

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090821\  
 Data File : PD065619.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2021 10:25  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 07:08:53 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090421.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 04 01:23:47 2021  
 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... | 3.494  | 4.013  | 42652706 | 355.0E6 | 43.522   | 48.432     |
| 2)                          | SA Decachlor... | 8.238  | 9.086  | 71865631 | 249.8E6 | 41.683   | 46.811     |
| Target Compounds            |                 |        |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.934  | 4.408  | 63262502 | 515.1E6 | 43.911   | 48.697     |
| 3)                          | MA gamma-BHC... | 4.218  | 4.694  | 61511472 | 476.8E6 | 42.615   | 48.383     |
| 4)                          | MA Heptachlor   | 4.516  | 5.198  | 62216016 | 428.5E6 | 40.993   | 47.125     |
| 5)                          | MB Aldrin       | 4.763  | 5.504  | 60129540 | 399.7E6 | 42.076   | 47.373     |
| 6)                          | B beta-BHC      | 4.465  | 4.870  | 32165332 | 225.4E6 | 43.962   | 48.421     |
| 7)                          | B delta-BHC     | 4.670  | 5.087  | 65993627 | 461.1E6 | 44.252   | 49.587     |
| 8)                          | B Heptachlo...  | 5.206  | 5.893  | 60866464 | 335.6E6 | 41.729   | 46.600     |
| 9)                          | A Endosulfan I  | 5.544  | 6.251  | 59514341 | 338.8E6 | 41.986   | 48.108     |
| 10)                         | B gamma-Chl...  | 5.430  | 6.127  | 63797252 | 361.5E6 | 41.769   | 48.134     |
| 11)                         | B alpha-Chl...  | 5.489  | 6.199  | 63068271 | 352.7E6 | 41.896   | 47.884     |
| 12)                         | B 4,4'-DDE      | 5.651  | 6.357  | 59932745 | 352.2E6 | 42.031   | 48.754     |
| 13)                         | MA Dieldrin     | 5.787  | 6.509  | 65762148 | 363.7E6 | 42.497   | 48.206     |
| 14)                         | MA Endrin       | 6.045  | 6.729  | 60613925 | 311.2E6 | 44.084   | 52.167     |
| 15)                         | B Endosulfa...  | 6.317  | 6.942  | 60601432 | 309.8E6 | 42.194   | 48.328     |
| 16)                         | A 4,4'-DDD      | 6.166  | 6.851  | 54060219 | 298.5E6 | 42.405   | 47.823     |
| 17)                         | MA 4,4'-DDT     | 6.407  | 7.149  | 58528572 | 292.0E6 | 42.523   | 47.942     |
| 18)                         | B Endrin al...  | 6.486  | 7.066  | 53223177 | 266.0E6 | 42.196   | 48.687     |
| 19)                         | B Endosulfa...  | 6.697  | 7.289  | 65952161 | 309.4E6 | 42.684   | 48.404     |
| 20)                         | A Methoxychlor  | 6.953  | 7.608  | 36653233 | 159.5E6 | 43.712   | 48.988     |
| 21)                         | B Endrin ke...  | 7.191  | 7.762  | 79087093 | 351.4E6 | 42.535   | 46.449     |
| 22)                         | Mirex           | 7.376  | 8.211  | 64949076 | 243.4E6 | 41.429   | 46.016     |
| 23)                         | Chlordane-1     | 4.391f | 0.000  | 728218   | 0       | 17.611   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.504f | 0        | 399.7E6 | N.D.     | 1420.045 # |
| 25)                         | Chlordane-3     | 5.430  | 6.127  | 63797252 | 361.5E6 | 426.035  | 350.155    |
| 26)                         | Chlordane-4     | 5.489  | 6.199  | 63068271 | 352.7E6 | 509.060  | 292.215 #  |
| 27)                         | Chlordane-5     | 6.317  | 0.000  | 60601432 | 0       | 1004.343 | N.D. #     |
| -----                       |                 |        |        |          |         |          |            |

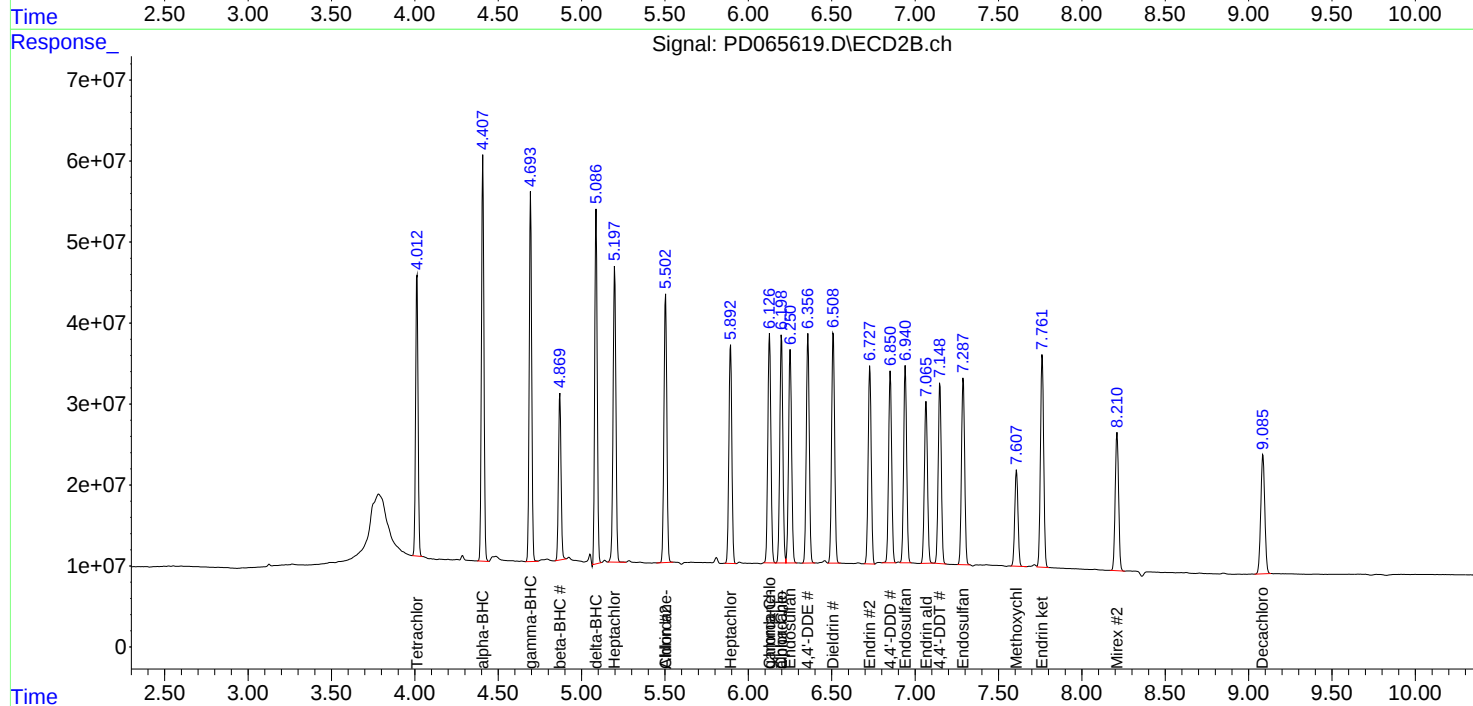
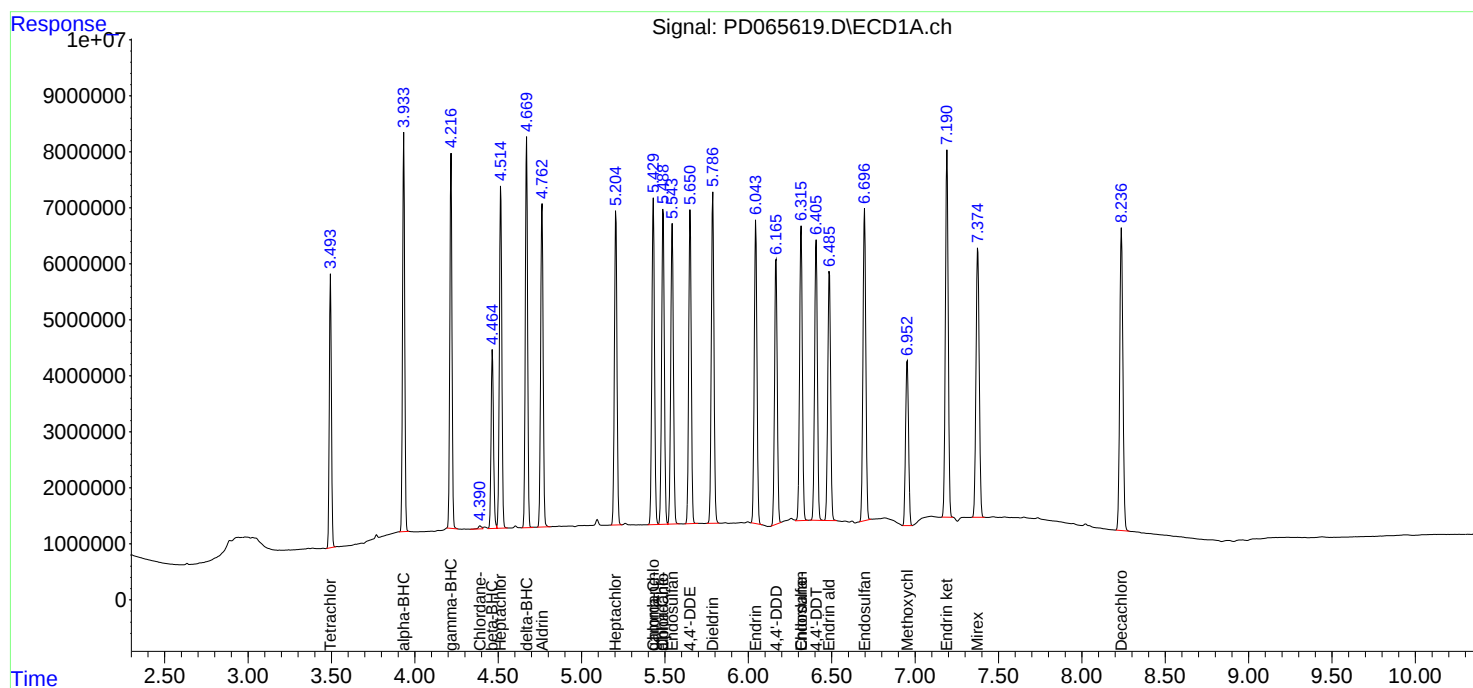
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

