

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010622\  
 Data File : PD067623.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jan 2022 11:18  
 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 00:10:21 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... | 3.436 | 3.961  | 84257828 | 317.9E6 | 46.366   | 48.172     |
| 28)                         | SA Decachlor... | 8.160 | 9.019  | 36476406 | 210.2E6 | 41.064   | 44.232     |
| Target Compounds            |                 |       |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.873 | 4.355  | 136.3E6  | 472.2E6 | 47.277   | 50.893     |
| 3)                          | MA gamma-BHC... | 4.155 | 4.641  | 123.8E6  | 422.8E6 | 46.538   | 50.164     |
| 4)                          | MA Heptachlor   | 4.447 | 5.141  | 124.1E6  | 363.0E6 | 45.622   | 47.317     |
| 5)                          | MB Aldrin       | 4.692 | 5.444  | 129.4E6  | 349.1E6 | 46.756   | 47.084     |
| 6)                          | B beta-BHC      | 4.404 | 4.819  | 49310804 | 198.0E6 | 44.869   | 50.780     |
| 7)                          | B delta-BHC     | 4.606 | 5.034  | 119.4E6  | 364.9E6 | 46.266   | 48.694     |
| 8)                          | B Heptachlo...  | 5.133 | 5.833  | 115.5E6  | 227.1E6 | 46.870   | 42.542     |
| 9)                          | A Endosulfan I  | 5.469 | 6.190  | 105.3E6  | 288.6E6 | 47.322   | 47.669     |
| 10)                         | B gamma-Chl...  | 5.357 | 6.067  | 115.1E6  | 307.2E6 | 46.553   | 47.355     |
| 11)                         | B alpha-Chl...  | 5.415 | 6.138  | 112.0E6  | 305.5E6 | 46.338   | 47.134     |
| 12)                         | B 4,4'-DDE      | 5.579 | 6.299  | 104.6E6  | 299.2E6 | 47.239   | 48.570     |
| 13)                         | MA Dieldrin     | 5.712 | 6.448  | 111.0E6  | 317.0E6 | 45.969   | 47.722     |
| 14)                         | MA Endrin       | 5.968 | 6.667  | 90347303 | 246.0E6 | 43.009   | 44.383     |
| 15)                         | B Endosulfa...  | 6.241 | 6.882  | 86986274 | 273.1E6 | 43.377   | 45.945     |
| 16)                         | A 4,4'-DDD      | 6.093 | 6.794  | 82564312 | 254.4E6 | 48.058   | 50.812     |
| 17)                         | MA 4,4'-DDT     | 6.332 | 7.091  | 76779147 | 250.9E6 | 46.988   | 46.887     |
| 18)                         | B Endrin al...  | 6.410 | 7.007  | 66365493 | 218.2E6 | 43.673   | 48.371     |
| 19)                         | B Endosulfa...  | 6.622 | 7.230  | 73180726 | 259.4E6 | 45.328   | 47.465     |
| 20)                         | A Methoxychlor  | 6.879 | 7.554  | 37905638 | 137.4E6 | 44.654   | 47.368     |
| 21)                         | B Endrin ke...  | 7.113 | 7.702  | 80492621 | 303.3E6 | 47.032   | 48.326     |
| 22)                         | Mirex           | 7.293 | 8.149  | 53393271 | 202.9E6 | 44.639   | 46.718     |
| 24)                         | Chlordane-2     | 0.000 | 5.444f | 0        | 349.1E6 | N.D.     | 1272.375 # |
| 25)                         | Chlordane-3     | 5.357 | 6.067  | 115.1E6  | 307.2E6 | 431.647  | 318.940 #  |
| 26)                         | Chlordane-4     | 5.415 | 6.138  | 112.0E6  | 305.5E6 | 509.155  | 267.623 #  |
| 27)                         | Chlordane-5     | 6.241 | 0.000  | 86986274 | 0       | 1004.793 | N.D. #     |
| -----                       |                 |       |        |          |         |          |            |

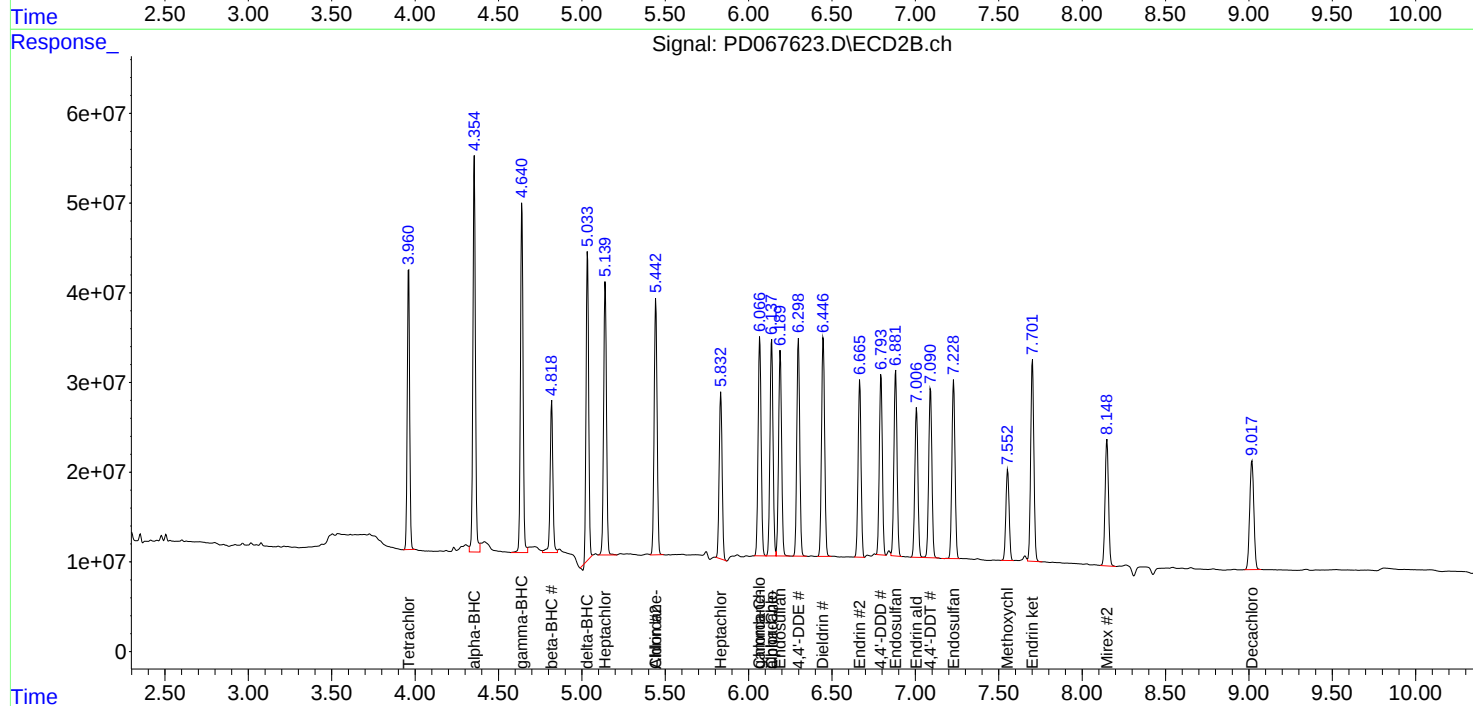
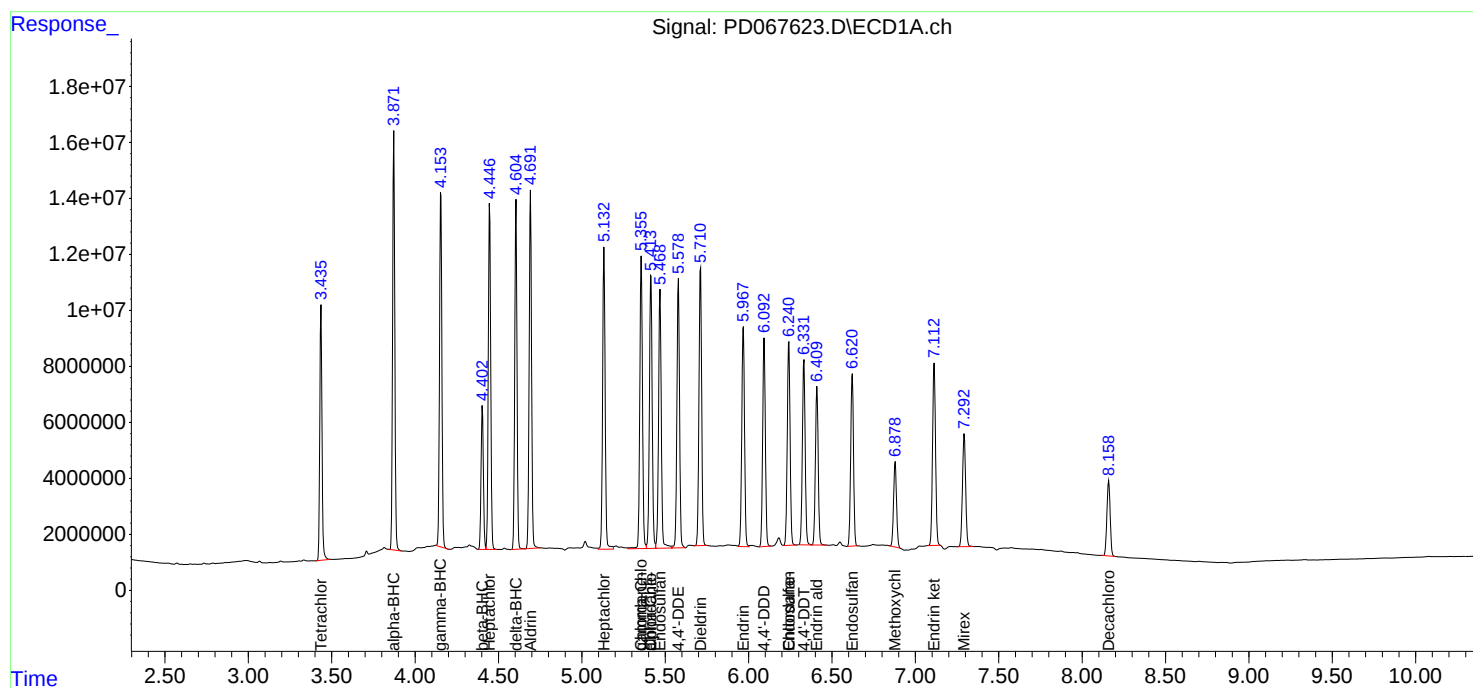
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

