

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082121\  
 Data File : PD065206.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Aug 2021 21:03  
 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: Aug 23 01:57:35 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 20 02:25:41 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... | 3.495  | 4.013  | 54090269 | 409.6E6 | 52.622   | 51.713     |
| 28)                         | SA Decachlor... | 8.239  | 9.083  | 65544025 | 258.5E6 | 57.848   | 54.615     |
| Target Compounds            |                 |        |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.935  | 4.408  | 77126430 | 595.5E6 | 53.890   | 51.260     |
| 3)                          | MA gamma-BHC... | 4.218  | 4.694  | 71946896 | 541.9E6 | 52.441   | 51.150     |
| 4)                          | MA Heptachlor   | 4.517  | 5.198  | 67805225 | 499.6E6 | 52.059   | 49.832     |
| 5)                          | MB Aldrin       | 4.764  | 5.503  | 64808773 | 456.8E6 | 54.043   | 50.569     |
| 6)                          | B beta-BHC      | 4.466  | 4.870  | 34984694 | 241.8E6 | 55.271   | 54.038     |
| 7)                          | B delta-BHC     | 4.671  | 5.086  | 71479612 | 515.5E6 | 54.066   | 53.085     |
| 8)                          | B Heptachlo...  | 5.207  | 5.893  | 60971472 | 500.3E6 | 53.654   | 67.055     |
| 9)                          | A Endosulfan I  | 5.545  | 6.250  | 57423979 | 364.9E6 | 53.833   | 51.818     |
| 10)                         | B gamma-Chl...  | 5.431  | 6.126  | 61026730 | 389.5E6 | 53.974   | 50.940     |
| 11)                         | B alpha-Chl...  | 5.490  | 6.198  | 59445286 | 384.0E6 | 53.092   | 51.583     |
| 12)                         | B 4,4'-DDE      | 5.652  | 6.356  | 60674728 | 366.0E6 | 57.570   | 50.971     |
| 13)                         | MA Dieldrin     | 5.788  | 6.508  | 61246292 | 381.5E6 | 54.574   | 52.576     |
| 14)                         | MA Endrin       | 6.046  | 6.726  | 58124117 | 214.4E6 | 55.388   | 34.831 #   |
| 15)                         | B Endosulfa...  | 6.317  | 6.941  | 55146578 | 310.4E6 | 55.154   | 52.939     |
| 16)                         | A 4,4'-DDD      | 6.168  | 6.850  | 52895251 | 318.3E6 | 55.927   | 54.137     |
| 17)                         | MA 4,4'-DDT     | 6.407  | 7.148  | 53530817 | 318.6E6 | 53.827   | 53.134     |
| 18)                         | B Endrin al...  | 6.486  | 7.065  | 44329070 | 248.5E6 | 53.570   | 53.274     |
| 19)                         | B Endosulfa...  | 6.698  | 7.287  | 57892869 | 308.9E6 | 54.518   | 53.871     |
| 20)                         | A Methoxychlor  | 6.954  | 7.607  | 32392986 | 176.8E6 | 54.957   | 58.410     |
| 21)                         | B Endrin ke...  | 7.192  | 7.761  | 70616883 | 357.4E6 | 55.391   | 55.000     |
| 22)                         | Mirex           | 7.377  | 8.210  | 56849082 | 244.9E6 | 55.750   | 55.010     |
| 23)                         | Chlordane-1     | 4.392f | 0.000  | 2272562  | 0       | 60.006   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.503f | 0        | 456.8E6 | N.D.     | 1460.208 # |
| 25)                         | Chlordane-3     | 5.431  | 6.126  | 61026730 | 389.5E6 | 552.924  | 376.741 #  |
| 26)                         | Chlordane-4     | 5.490  | 6.198  | 59445286 | 384.0E6 | 647.526  | 319.396 #  |
| 27)                         | Chlordane-5     | 6.317  | 0.000  | 55146578 | 0       | 1225.785 | N.D. #     |
| -----                       |                 |        |        |          |         |          |            |

