

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092521\  
 Data File : PD065889.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Sep 2021 05:10  
 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: Sep 25 06:25:41 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092221.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 23 12:18:33 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... | 3.493  | 4.013  | 39271234 | 296.5E6 | 53.029   | 51.643     |
| 2)                          | SA Decachlor... | 8.235  | 9.085  | 58371783 | 183.4E6 | 42.733   | 47.394     |
| Target Compounds            |                 |        |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.933  | 4.407  | 60605791 | 432.0E6 | 53.964   | 51.377     |
| 3)                          | MA gamma-BHC... | 4.216  | 4.694  | 58598075 | 398.6E6 | 52.255   | 51.587     |
| 4)                          | MA Heptachlor   | 4.513  | 5.197  | 60744478 | 353.9E6 | 50.926   | 48.777     |
| 5)                          | MB Aldrin       | 4.761  | 5.503  | 59484602 | 338.7E6 | 53.174   | 50.338     |
| 6)                          | B beta-BHC      | 4.464  | 4.870  | 29081933 | 181.4E6 | 50.943   | 49.080     |
| 7)                          | B delta-BHC     | 4.668  | 5.087  | 61296136 | 382.5E6 | 54.221   | 53.142     |
| 8)                          | B Heptachlo...  | 5.203  | 5.892  | 59320696 | 292.5E6 | 52.977   | 56.602     |
| 9)                          | A Endosulfan I  | 5.541  | 6.250  | 57143137 | 283.9E6 | 52.544   | 51.370     |
| 10)                         | B gamma-Chl...  | 5.427  | 6.126  | 61654207 | 303.6E6 | 51.058   | 50.615     |
| 11)                         | B alpha-Chl...  | 5.486  | 6.198  | 61281429 | 297.8E6 | 51.768   | 49.623     |
| 12)                         | B 4,4'-DDE      | 5.649  | 6.356  | 57534778 | 289.9E6 | 52.856   | 50.267     |
| 13)                         | MA Dieldrin     | 5.784  | 6.508  | 61084913 | 299.7E6 | 52.704   | 50.860     |
| 14)                         | MA Endrin       | 6.042  | 6.727  | 50564108 | 224.7E6 | 47.785   | 45.587     |
| 15)                         | B Endosulfa...  | 6.314  | 6.941  | 55216391 | 246.4E6 | 51.112   | 50.877     |
| 16)                         | A 4,4'-DDD      | 6.164  | 6.851  | 52630901 | 249.6E6 | 53.653   | 50.790     |
| 17)                         | MA 4,4'-DDT     | 6.403  | 7.148  | 52942391 | 235.0E6 | 48.099   | 46.525     |
| 18)                         | B Endrin al...  | 6.483  | 7.065  | 45584893 | 196.7E6 | 51.435   | 50.234     |
| 19)                         | B Endosulfa...  | 6.694  | 7.288  | 59386406 | 244.7E6 | 52.031   | 49.618     |
| 20)                         | A Methoxychlor  | 6.950  | 7.608  | 32183493 | 123.1E6 | 47.096   | 46.763     |
| 21)                         | B Endrin ke...  | 7.188  | 7.761  | 72801986 | 281.8E6 | 51.682   | 49.413     |
| 22)                         | Mirex           | 7.372  | 8.210  | 55982015 | 184.0E6 | 46.367   | 46.608     |
| 23)                         | Chlordane-1     | 4.389f | 0.000  | 877754   | 0       | 26.204   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.503f | 0        | 338.7E6 | N.D.     | 1464.053 # |
| 25)                         | Chlordane-3     | 5.427  | 6.126  | 61654207 | 303.6E6 | 523.316  | 370.186 #  |
| 26)                         | Chlordane-4     | 5.486  | 6.198  | 61281429 | 297.8E6 | 620.481  | 310.519 #  |
| 27)                         | Chlordane-5     | 6.314  | 0.000  | 55216391 | 0       | 1136.135 | N.D. #     |
| -----                       |                 |        |        |          |         |          |            |

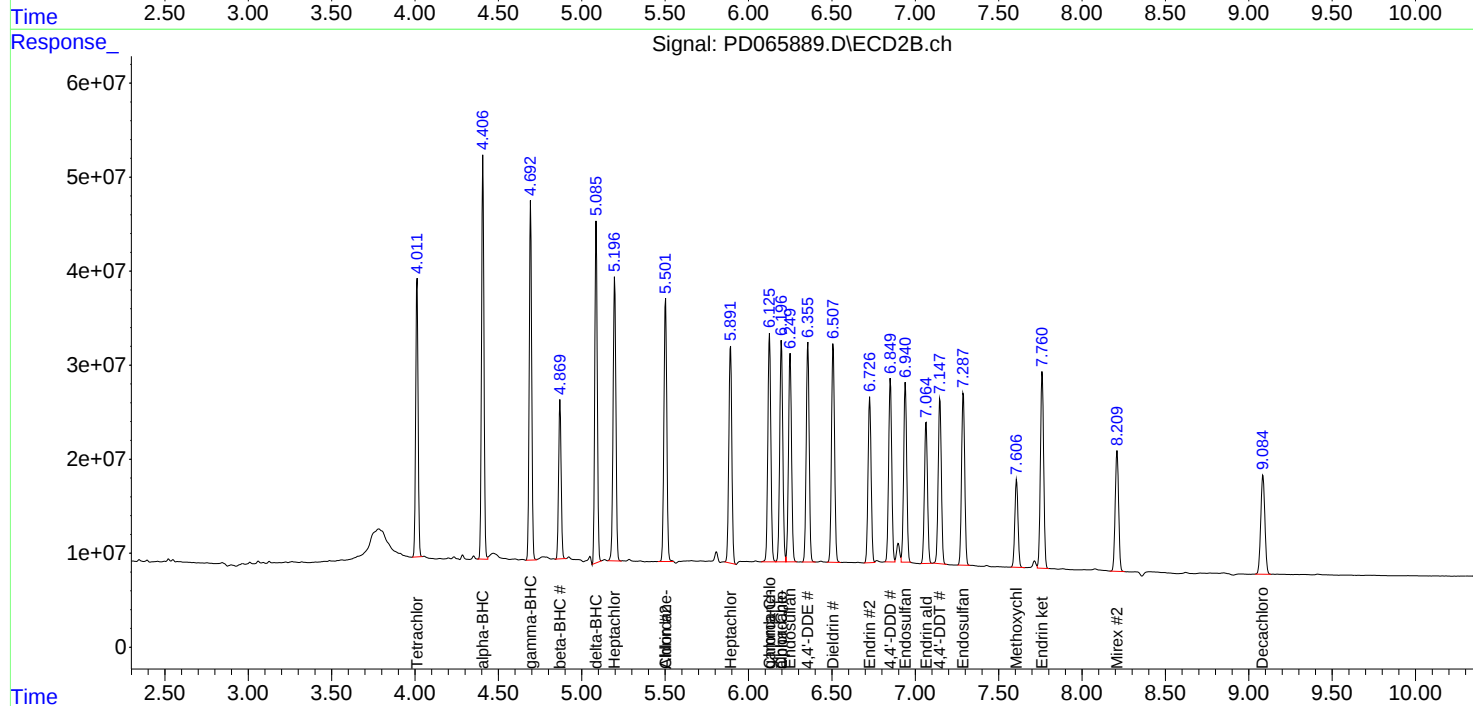
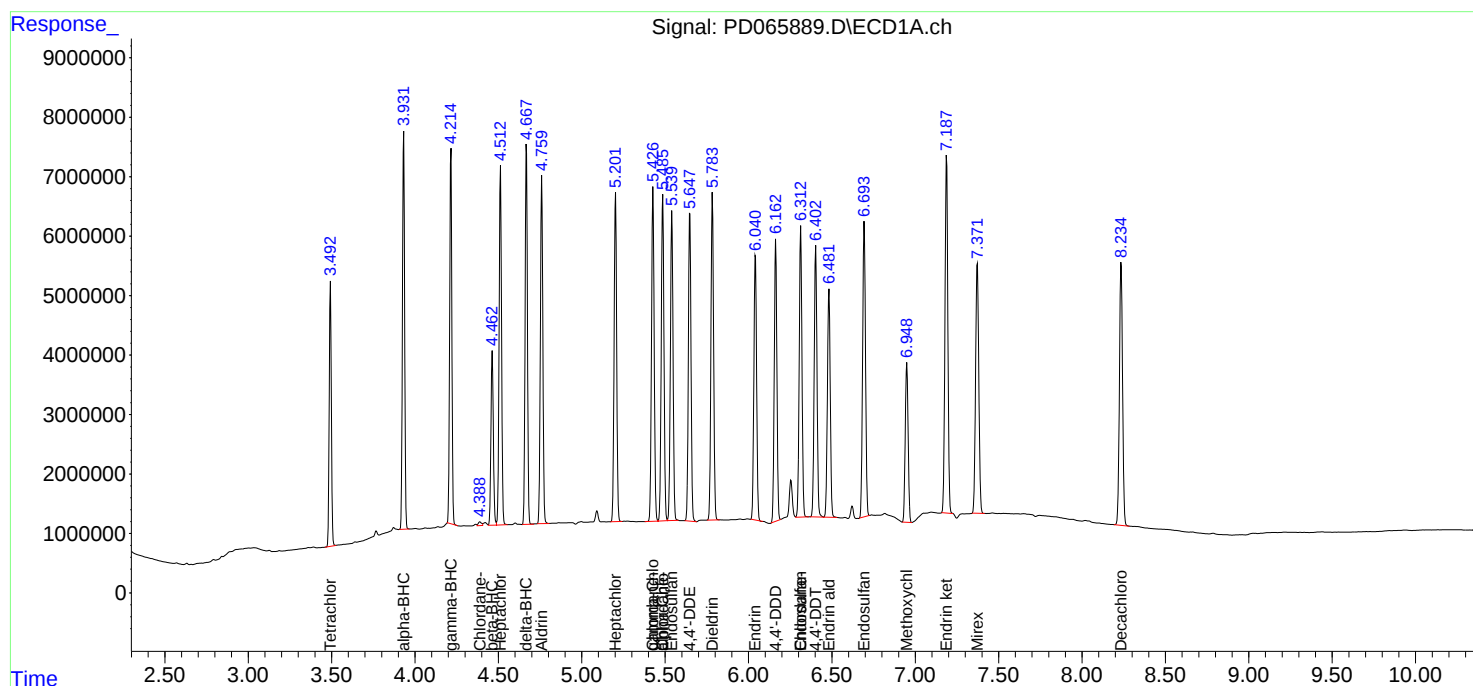
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