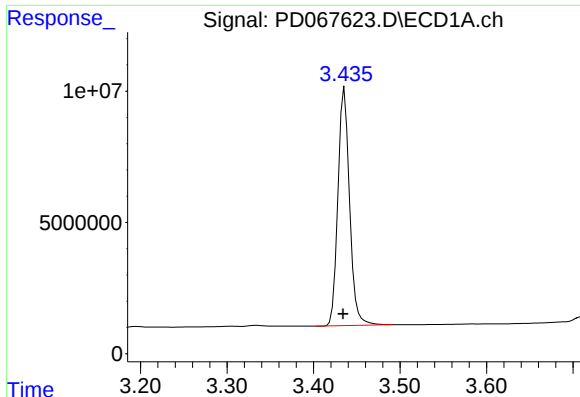
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010622\  
Data File : PD067623.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jan 2022 11:18  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 06 00:10:21 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

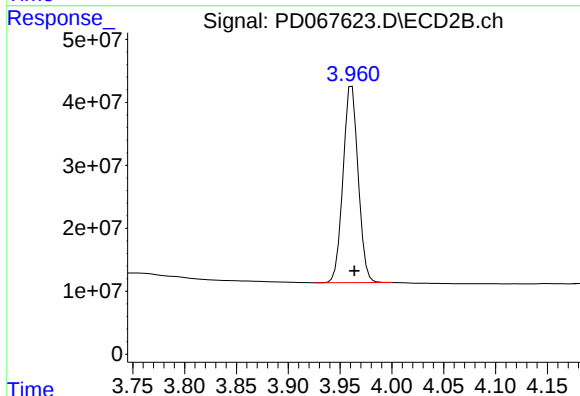




#1 Tetrachloro-m-xylene

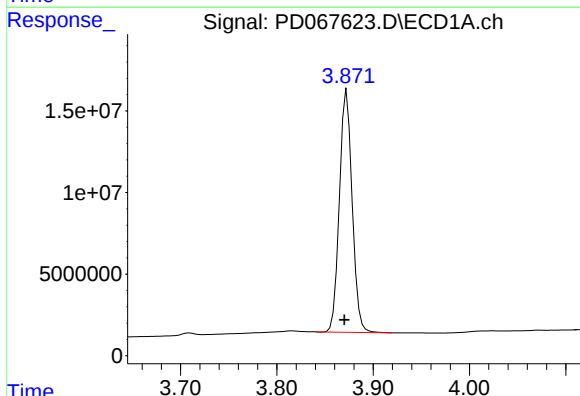
R.T.: 3.436 min  
Delta R.T.: 0.002 min  
Response: 84257828  
Conc: 46.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



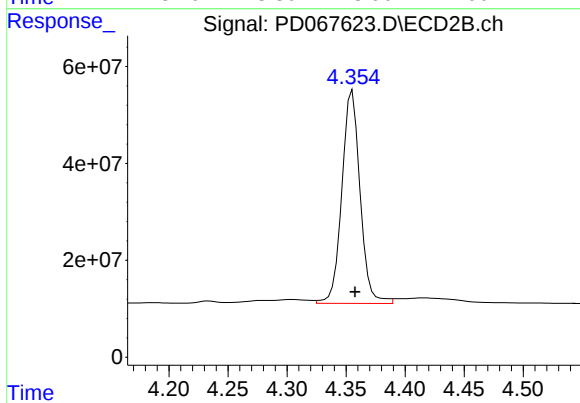
#1 Tetrachloro-m-xylene

R.T.: 3.961 min  
Delta R.T.: -0.002 min  
Response: 317851166  
Conc: 48.17 ng/ml



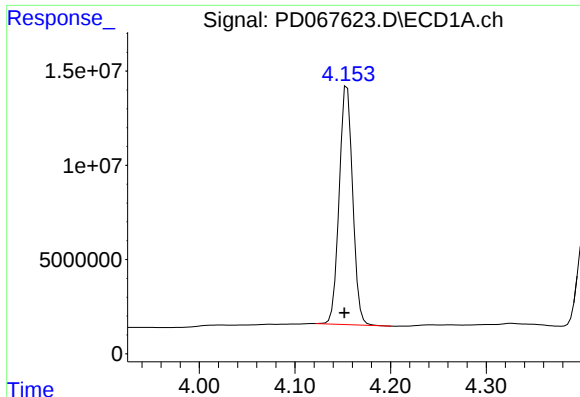
#2 alpha-BHC

R.T.: 3.873 min  
Delta R.T.: 0.003 min  
Response: 136349635  
Conc: 47.28 ng/ml



