

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010622\  
 Data File : PD067628.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jan 2022 12:47  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 06 00:11:55 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PD122821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 28 03:00:50 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 x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2  | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|---------|----------|------------|
| -----                       |                 |        |        |          |         |          |            |
| System Monitoring Compounds |                 |        |        |          |         |          |            |
| 1)                          | SA Tetrachlo... | 3.433  | 3.963  | 94428734 | 344.8E6 | 51.963   | 52.264     |
| 28)                         | SA Decachlor... | 8.156  | 9.018  | 40714941 | 224.8E6 | 45.835   | 47.303     |
| Target Compounds            |                 |        |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.870  | 4.357  | 154.8E6  | 489.1E6 | 53.677   | 52.720     |
| 3)                          | MA gamma-BHC... | 4.151  | 4.642  | 141.2E6  | 444.7E6 | 53.105   | 52.764     |
| 4)                          | MA Heptachlor   | 4.444  | 5.142  | 138.9E6  | 397.9E6 | 51.062   | 51.858     |
| 5)                          | MB Aldrin       | 4.689  | 5.445  | 144.9E6  | 384.6E6 | 52.349   | 51.864     |
| 6)                          | B beta-BHC      | 4.400  | 4.820  | 55919178 | 199.5E6 | 50.882   | 51.150     |
| 7)                          | B delta-BHC     | 4.602  | 5.035  | 134.5E6  | 420.9E6 | 52.122   | 56.163     |
| 8)                          | B Heptachlo...  | 5.130  | 5.834  | 130.3E6  | 306.6E6 | 52.877   | 57.432     |
| 9)                          | A Endosulfan I  | 5.465  | 6.191  | 118.4E6  | 317.9E6 | 53.199   | 52.516     |
| 10)                         | B gamma-Chl...  | 5.353  | 6.068  | 129.0E6  | 339.6E6 | 52.163   | 52.342     |
| 11)                         | B alpha-Chl...  | 5.411  | 6.139  | 126.1E6  | 336.2E6 | 52.150   | 51.857     |
| 12)                         | B 4,4'-DDE      | 5.575  | 6.300  | 118.2E6  | 331.8E6 | 53.399   | 53.868     |
| 13)                         | MA Dieldrin     | 5.707  | 6.449  | 125.4E6  | 348.8E6 | 51.925   | 52.506     |
| 14)                         | MA Endrin       | 5.965  | 6.667  | 99192990 | 265.4E6 | 47.220   | 47.870     |
| 15)                         | B Endosulfa...  | 6.238  | 6.883  | 97505028 | 290.6E6 | 48.622   | 48.893     |
| 16)                         | A 4,4'-DDD      | 6.090  | 6.794  | 93857713 | 278.4E6 | 54.632   | 55.613     |
| 17)                         | MA 4,4'-DDT     | 6.328  | 7.091  | 86421681 | 266.6E6 | 52.889   | 49.829     |
| 18)                         | B Endrin al...  | 6.406  | 7.007  | 73694124 | 229.9E6 | 48.496   | 50.965     |
| 19)                         | B Endosulfa...  | 6.618  | 7.230  | 82335327 | 273.4E6 | 50.998   | 50.027     |
| 20)                         | A Methoxychlor  | 6.875  | 7.554  | 42844196 | 145.3E6 | 50.471   | 50.078     |
| 21)                         | B Endrin ke...  | 7.110  | 7.703  | 91229885 | 320.6E6 | 53.306   | 51.097     |
| 22)                         | Mirex           | 7.290  | 8.149  | 60123732 | 212.8E6 | 50.266   | 49.004     |
| 23)                         | Chlordane-1     | 4.323f | 0.000  | 3595091  | 0       | 45.526   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.445f | 0        | 384.6E6 | N.D.     | 1401.554 # |
| 25)                         | Chlordane-3     | 5.353  | 6.068  | 129.0E6  | 339.6E6 | 483.663  | 352.525 #  |
| 26)                         | Chlordane-4     | 5.411  | 6.139  | 126.1E6  | 336.2E6 | 573.014  | 294.436 #  |
| 27)                         | Chlordane-5     | 6.238  | 0.000  | 97505028 | 0       | 1126.297 | N.D. #     |
| -----                       |                 |        |        |          |         |          |            |

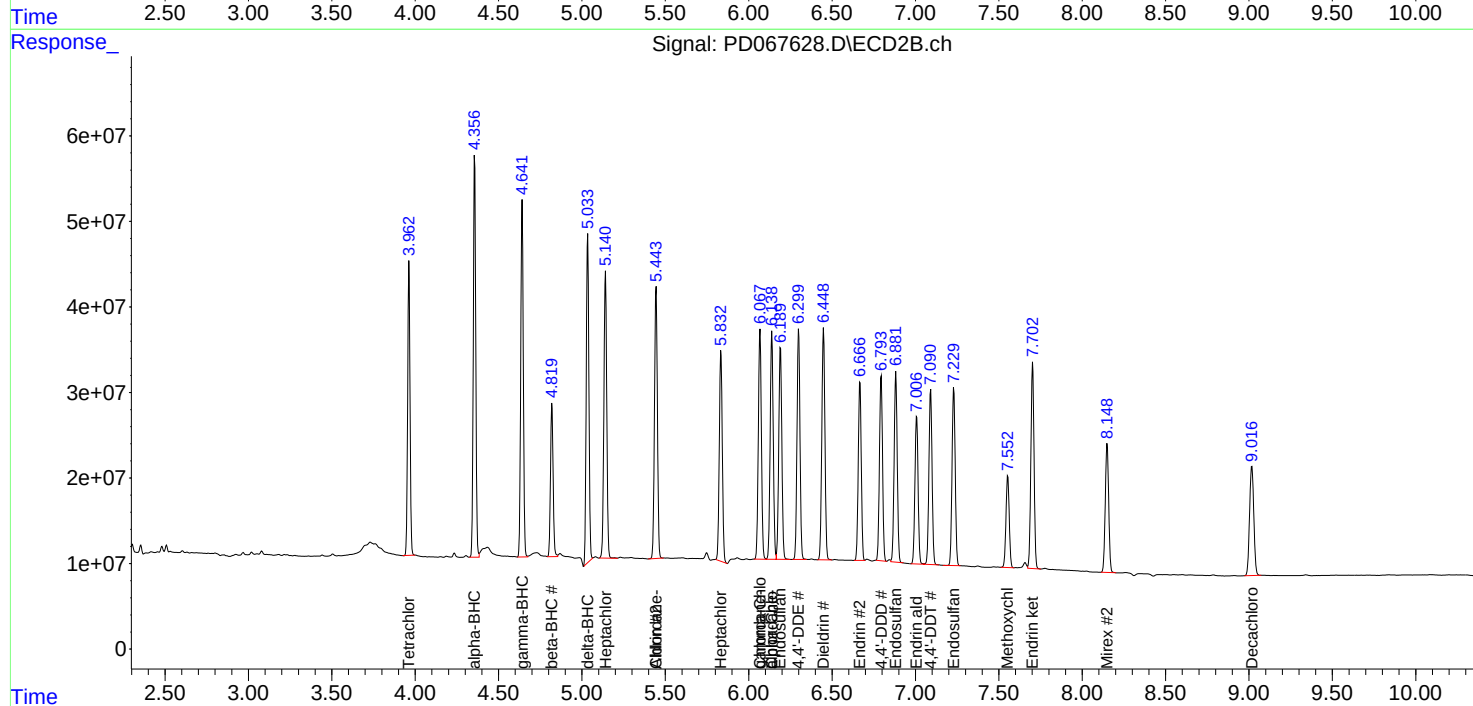
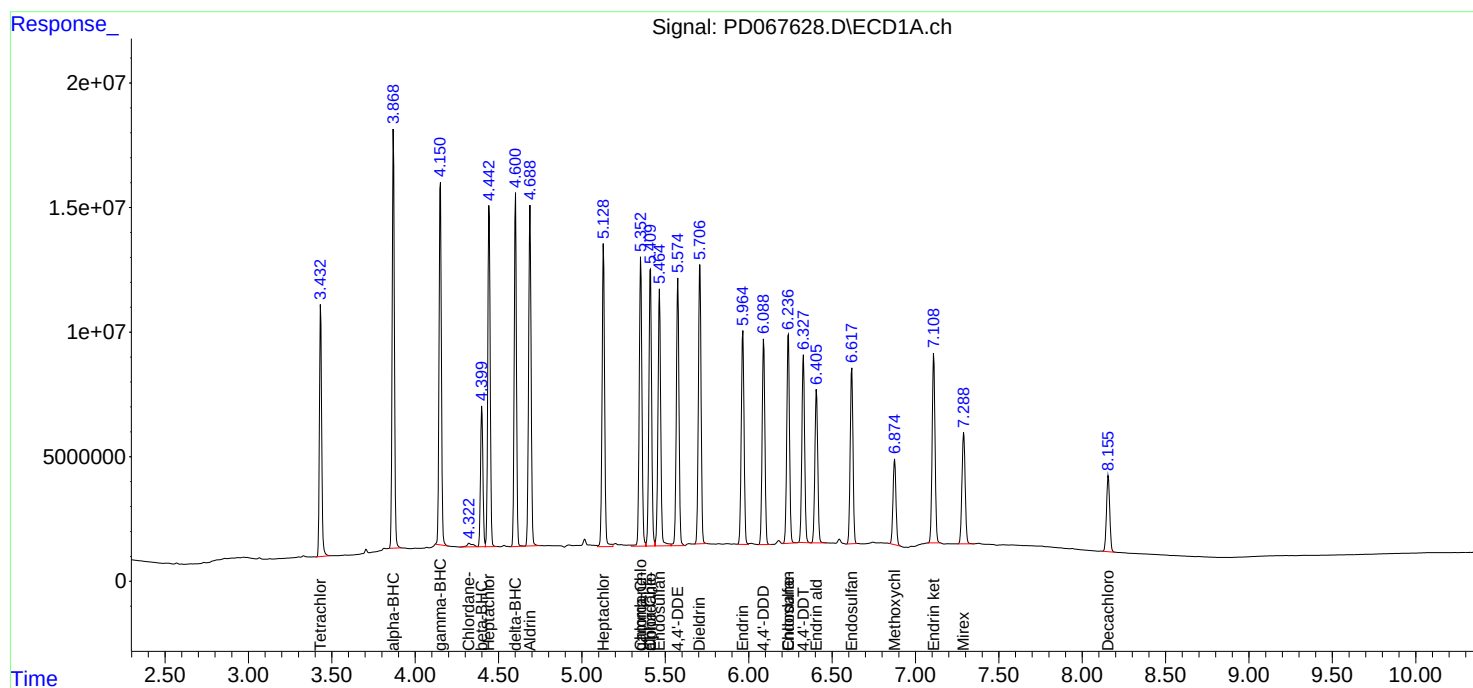
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