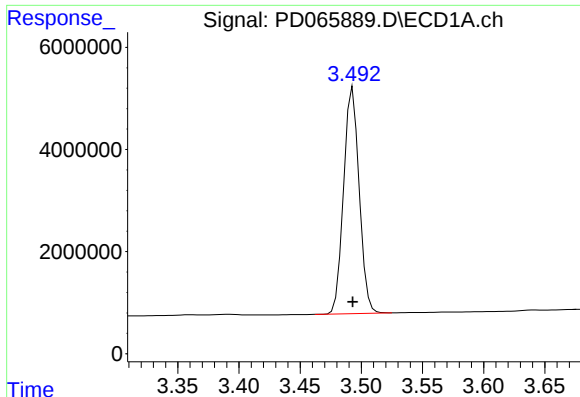
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092521\  
Data File : PD065889.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Sep 2021 05:10  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 06:25:41 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092221.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 23 12:18:33 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

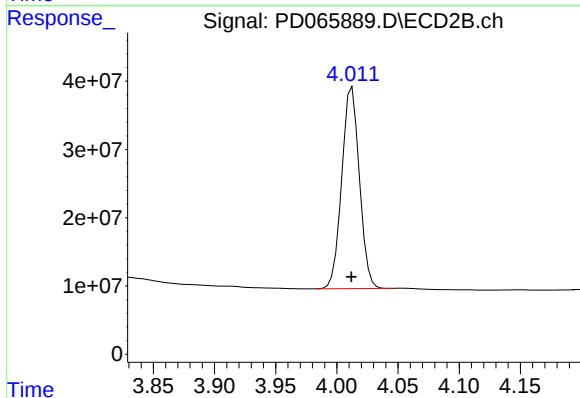




#1 Tetrachloro-m-xylene

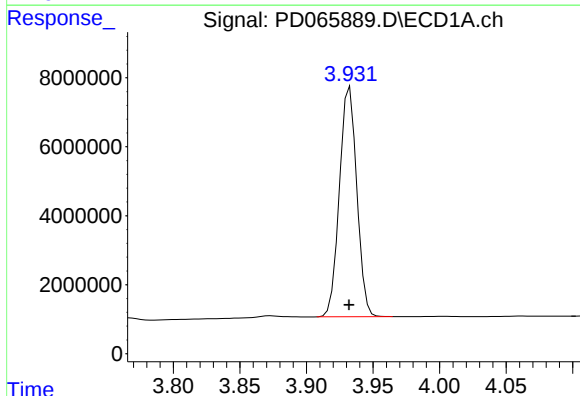
R.T.: 3.493 min  
Delta R.T.: 0.000 min  
Response: 39271234  
Conc: 53.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



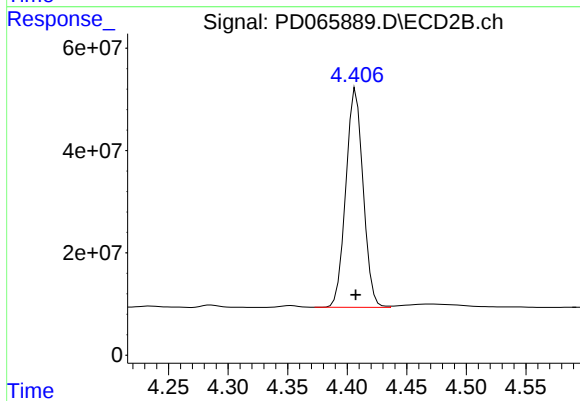
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 296541619  
Conc: 51.64 ng/ml



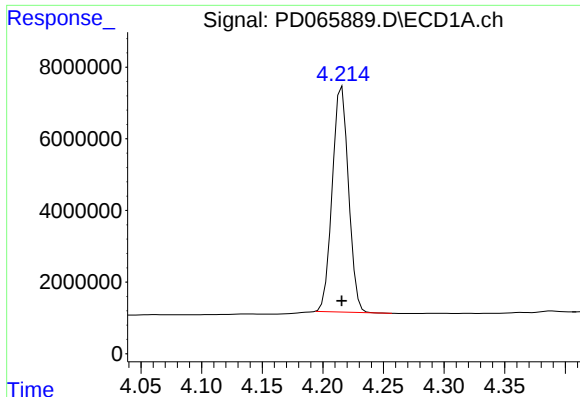
#2 alpha-BHC

R.T.: 3.933 min  
Delta R.T.: 0.000 min  
Response: 60605791  
Conc: 53.96 ng/ml



#2 alpha-BHC

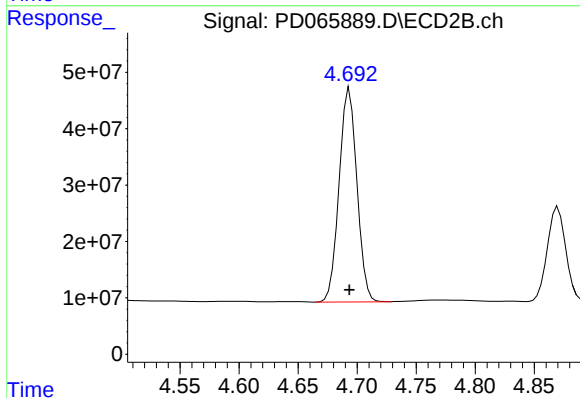
R.T.: 4.407 min  
Delta R.T.: 0.000 min  
Response: 431987814  
Conc: 51.38 ng/ml



