

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010722\  
 Data File : PD067643.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jan 2022 16:22  
 Operator : AR\AJ  
 Sample : PB141903BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 08 06:14:36 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... | 3.435 | 3.960  | 37901595 | 150.1E6  | 20.857   | 22.750     |
| 28)                         | SA Decachlor... | 8.157 | 9.016  | 17747280 | 96904493 | 19.979   | 20.390     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.871 | 4.354  | 152.8E6  | 487.2E6  | 52.995   | 52.510     |
| 3)                          | MA gamma-BHC... | 4.153 | 4.639  | 138.5E6  | 446.6E6  | 52.093   | 52.989     |
| 4)                          | MA Heptachlor   | 4.446 | 5.139  | 142.4E6  | 399.3E6  | 52.380   | 52.042     |
| 5)                          | MB Aldrin       | 4.691 | 5.442  | 142.7E6  | 371.7E6  | 51.571   | 50.131     |
| 6)                          | B beta-BHC      | 4.402 | 4.818  | 57374566 | 206.3E6  | 52.206   | 52.912     |
| 7)                          | B delta-BHC     | 4.604 | 5.033  | 136.7E6  | 421.3E6  | 52.984   | 56.221     |
| 8)                          | B Heptachlo...  | 5.132 | 5.831  | 128.6E6  | 310.5E6  | 52.193   | 58.179     |
| 9)                          | A Endosulfan I  | 5.467 | 6.188  | 118.2E6  | 314.6E6  | 53.139   | 51.969     |
| 10)                         | B gamma-Chl...  | 5.355 | 6.065  | 127.8E6  | 333.0E6  | 51.707   | 51.327     |
| 11)                         | B alpha-Chl...  | 5.414 | 6.136  | 125.9E6  | 330.7E6  | 52.079   | 51.014     |
| 12)                         | B 4,4'-DDE      | 5.578 | 6.298  | 117.6E6  | 326.3E6  | 53.118   | 52.971     |
| 13)                         | MA Dieldrin     | 5.710 | 6.446  | 124.1E6  | 333.0E6  | 51.419   | 50.134     |
| 14)                         | MA Endrin       | 5.967 | 6.665  | 103.8E6  | 279.7E6  | 49.429   | 50.447     |
| 15)                         | B Endosulfa...  | 6.239 | 6.880  | 93773506 | 279.9E6  | 46.761   | 47.096     |
| 16)                         | A 4,4'-DDD      | 6.092 | 6.792  | 95911025 | 283.9E6  | 55.827   | 56.718     |
| 17)                         | MA 4,4'-DDT     | 6.330 | 7.089  | 83252845 | 267.4E6  | 50.950   | 49.963     |
| 18)                         | B Endrin al...  | 6.408 | 7.004  | 73167758 | 226.9E6  | 48.150   | 50.289     |
| 19)                         | B Endosulfa...  | 6.620 | 7.228  | 83916403 | 286.5E6  | 51.978   | 52.422     |
| 20)                         | A Methoxychlor  | 6.877 | 7.552  | 41633289 | 146.6E6  | 49.045   | 50.515     |
| 21)                         | B Endrin ke...  | 7.111 | 7.701  | 89210884 | 320.7E6  | 52.127   | 51.113     |
| 22)                         | Mirex           | 7.290 | 8.147  | 59171662 | 215.3E6  | 49.470   | 49.593     |
| 23)                         | Chlordane-1     | 4.302 | 0.000  | 154127   | 0        | 1.952    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.442f | 0        | 371.7E6  | N.D.     | 1354.722 # |
| 25)                         | Chlordane-3     | 5.355 | 6.065  | 127.8E6  | 333.0E6  | 479.437  | 345.694 #  |
| 26)                         | Chlordane-4     | 5.414 | 6.136  | 125.9E6  | 330.7E6  | 572.234  | 289.653 #  |
| 27)                         | Chlordane-5     | 6.239 | 0.000  | 93773506 | 0        | 1083.194 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

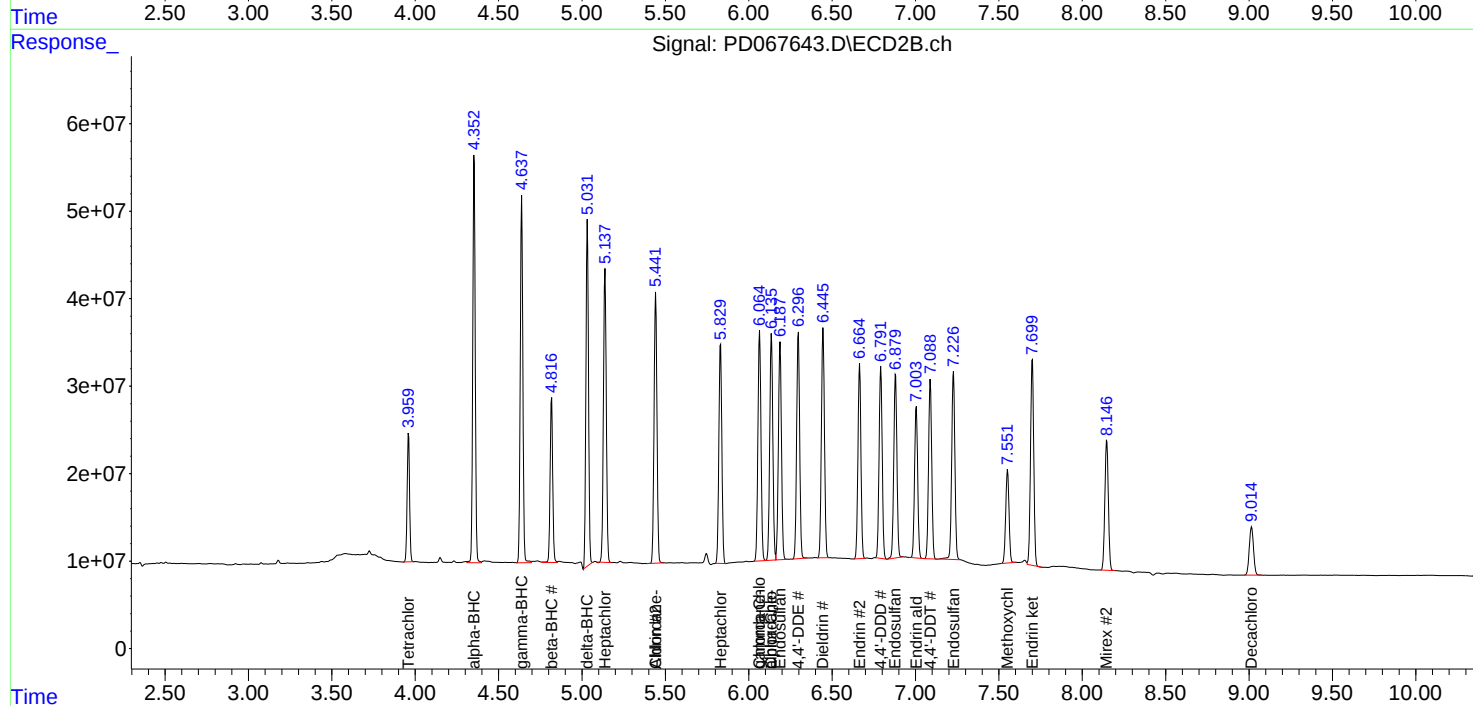
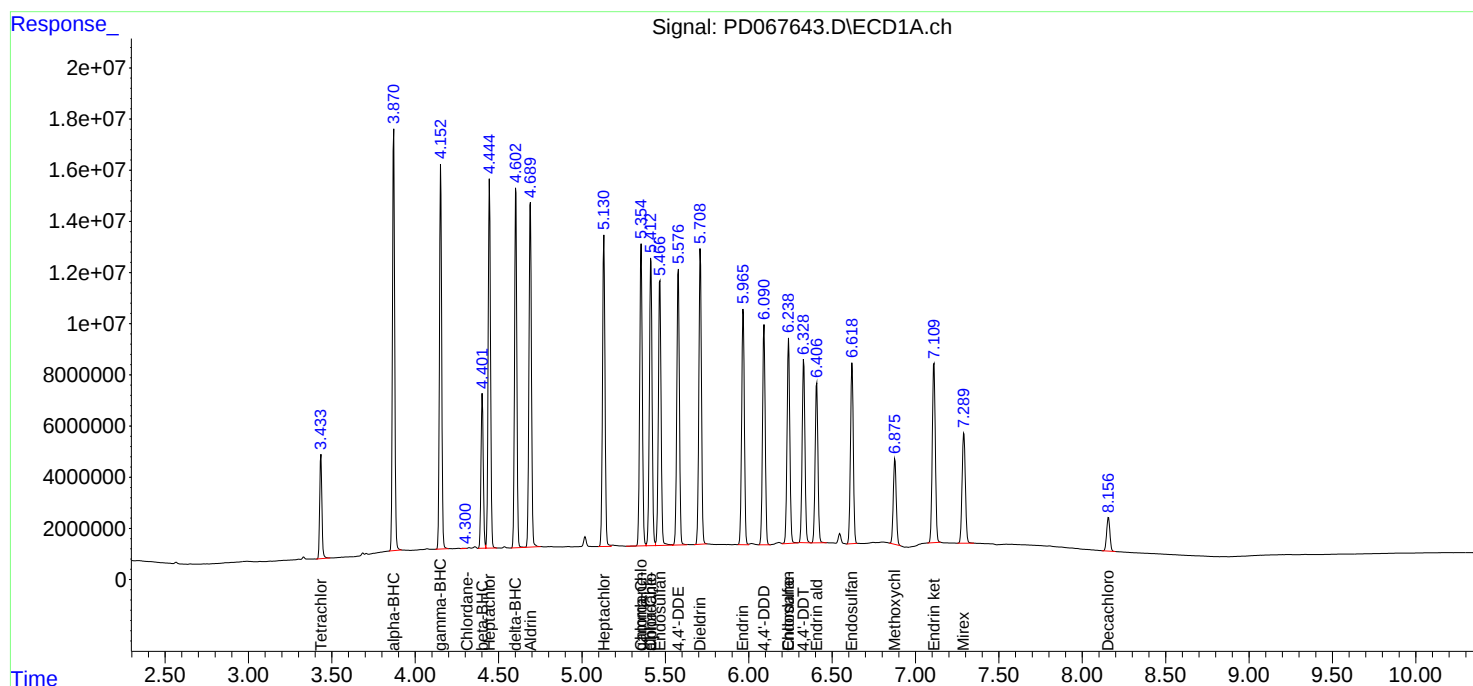
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

