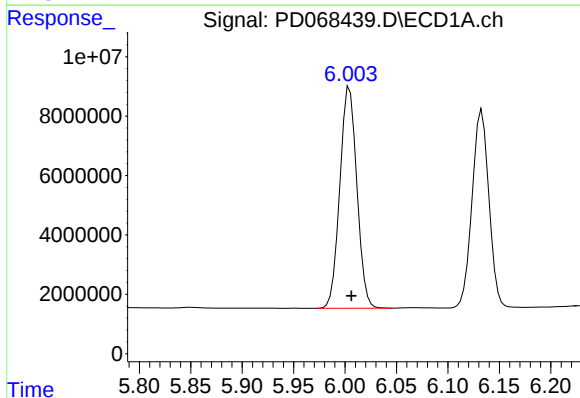
R.T.: 5.747 min  
Delta R.T.: -0.002 min  
Response: 94897996  
Conc: 64.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



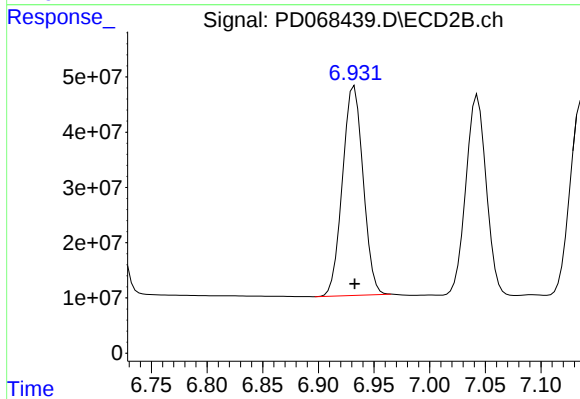
#13 Dieldrin

R.T.: 6.712 min  
Delta R.T.: 0.000 min  
Response: 596493418  
Conc: 57.88 ng/ml



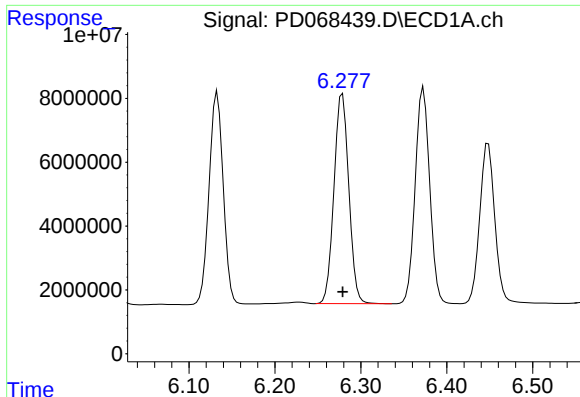
#14 Endrin

R.T.: 6.004 min  
Delta R.T.: -0.002 min  
Response: 85920437  
Conc: 69.55 ng/ml



#14 Endrin

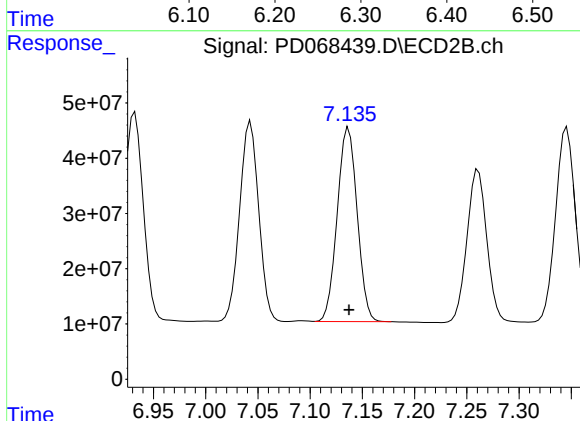
R.T.: 6.932 min  
Delta R.T.: 0.000 min  
Response: 489596860  
Conc: 63.66 ng/ml



#15 Endosulfan II

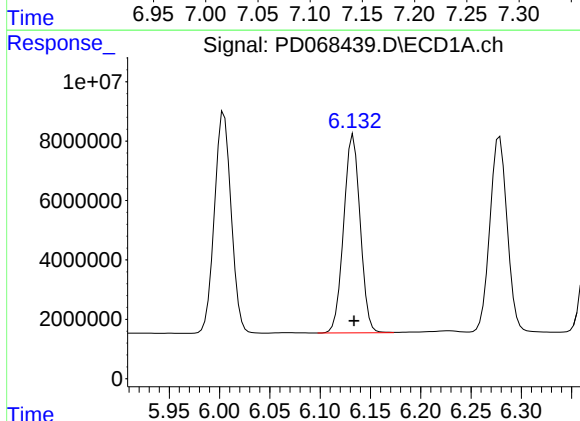
R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 78619449  
Conc: 61.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