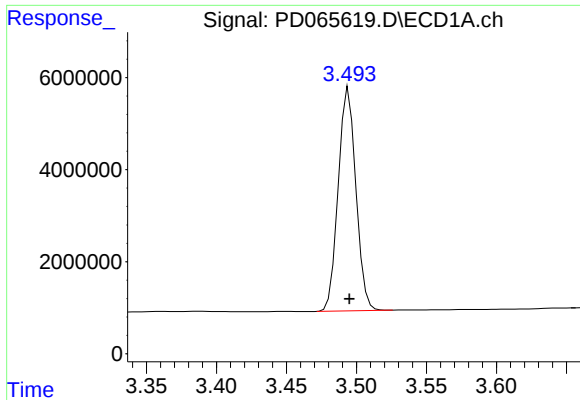
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090821\  
Data File : PD065619.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2021 10:25  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 07:08:53 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090421.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 04 01:23:47 2021  
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

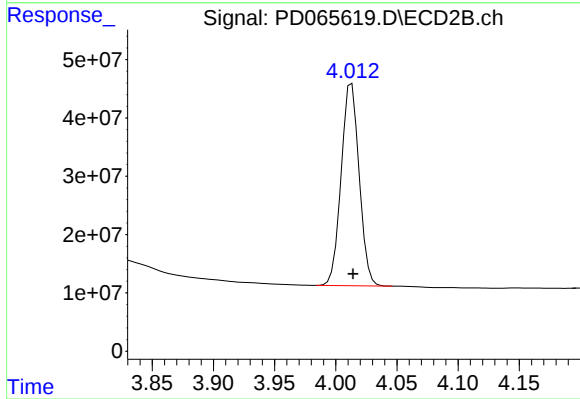




#1 Tetrachloro-m-xylene

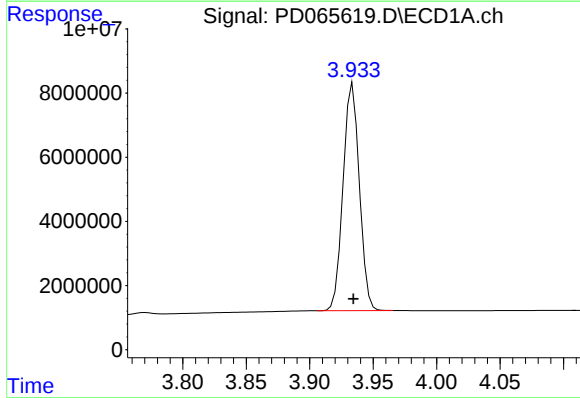
R.T.: 3.494 min  
Delta R.T.: 0.000 min  
Response: 42652706  
Conc: 43.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



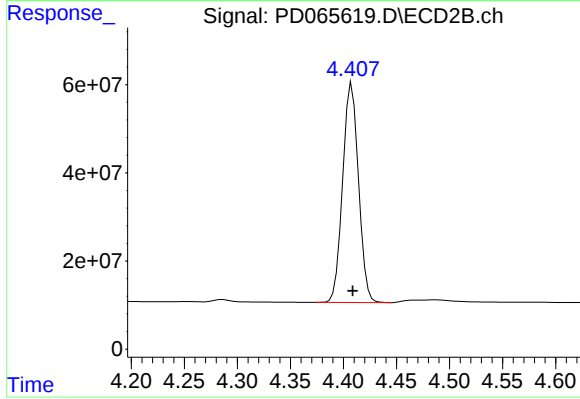
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 354975016  
Conc: 48.43 ng/ml



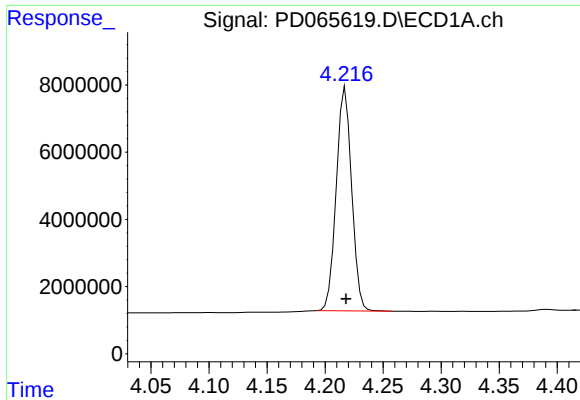
#2 alpha-BHC

R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 63262502  
Conc: 43.91 ng/ml



#2 alpha-BHC

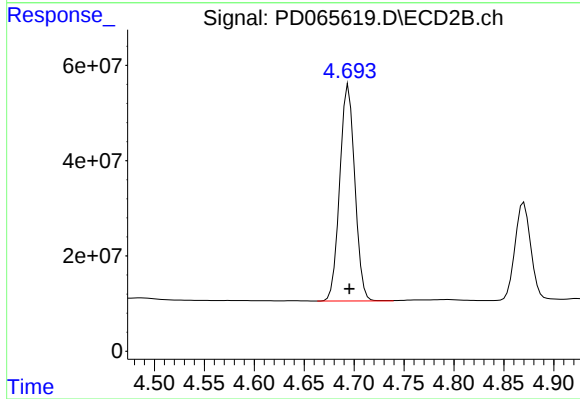
R.T.: 4.408 min  
Delta R.T.: 0.000 min  
Response: 515143711  
Conc: 48.70 ng/ml