#2 alpha-BHC

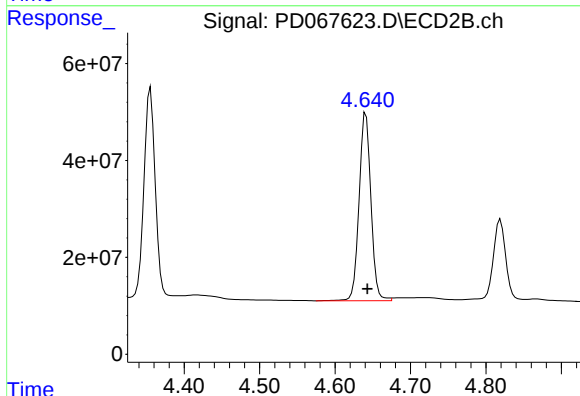
R.T.: 4.355 min  
Delta R.T.: -0.002 min  
Response: 472195607  
Conc: 50.89 ng/ml



#3 gamma-BHC (Lindane)

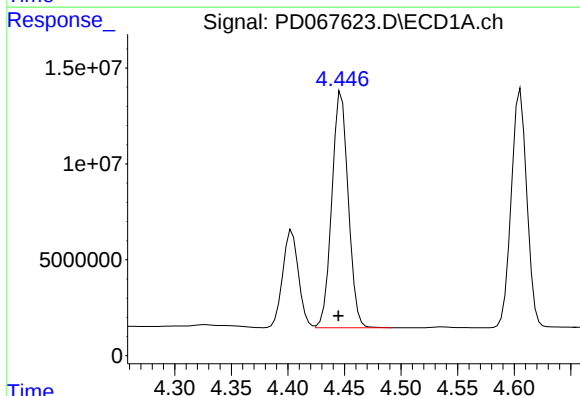
R.T.: 4.155 min  
Delta R.T.: 0.003 min  
Response: 123773549  
Conc: 46.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



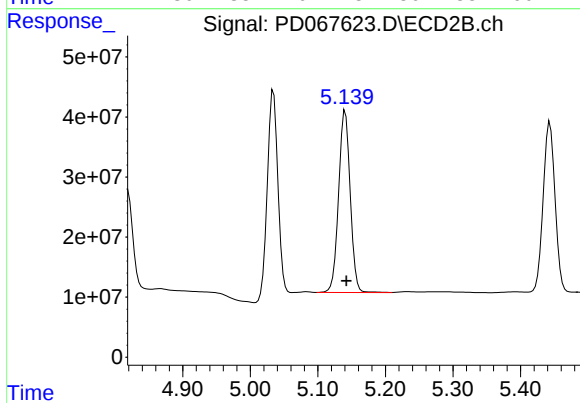
#3 gamma-BHC (Lindane)

R.T.: 4.641 min  
Delta R.T.: -0.002 min  
Response: 422772546  
Conc: 50.16 ng/ml



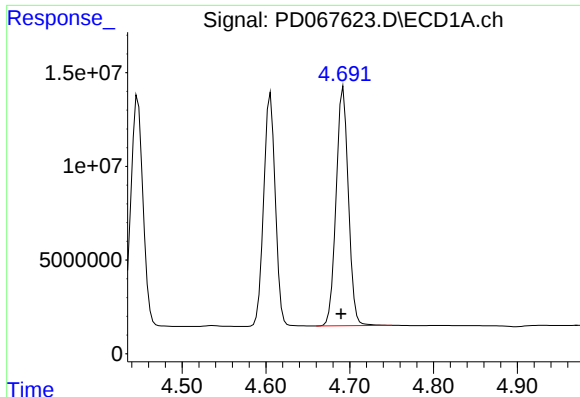
#4 Heptachlor

R.T.: 4.447 min  
Delta R.T.: 0.003 min  
Response: 124066634  
Conc: 45.62 ng/ml



#4 Heptachlor

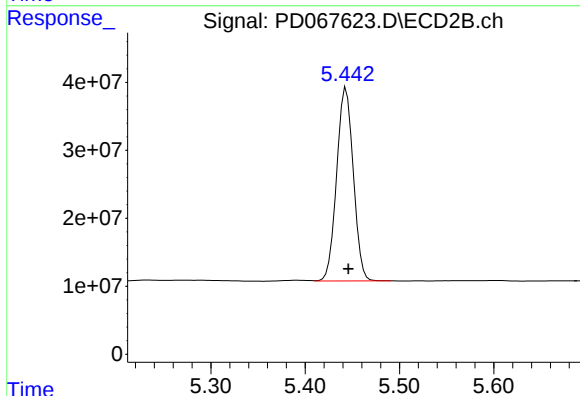
R.T.: 5.141 min  
Delta R.T.: -0.002 min  
Response: 363014116  
Conc: 47.32 ng/ml



#5 Aldrin

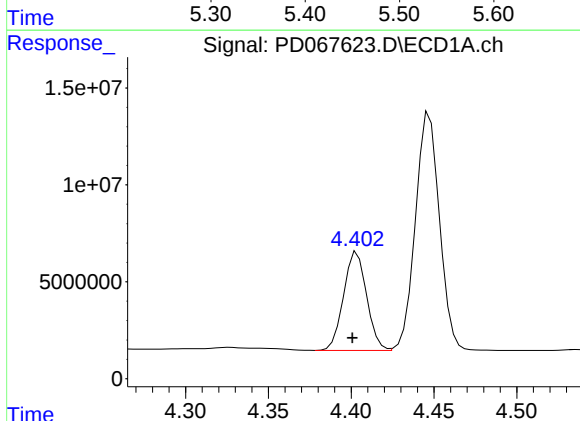
R.T.: 4.692 min  
Delta R.T.: 0.002 min  
Response: 129414291  
Conc: 46.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



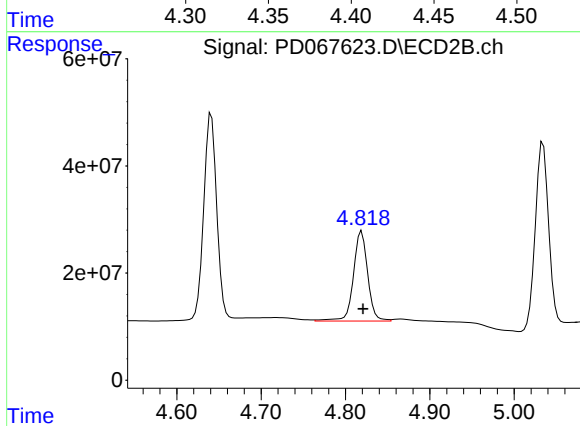
#5 Aldrin

R.T.: 5.444 min  
Delta R.T.: -0.002 min  
Response: 349123739  
Conc: 47.08 ng/ml



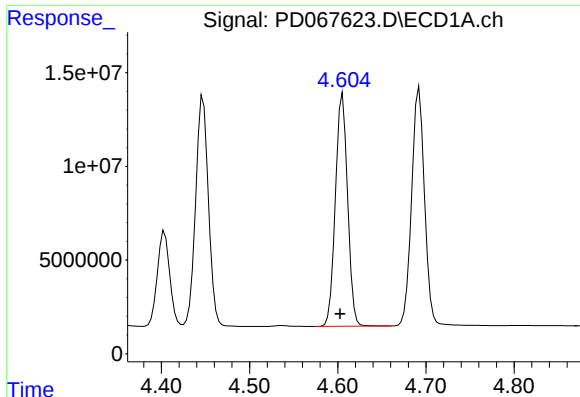
#6 beta-BHC

R.T.: 4.404 min  
Delta R.T.: 0.003 min  
Response: 49310804  
Conc: 44.87 ng/ml



#6 beta-BHC

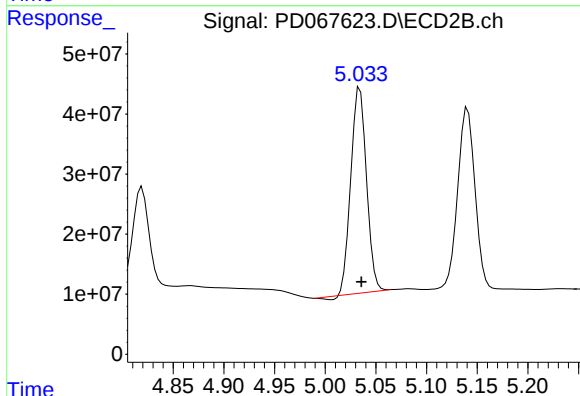
R.T.: 4.819 min  
Delta R.T.: -0.002 min  
Response: 198008412  
Conc: 50.78 ng/ml