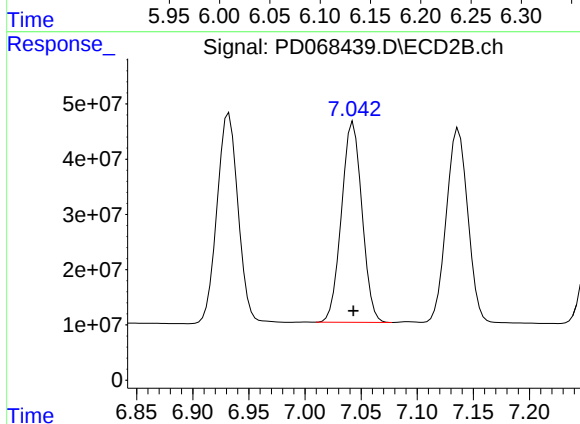
#15 Endosulfan II

R.T.: 7.137 min  
Delta R.T.: 0.000 min  
Response: 466661940  
Conc: 56.79 ng/ml



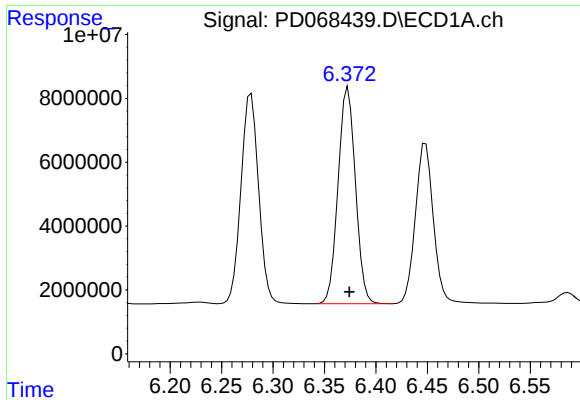
#16 4,4'-DDD

R.T.: 6.133 min  
Delta R.T.: 0.000 min  
Response: 76045761  
Conc: 64.12 ng/ml



#16 4,4'-DDD

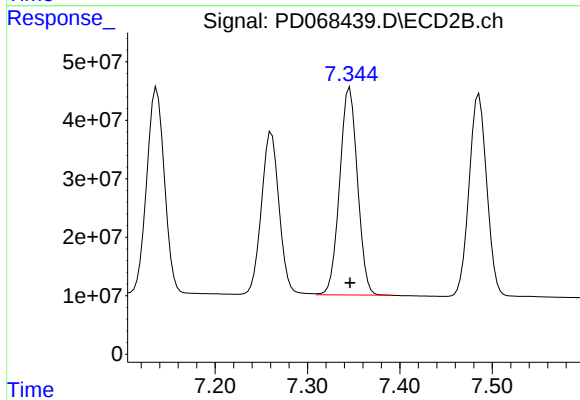
R.T.: 7.043 min  
Delta R.T.: 0.000 min  
Response: 461006884  
Conc: 58.58 ng/ml



#17 4,4'-DDT

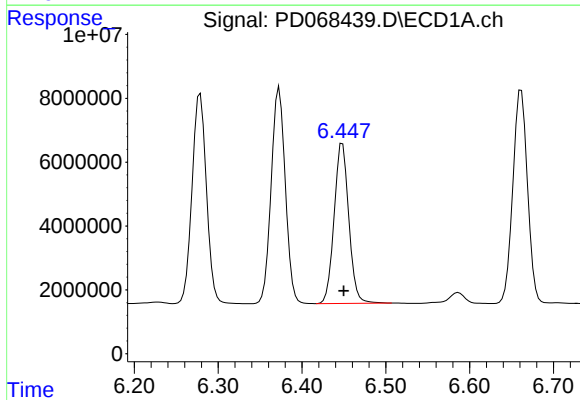
R.T.: 6.373 min  
Delta R.T.: -0.001 min  
Response: 79472220  
Conc: 72.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