#3 gamma-BHC (Lindane)

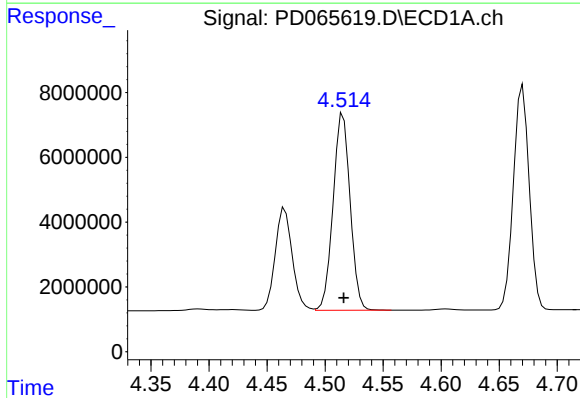
R.T.: 4.218 min  
Delta R.T.: 0.000 min  
Response: 61511472  
Conc: 42.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



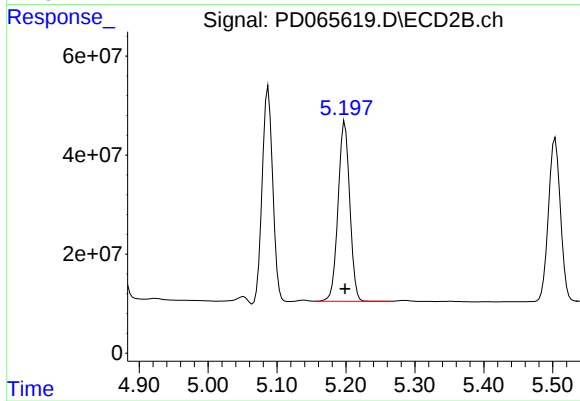
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: 0.000 min  
Response: 476765336  
Conc: 48.38 ng/ml



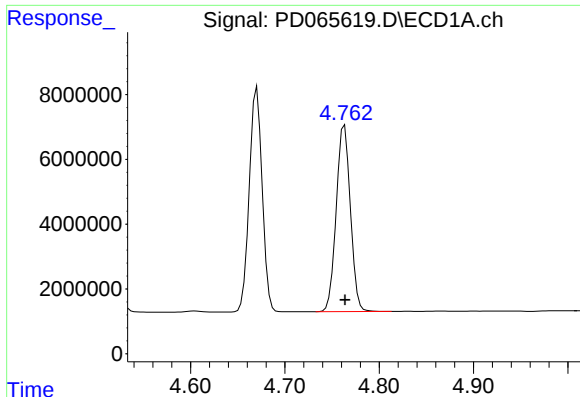
#4 Heptachlor

R.T.: 4.516 min  
Delta R.T.: 0.000 min  
Response: 62216016  
Conc: 40.99 ng/ml



#4 Heptachlor

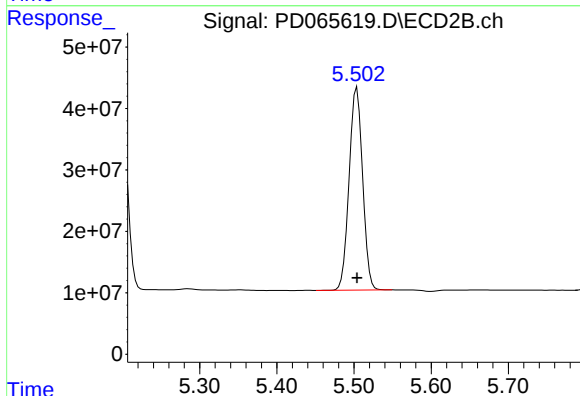
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 428483117  
Conc: 47.13 ng/ml



#5 Aldrin

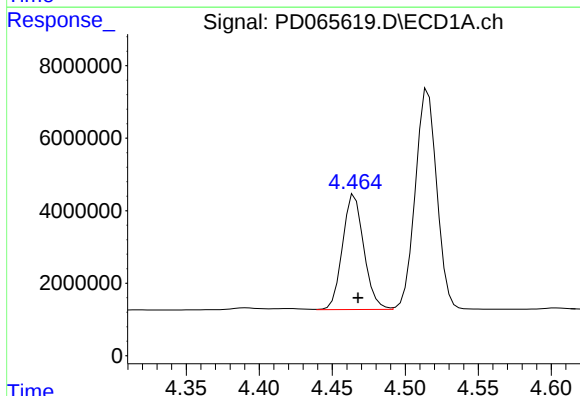
R.T.: 4.763 min  
Delta R.T.: 0.000 min  
Response: 60129540  
Conc: 42.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



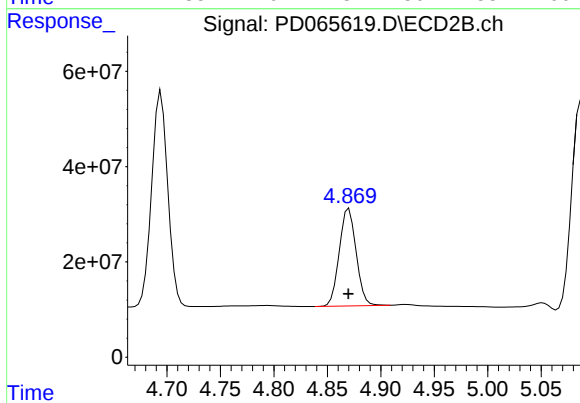
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 399680083  
Conc: 47.37 ng/ml



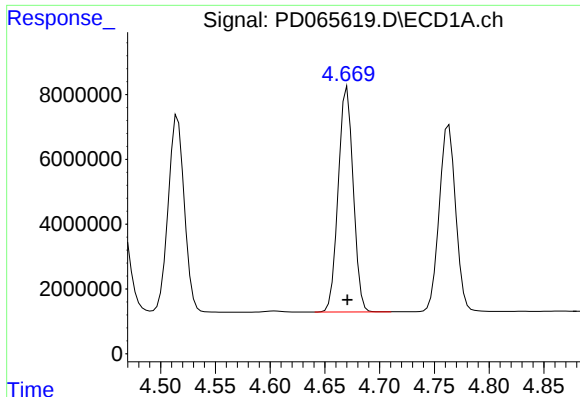
#6 beta-BHC

R.T.: 4.465 min  
Delta R.T.: -0.002 min  
Response: 32165332  
Conc: 43.96 ng/ml



#6 beta-BHC

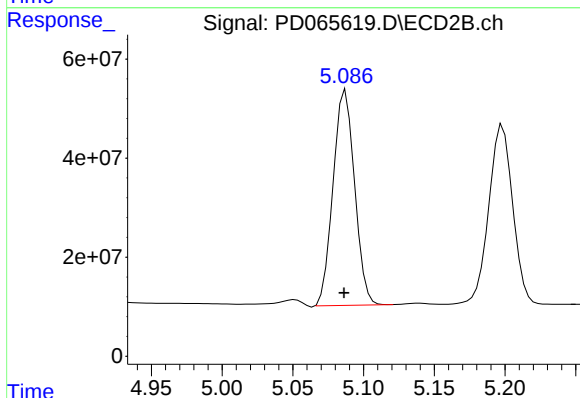
R.T.: 4.870 min  
Delta R.T.: 0.000 min  
Response: 225418485  
Conc: 48.42 ng/ml