#7 delta-BHC

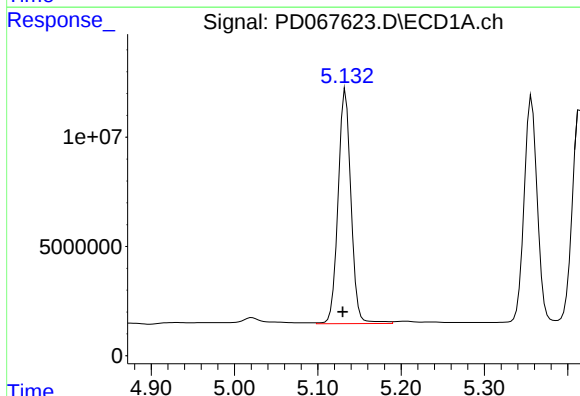
R.T.: 4.606 min  
Delta R.T.: 0.003 min  
Response: 119382954  
Conc: 46.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



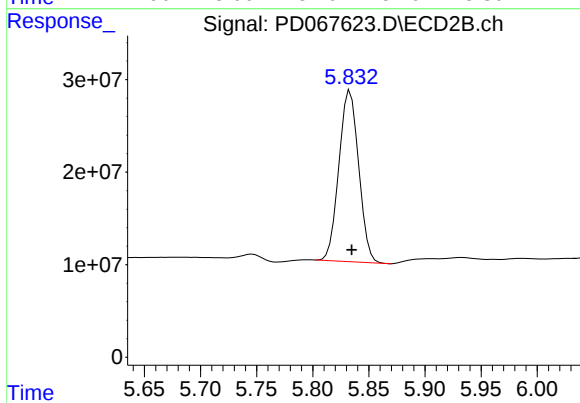
#7 delta-BHC

R.T.: 5.034 min  
Delta R.T.: -0.002 min  
Response: 364932158  
Conc: 48.69 ng/ml



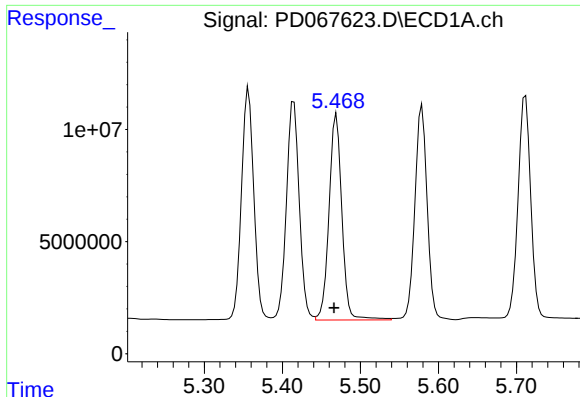
#8 Heptachlor epoxide

R.T.: 5.133 min  
Delta R.T.: 0.003 min  
Response: 115500193  
Conc: 46.87 ng/ml



#8 Heptachlor epoxide

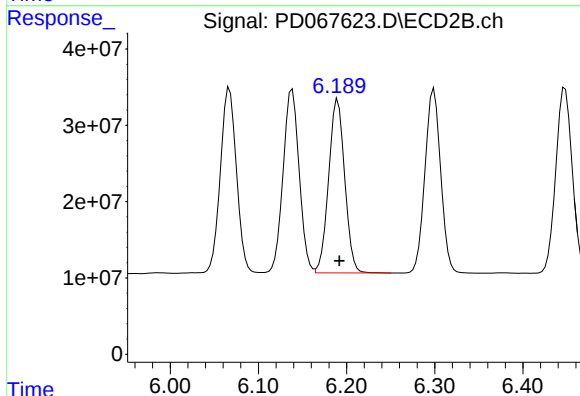
R.T.: 5.833 min  
Delta R.T.: -0.001 min  
Response: 227075236  
Conc: 42.54 ng/ml



#9 Endosulfan I

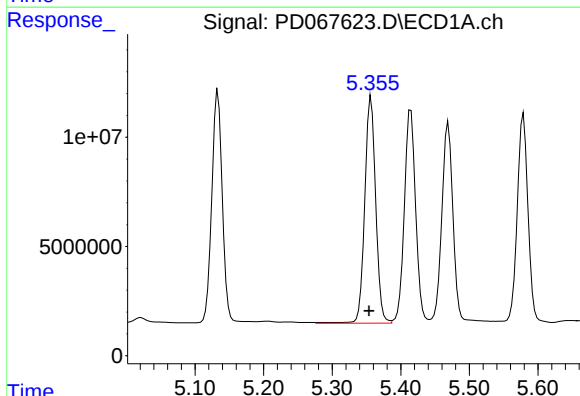
R.T.: 5.469 min  
Delta R.T.: 0.003 min  
Response: 105287521  
Conc: 47.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



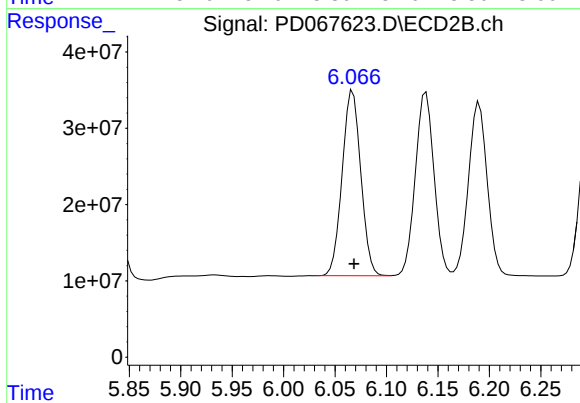
#9 Endosulfan I

R.T.: 6.190 min  
Delta R.T.: -0.002 min  
Response: 288586574  
Conc: 47.67 ng/ml



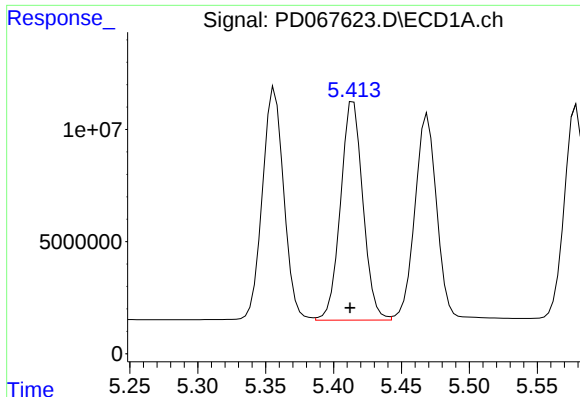
#10 gamma-Chlordane

R.T.: 5.357 min  
Delta R.T.: 0.003 min  
Response: 115090971  
Conc: 46.55 ng/ml



#10 gamma-Chlordane

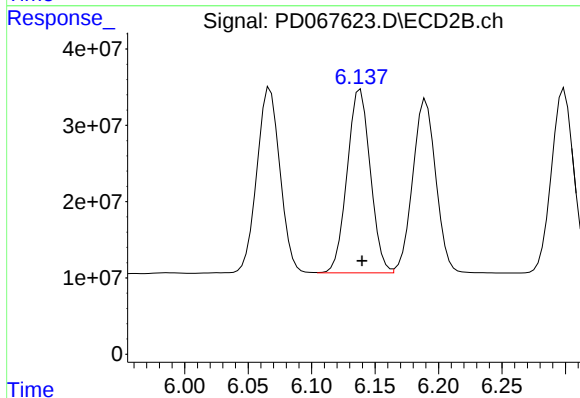
R.T.: 6.067 min  
Delta R.T.: -0.001 min  
Response: 307204638  
Conc: 47.36 ng/ml