#3 gamma-BHC (Lindane)

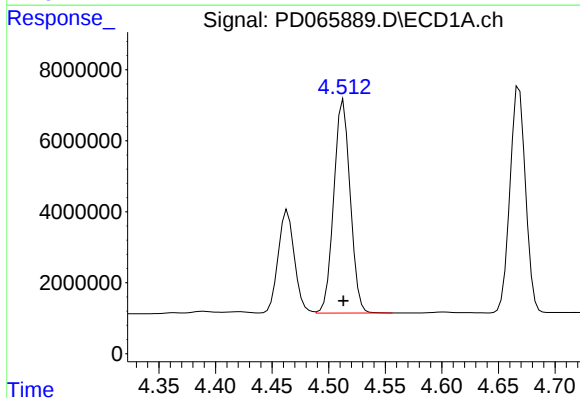
R.T.: 4.216 min  
Delta R.T.: 0.000 min  
Response: 58598075  
Conc: 52.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



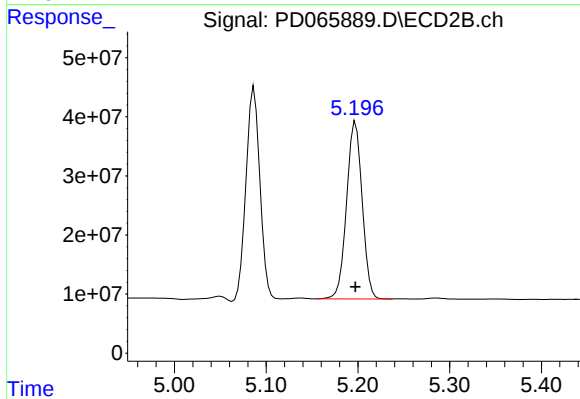
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: 0.000 min  
Response: 398554817  
Conc: 51.59 ng/ml



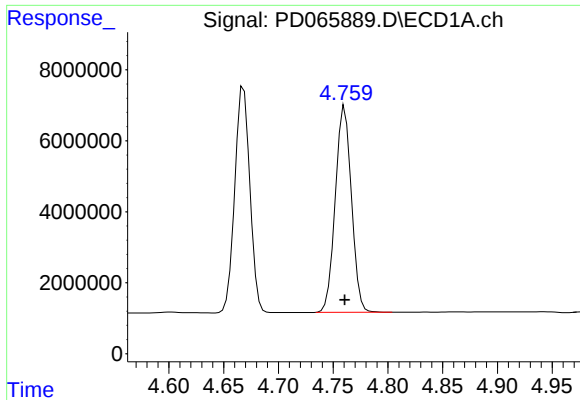
#4 Heptachlor

R.T.: 4.513 min  
Delta R.T.: 0.000 min  
Response: 60744478  
Conc: 50.93 ng/ml



#4 Heptachlor

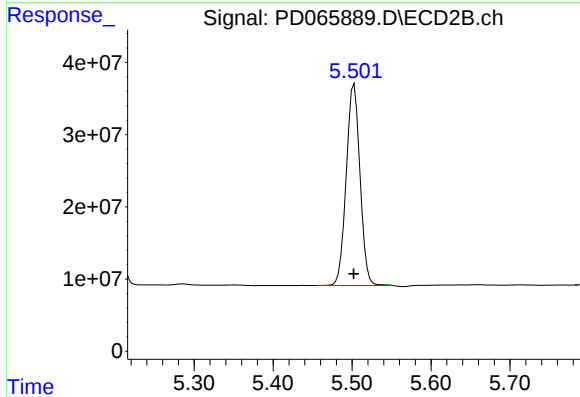
R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 353916893  
Conc: 48.78 ng/ml



#5 Aldrin

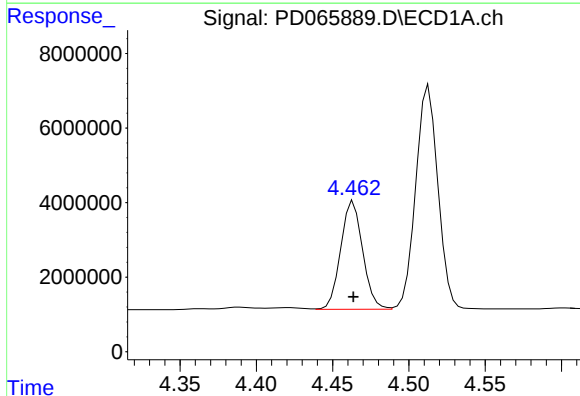
R.T.: 4.761 min  
Delta R.T.: 0.000 min  
Response: 59484602  
Conc: 53.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



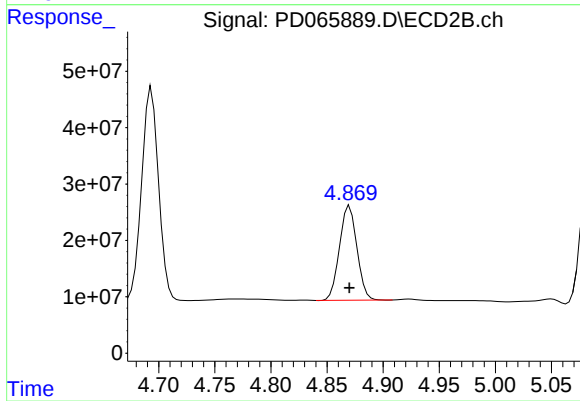
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: 0.000 min  
Response: 338653418  
Conc: 50.34 ng/ml



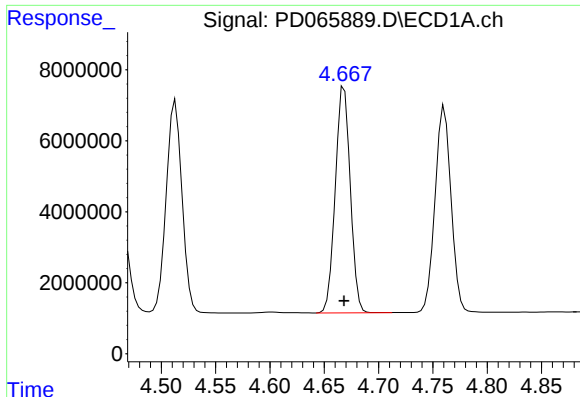
#6 beta-BHC

R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 29081933  
Conc: 50.94 ng/ml



#6 beta-BHC

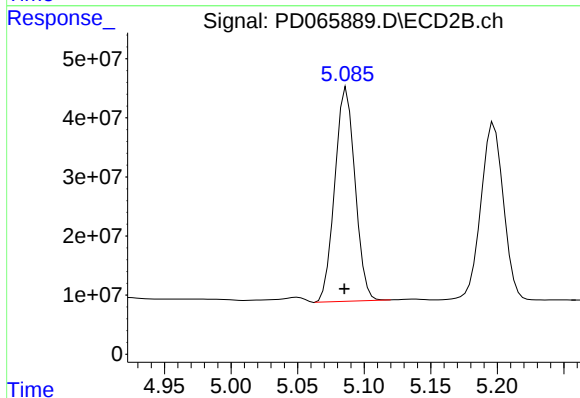
R.T.: 4.870 min  
Delta R.T.: 0.000 min  
Response: 181391287  
Conc: 49.08 ng/ml