#7 delta-BHC

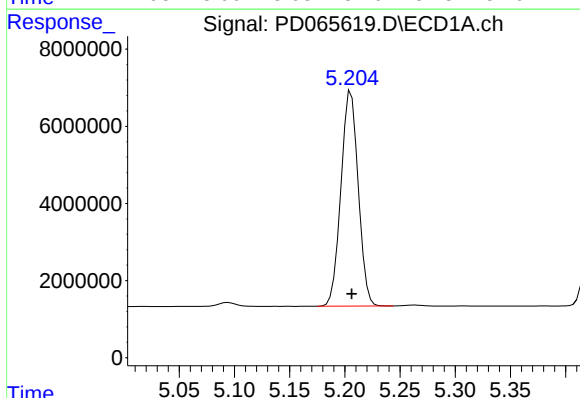
R.T.: 4.670 min  
Delta R.T.: 0.000 min  
Response: 65993627  
Conc: 44.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



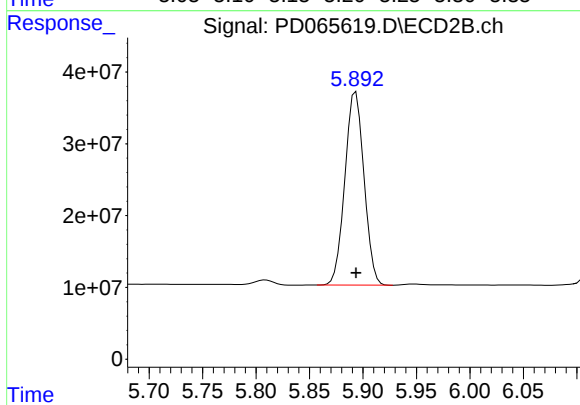
#7 delta-BHC

R.T.: 5.087 min  
Delta R.T.: 0.001 min  
Response: 461064638  
Conc: 49.59 ng/ml



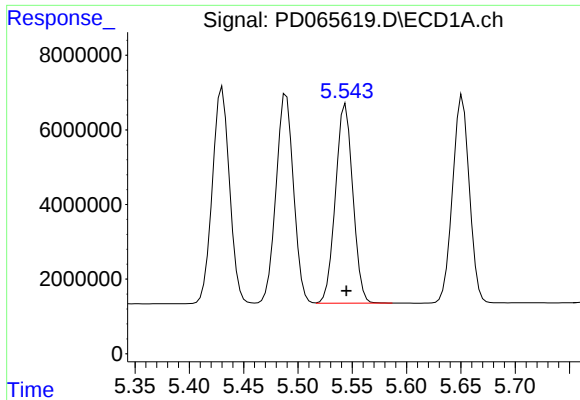
#8 Heptachlor epoxide

R.T.: 5.206 min  
Delta R.T.: 0.000 min  
Response: 60866464  
Conc: 41.73 ng/ml



#8 Heptachlor epoxide

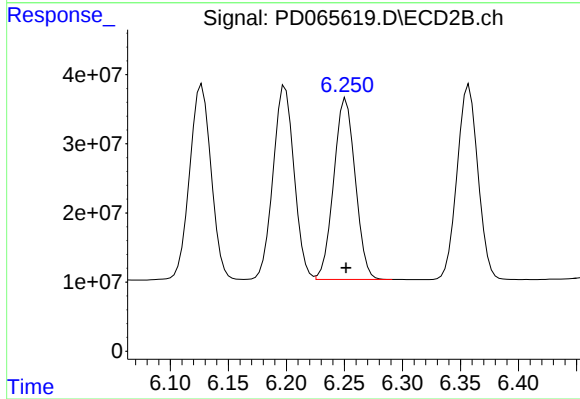
R.T.: 5.893 min  
Delta R.T.: 0.000 min  
Response: 335624382  
Conc: 46.60 ng/ml



#9 Endosulfan I

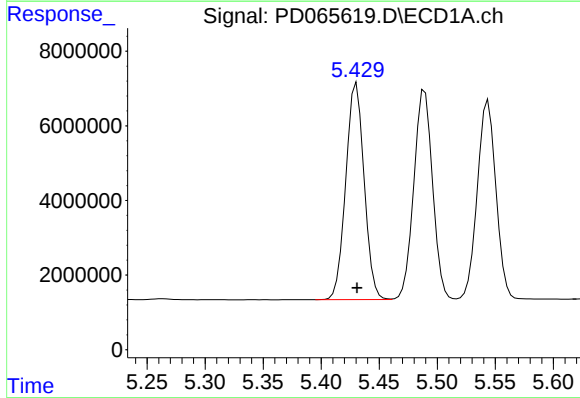
R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 59514341  
Conc: 41.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



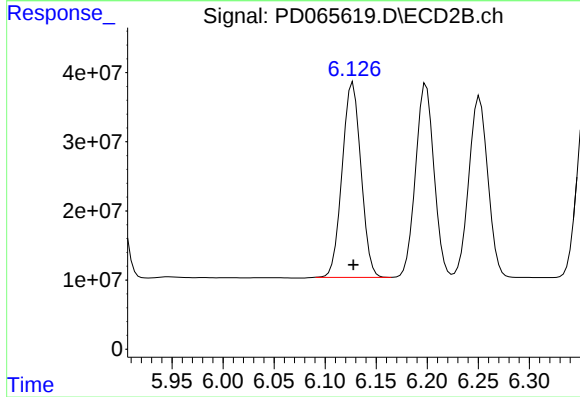
#9 Endosulfan I

R.T.: 6.251 min  
Delta R.T.: 0.000 min  
Response: 338822426  
Conc: 48.11 ng/ml



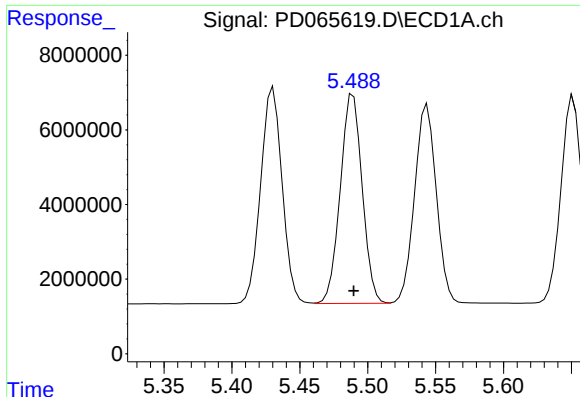
#10 gamma-Chlordane

R.T.: 5.430 min  
Delta R.T.: 0.000 min  
Response: 63797252  
Conc: 41.77 ng/ml



#10 gamma-Chlordane

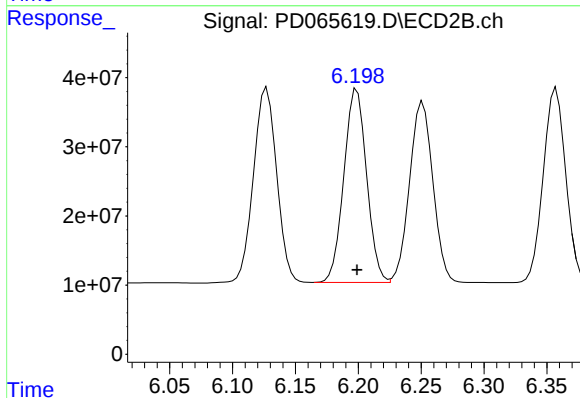
R.T.: 6.127 min  
Delta R.T.: 0.000 min  
Response: 361450344  
Conc: 48.13 ng/ml