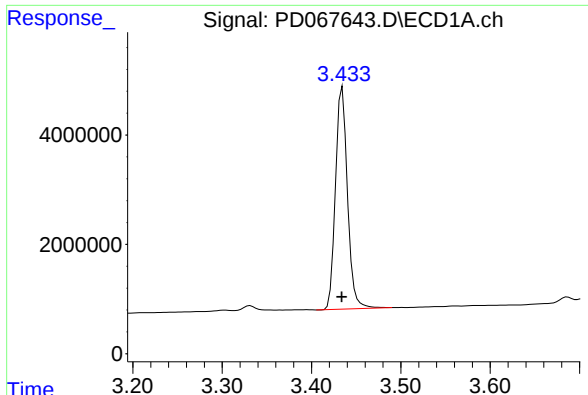
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD010722\  
Data File : PD067643.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jan 2022 16:22  
Operator : AR\AJ  
Sample : PB141903BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 08 06:14:36 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

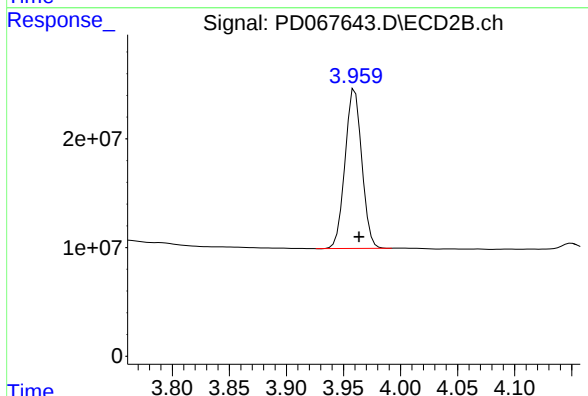




#1 Tetrachloro-m-xylene

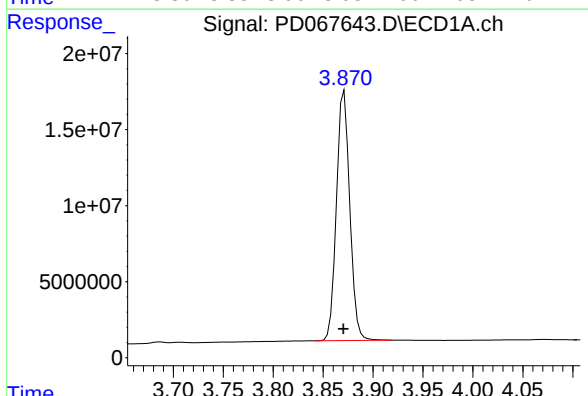
R.T.: 3.435 min  
Delta R.T.: 0.000 min  
Response: 37901595  
Conc: 20.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



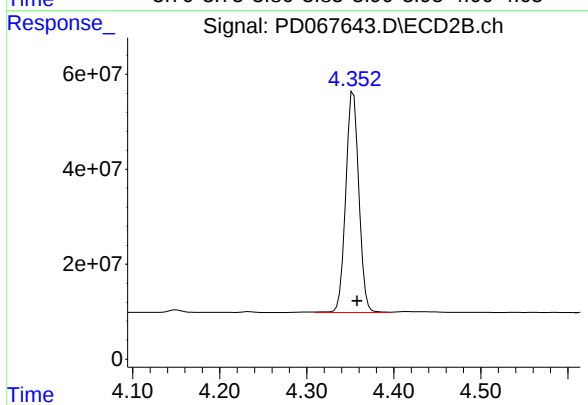
#1 Tetrachloro-m-xylene

R.T.: 3.960 min  
Delta R.T.: -0.004 min  
Response: 150109179  
Conc: 22.75 ng/ml



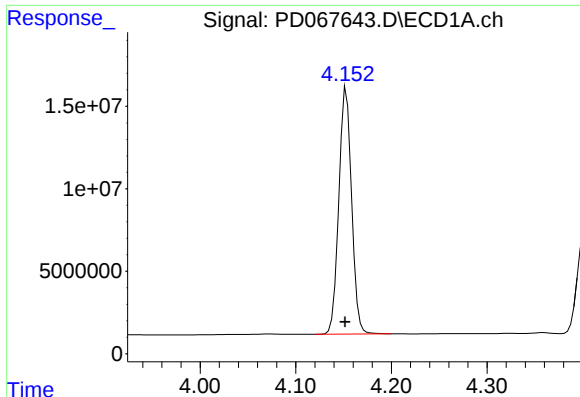
#2 alpha-BHC

R.T.: 3.871 min  
Delta R.T.: 0.000 min  
Response: 152841924  
Conc: 53.00 ng/ml



#2 alpha-BHC

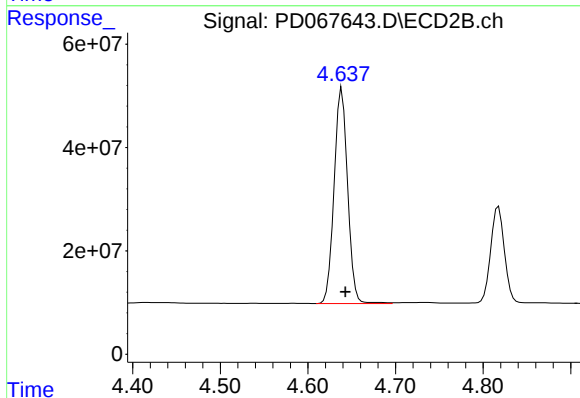
R.T.: 4.354 min  
Delta R.T.: -0.004 min  
Response: 487194848  
Conc: 52.51 ng/ml