#7 delta-BHC

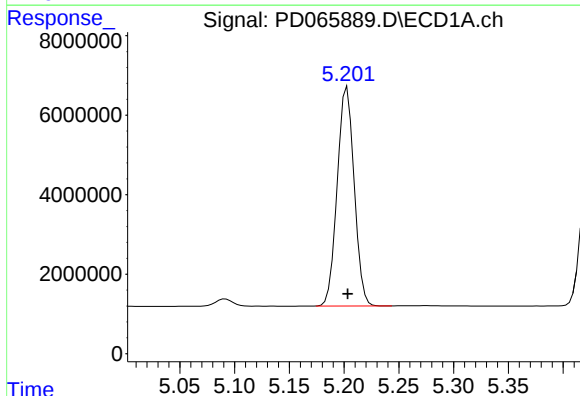
R.T.: 4.668 min  
Delta R.T.: 0.000 min  
Response: 61296136  
Conc: 54.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



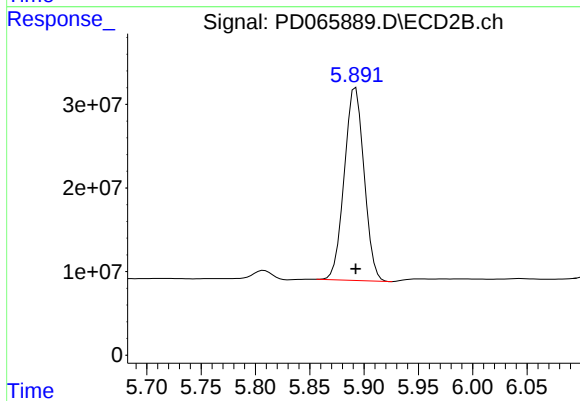
#7 delta-BHC

R.T.: 5.087 min  
Delta R.T.: 0.002 min  
Response: 382450240  
Conc: 53.14 ng/ml



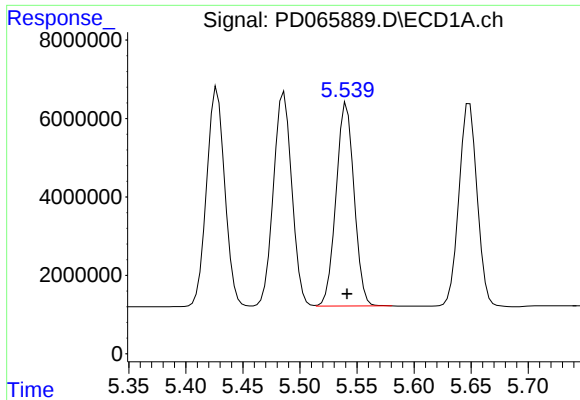
#8 Heptachlor epoxide

R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 59320696  
Conc: 52.98 ng/ml



#8 Heptachlor epoxide

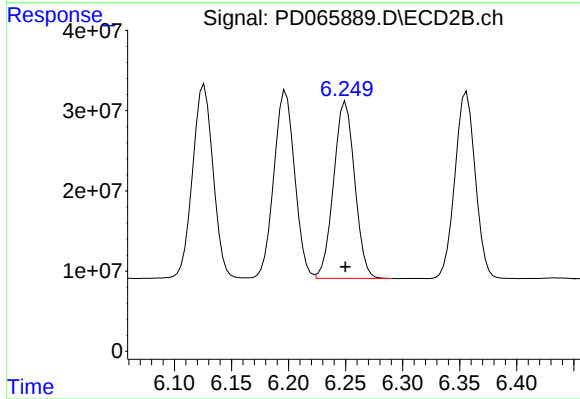
R.T.: 5.892 min  
Delta R.T.: 0.000 min  
Response: 292509476  
Conc: 56.60 ng/ml



#9 Endosulfan I

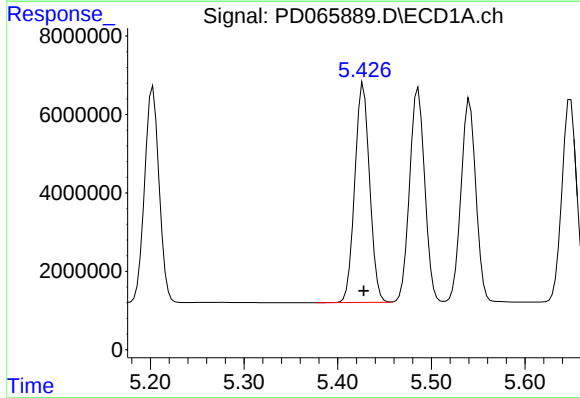
R.T.: 5.541 min  
Delta R.T.: 0.000 min  
Response: 57143137  
Conc: 52.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



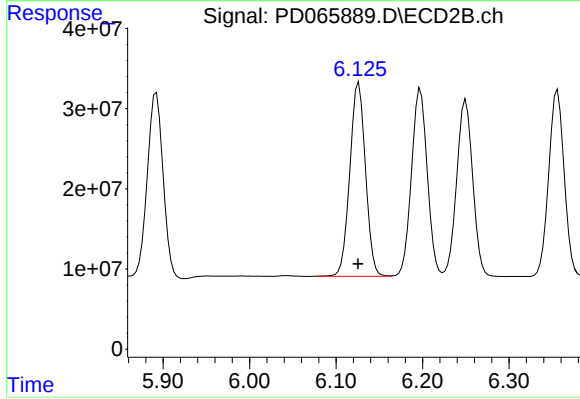
#9 Endosulfan I

R.T.: 6.250 min  
Delta R.T.: 0.000 min  
Response: 283923006  
Conc: 51.37 ng/ml



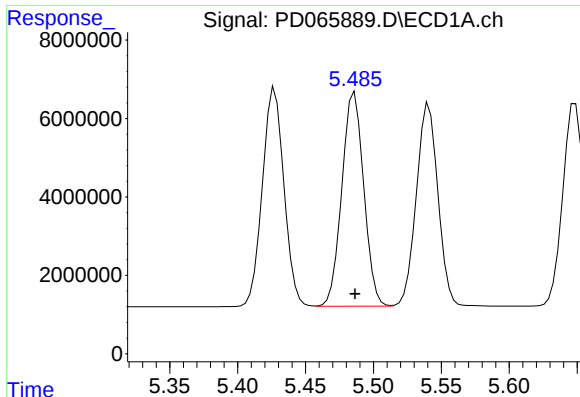
#10 gamma-Chlordane

R.T.: 5.427 min  
Delta R.T.: 0.000 min  
Response: 61654207  
Conc: 51.06 ng/ml



#10 gamma-Chlordane

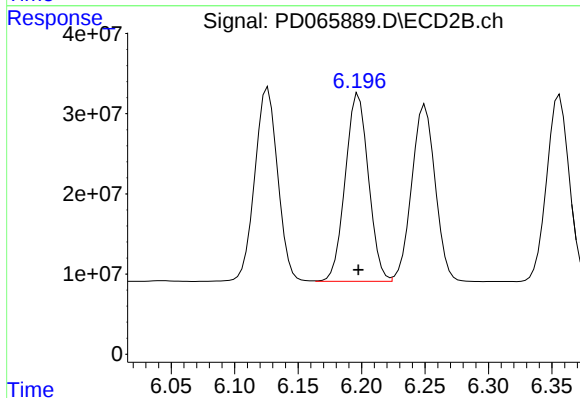
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 303573438  
Conc: 50.61 ng/ml