#11 alpha-Chlordane

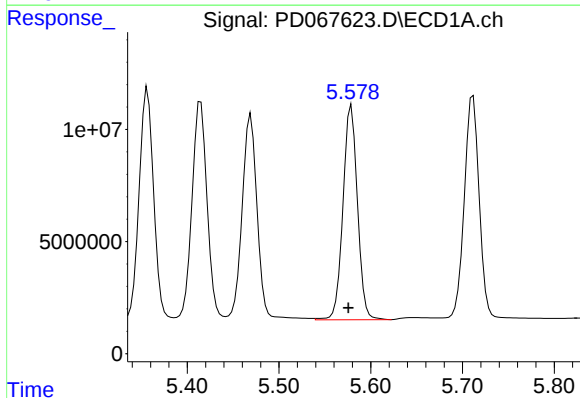
R.T.: 5.415 min  
Delta R.T.: 0.003 min  
Response: 112039184  
Conc: 46.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



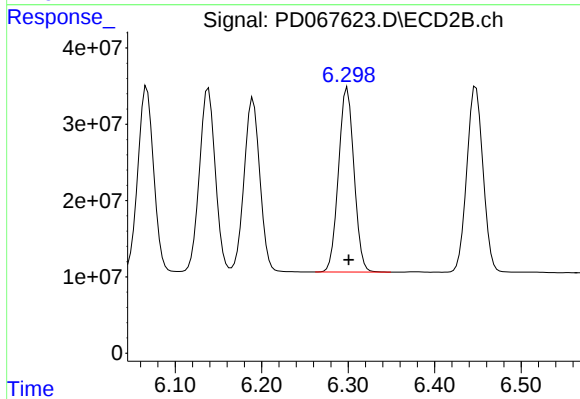
#11 alpha-Chlordane

R.T.: 6.138 min  
Delta R.T.: -0.001 min  
Response: 305544464  
Conc: 47.13 ng/ml



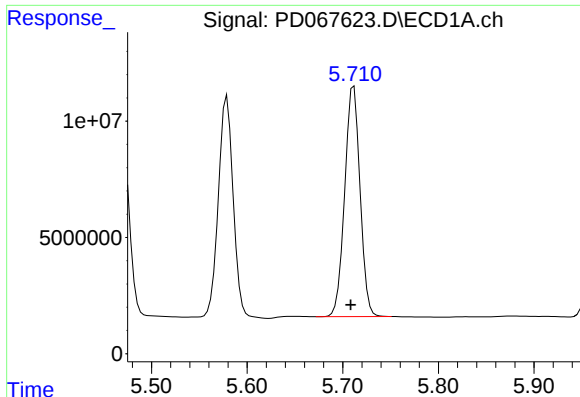
#12 4,4'-DDE

R.T.: 5.579 min  
Delta R.T.: 0.003 min  
Response: 104579561  
Conc: 47.24 ng/ml



#12 4,4'-DDE

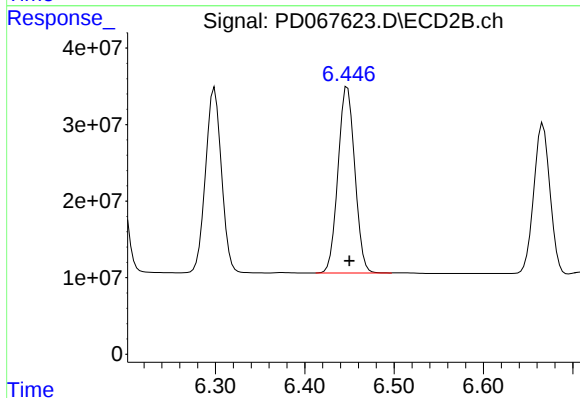
R.T.: 6.299 min  
Delta R.T.: -0.001 min  
Response: 299173276  
Conc: 48.57 ng/ml



#13 Dieldrin

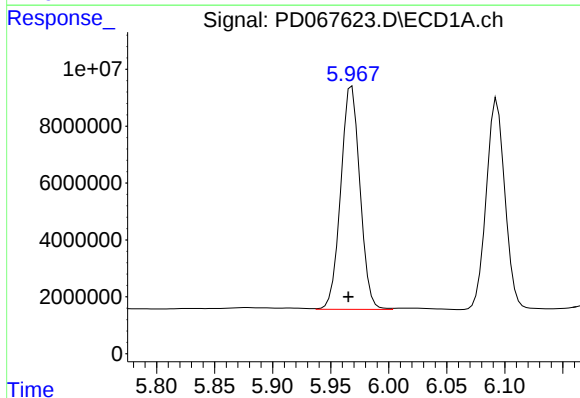
R.T.: 5.712 min  
Delta R.T.: 0.003 min  
Response: 110984466  
Conc: 45.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



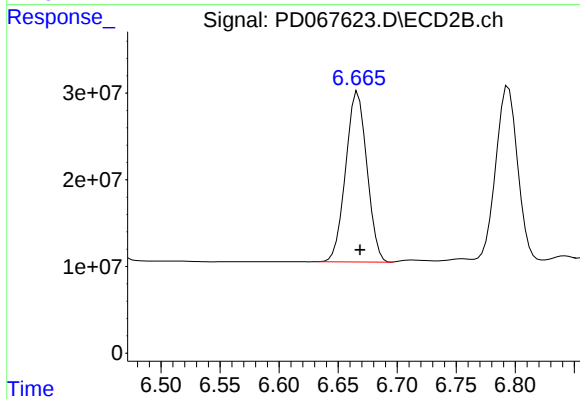
#13 Dieldrin

R.T.: 6.448 min  
Delta R.T.: -0.002 min  
Response: 317011191  
Conc: 47.72 ng/ml



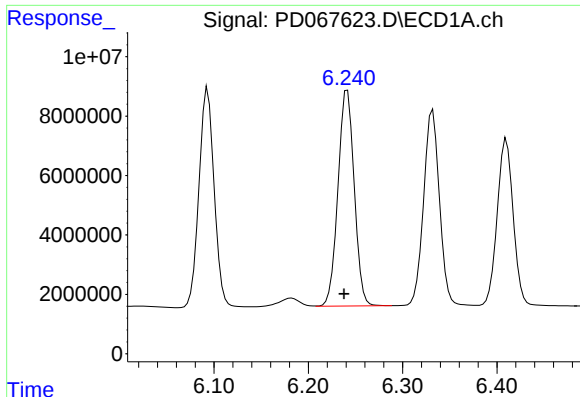
#14 Endrin

R.T.: 5.968 min  
Delta R.T.: 0.003 min  
Response: 90347303  
Conc: 43.01 ng/ml



#14 Endrin

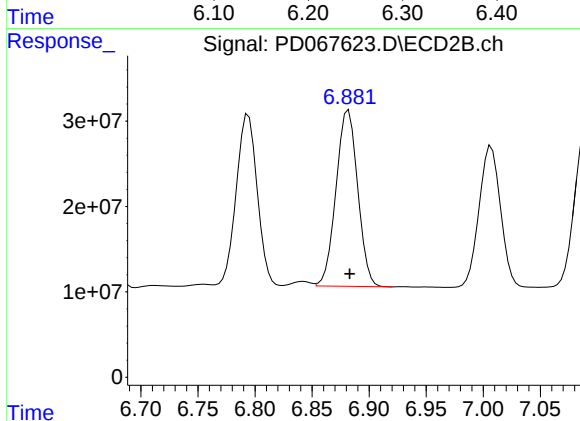
R.T.: 6.667 min  
Delta R.T.: -0.002 min  
Response: 246047552  
Conc: 44.38 ng/ml