#3 gamma-BHC (Lindane)

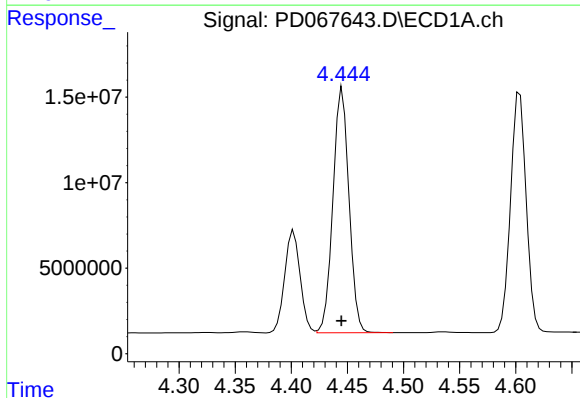
R.T.: 4.153 min  
Delta R.T.: 0.001 min  
Response: 138548615  
Conc: 52.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



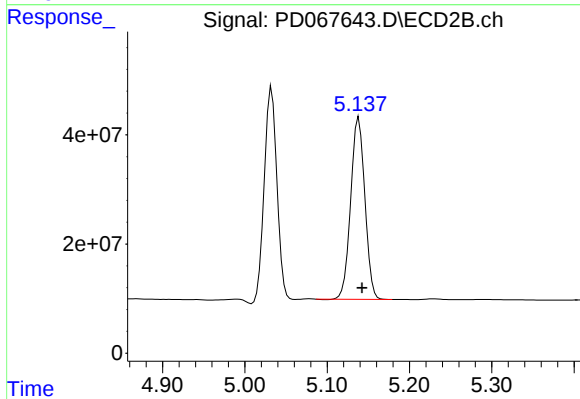
#3 gamma-BHC (Lindane)

R.T.: 4.639 min  
Delta R.T.: -0.004 min  
Response: 446580158  
Conc: 52.99 ng/ml



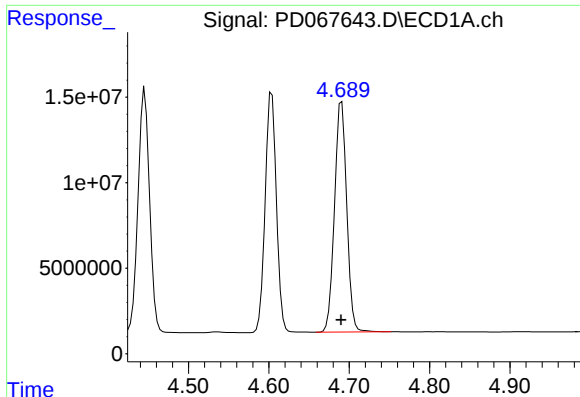
#4 Heptachlor

R.T.: 4.446 min  
Delta R.T.: 0.001 min  
Response: 142443404  
Conc: 52.38 ng/ml



#4 Heptachlor

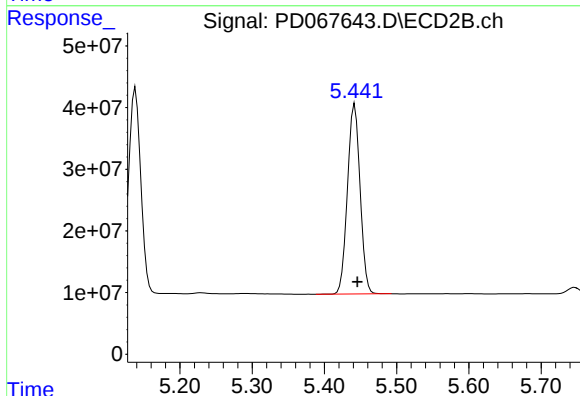
R.T.: 5.139 min  
Delta R.T.: -0.004 min  
Response: 399266461  
Conc: 52.04 ng/ml



#5 Aldrin

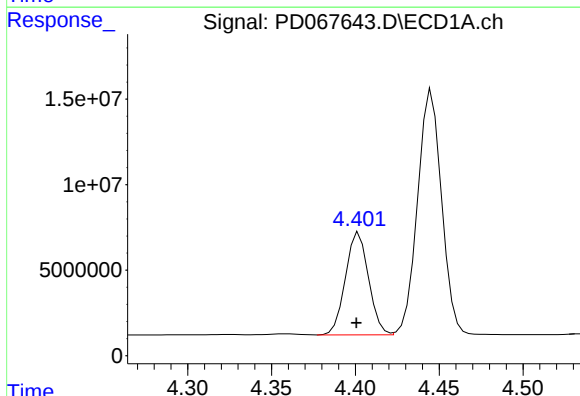
R.T.: 4.691 min  
Delta R.T.: 0.000 min  
Response: 142740143  
Conc: 51.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



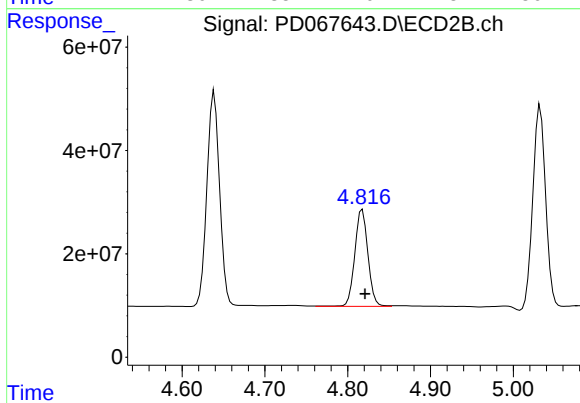
#5 Aldrin

R.T.: 5.442 min  
Delta R.T.: -0.004 min  
Response: 371718560  
Conc: 50.13 ng/ml



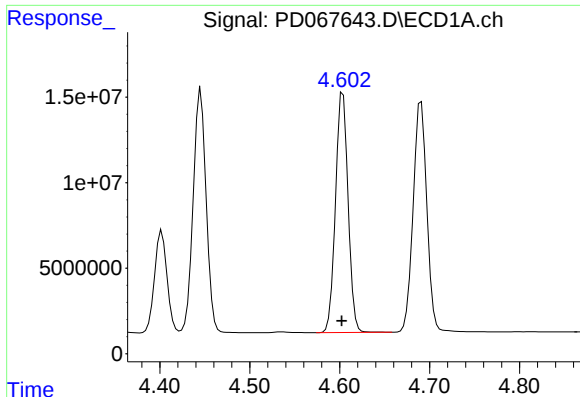
#6 beta-BHC

R.T.: 4.402 min  
Delta R.T.: 0.002 min  
Response: 57374566  
Conc: 52.21 ng/ml



#6 beta-BHC

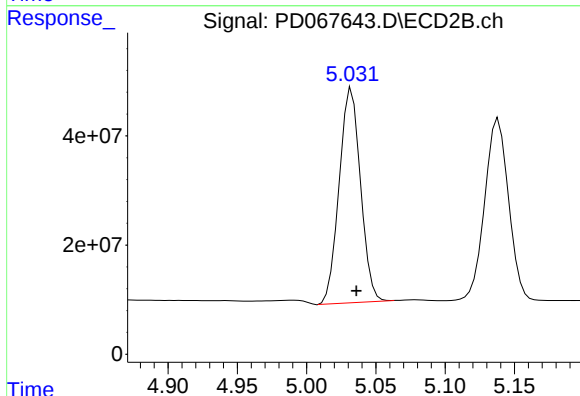
R.T.: 4.818 min  
Delta R.T.: -0.003 min  
Response: 206322641  
Conc: 52.91 ng/ml