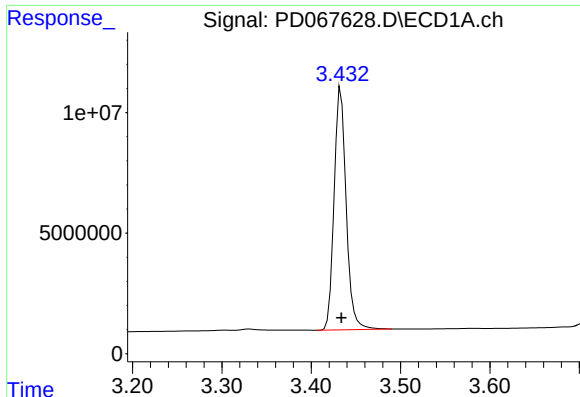
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010622\  
Data File : PD067628.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jan 2022 12:47  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 06 00:11:55 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PD122821.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 28 03:00:50 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 x0.5µm

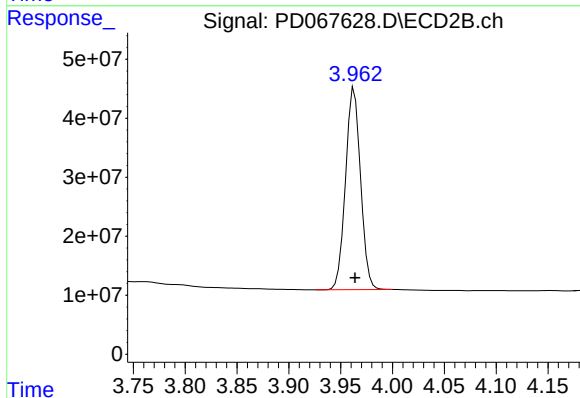




#1 Tetrachloro-m-xylene

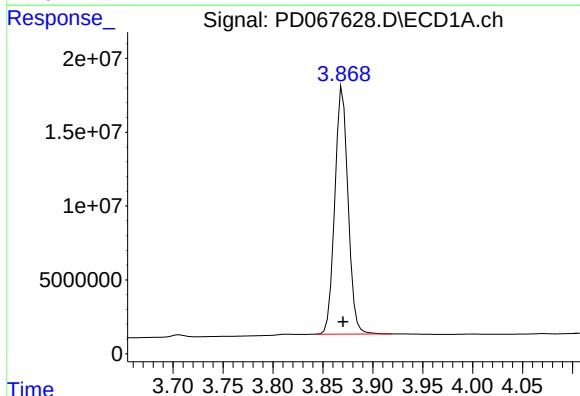
R.T.: 3.433 min  
Delta R.T.: 0.000 min  
Response: 94428734  
Conc: 51.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



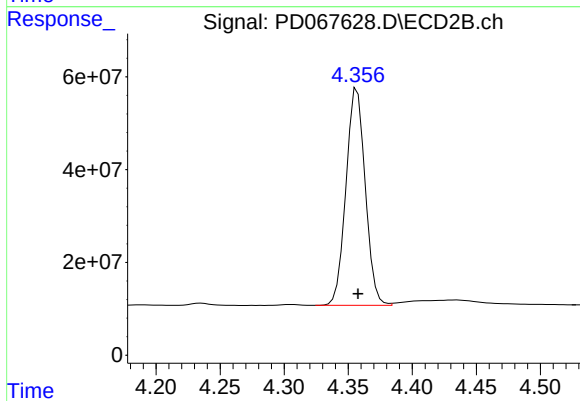
#1 Tetrachloro-m-xylene

R.T.: 3.963 min  
Delta R.T.: 0.000 min  
Response: 344848945  
Conc: 52.26 ng/ml



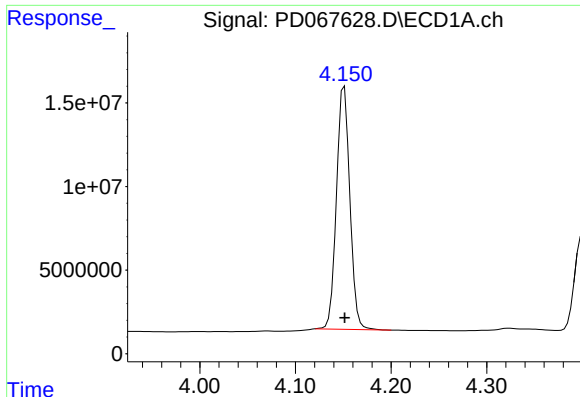
#2 alpha-BHC

R.T.: 3.870 min  
Delta R.T.: 0.000 min  
Response: 154809491  
Conc: 53.68 ng/ml