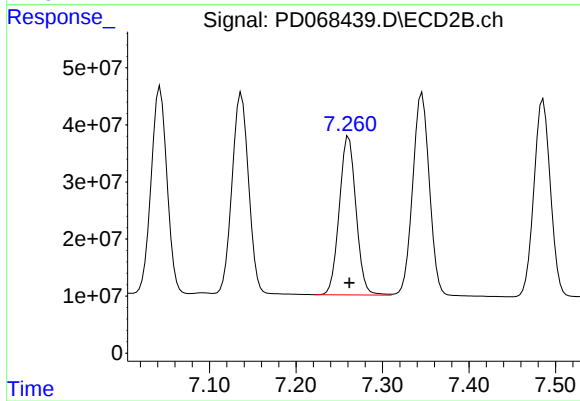
#17 4,4'-DDT

R.T.: 7.346 min  
Delta R.T.: 0.000 min  
Response: 475659789  
Conc: 67.23 ng/ml



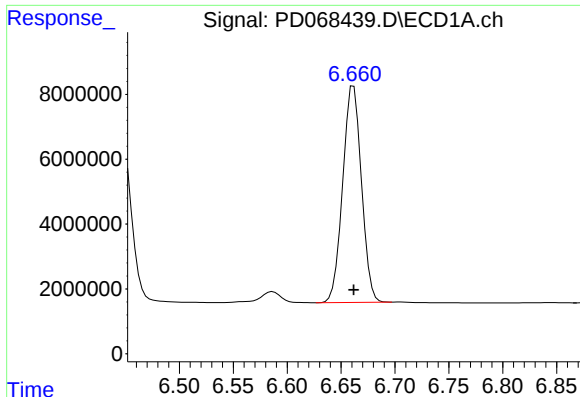
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: -0.002 min  
Response: 60903329  
Conc: 66.45 ng/ml



#18 Endrin aldehyde

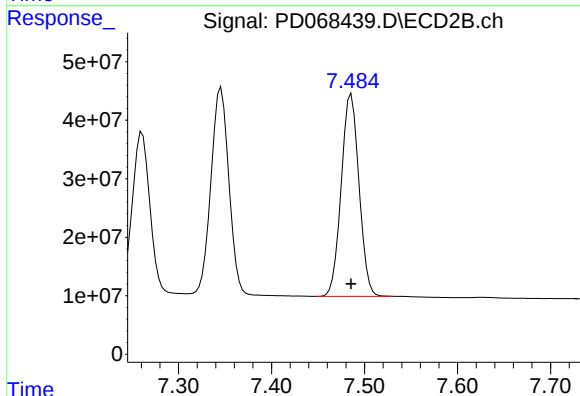
R.T.: 7.261 min  
Delta R.T.: 0.000 min  
Response: 370686653  
Conc: 61.60 ng/ml



#19 Endosulfan Sulfate

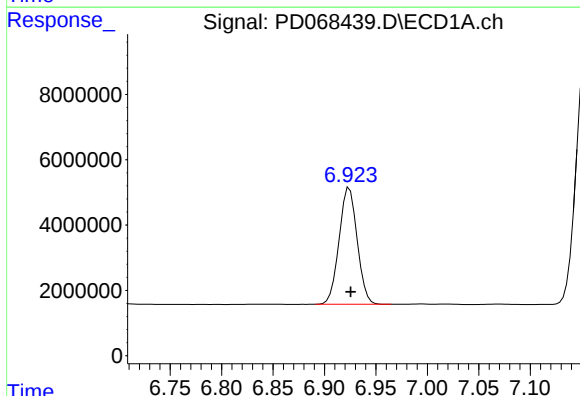
R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 80844712  
Conc: 64.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



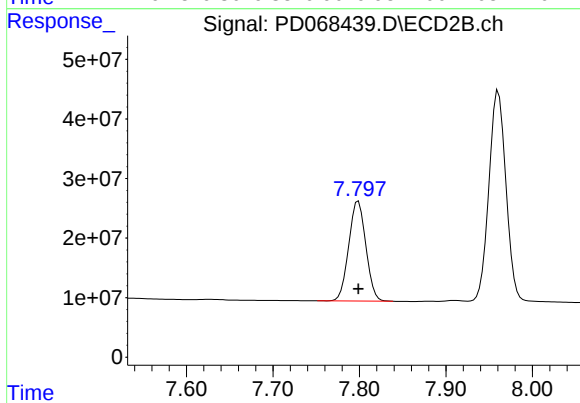
#19 Endosulfan Sulfate

R.T.: 7.486 min  
Delta R.T.: 0.000 min  
Response: 459507625  
Conc: 59.06 ng/ml