#7 delta-BHC

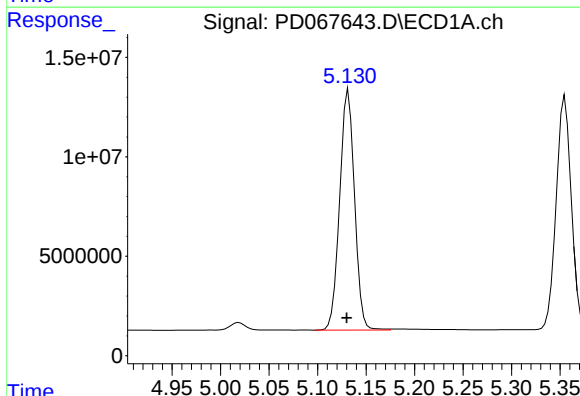
R.T.: 4.604 min  
Delta R.T.: 0.001 min  
Response: 136717046  
Conc: 52.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



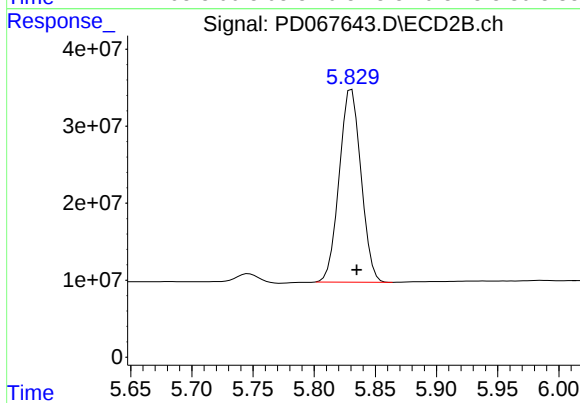
#7 delta-BHC

R.T.: 5.033 min  
Delta R.T.: -0.003 min  
Response: 421346589  
Conc: 56.22 ng/ml



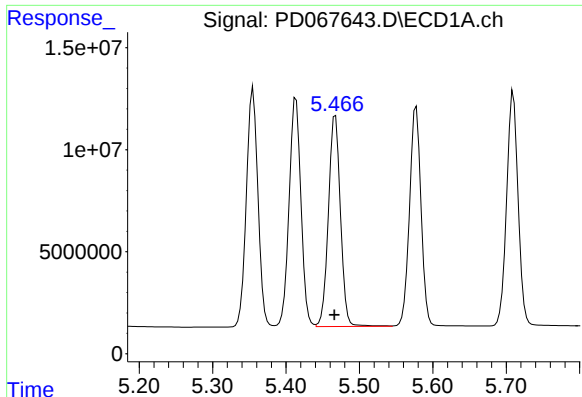
#8 Heptachlor epoxide

R.T.: 5.132 min  
Delta R.T.: 0.002 min  
Response: 128617412  
Conc: 52.19 ng/ml



#8 Heptachlor epoxide

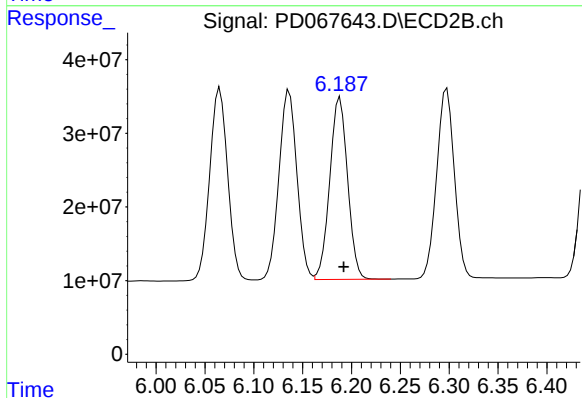
R.T.: 5.831 min  
Delta R.T.: -0.004 min  
Response: 310538732  
Conc: 58.18 ng/ml



#9 Endosulfan I

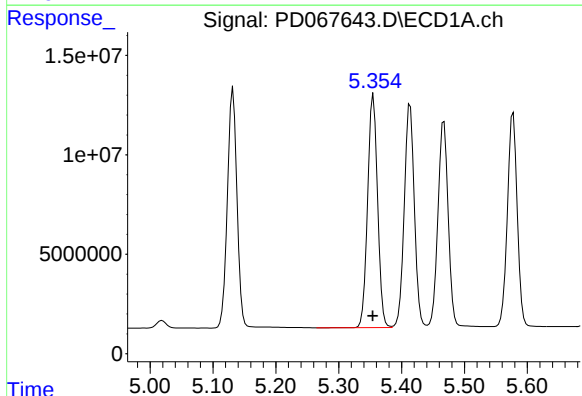
R.T.: 5.467 min  
Delta R.T.: 0.001 min  
Response: 118229556  
Conc: 53.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



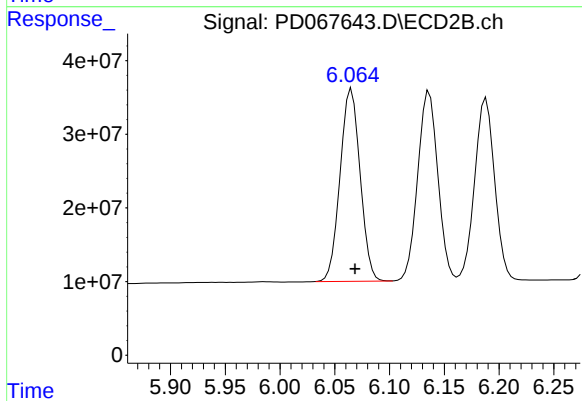
#9 Endosulfan I

R.T.: 6.188 min  
Delta R.T.: -0.004 min  
Response: 314621511  
Conc: 51.97 ng/ml



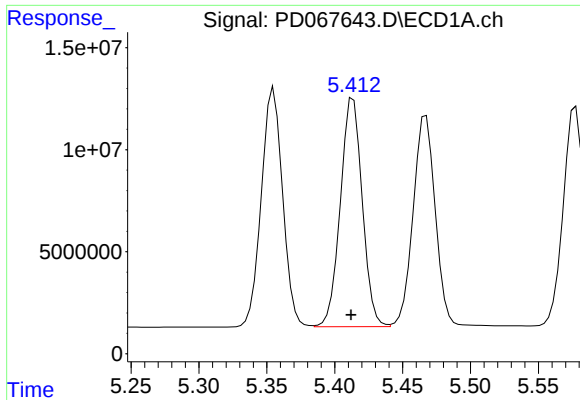
#10 gamma-Chlordane

R.T.: 5.355 min  
Delta R.T.: 0.001 min  
Response: 127833213  
Conc: 51.71 ng/ml



#10 gamma-Chlordane

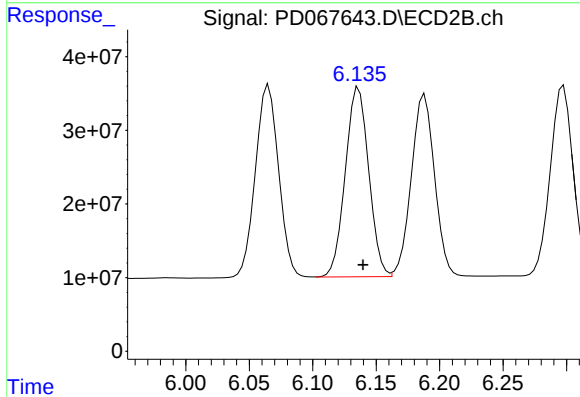
R.T.: 6.065 min  
Delta R.T.: -0.003 min  
Response: 332974154  
Conc: 51.33 ng/ml