#11 alpha-Chlordane

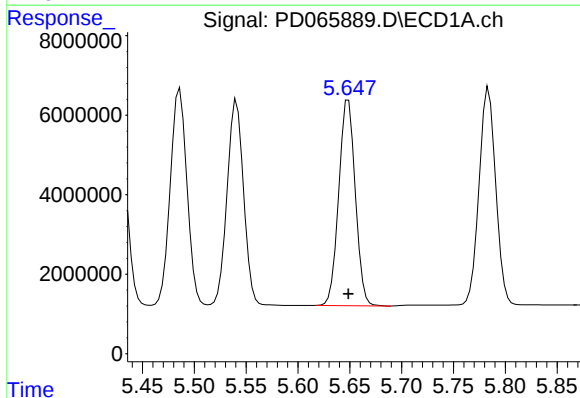
R.T.: 5.486 min  
Delta R.T.: 0.000 min  
Response: 61281429  
Conc: 51.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



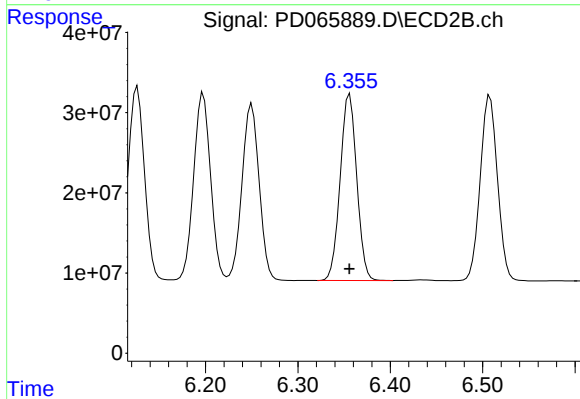
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 297837977  
Conc: 49.62 ng/ml



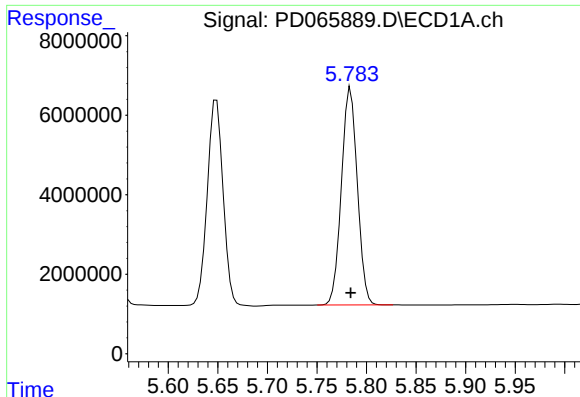
#12 4,4'-DDE

R.T.: 5.649 min  
Delta R.T.: 0.000 min  
Response: 57534778  
Conc: 52.86 ng/ml



#12 4,4'-DDE

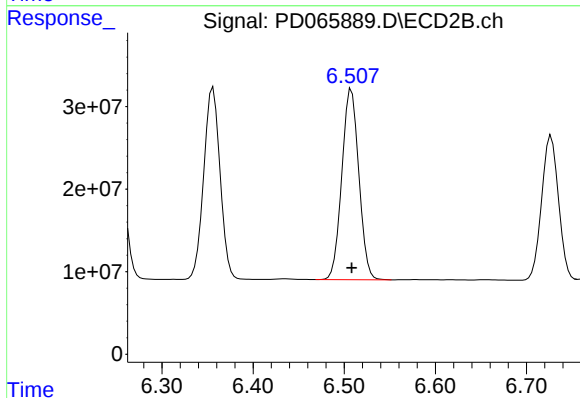
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 289913590  
Conc: 50.27 ng/ml



#13 Dieldrin

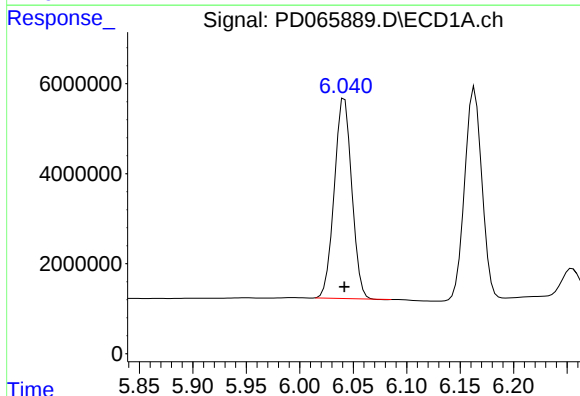
R.T.: 5.784 min  
Delta R.T.: 0.000 min  
Response: 61084913  
Conc: 52.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



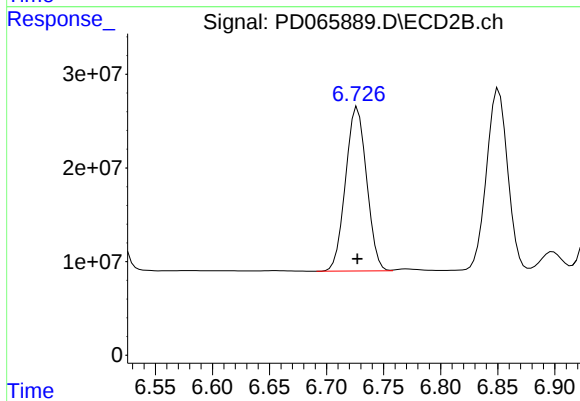
#13 Dieldrin

R.T.: 6.508 min  
Delta R.T.: 0.000 min  
Response: 299725511  
Conc: 50.86 ng/ml



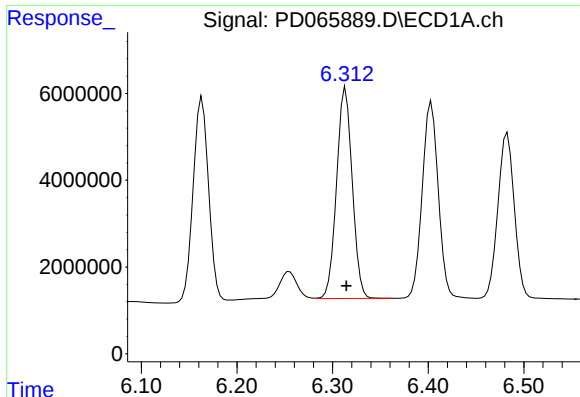
#14 Endrin

R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 50564108  
Conc: 47.79 ng/ml



#14 Endrin

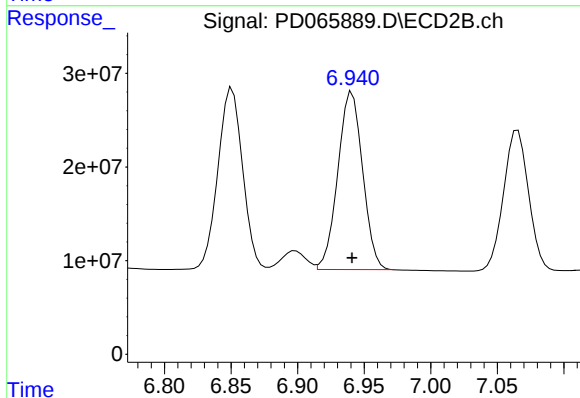
R.T.: 6.727 min  
Delta R.T.: 0.000 min  
Response: 224746650  
Conc: 45.59 ng/ml



#15 Endosulfan II

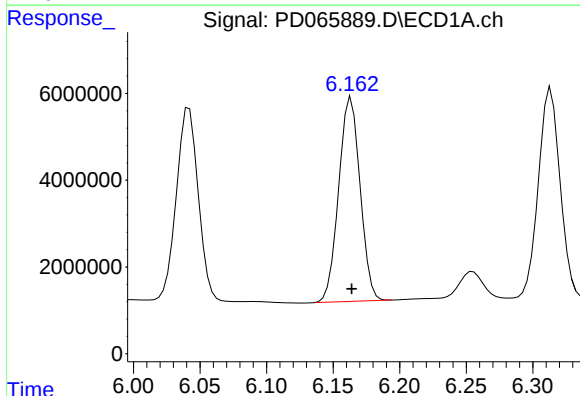
R.T.: 6.314 min  
Delta R.T.: 0.000 min  
Response: 55216391  
Conc: 51.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