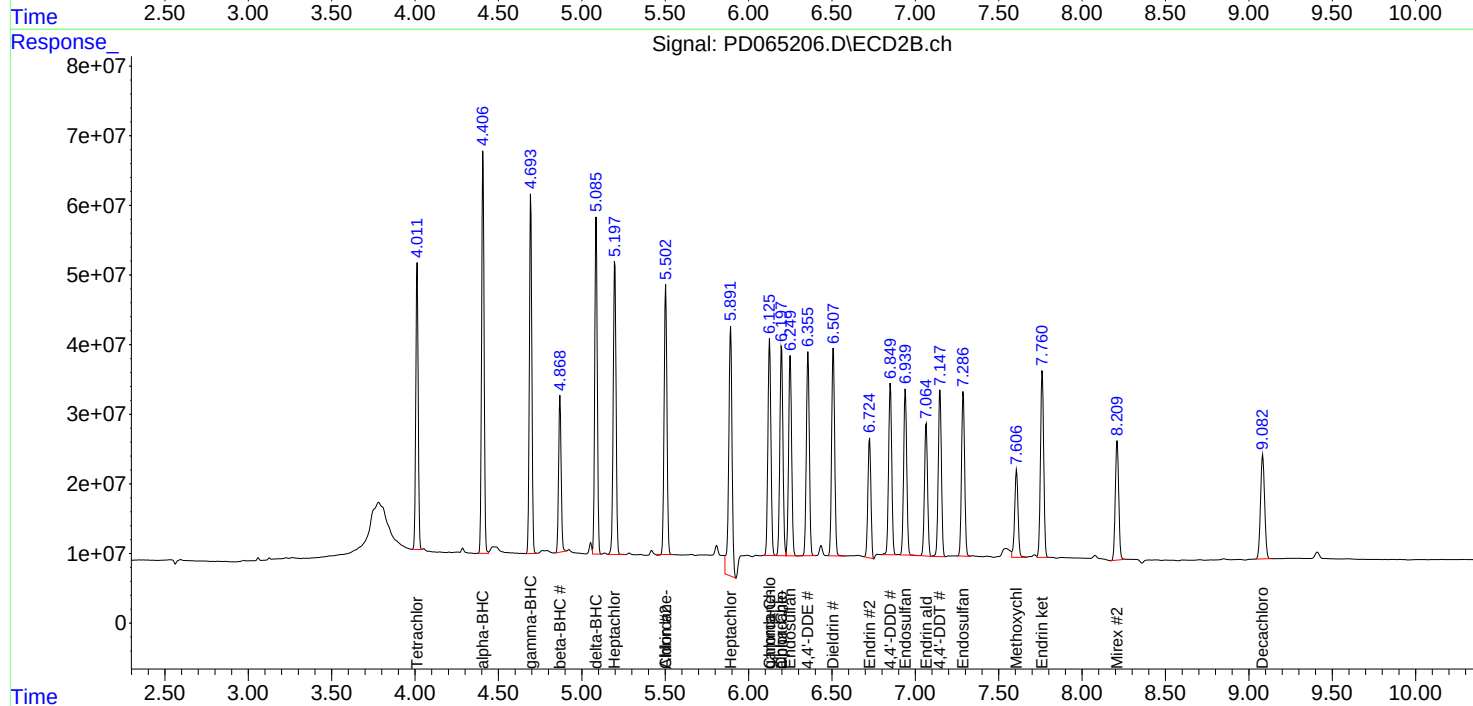
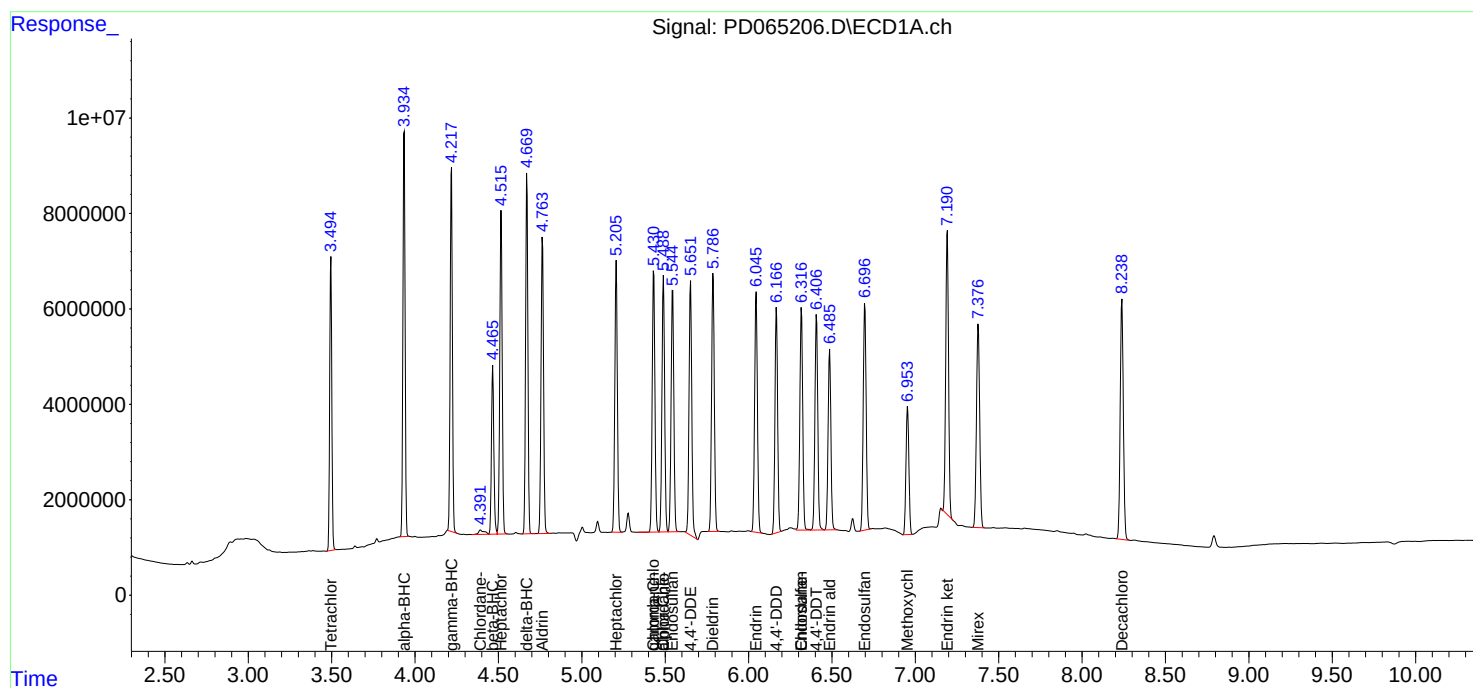
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