#11 alpha-Chlordane

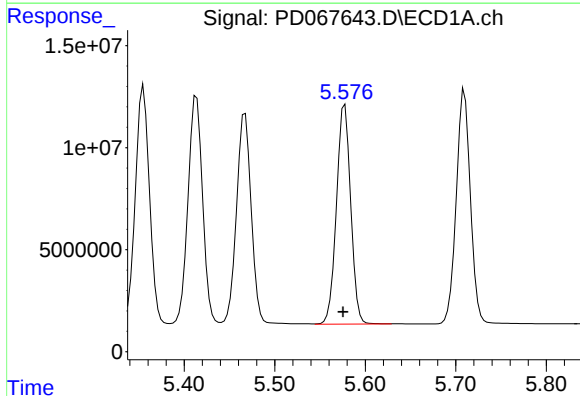
R.T.: 5.414 min  
Delta R.T.: 0.002 min  
Response: 125919641  
Conc: 52.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



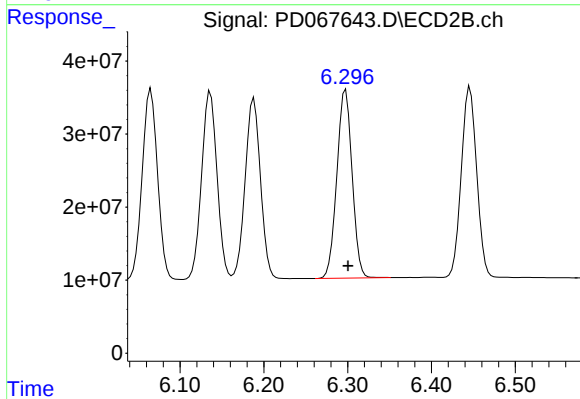
#11 alpha-Chlordane

R.T.: 6.136 min  
Delta R.T.: -0.003 min  
Response: 330695422  
Conc: 51.01 ng/ml



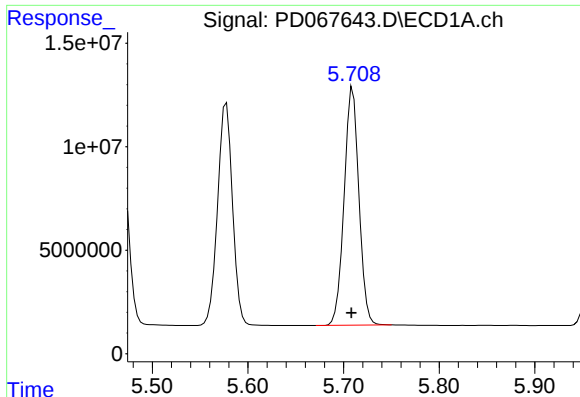
#12 4,4'-DDE

R.T.: 5.578 min  
Delta R.T.: 0.002 min  
Response: 117596214  
Conc: 53.12 ng/ml



#12 4,4'-DDE

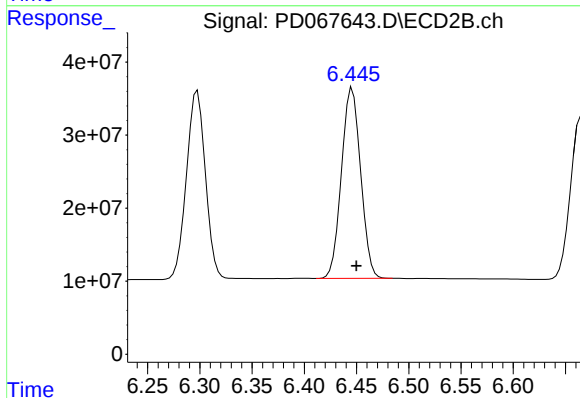
R.T.: 6.298 min  
Delta R.T.: -0.003 min  
Response: 326281282  
Conc: 52.97 ng/ml



#13 Dieldrin

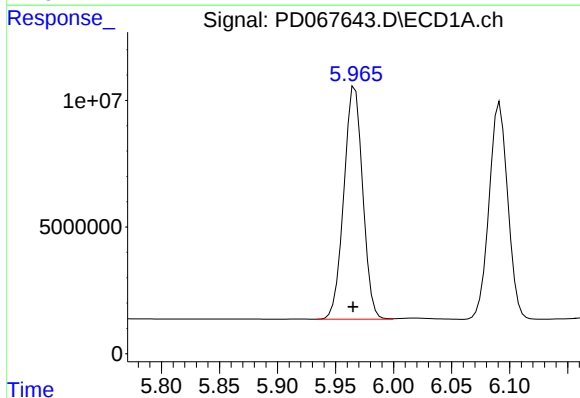
R.T.: 5.710 min  
Delta R.T.: 0.002 min  
Response: 124142035  
Conc: 51.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



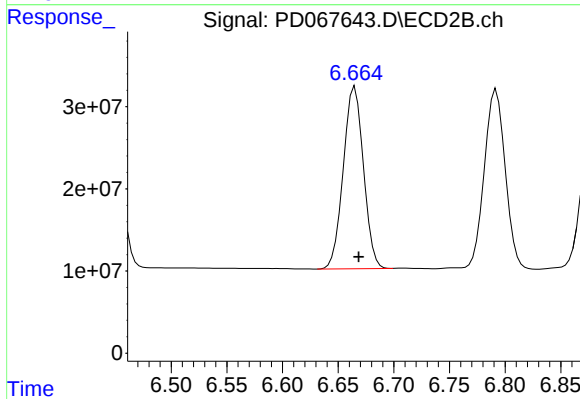
#13 Dieldrin

R.T.: 6.446 min  
Delta R.T.: -0.004 min  
Response: 333031709  
Conc: 50.13 ng/ml



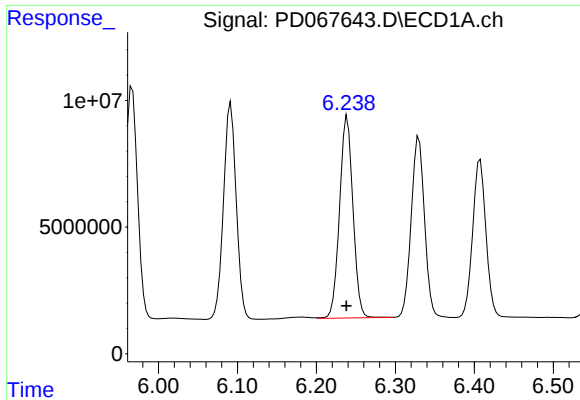
#14 Endrin

R.T.: 5.967 min  
Delta R.T.: 0.002 min  
Response: 103833743  
Conc: 49.43 ng/ml



#14 Endrin

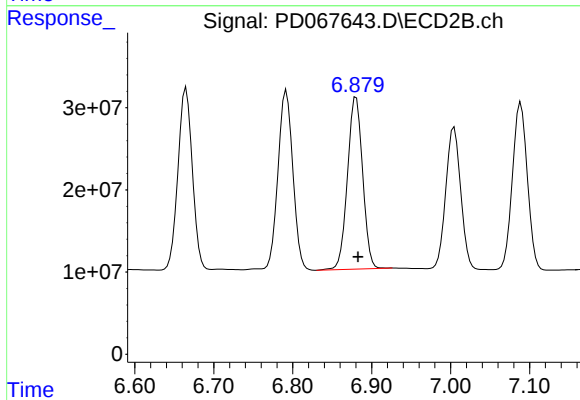
R.T.: 6.665 min  
Delta R.T.: -0.004 min  
Response: 279668613  
Conc: 50.45 ng/ml



#15 Endosulfan II

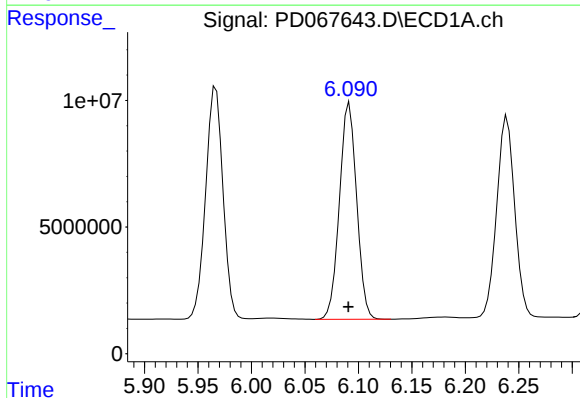
R.T.: 6.239 min  
Delta R.T.: 0.001 min  
Response: 93773506  
Conc: 46.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