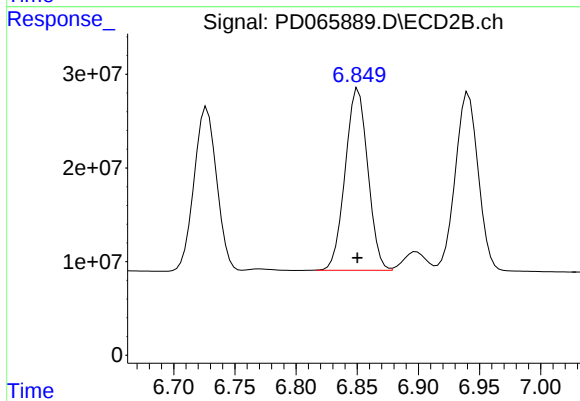
#15 Endosulfan II

R.T.: 6.941 min  
Delta R.T.: 0.000 min  
Response: 246443826  
Conc: 50.88 ng/ml



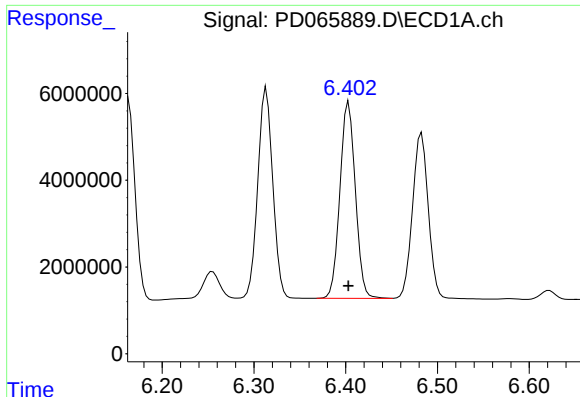
#16 4,4'-DDD

R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 52630901  
Conc: 53.65 ng/ml



#16 4,4'-DDD

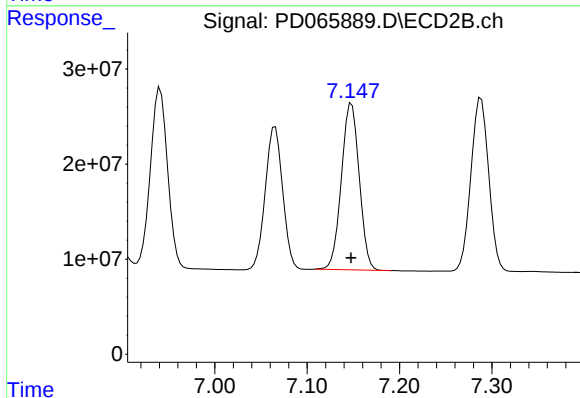
R.T.: 6.851 min  
Delta R.T.: 0.000 min  
Response: 249612291  
Conc: 50.79 ng/ml



#17 4,4'-DDT

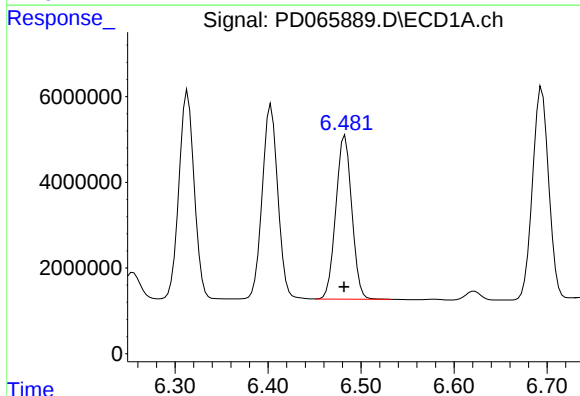
R.T.: 6.403 min  
Delta R.T.: 0.000 min  
Response: 52942391  
Conc: 48.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



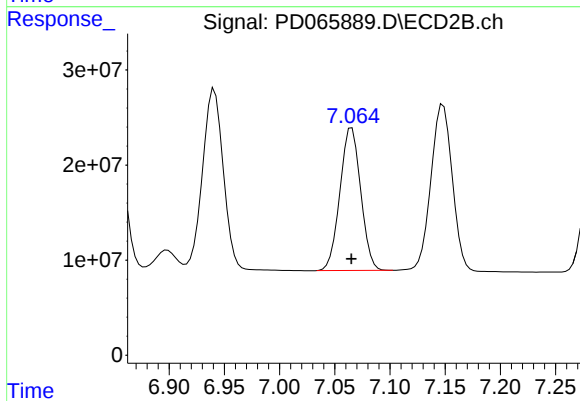
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 235014766  
Conc: 46.52 ng/ml



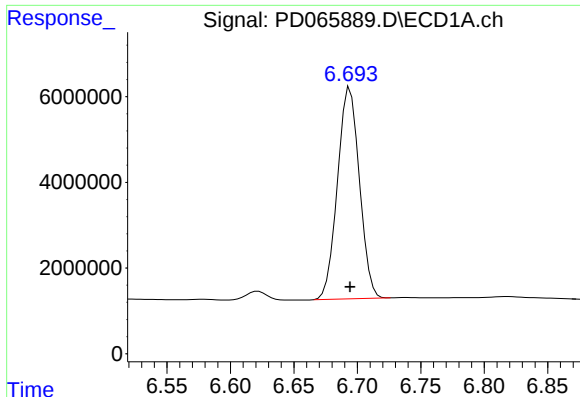
#18 Endrin aldehyde

R.T.: 6.483 min  
Delta R.T.: 0.001 min  
Response: 45584893  
Conc: 51.43 ng/ml



#18 Endrin aldehyde

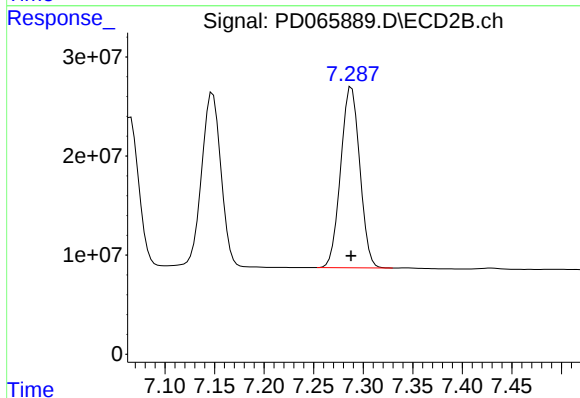
R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 196663385  
Conc: 50.23 ng/ml



#19 Endosulfan Sulfate

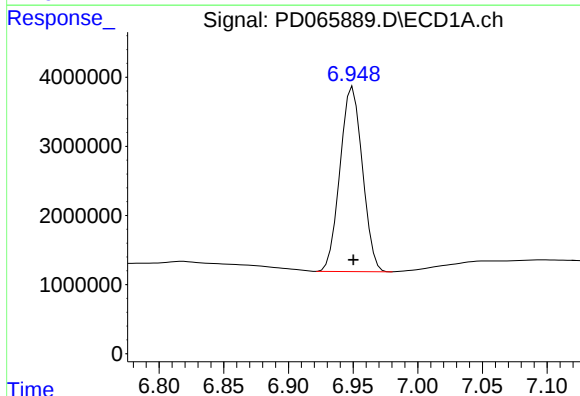
R.T.: 6.694 min  
Delta R.T.: 0.000 min  
Response: 59386406  
Conc: 52.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