#11 alpha-Chlordane

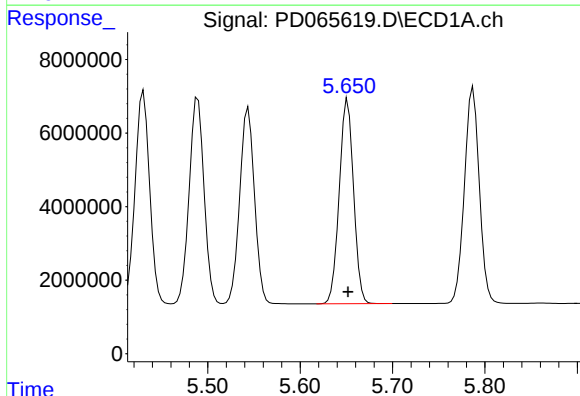
R.T.: 5.489 min  
Delta R.T.: 0.000 min  
Response: 63068271  
Conc: 41.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



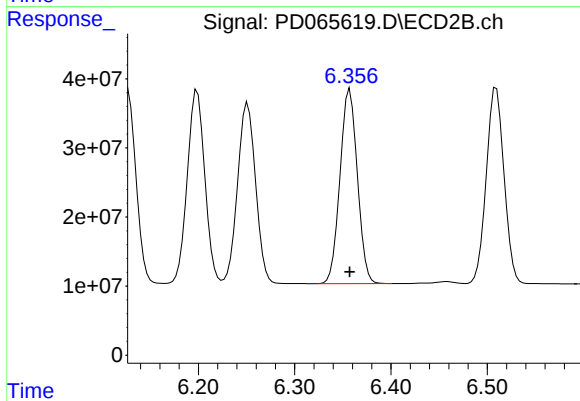
#11 alpha-Chlordane

R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 352663857  
Conc: 47.88 ng/ml



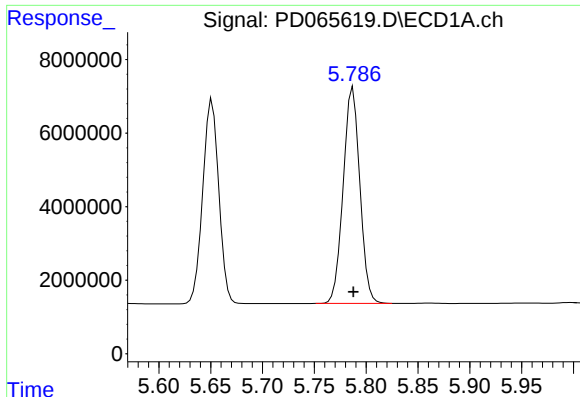
#12 4,4'-DDE

R.T.: 5.651 min  
Delta R.T.: 0.000 min  
Response: 59932745  
Conc: 42.03 ng/ml



#12 4,4'-DDE

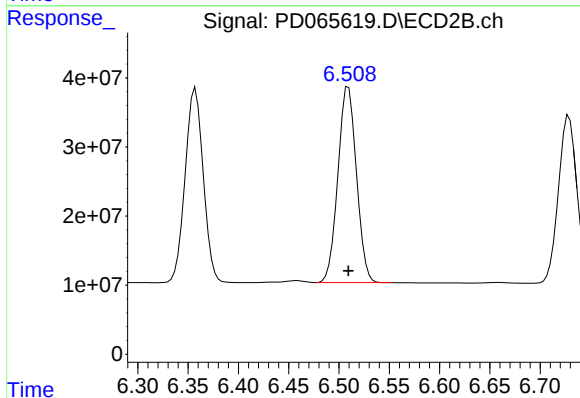
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 352244598  
Conc: 48.75 ng/ml



#13 Dieldrin

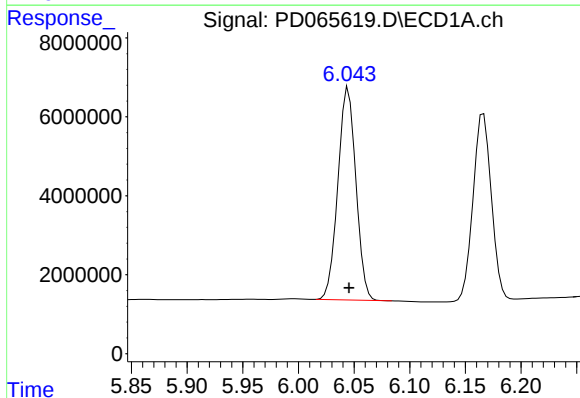
R.T.: 5.787 min  
Delta R.T.: 0.000 min  
Response: 65762148  
Conc: 42.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



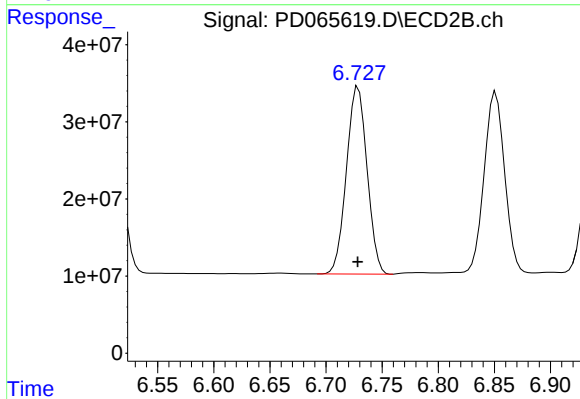
#13 Dieldrin

R.T.: 6.509 min  
Delta R.T.: 0.000 min  
Response: 363680748  
Conc: 48.21 ng/ml



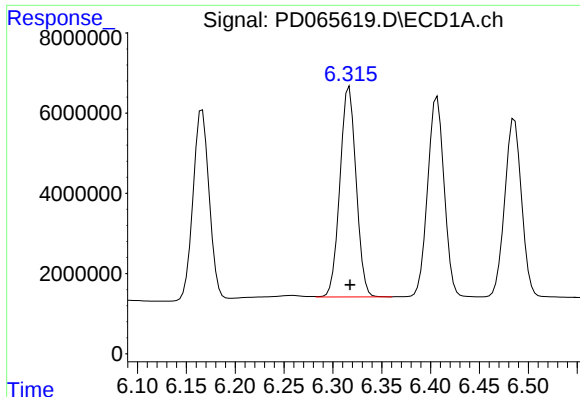
#14 Endrin

R.T.: 6.045 min  
Delta R.T.: 0.000 min  
Response: 60613925  
Conc: 44.08 ng/ml



#14 Endrin

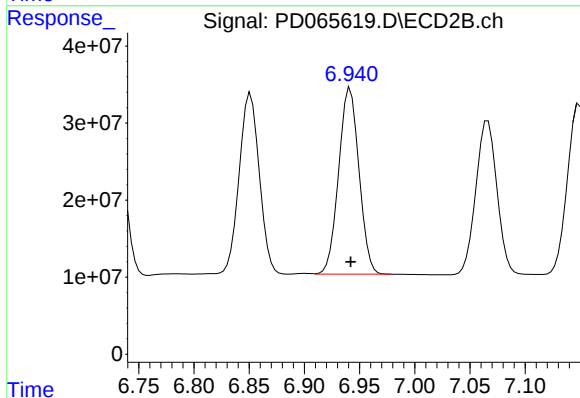
R.T.: 6.729 min  
Delta R.T.: 0.000 min  
Response: 311194636  
Conc: 52.17 ng/ml



#15 Endosulfan II

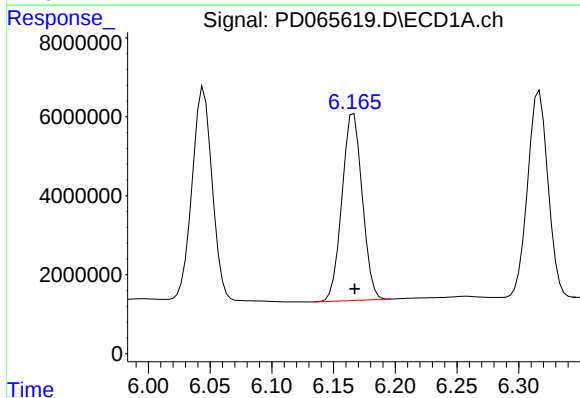
R.T.: 6.317 min  
Delta R.T.: 0.000 min  
Response: 60601432  
Conc: 42.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