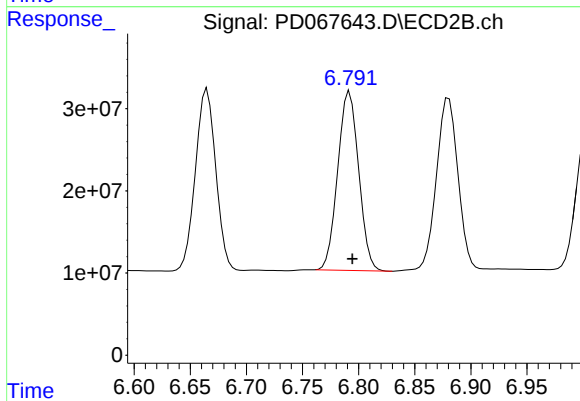
#15 Endosulfan II

R.T.: 6.880 min  
Delta R.T.: -0.003 min  
Response: 279916289  
Conc: 47.10 ng/ml



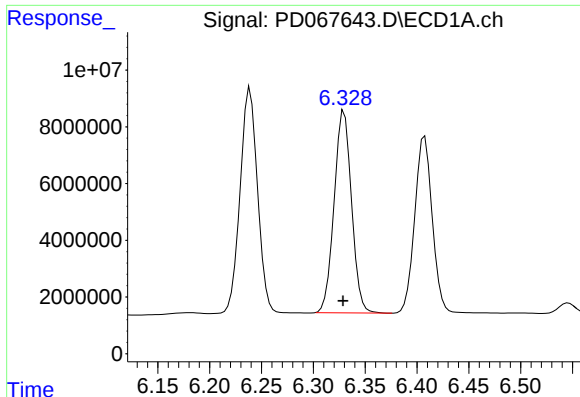
#16 4,4'-DDD

R.T.: 6.092 min  
Delta R.T.: 0.000 min  
Response: 95911025  
Conc: 55.83 ng/ml



#16 4,4'-DDD

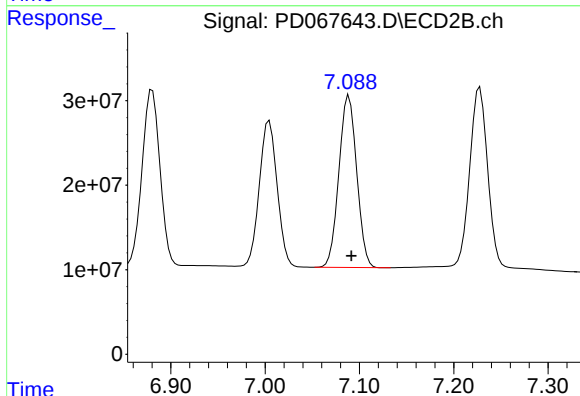
R.T.: 6.792 min  
Delta R.T.: -0.002 min  
Response: 283922931  
Conc: 56.72 ng/ml



#17 4,4'-DDT

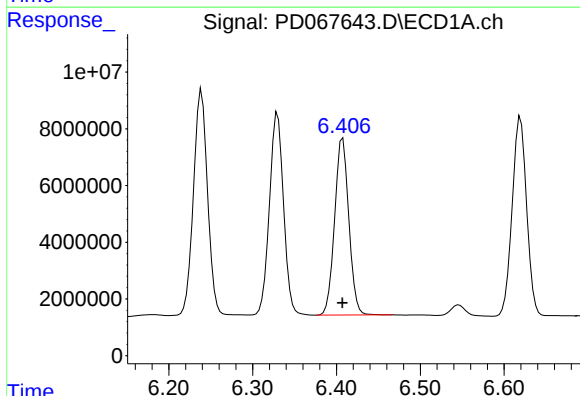
R.T.: 6.330 min  
Delta R.T.: 0.000 min  
Response: 83252845  
Conc: 50.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



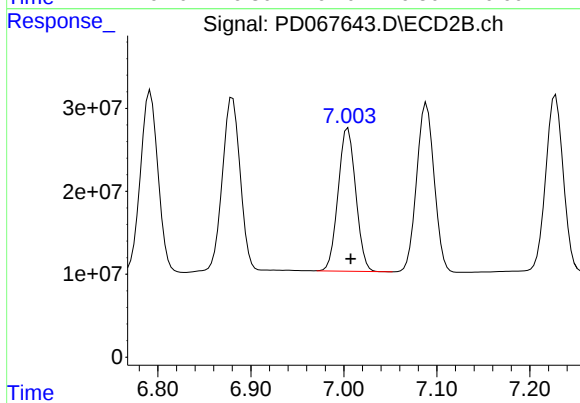
#17 4,4'-DDT

R.T.: 7.089 min  
Delta R.T.: -0.003 min  
Response: 267350466  
Conc: 49.96 ng/ml



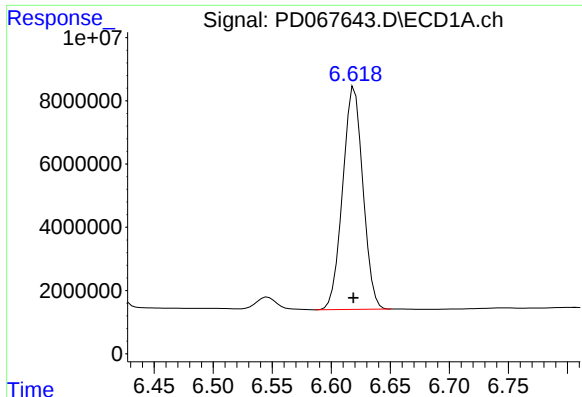
#18 Endrin aldehyde

R.T.: 6.408 min  
Delta R.T.: 0.000 min  
Response: 73167758  
Conc: 48.15 ng/ml



#18 Endrin aldehyde

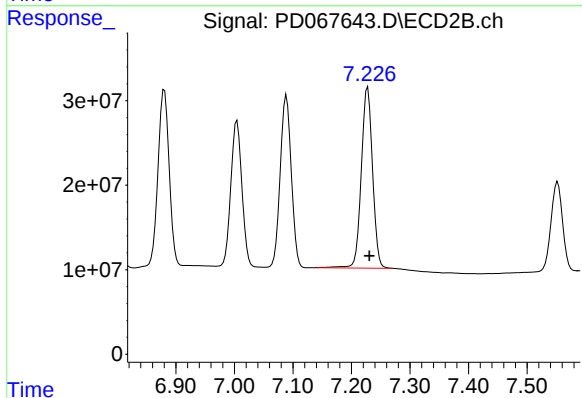
R.T.: 7.004 min  
Delta R.T.: -0.003 min  
Response: 226879106  
Conc: 50.29 ng/ml



#19 Endosulfan Sulfate

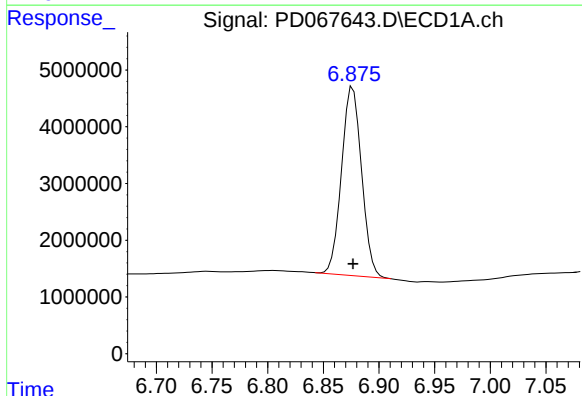
R.T.: 6.620 min  
Delta R.T.: 0.000 min  
Response: 83916403  
Conc: 51.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