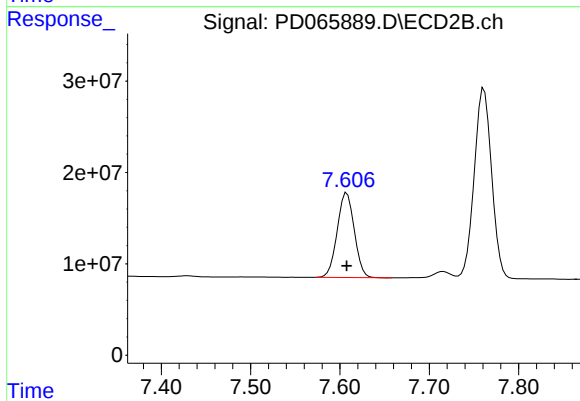
#19 Endosulfan Sulfate

R.T.: 7.288 min  
Delta R.T.: 0.000 min  
Response: 244732513  
Conc: 49.62 ng/ml



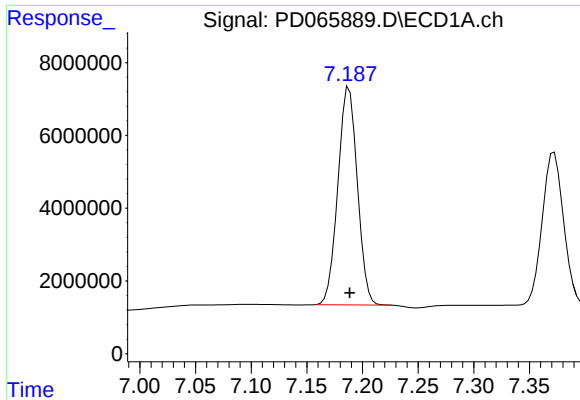
#20 Methoxychlor

R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 32183493  
Conc: 47.10 ng/ml



#20 Methoxychlor

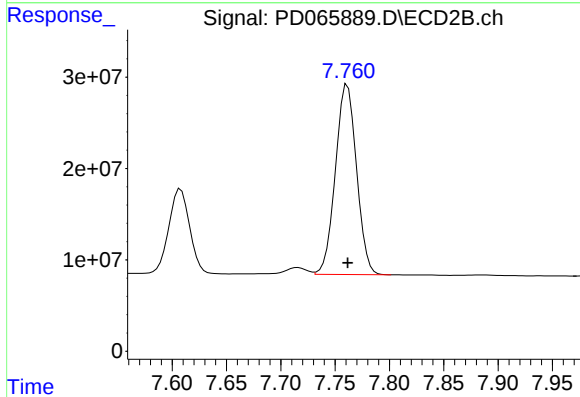
R.T.: 7.608 min  
Delta R.T.: 0.000 min  
Response: 123061489  
Conc: 46.76 ng/ml



#21 Endrin ketone

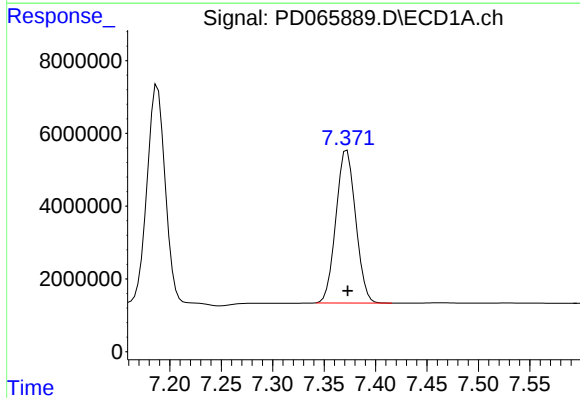
R.T.: 7.188 min  
Delta R.T.: 0.000 min  
Response: 72801986  
Conc: 51.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



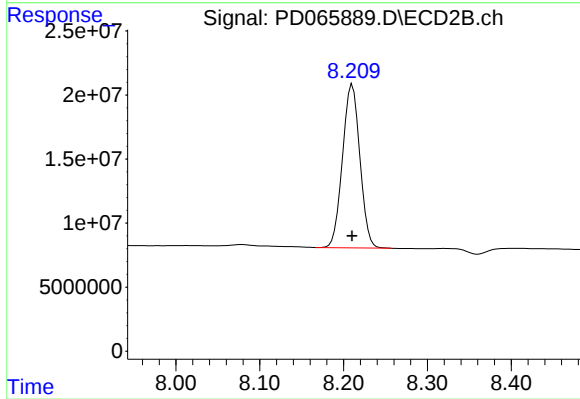
#21 Endrin ketone

R.T.: 7.761 min  
Delta R.T.: 0.000 min  
Response: 281797060  
Conc: 49.41 ng/ml



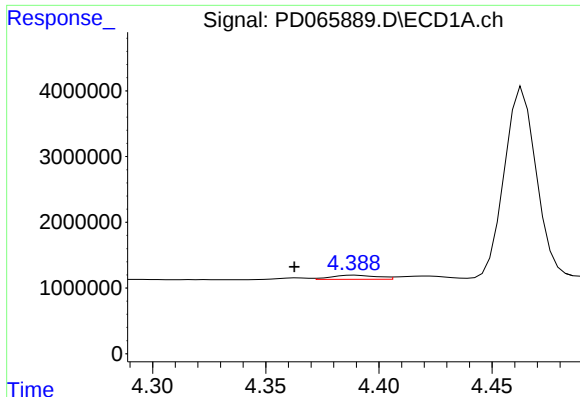
#22 Mirex

R.T.: 7.372 min  
Delta R.T.: 0.000 min  
Response: 55982015  
Conc: 46.37 ng/ml



#22 Mirex

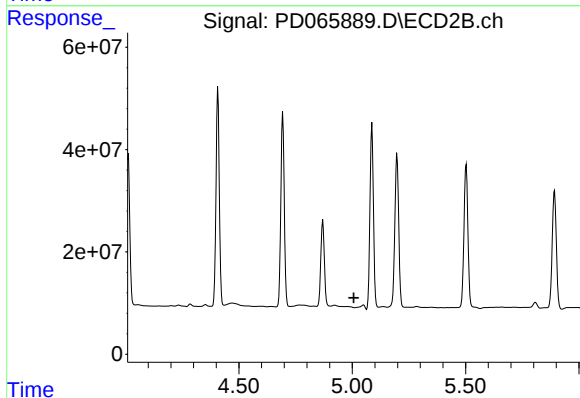
R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 184038127  
Conc: 46.61 ng/ml



#23 Chlordane-1

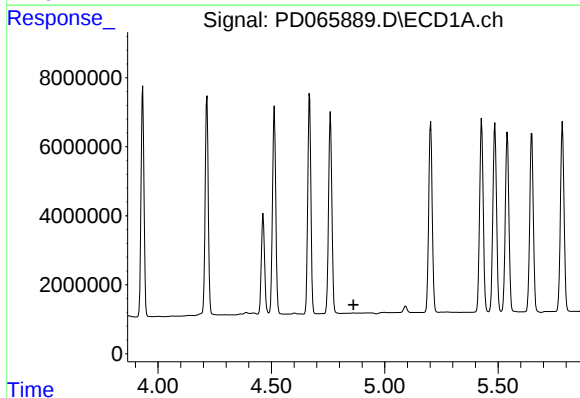
R.T.: 4.389 min  
Delta R.T.: 0.026 min  
Response: 877754  
Conc: 26.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



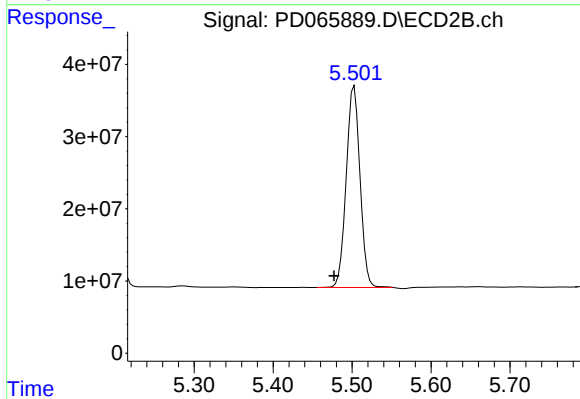
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.007 min  
Response: 0  
Conc: N.D.