#2 alpha-BHC

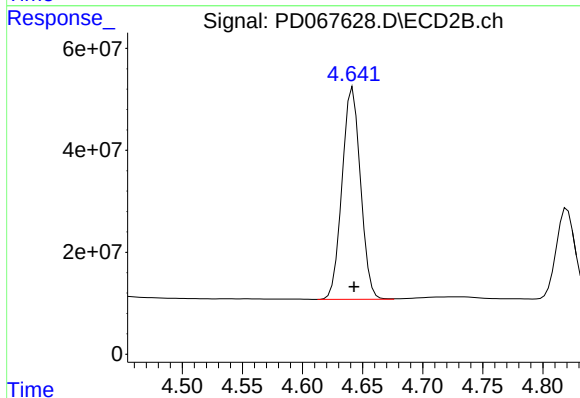
R.T.: 4.357 min  
Delta R.T.: 0.000 min  
Response: 489143056  
Conc: 52.72 ng/ml



#3 gamma-BHC (Lindane)

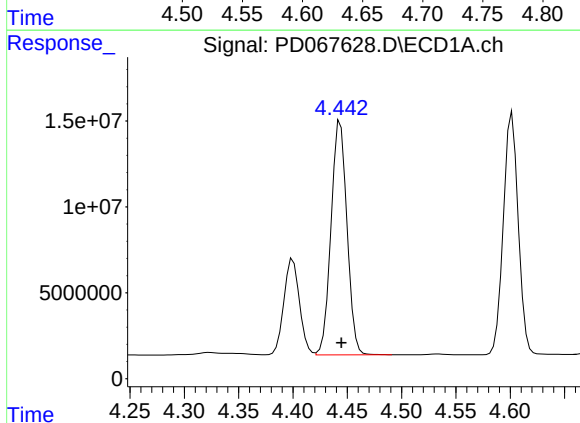
R.T.: 4.151 min  
Delta R.T.: 0.000 min  
Response: 141239832  
Conc: 53.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



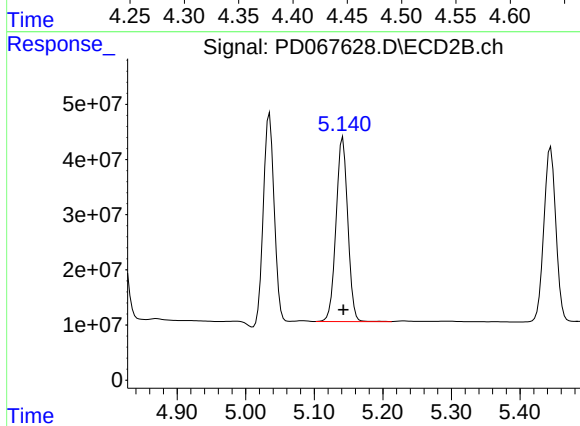
#3 gamma-BHC (Lindane)

R.T.: 4.642 min  
Delta R.T.: -0.001 min  
Response: 444684719  
Conc: 52.76 ng/ml



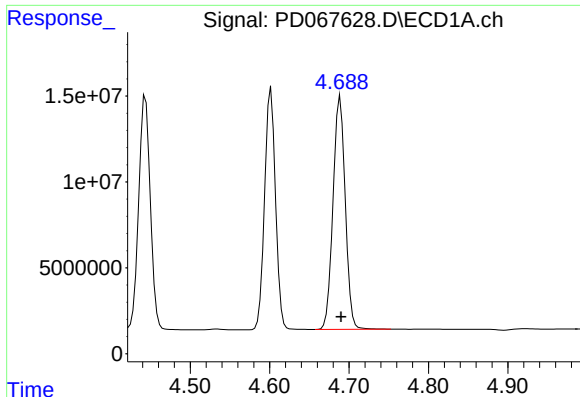
#4 Heptachlor

R.T.: 4.444 min  
Delta R.T.: 0.000 min  
Response: 138858913  
Conc: 51.06 ng/ml



#4 Heptachlor

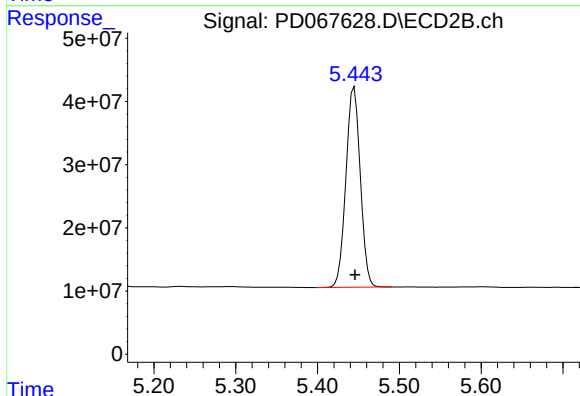
R.T.: 5.142 min  
Delta R.T.: 0.000 min  
Response: 397851855  
Conc: 51.86 ng/ml



#5 Aldrin

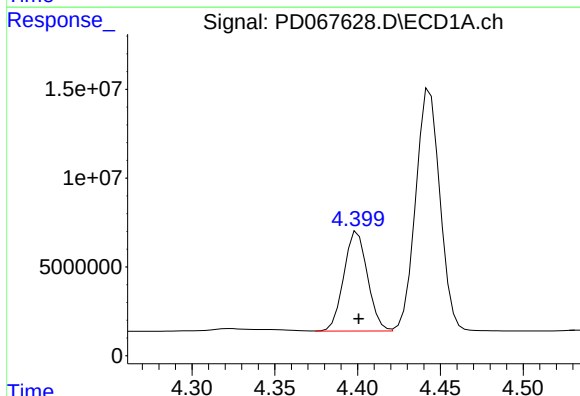
R.T.: 4.689 min  
Delta R.T.: -0.001 min  
Response: 144892877  
Conc: 52.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



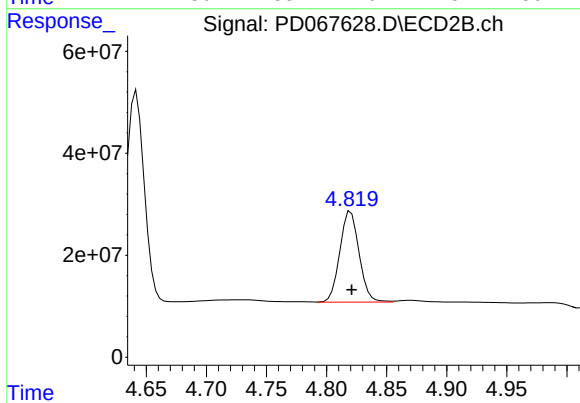
#5 Aldrin

R.T.: 5.445 min  
Delta R.T.: 0.000 min  
Response: 384568761  
Conc: 51.86 ng/ml



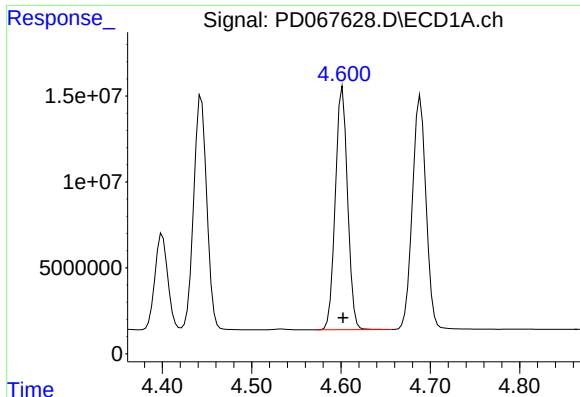
#6 beta-BHC

R.T.: 4.400 min  
Delta R.T.: 0.000 min  
Response: 55919178  
Conc: 50.88 ng/ml



#6 beta-BHC

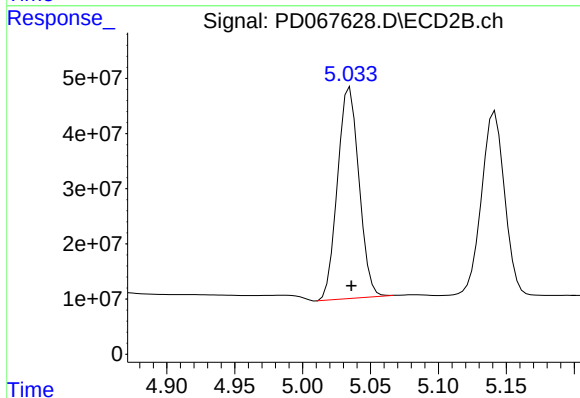
R.T.: 4.820 min  
Delta R.T.: 0.000 min  
Response: 199452167  
Conc: 51.15 ng/ml