#15 Endosulfan II

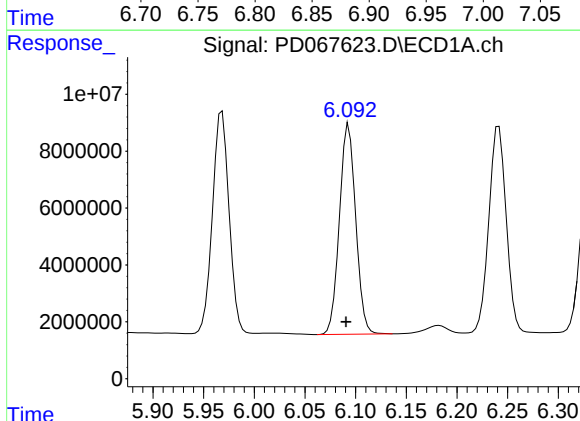
R.T.: 6.241 min  
Delta R.T.: 0.003 min  
Response: 86986274  
Conc: 43.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



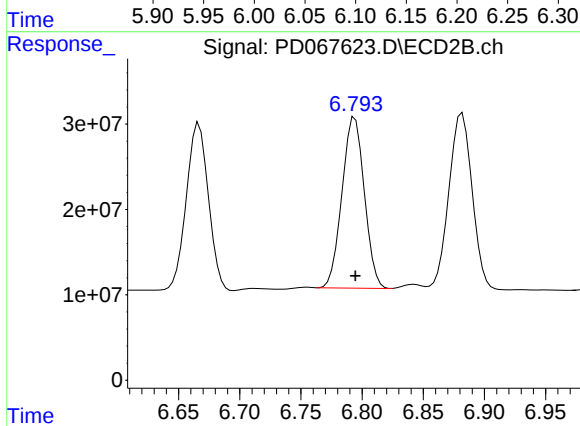
#15 Endosulfan II

R.T.: 6.882 min  
Delta R.T.: -0.001 min  
Response: 273077651  
Conc: 45.94 ng/ml



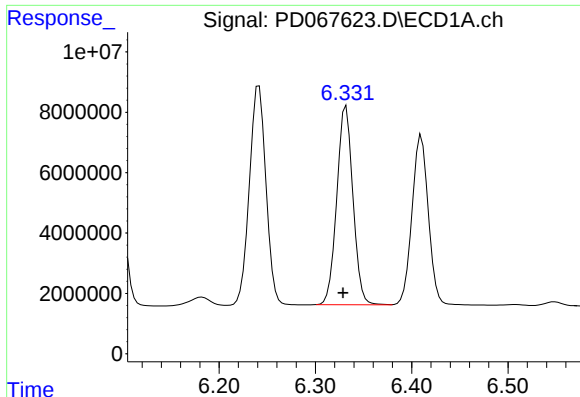
#16 4,4'-DDD

R.T.: 6.093 min  
Delta R.T.: 0.003 min  
Response: 82564312  
Conc: 48.06 ng/ml



#16 4,4'-DDD

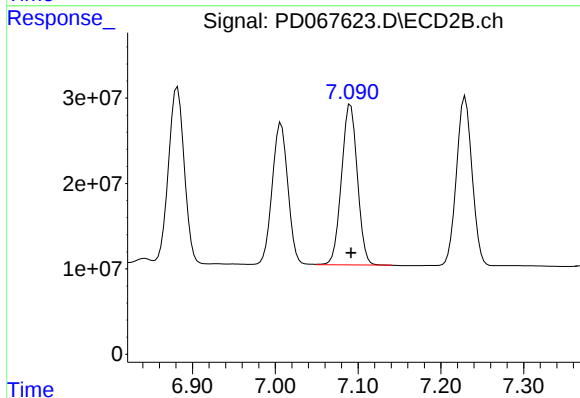
R.T.: 6.794 min  
Delta R.T.: 0.000 min  
Response: 254358176  
Conc: 50.81 ng/ml



#17 4,4'-DDT

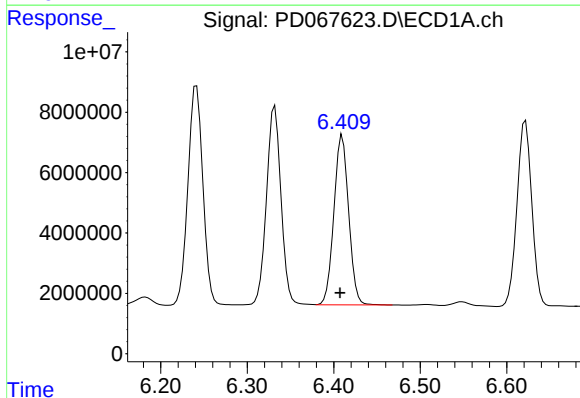
R.T.: 6.332 min  
Delta R.T.: 0.003 min  
Response: 76779147  
Conc: 46.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



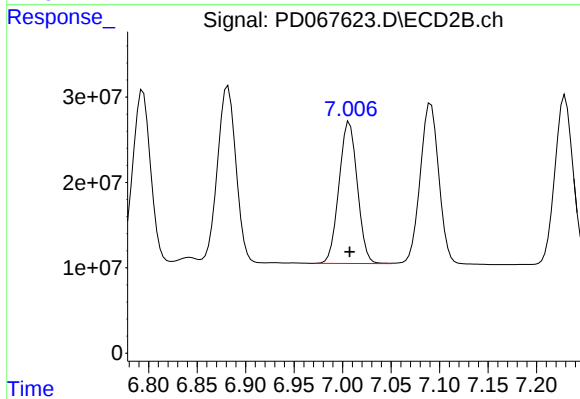
#17 4,4'-DDT

R.T.: 7.091 min  
Delta R.T.: 0.000 min  
Response: 250887674  
Conc: 46.89 ng/ml



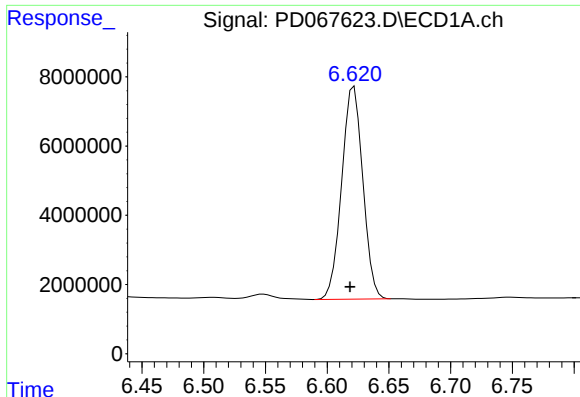
#18 Endrin aldehyde

R.T.: 6.410 min  
Delta R.T.: 0.003 min  
Response: 66365493  
Conc: 43.67 ng/ml



#18 Endrin aldehyde

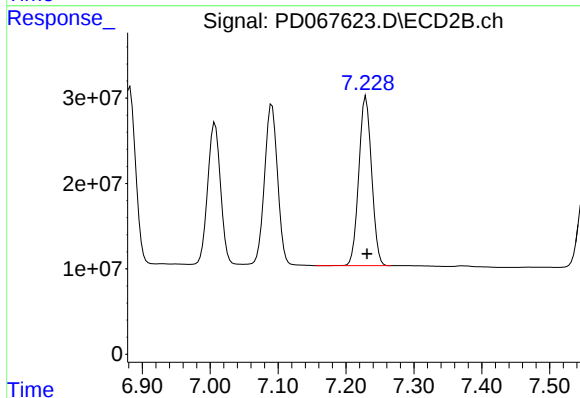
R.T.: 7.007 min  
Delta R.T.: 0.000 min  
Response: 218225620  
Conc: 48.37 ng/ml