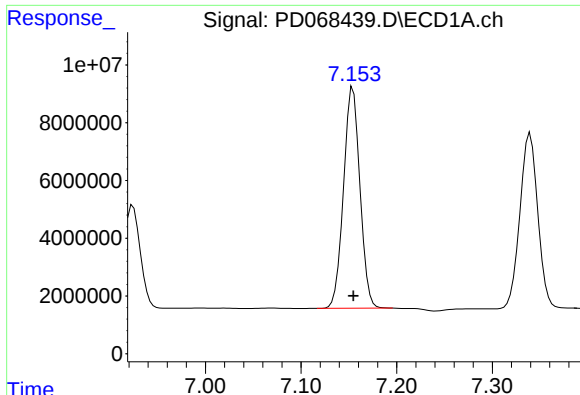
#20 Methoxychlor

R.T.: 6.924 min  
Delta R.T.: -0.001 min  
Response: 43669824  
Conc: 67.30 ng/ml



#20 Methoxychlor

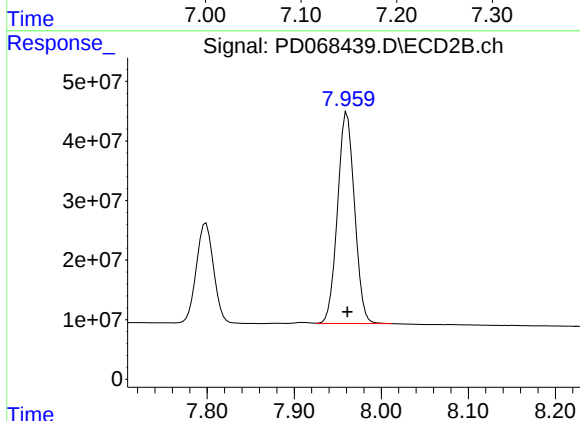
R.T.: 7.799 min  
Delta R.T.: 0.000 min  
Response: 230091291  
Conc: 66.22 ng/ml



#21 Endrin ketone

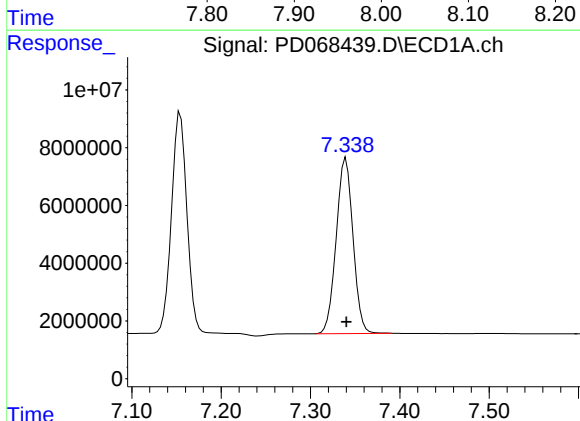
R.T.: 7.154 min  
Delta R.T.: 0.000 min  
Response: 91697707  
Conc: 62.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



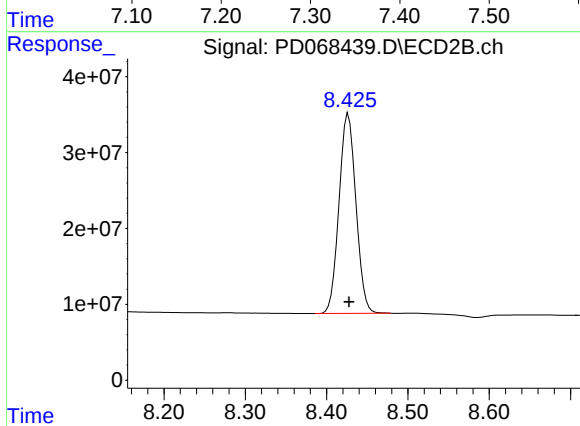
#21 Endrin ketone

R.T.: 7.961 min  
Delta R.T.: 0.000 min  
Response: 482027097  
Conc: 57.42 ng/ml



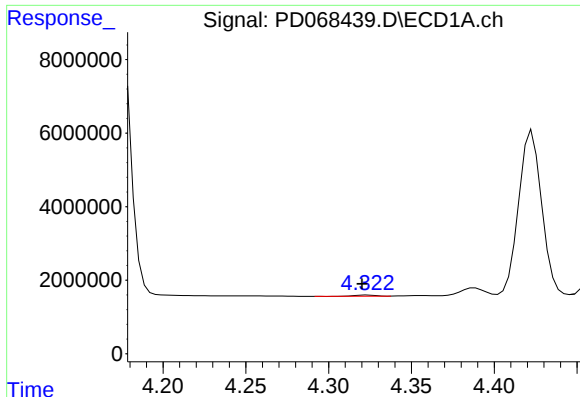
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 79333441  
Conc: 62.59 ng/ml