#7 delta-BHC

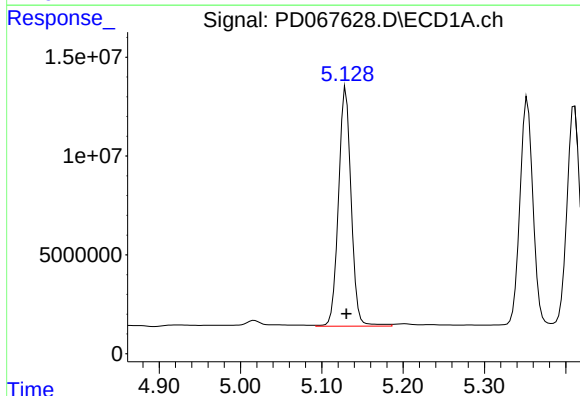
R.T.: 4.602 min  
Delta R.T.: 0.000 min  
Response: 134492440  
Conc: 52.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



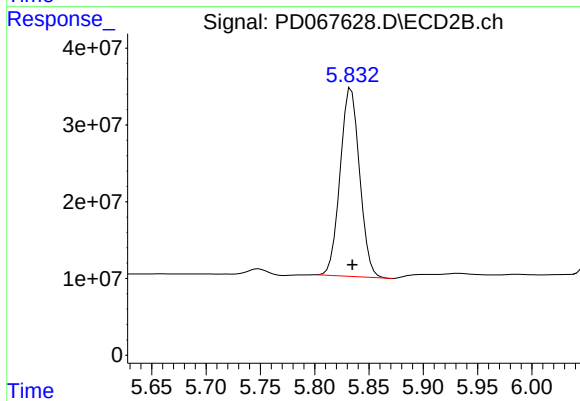
#7 delta-BHC

R.T.: 5.035 min  
Delta R.T.: -0.001 min  
Response: 420910802  
Conc: 56.16 ng/ml



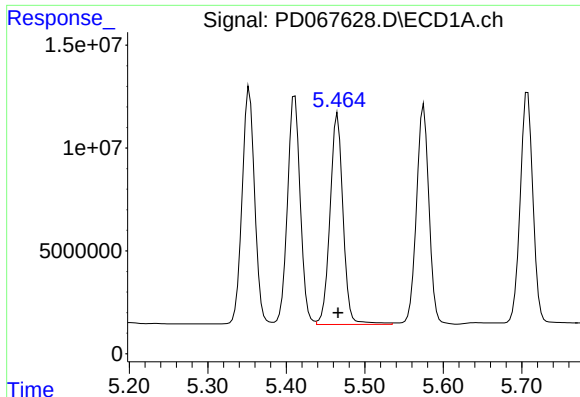
#8 Heptachlor epoxide

R.T.: 5.130 min  
Delta R.T.: 0.000 min  
Response: 130303572  
Conc: 52.88 ng/ml



#8 Heptachlor epoxide

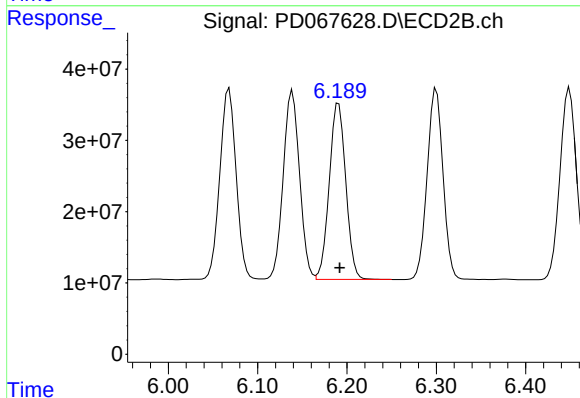
R.T.: 5.834 min  
Delta R.T.: -0.001 min  
Response: 306554993  
Conc: 57.43 ng/ml



#9 Endosulfan I

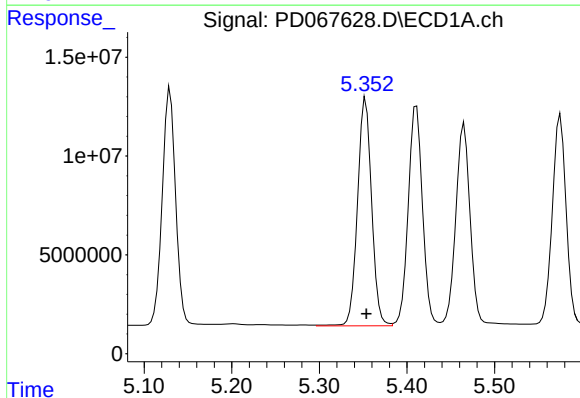
R.T.: 5.465 min  
Delta R.T.: 0.000 min  
Response: 118363145  
Conc: 53.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



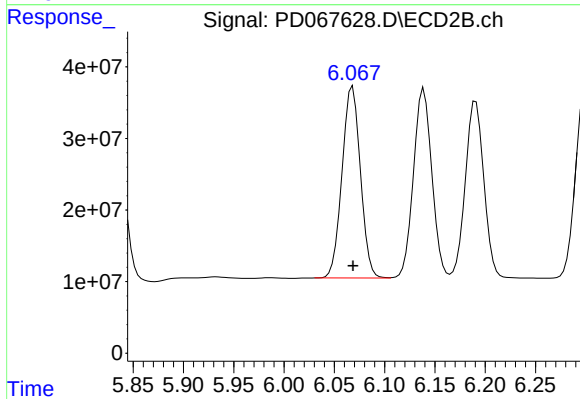
#9 Endosulfan I

R.T.: 6.191 min  
Delta R.T.: -0.001 min  
Response: 317931096  
Conc: 52.52 ng/ml



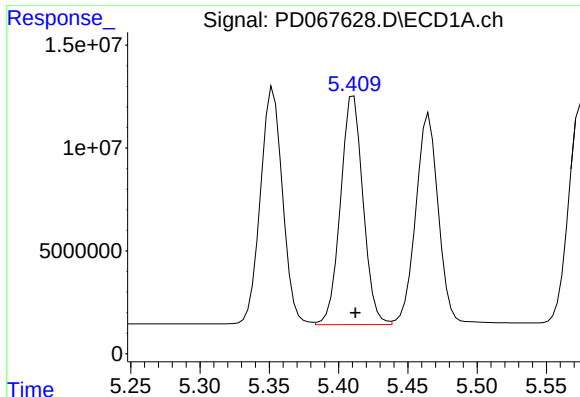
#10 gamma-Chlordane

R.T.: 5.353 min  
Delta R.T.: 0.000 min  
Response: 128959965  
Conc: 52.16 ng/ml



#10 gamma-Chlordane

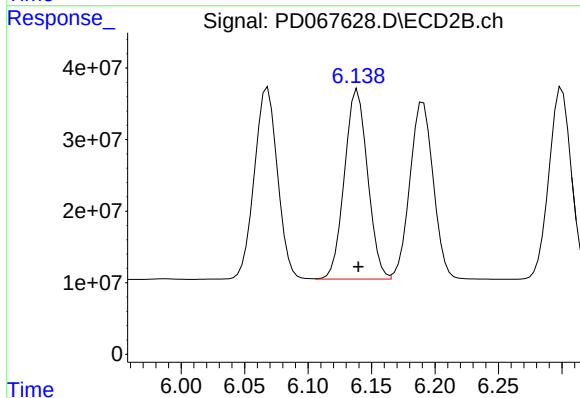
R.T.: 6.068 min  
Delta R.T.: 0.000 min  
Response: 339553597  
Conc: 52.34 ng/ml