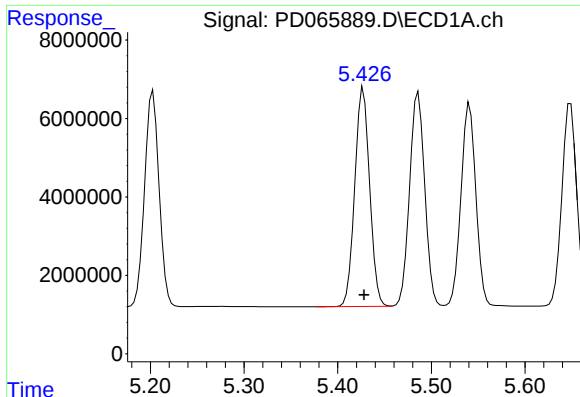
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.862 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

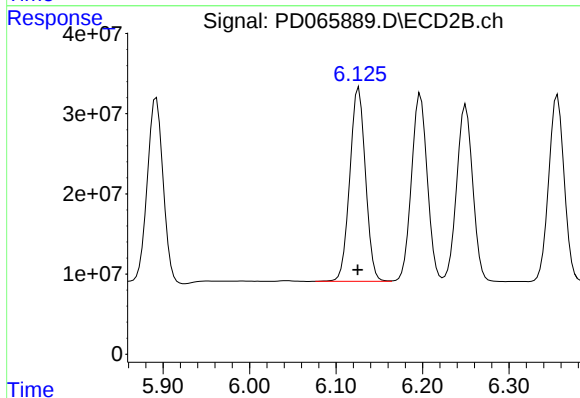
R.T.: 5.503 min  
Delta R.T.: 0.025 min  
Response: 338653418  
Conc: 1464.05 ng/ml



#25 Chlordane-3

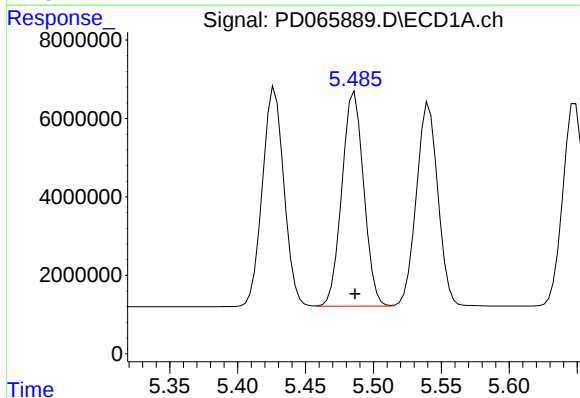
R.T.: 5.427 min  
Delta R.T.: 0.000 min  
Response: 61654207  
Conc: 523.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



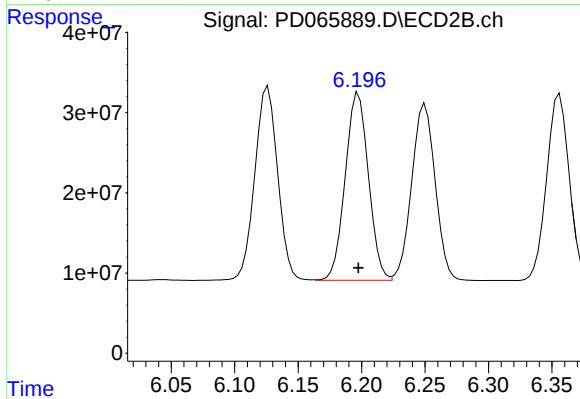
#25 Chlordane-3

R.T.: 6.126 min  
Delta R.T.: 0.001 min  
Response: 303573438  
Conc: 370.19 ng/ml



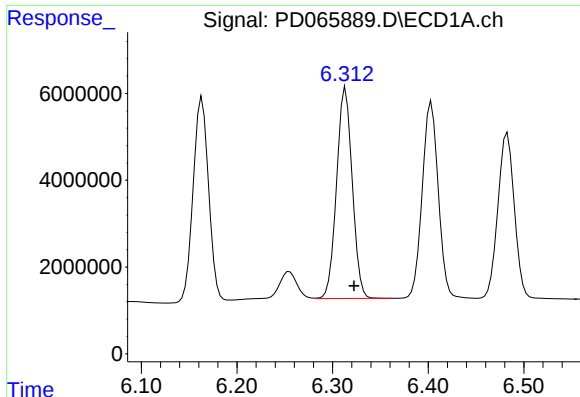
#26 Chlordane-4

R.T.: 5.486 min  
Delta R.T.: 0.000 min  
Response: 61281429  
Conc: 620.48 ng/ml



#26 Chlordane-4

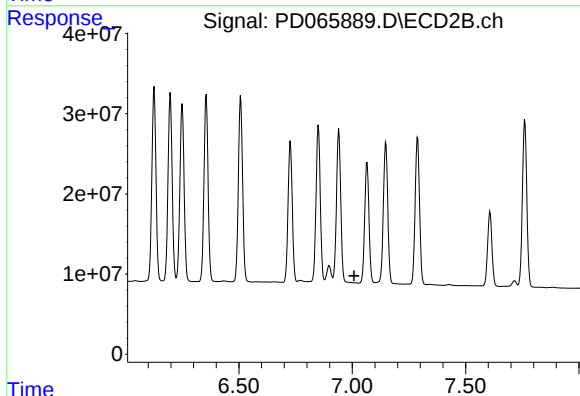
R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 297837977  
Conc: 310.52 ng/ml



#27 Chlordane-5

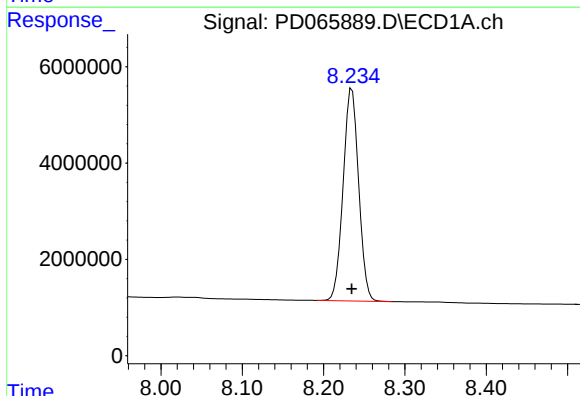
R.T.: 6.314 min  
Delta R.T.: -0.009 min  
Response: 55216391  
Conc: 1136.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



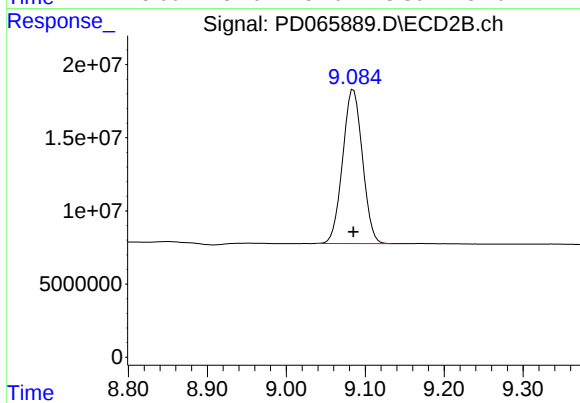
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.008 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.235 min  
Delta R.T.: 0.000 min  
Response: 58371783  
Conc: 42.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: 0.000 min  
Response: 183422598  
Conc: 47.39 ng/ml