#22 Mirex

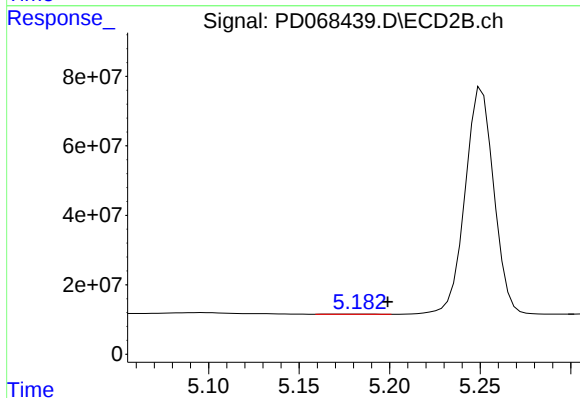
R.T.: 8.427 min  
Delta R.T.: 0.000 min  
Response: 379905649  
Conc: 59.40 ng/ml



#23 Chlordane-1

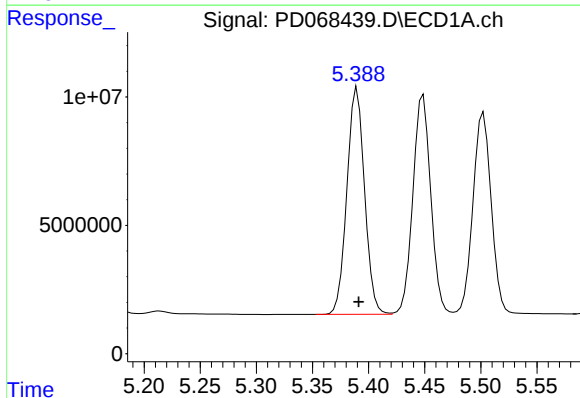
R.T.: 4.323 min  
Delta R.T.: 0.003 min  
Response: 255428  
Conc: 5.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



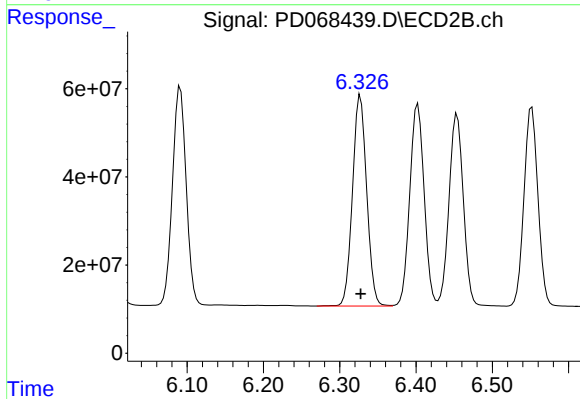
#23 Chlordane-1

R.T.: 5.177 min  
Delta R.T.: -0.021 min  
Response: 424464  
Conc: 1.05 ng/ml



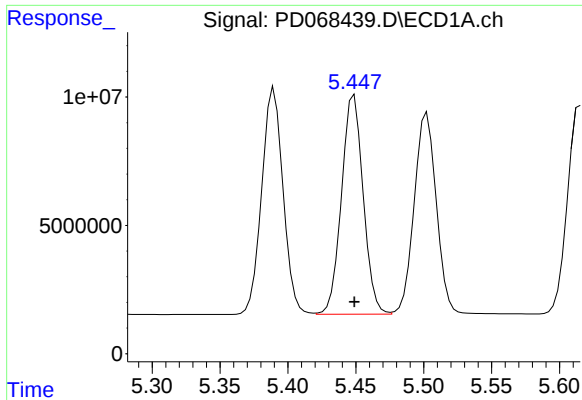
#25 Chlordane-3

R.T.: 5.390 min  
Delta R.T.: -0.001 min  
Response: 96512129  
Conc: 674.60 ng/ml



#25 Chlordane-3

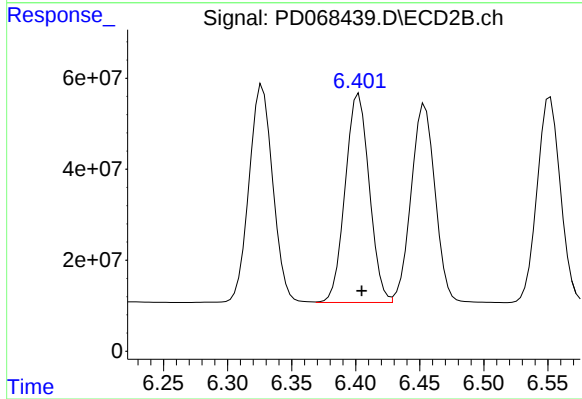
R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 618599822  
Conc: 434.99 ng/ml