#11 alpha-Chlordane

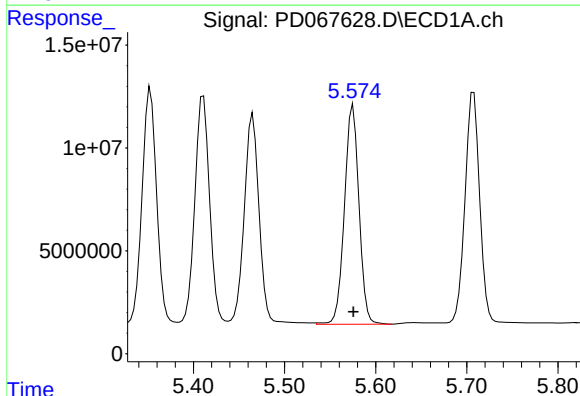
R.T.: 5.411 min  
Delta R.T.: -0.001 min  
Response: 126091351  
Conc: 52.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



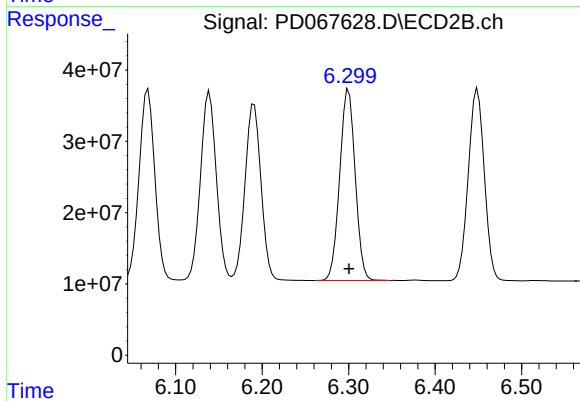
#11 alpha-Chlordane

R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 336156178  
Conc: 51.86 ng/ml



#12 4,4'-DDE

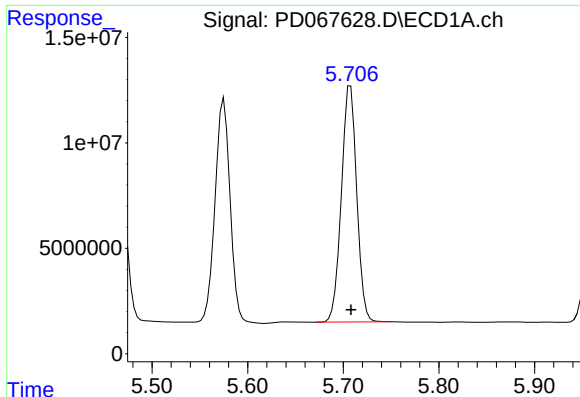
R.T.: 5.575 min  
Delta R.T.: 0.000 min  
Response: 118217701  
Conc: 53.40 ng/ml



#12 4,4'-DDE

R.T.: 6.300 min  
Delta R.T.: 0.000 min  
Response: 331806303  
Conc: 53.87 ng/ml

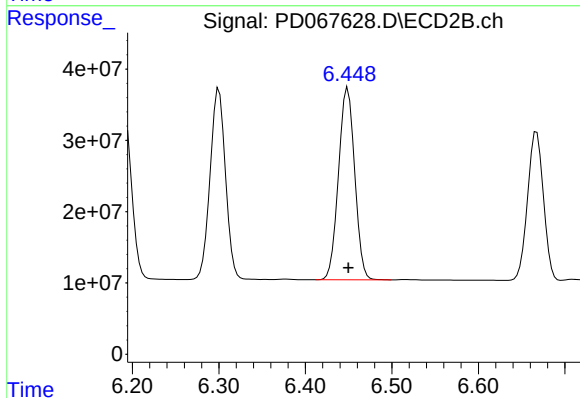




#13 Dieldrin

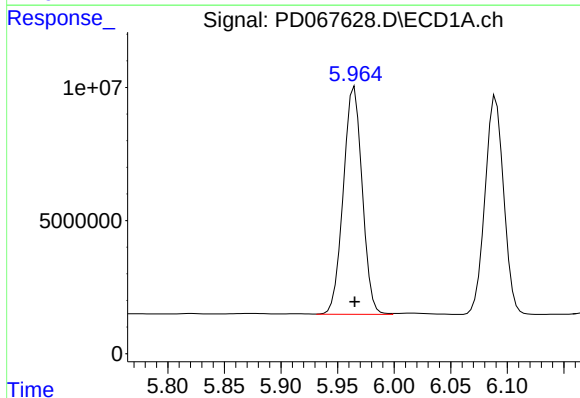
R.T.: 5.707 min  
Delta R.T.: 0.000 min  
Response: 125363253  
Conc: 51.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



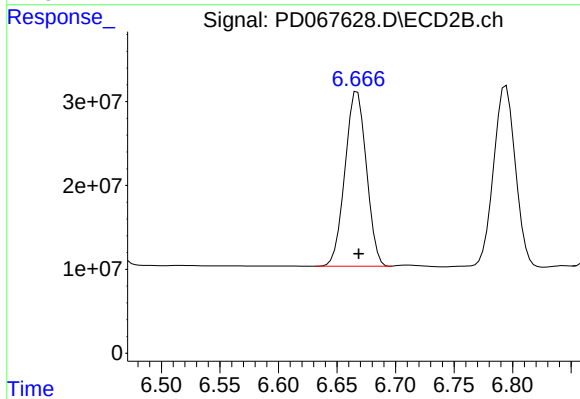
#13 Dieldrin

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 348789787  
Conc: 52.51 ng/ml



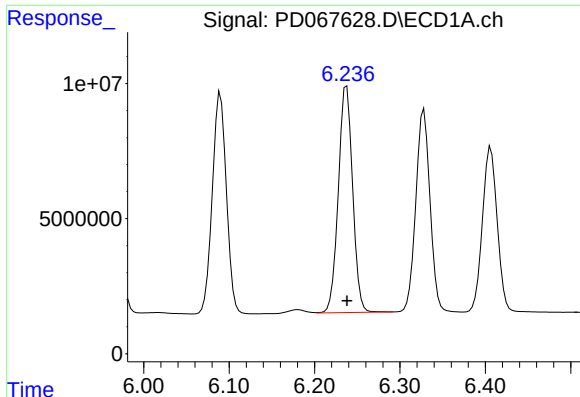
#14 Endrin

R.T.: 5.965 min  
Delta R.T.: 0.000 min  
Response: 99192990  
Conc: 47.22 ng/ml



#14 Endrin

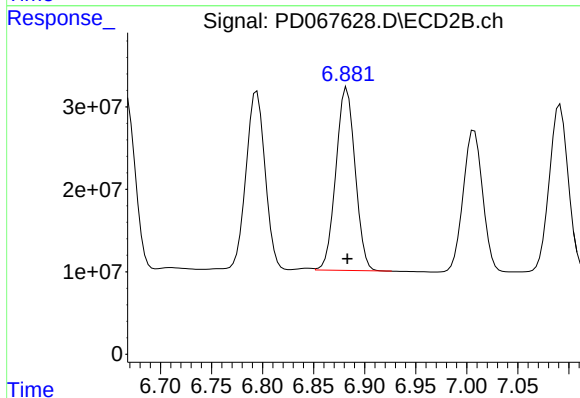
R.T.: 6.667 min  
Delta R.T.: -0.001 min  
Response: 265382847  
Conc: 47.87 ng/ml



#15 Endosulfan II

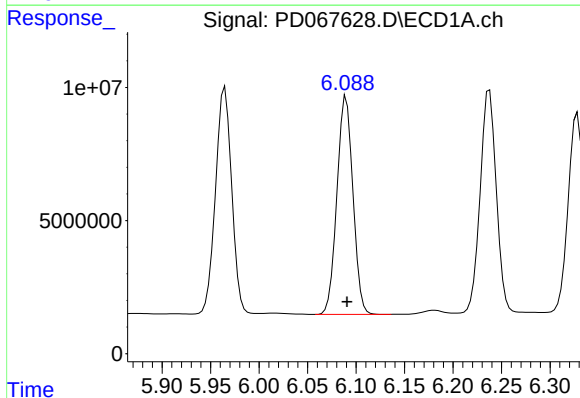
R.T.: 6.238 min  
Delta R.T.: 0.000 min  
Response: 97505028  
Conc: 48.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