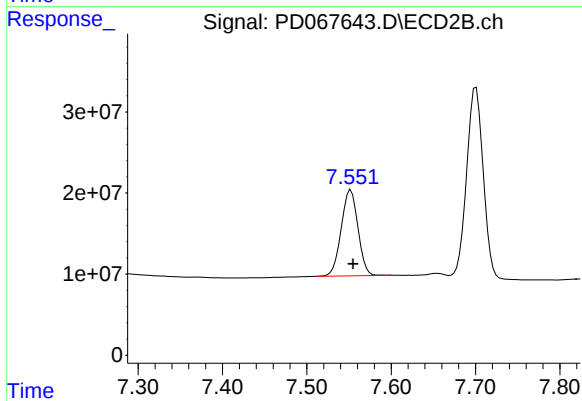
#19 Endosulfan Sulfate

R.T.: 7.228 min  
Delta R.T.: -0.003 min  
Response: 286508402  
Conc: 52.42 ng/ml



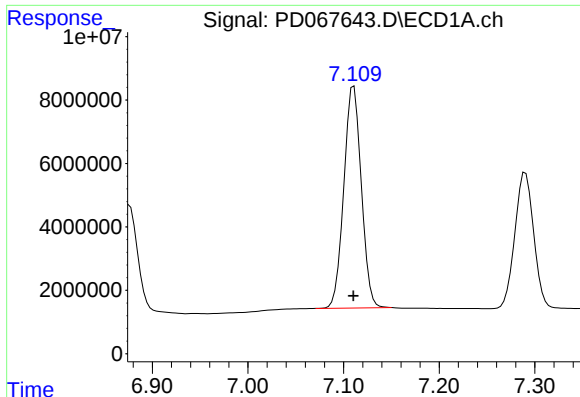
#20 Methoxychlor

R.T.: 6.877 min  
Delta R.T.: 0.000 min  
Response: 41633289  
Conc: 49.04 ng/ml



#20 Methoxychlor

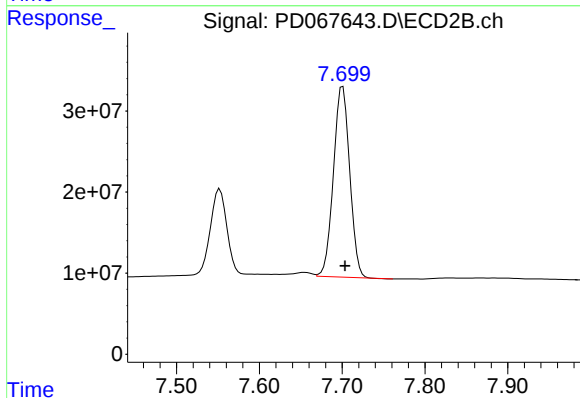
R.T.: 7.552 min  
Delta R.T.: -0.002 min  
Response: 146565348  
Conc: 50.51 ng/ml



#21 Endrin ketone

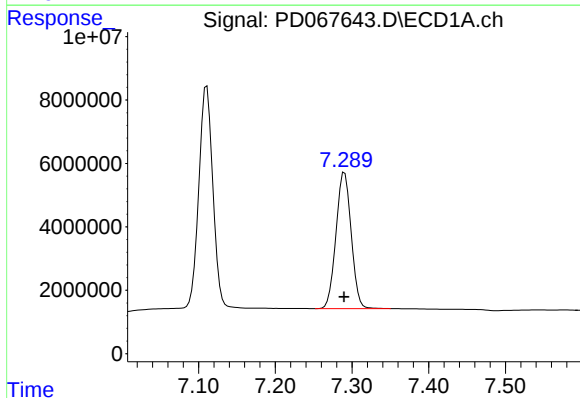
R.T.: 7.111 min  
Delta R.T.: 0.000 min  
Response: 89210884  
Conc: 52.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



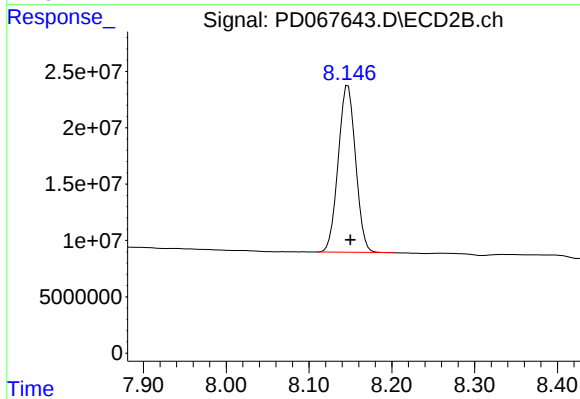
#21 Endrin ketone

R.T.: 7.701 min  
Delta R.T.: -0.003 min  
Response: 320745562  
Conc: 51.11 ng/ml



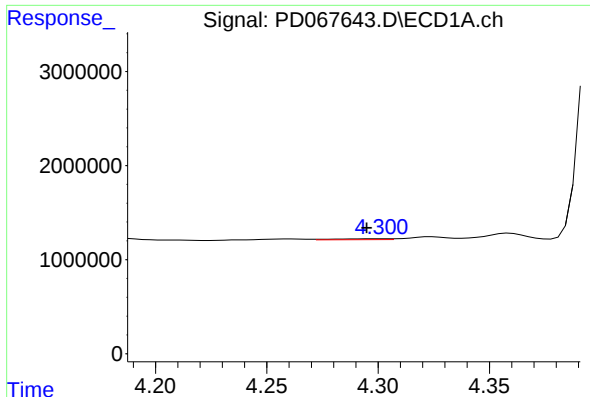
#22 Mirex

R.T.: 7.290 min  
Delta R.T.: 0.000 min  
Response: 59171662  
Conc: 49.47 ng/ml



#22 Mirex

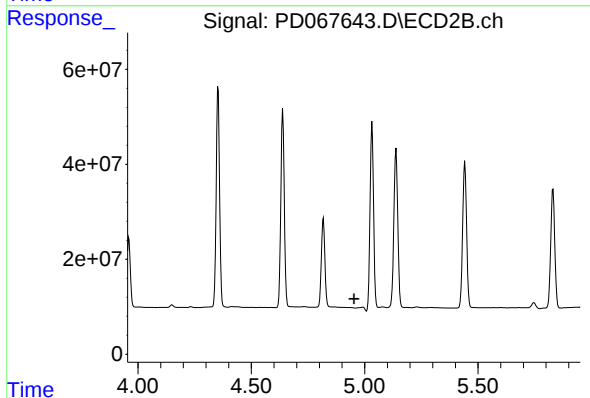
R.T.: 8.147 min  
Delta R.T.: -0.003 min  
Response: 215342100  
Conc: 49.59 ng/ml



#23 Chlordane-1

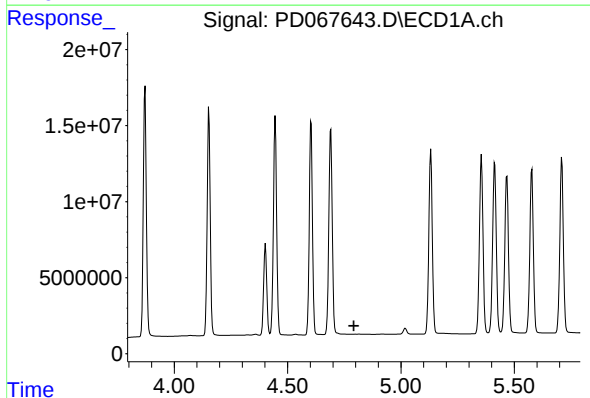
R.T.: 4.302 min  
Delta R.T.: 0.007 min  
Response: 154127  
Conc: 1.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