#19 Endosulfan Sulfate

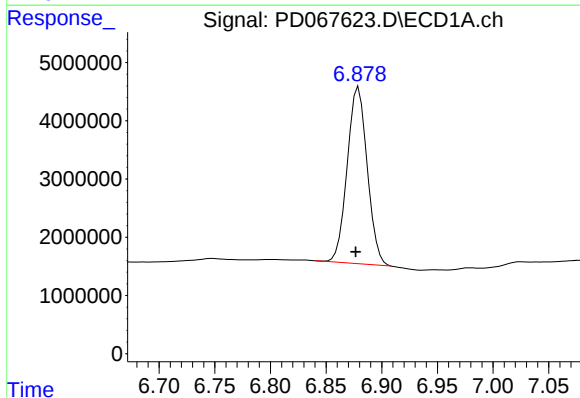
R.T.: 6.622 min  
Delta R.T.: 0.003 min  
Response: 73180726  
Conc: 45.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



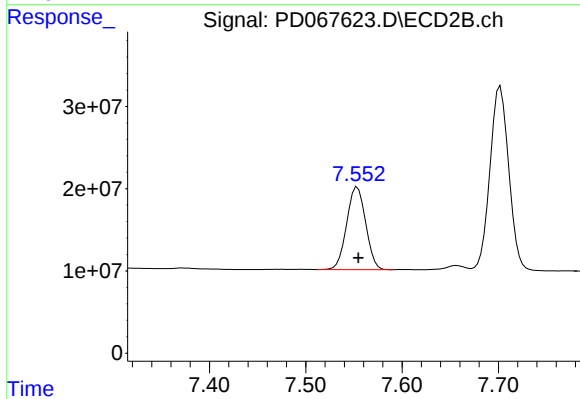
#19 Endosulfan Sulfate

R.T.: 7.230 min  
Delta R.T.: -0.001 min  
Response: 259415617  
Conc: 47.46 ng/ml



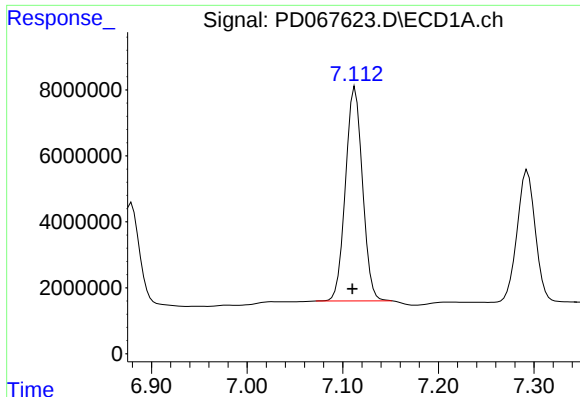
#20 Methoxychlor

R.T.: 6.879 min  
Delta R.T.: 0.003 min  
Response: 37905638  
Conc: 44.65 ng/ml



#20 Methoxychlor

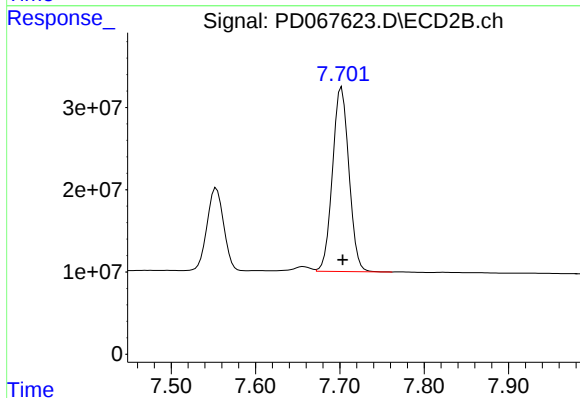
R.T.: 7.554 min  
Delta R.T.: 0.000 min  
Response: 137436382  
Conc: 47.37 ng/ml



#21 Endrin ketone

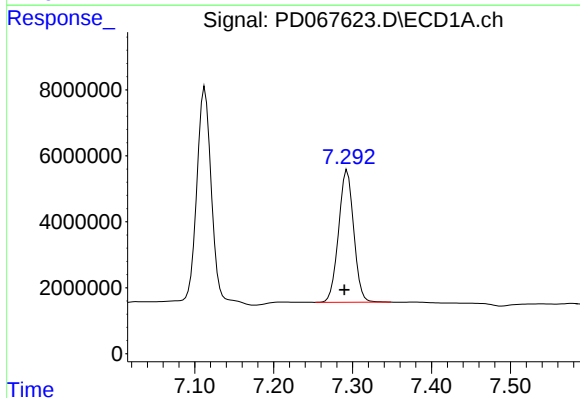
R.T.: 7.113 min  
Delta R.T.: 0.003 min  
Response: 80492621  
Conc: 47.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



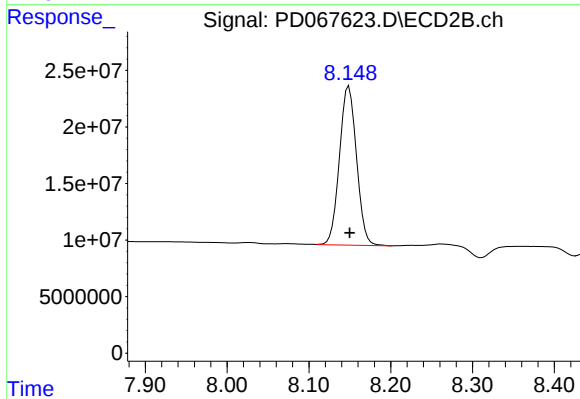
#21 Endrin ketone

R.T.: 7.702 min  
Delta R.T.: -0.001 min  
Response: 303256168  
Conc: 48.33 ng/ml



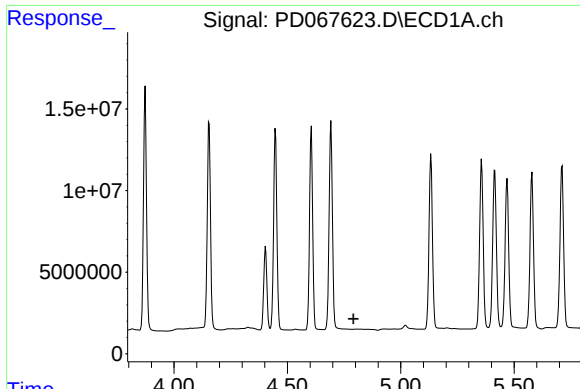
#22 Mirex

R.T.: 7.293 min  
Delta R.T.: 0.004 min  
Response: 53393271  
Conc: 44.64 ng/ml



#22 Mirex

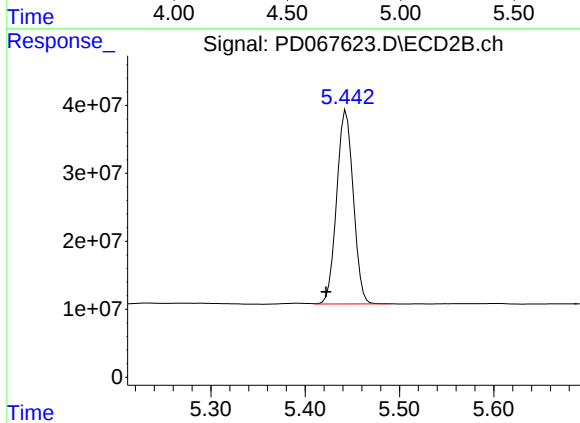
R.T.: 8.149 min  
Delta R.T.: -0.001 min  
Response: 202860806  
Conc: 46.72 ng/ml