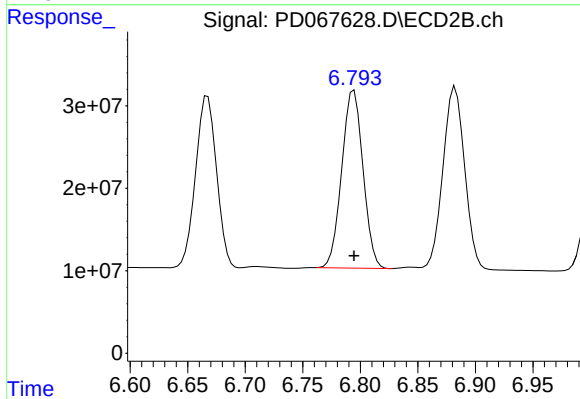
#15 Endosulfan II

R.T.: 6.883 min  
Delta R.T.: 0.000 min  
Response: 290597500  
Conc: 48.89 ng/ml



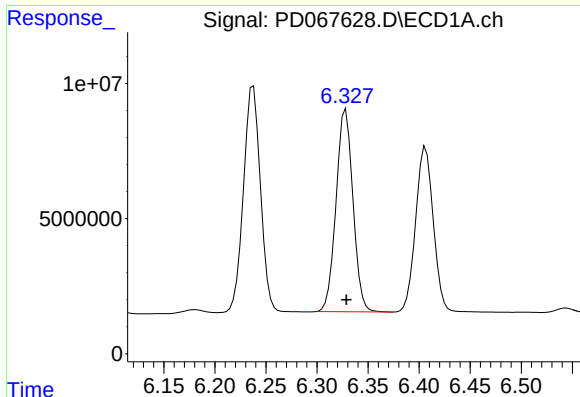
#16 4,4'-DDD

R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 93857713  
Conc: 54.63 ng/ml



#16 4,4'-DDD

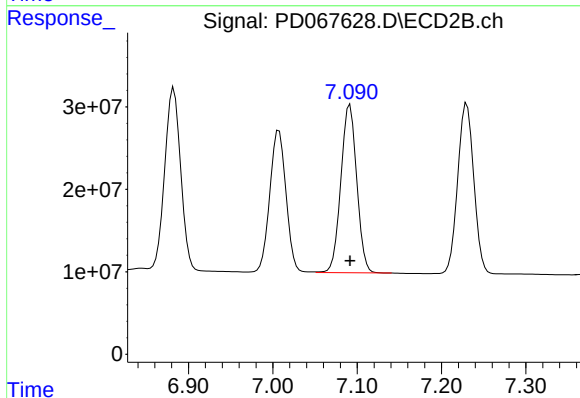
R.T.: 6.794 min  
Delta R.T.: 0.000 min  
Response: 278392313  
Conc: 55.61 ng/ml



#17 4,4'-DDT

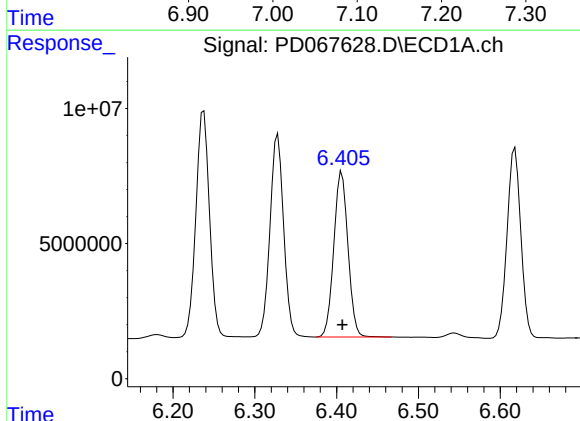
R.T.: 6.328 min  
Delta R.T.: 0.000 min  
Response: 86421681  
Conc: 52.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



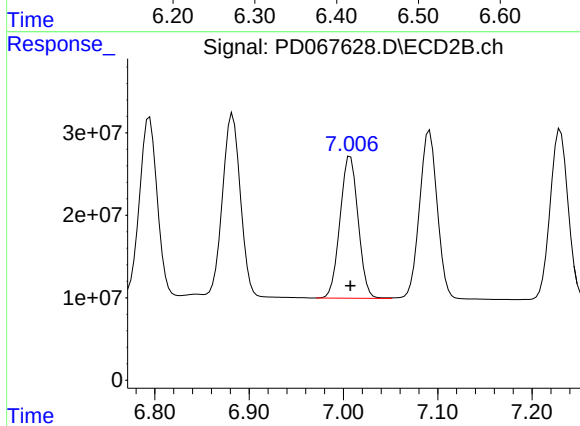
#17 4,4'-DDT

R.T.: 7.091 min  
Delta R.T.: 0.000 min  
Response: 266631161  
Conc: 49.83 ng/ml



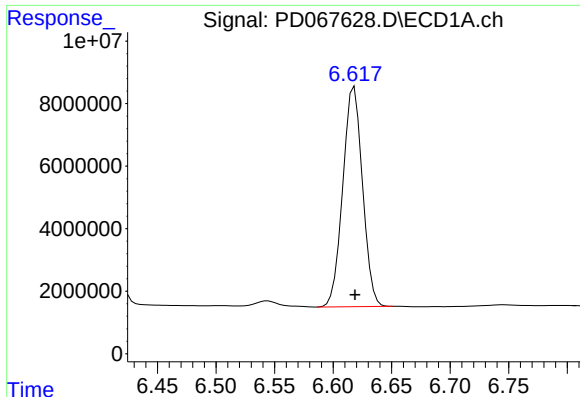
#18 Endrin aldehyde

R.T.: 6.406 min  
Delta R.T.: 0.000 min  
Response: 73694124  
Conc: 48.50 ng/ml



#18 Endrin aldehyde

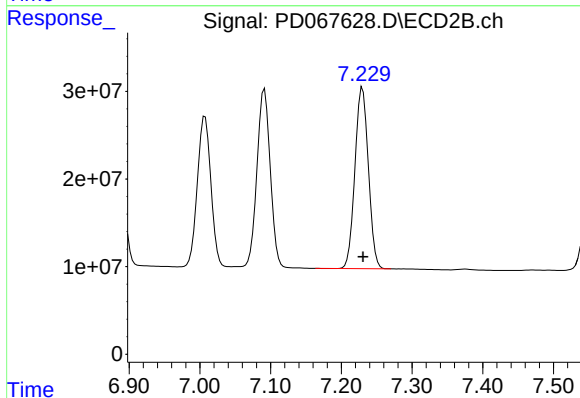
R.T.: 7.007 min  
Delta R.T.: 0.000 min  
Response: 229926393  
Conc: 50.96 ng/ml



#19 Endosulfan Sulfate

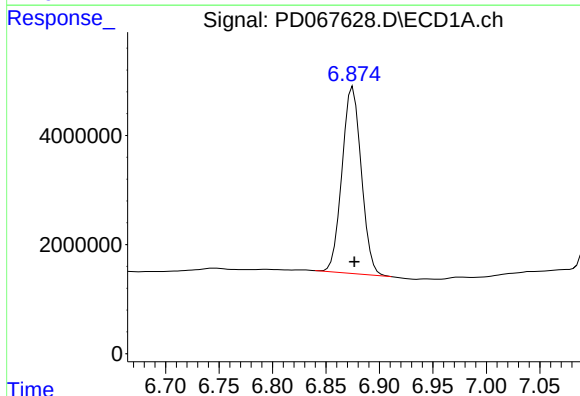
R.T.: 6.618 min  
Delta R.T.: 0.000 min  
Response: 82335327  
Conc: 51.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