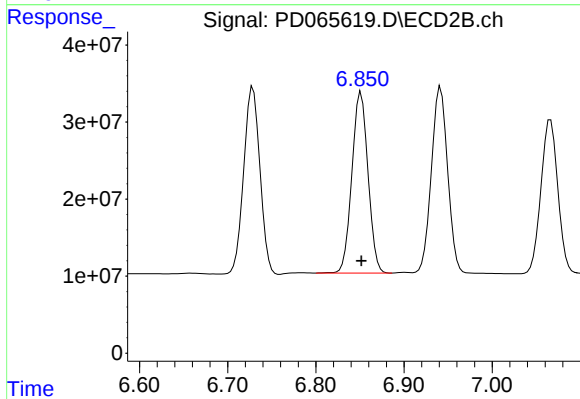
#15 Endosulfan II

R.T.: 6.942 min  
Delta R.T.: 0.000 min  
Response: 309828690  
Conc: 48.33 ng/ml



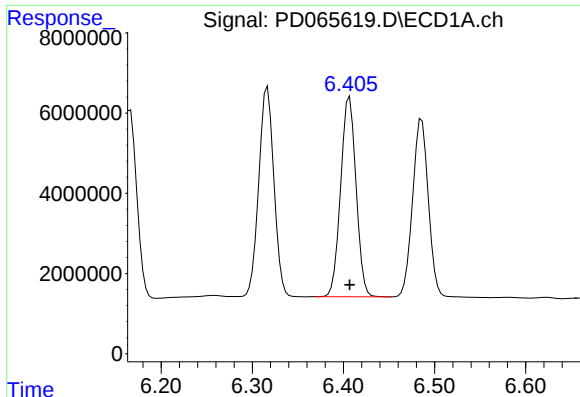
#16 4,4'-DDD

R.T.: 6.166 min  
Delta R.T.: 0.000 min  
Response: 54060219  
Conc: 42.40 ng/ml



#16 4,4'-DDD

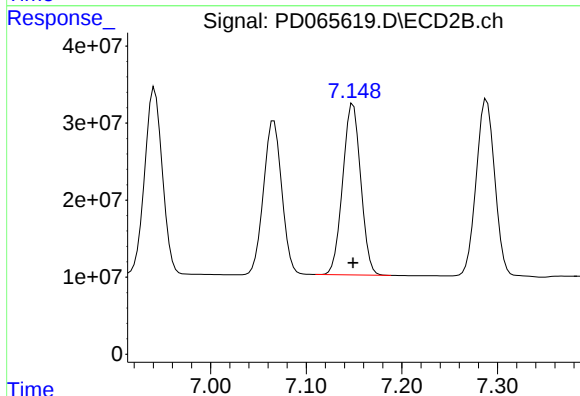
R.T.: 6.851 min  
Delta R.T.: 0.000 min  
Response: 298530495  
Conc: 47.82 ng/ml



#17 4,4'-DDT

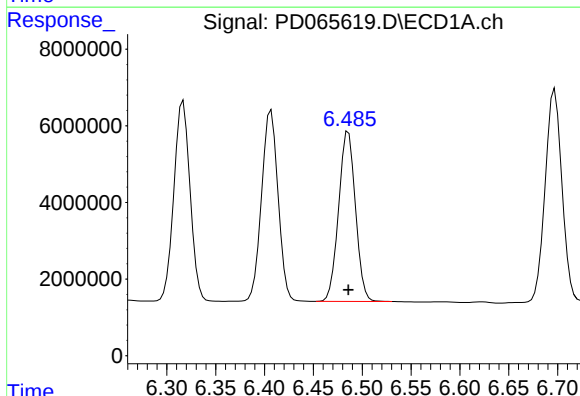
R.T.: 6.407 min  
Delta R.T.: 0.000 min  
Response: 58528572  
Conc: 42.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



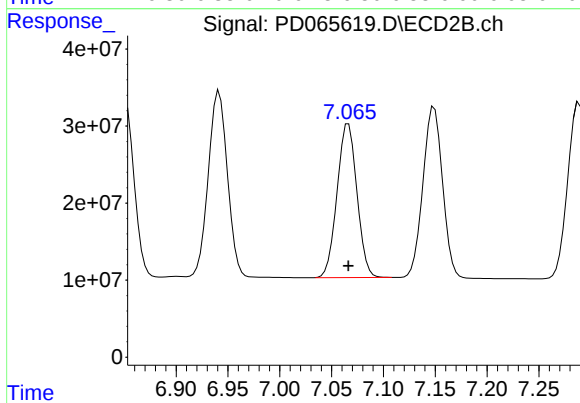
#17 4,4'-DDT

R.T.: 7.149 min  
Delta R.T.: 0.000 min  
Response: 292028137  
Conc: 47.94 ng/ml



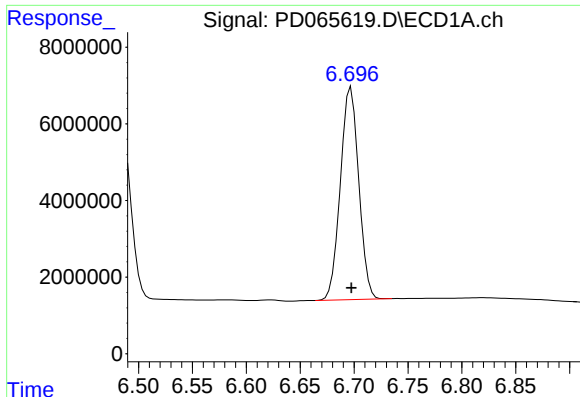
#18 Endrin aldehyde

R.T.: 6.486 min  
Delta R.T.: 0.000 min  
Response: 53223177  
Conc: 42.20 ng/ml



#18 Endrin aldehyde

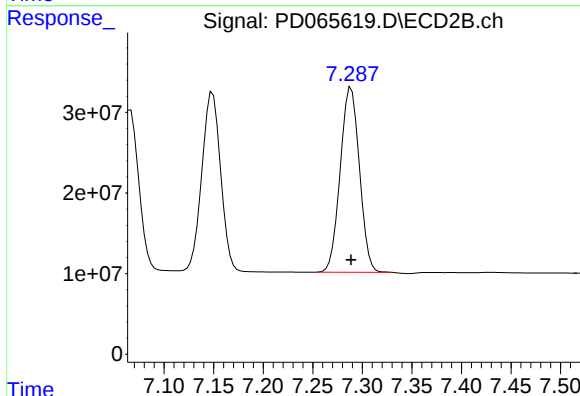
R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 266000341  
Conc: 48.69 ng/ml



#19 Endosulfan Sulfate

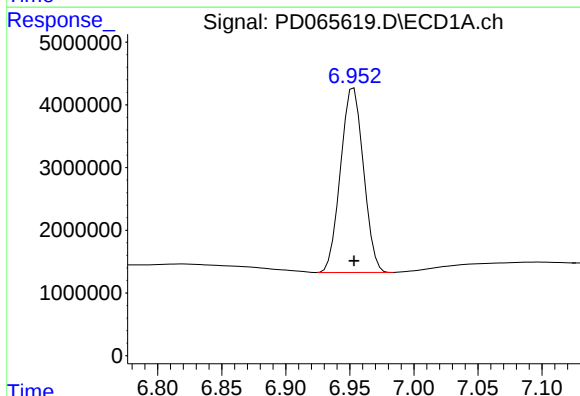
R.T.: 6.697 min  
Delta R.T.: 0.000 min  
Response: 65952161  
Conc: 42.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