#26 Chlordane-4

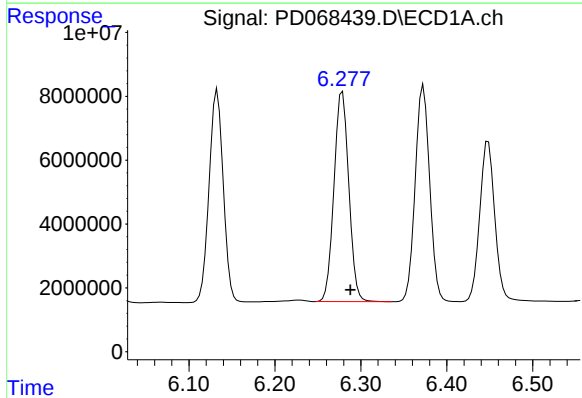
R.T.: 5.449 min  
Delta R.T.: 0.000 min  
Response: 94774086  
Conc: 775.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



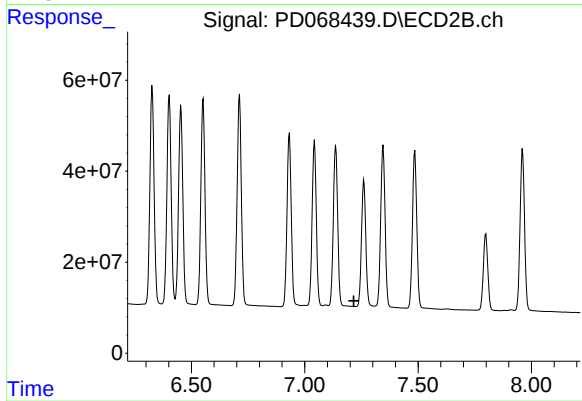
#26 Chlordane-4

R.T.: 6.402 min  
Delta R.T.: -0.002 min  
Response: 600185756  
Conc: 372.38 ng/ml



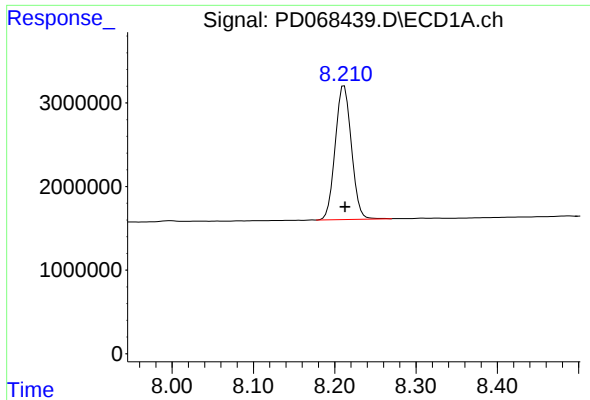
#27 Chlordane-5

R.T.: 6.279 min  
Delta R.T.: -0.009 min  
Response: 78619449  
Conc: 1596.12 ng/ml



#27 Chlordane-5

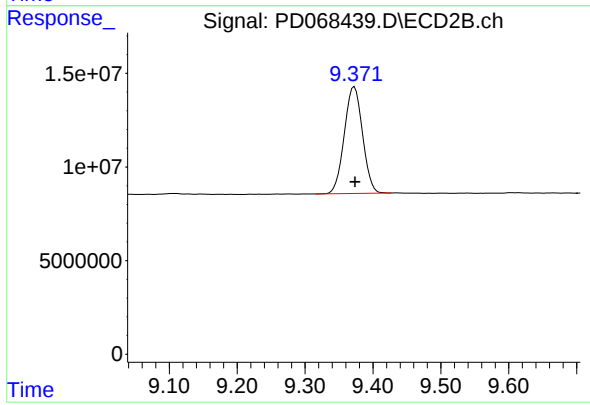
R.T.: 0.000 min  
Exp R.T. : 7.216 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.212 min  
Delta R.T.: -0.001 min  
Response: 22132036  
Conc: 19.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.373 min  
Delta R.T.: 0.000 min  
Response: 106509866  
Conc: 17.96 ng/ml