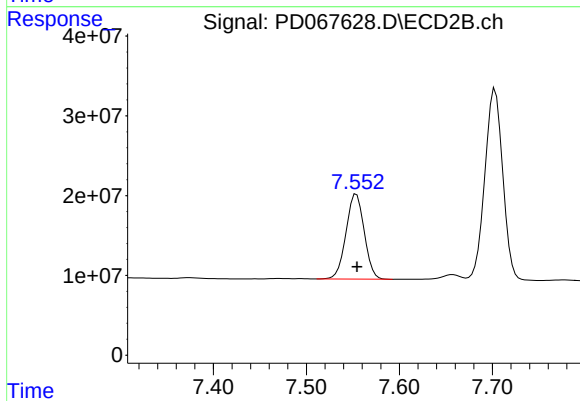
#19 Endosulfan Sulfate

R.T.: 7.230 min  
Delta R.T.: 0.000 min  
Response: 273419199  
Conc: 50.03 ng/ml



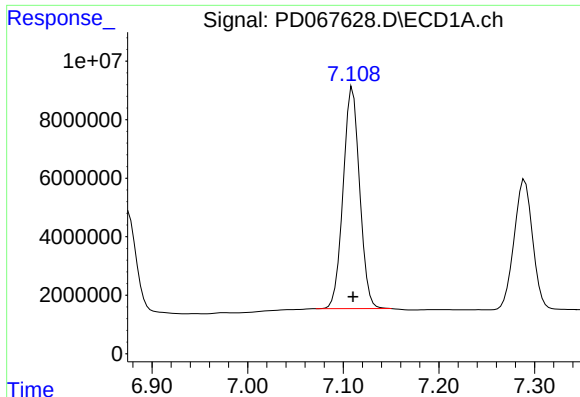
#20 Methoxychlor

R.T.: 6.875 min  
Delta R.T.: -0.001 min  
Response: 42844196  
Conc: 50.47 ng/ml



#20 Methoxychlor

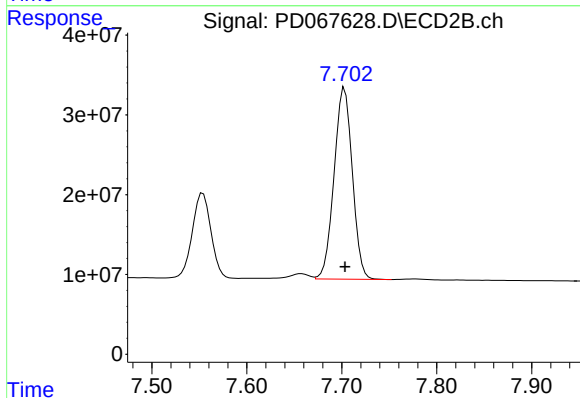
R.T.: 7.554 min  
Delta R.T.: 0.000 min  
Response: 145298547  
Conc: 50.08 ng/ml



#21 Endrin ketone

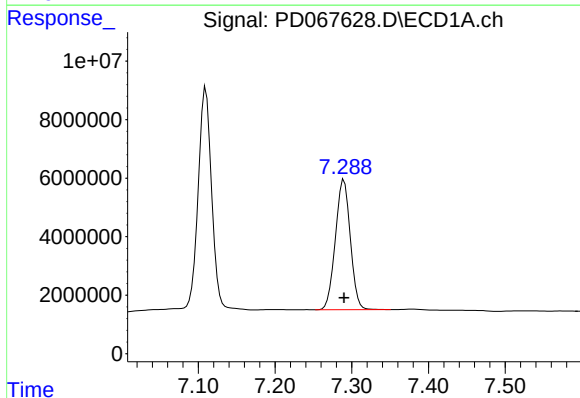
R.T.: 7.110 min  
Delta R.T.: 0.000 min  
Response: 91229885  
Conc: 53.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



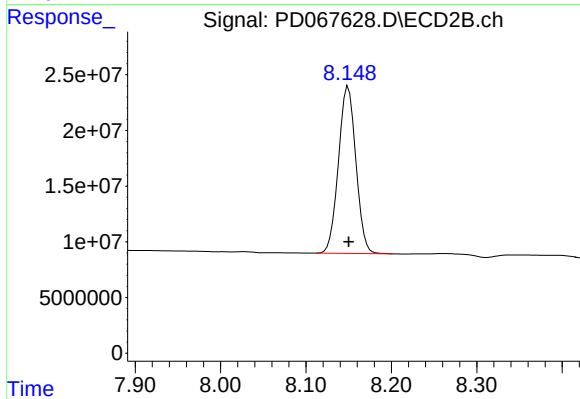
#21 Endrin ketone

R.T.: 7.703 min  
Delta R.T.: 0.000 min  
Response: 320646332  
Conc: 51.10 ng/ml



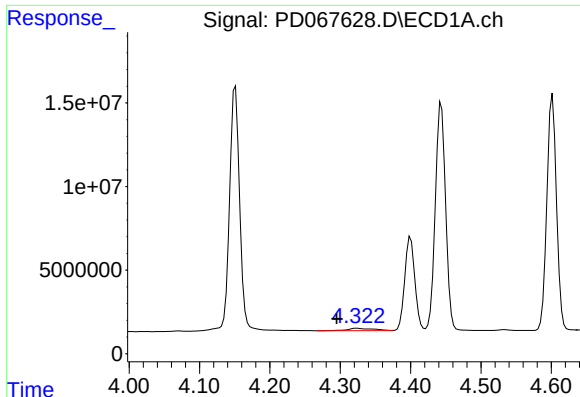
#22 Mirex

R.T.: 7.290 min  
Delta R.T.: 0.000 min  
Response: 60123732  
Conc: 50.27 ng/ml



#22 Mirex

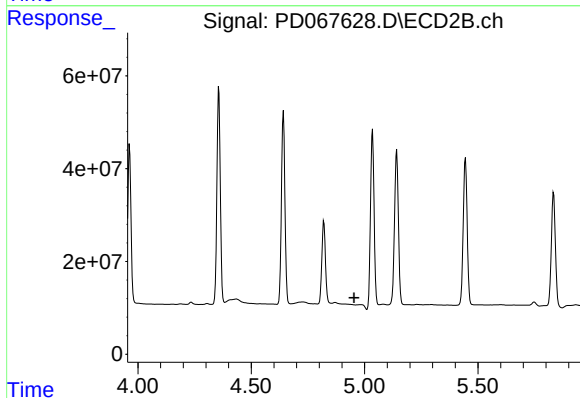
R.T.: 8.149 min  
Delta R.T.: 0.000 min  
Response: 212784053  
Conc: 49.00 ng/ml



#23 Chlordane-1

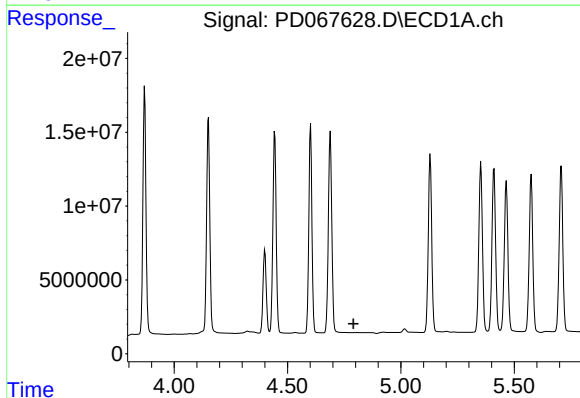
R.T.: 4.323 min  
Delta R.T.: 0.028 min  
Response: 3595091  
Conc: 45.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



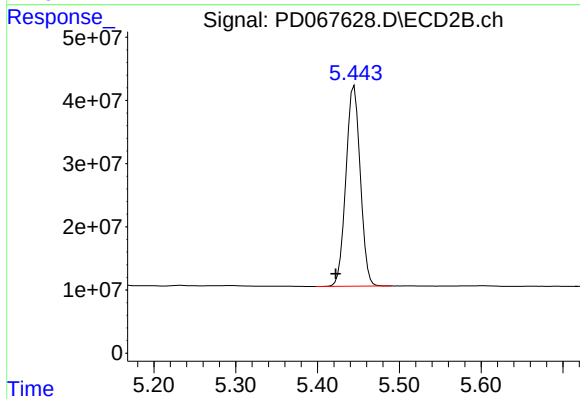
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.953 min  
Response: 0  
Conc: N.D.