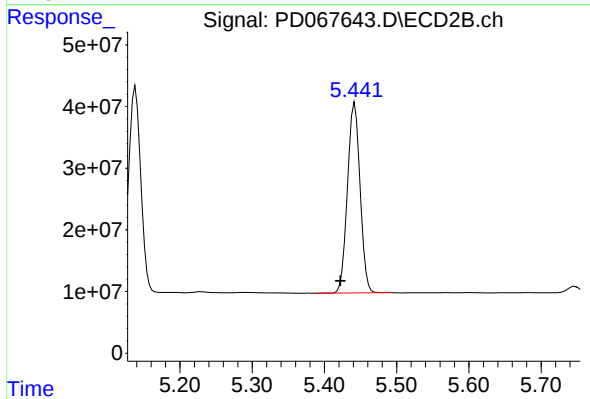
#23 Chlordane-1

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



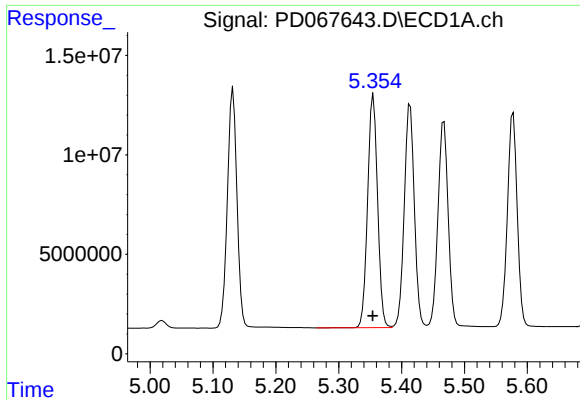
#24 Chlordane-2

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



#24 Chlordane-2

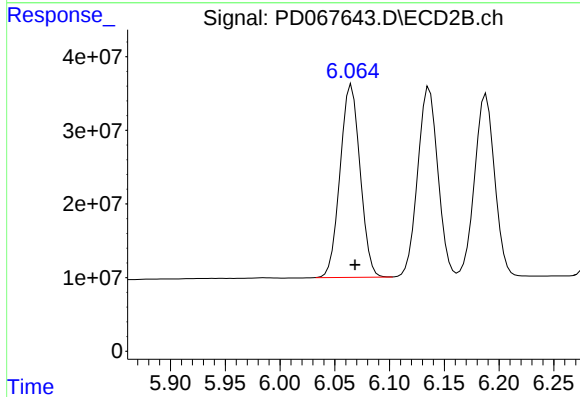
R.T.: 5.442 min  
Delta R.T.: 0.020 min  
Response: 371718560  
Conc: 1354.72 ng/ml



#25 Chlordane-3

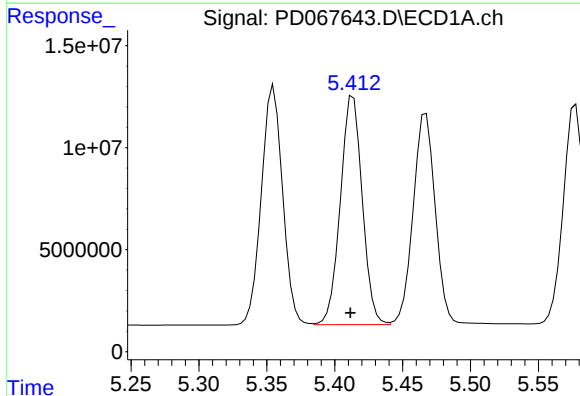
R.T.: 5.355 min  
Delta R.T.: 0.000 min  
Response: 127833213  
Conc: 479.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



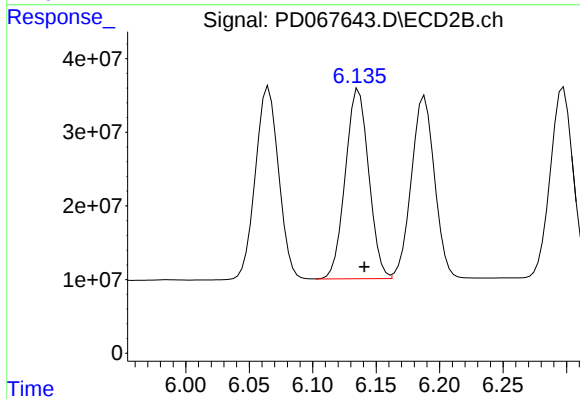
#25 Chlordane-3

R.T.: 6.065 min  
Delta R.T.: -0.003 min  
Response: 332974154  
Conc: 345.69 ng/ml



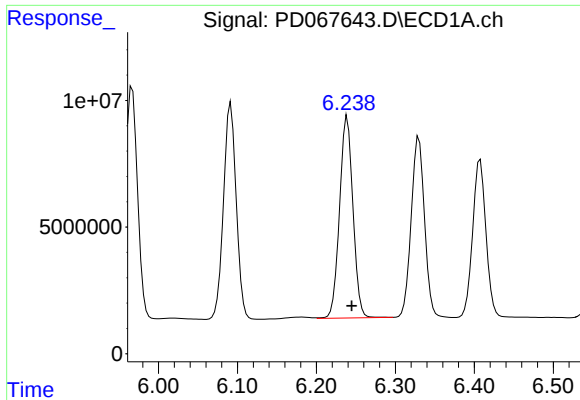
#26 Chlordane-4

R.T.: 5.414 min  
Delta R.T.: 0.002 min  
Response: 125919641  
Conc: 572.23 ng/ml



#26 Chlordane-4

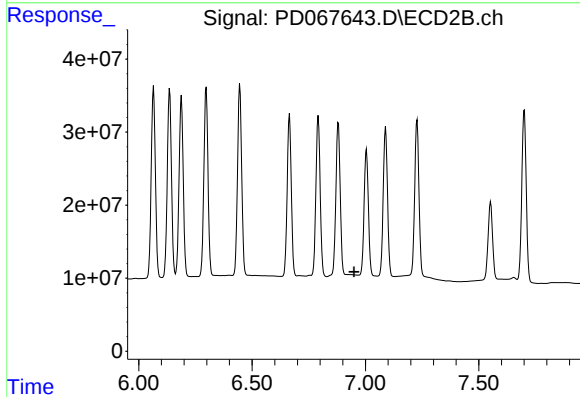
R.T.: 6.136 min  
Delta R.T.: -0.005 min  
Response: 330695422  
Conc: 289.65 ng/ml



#27 Chlordane-5

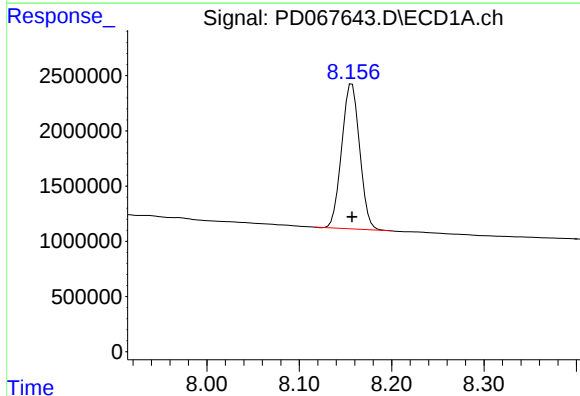
R.T.: 6.239 min  
Delta R.T.: -0.006 min  
Response: 93773506  
Conc: 1083.19 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



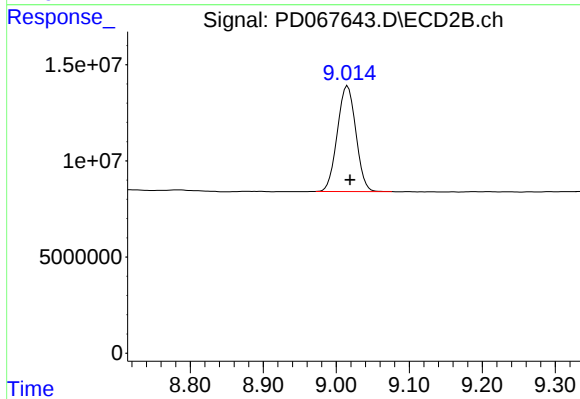
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.157 min  
Delta R.T.: 0.000 min  
Response: 17747280  
Conc: 19.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.016 min  
Delta R.T.: -0.003 min  
Response: 96904493  
Conc: 20.39 ng/ml