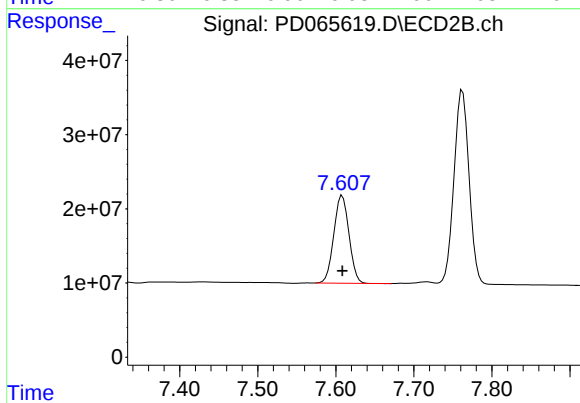
#19 Endosulfan Sulfate

R.T.: 7.289 min  
Delta R.T.: 0.000 min  
Response: 309426615  
Conc: 48.40 ng/ml



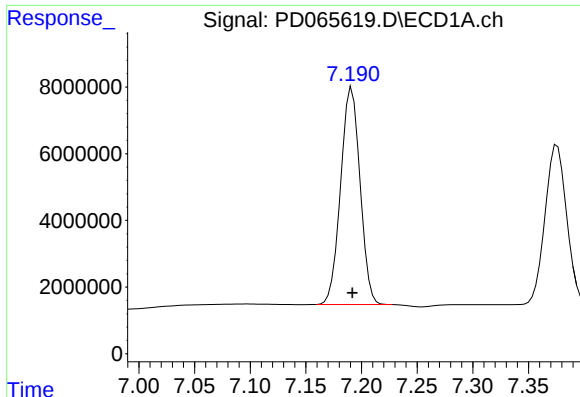
#20 Methoxychlor

R.T.: 6.953 min  
Delta R.T.: 0.000 min  
Response: 36653233  
Conc: 43.71 ng/ml



#20 Methoxychlor

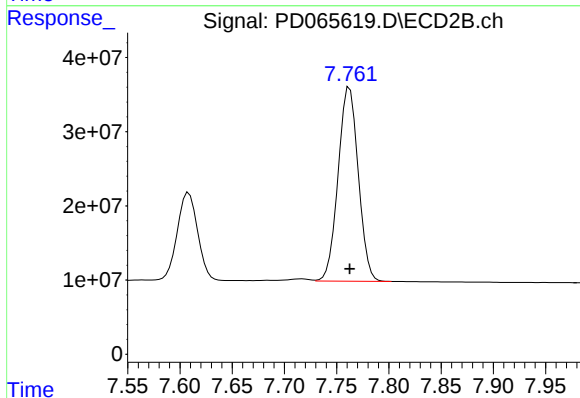
R.T.: 7.608 min  
Delta R.T.: 0.000 min  
Response: 159457692  
Conc: 48.99 ng/ml



#21 Endrin ketone

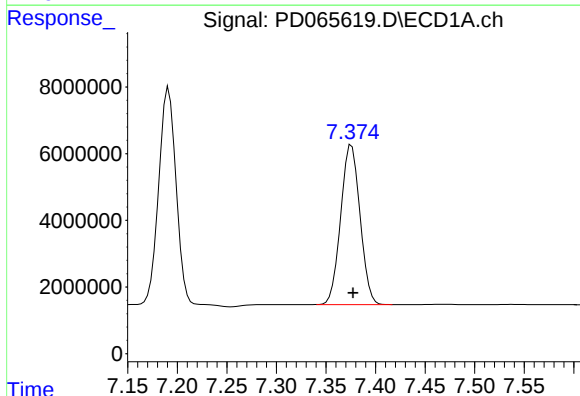
R.T.: 7.191 min  
Delta R.T.: 0.000 min  
Response: 79087093  
Conc: 42.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



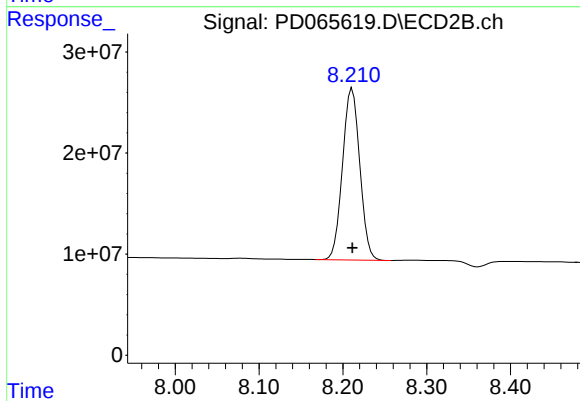
#21 Endrin ketone

R.T.: 7.762 min  
Delta R.T.: 0.000 min  
Response: 351392891  
Conc: 46.45 ng/ml



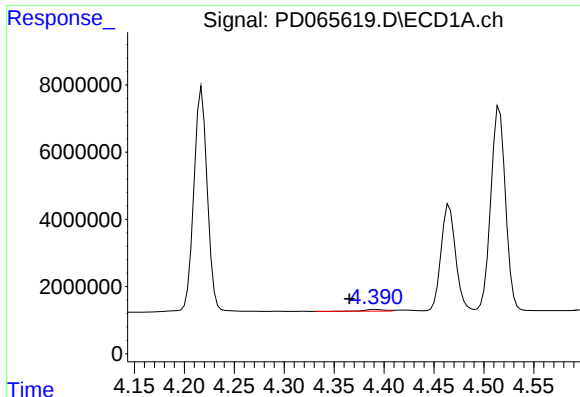
#22 Mirex

R.T.: 7.376 min  
Delta R.T.: -0.002 min  
Response: 64949076  
Conc: 41.43 ng/ml



#22 Mirex

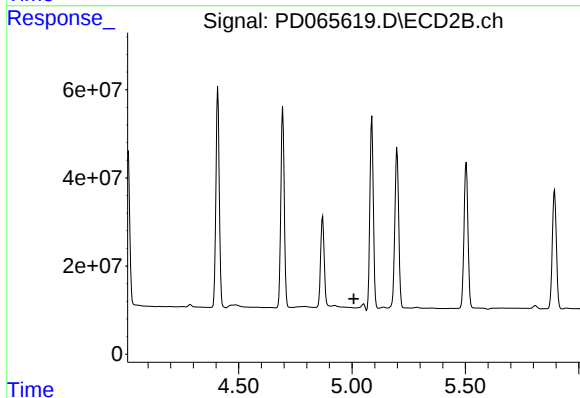
R.T.: 8.211 min  
Delta R.T.: 0.000 min  
Response: 243385336  
Conc: 46.02 ng/ml



#23 Chlordane-1

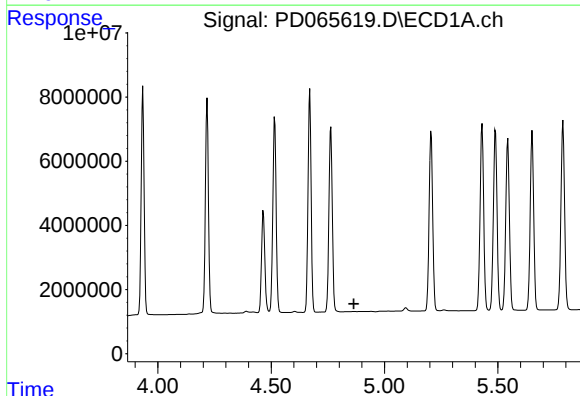
R.T.: 4.391 min  
Delta R.T.: 0.025 min  
Response: 728218  
Conc: 17.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



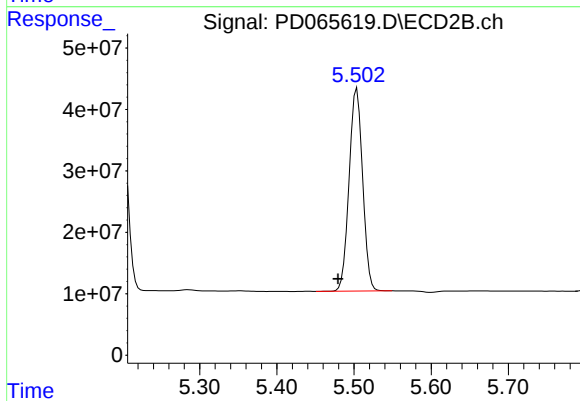
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.008 min  
Response: 0  
Conc: N.D.