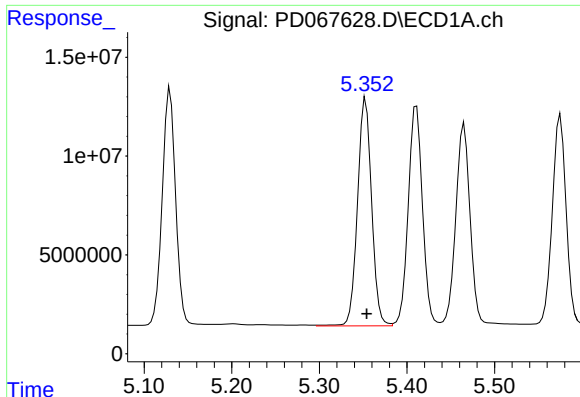
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.792 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

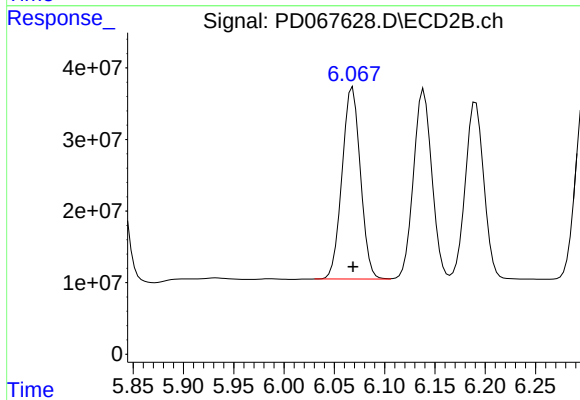
R.T.: 5.445 min  
Delta R.T.: 0.023 min  
Response: 384568761  
Conc: 1401.55 ng/ml



#25 Chlordane-3

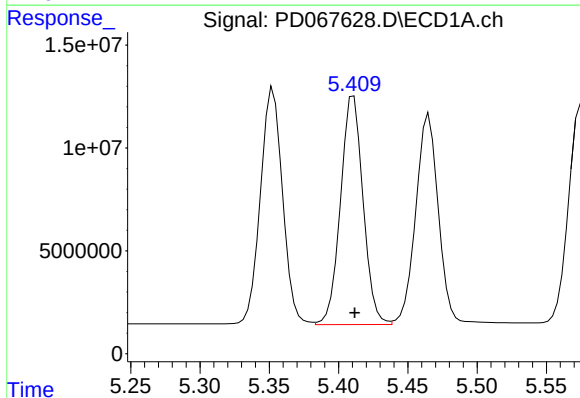
R.T.: 5.353 min  
Delta R.T.: -0.001 min  
Response: 128959965  
Conc: 483.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



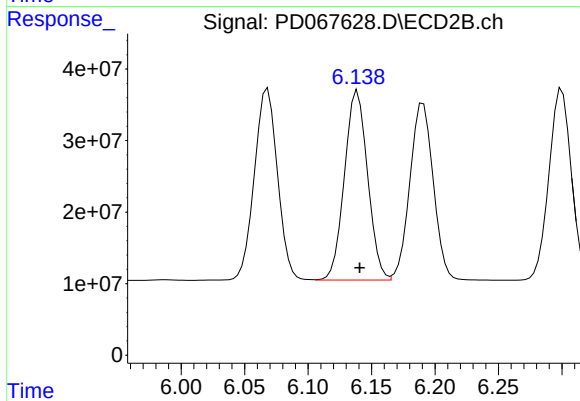
#25 Chlordane-3

R.T.: 6.068 min  
Delta R.T.: 0.000 min  
Response: 339553597  
Conc: 352.52 ng/ml



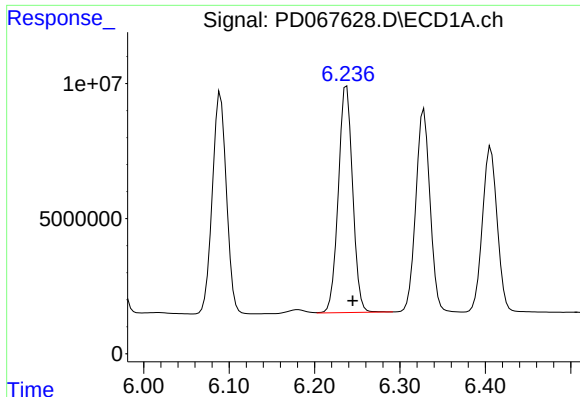
#26 Chlordane-4

R.T.: 5.411 min  
Delta R.T.: 0.000 min  
Response: 126091351  
Conc: 573.01 ng/ml



#26 Chlordane-4

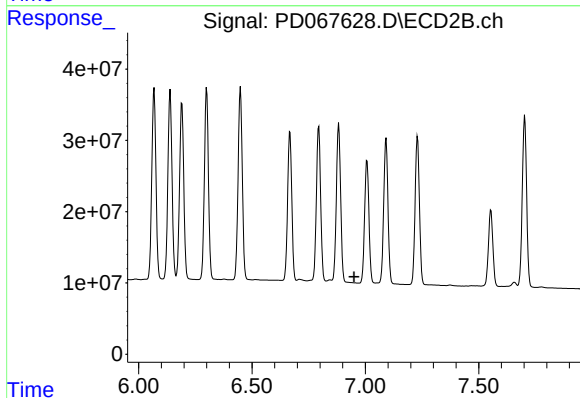
R.T.: 6.139 min  
Delta R.T.: -0.002 min  
Response: 336156178  
Conc: 294.44 ng/ml



#27 Chlordane-5

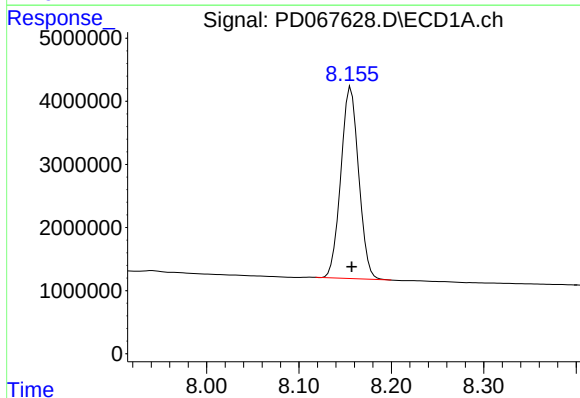
R.T.: 6.238 min  
Delta R.T.: -0.007 min  
Response: 97505028  
Conc: 1126.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



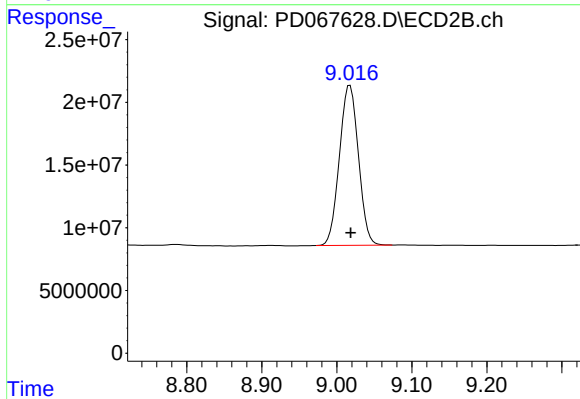
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.950 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.156 min  
Delta R.T.: 0.000 min  
Response: 40714941  
Conc: 45.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.018 min  
Delta R.T.: -0.001 min  
Response: 224809717  
Conc: 47.30 ng/ml