#24 Chlordane-2

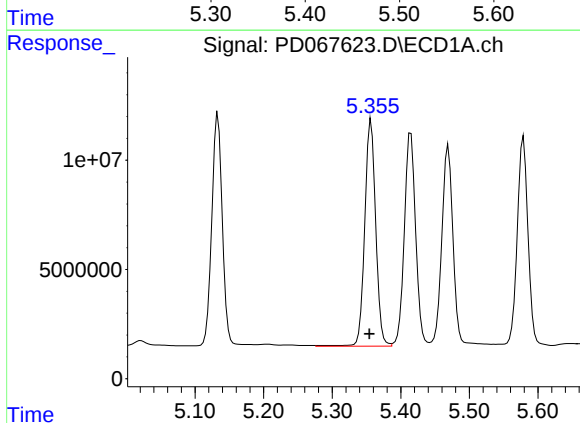
R.T.: 0.000 min  
Exp R.T.: 4.792 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



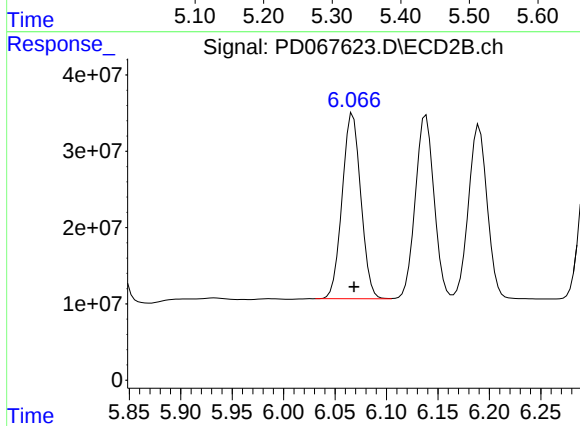
#24 Chlordane-2

R.T.: 5.444 min  
Delta R.T.: 0.021 min  
Response: 349123739  
Conc: 1272.38 ng/ml



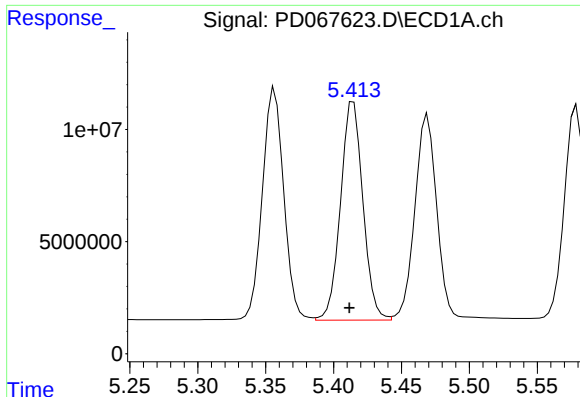
#25 Chlordane-3

R.T.: 5.357 min  
Delta R.T.: 0.002 min  
Response: 115090971  
Conc: 431.65 ng/ml



#25 Chlordane-3

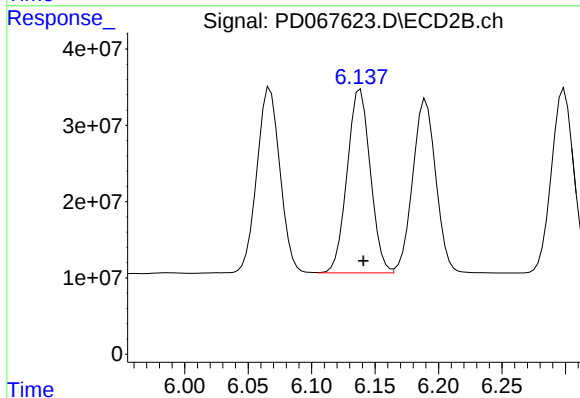
R.T.: 6.067 min  
Delta R.T.: -0.001 min  
Response: 307204638  
Conc: 318.94 ng/ml



#26 Chlordane-4

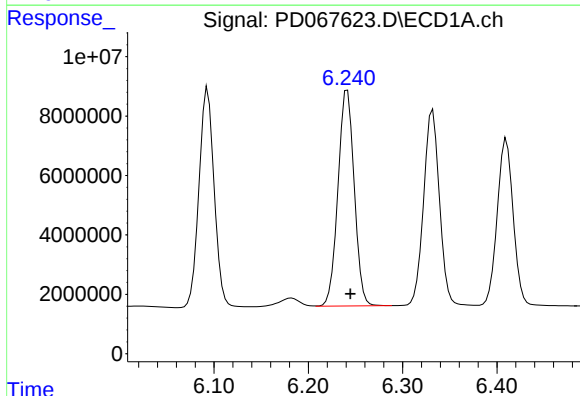
R.T.: 5.415 min  
Delta R.T.: 0.003 min  
Response: 112039184  
Conc: 509.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



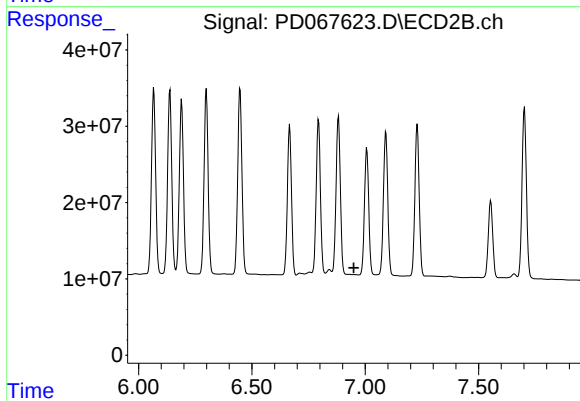
#26 Chlordane-4

R.T.: 6.138 min  
Delta R.T.: -0.002 min  
Response: 305544464  
Conc: 267.62 ng/ml



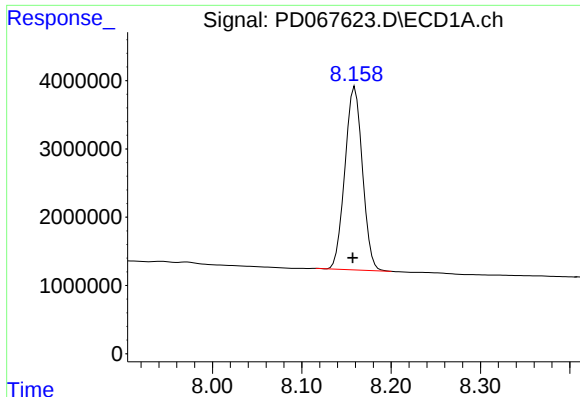
#27 Chlordane-5

R.T.: 6.241 min  
Delta R.T.: -0.003 min  
Response: 86986274  
Conc: 1004.79 ng/ml



#27 Chlordane-5

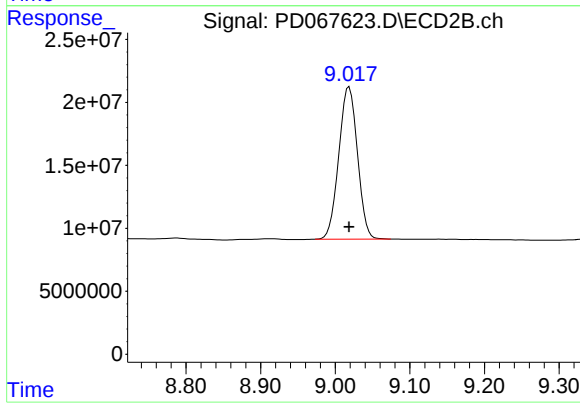
R.T.: 0.000 min  
Exp R.T.: 6.950 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.160 min  
Delta R.T.: 0.002 min  
Response: 36476406  
Conc: 41.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.019 min  
Delta R.T.: 0.000 min  
Response: 210214672  
Conc: 44.23 ng/ml