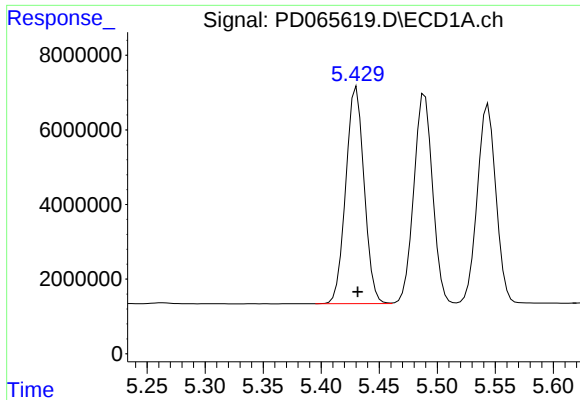
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.865 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

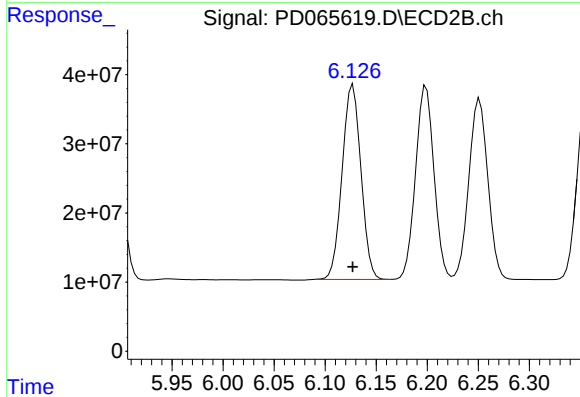
R.T.: 5.504 min  
Delta R.T.: 0.024 min  
Response: 399680083  
Conc: 1420.04 ng/ml



#25 Chlordane-3

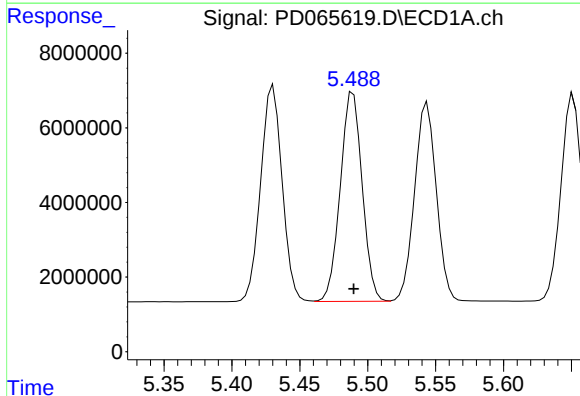
R.T.: 5.430 min  
Delta R.T.: -0.001 min  
Response: 63797252  
Conc: 426.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



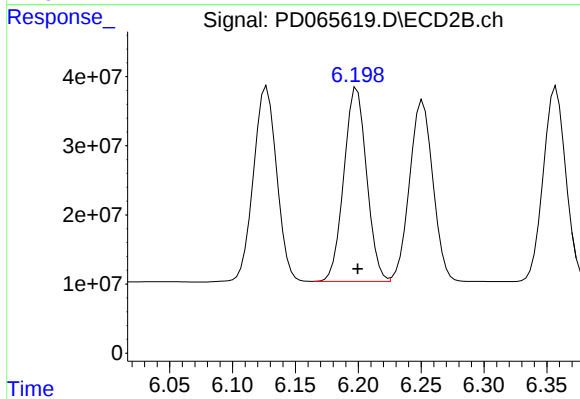
#25 Chlordane-3

R.T.: 6.127 min  
Delta R.T.: 0.000 min  
Response: 361450344  
Conc: 350.15 ng/ml



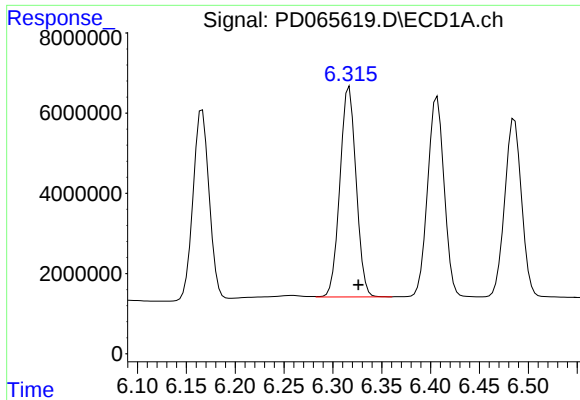
#26 Chlordane-4

R.T.: 5.489 min  
Delta R.T.: 0.000 min  
Response: 63068271  
Conc: 509.06 ng/ml



#26 Chlordane-4

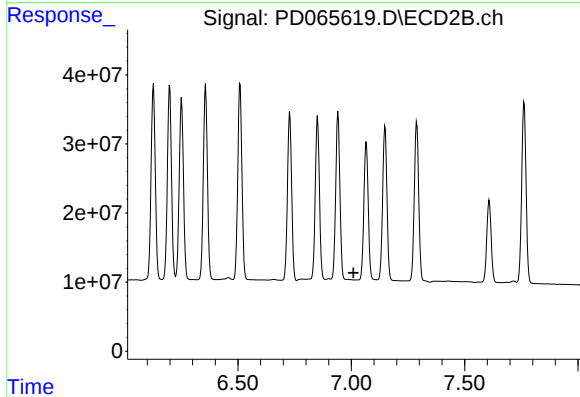
R.T.: 6.199 min  
Delta R.T.: 0.000 min  
Response: 352663857  
Conc: 292.22 ng/ml



#27 Chlordane-5

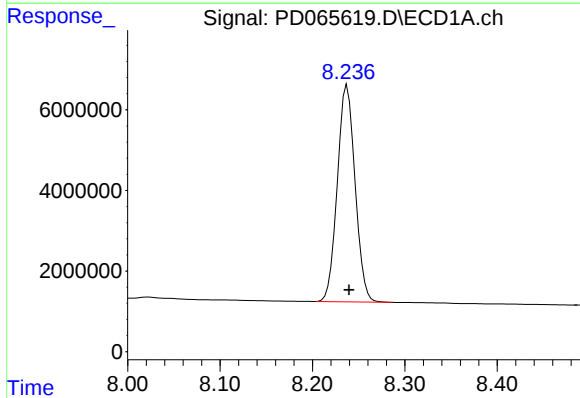
R.T.: 6.317 min  
Delta R.T.: -0.009 min  
Response: 60601432  
Conc: 1004.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



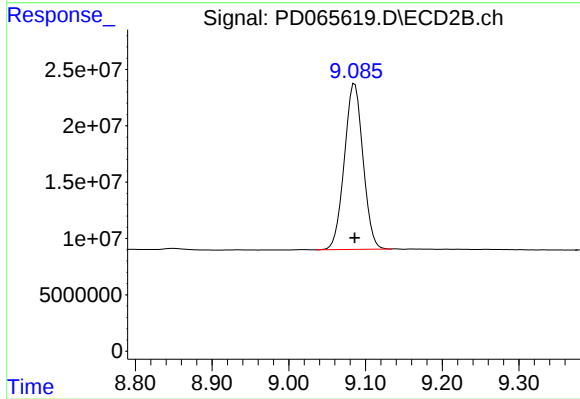
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.010 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.238 min  
Delta R.T.: -0.002 min  
Response: 71865631  
Conc: 41.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: 0.000 min  
Response: 249783702  
Conc: 46.81 ng/ml