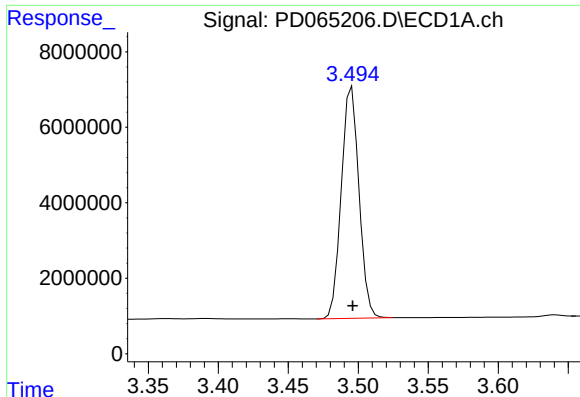
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082121\  
Data File : PD065206.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Aug 2021 21:03  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 23 01:57:35 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD082021.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 20 02:25:41 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

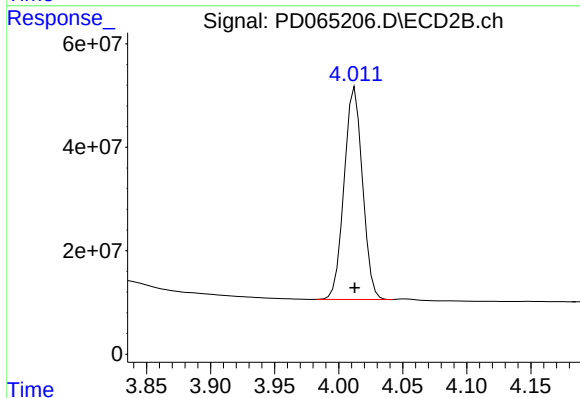




#1 Tetrachloro-m-xylene

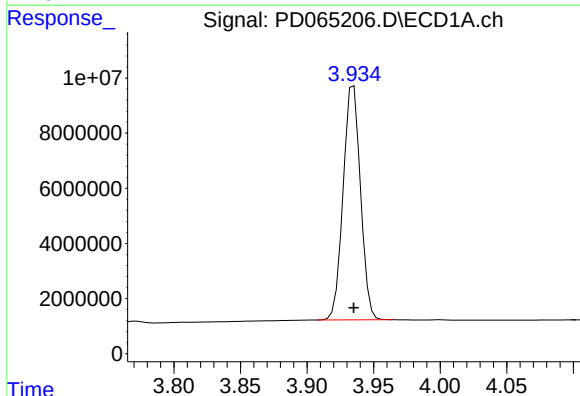
R.T.: 3.495 min  
Delta R.T.: 0.000 min  
Response: 54090269  
Conc: 52.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



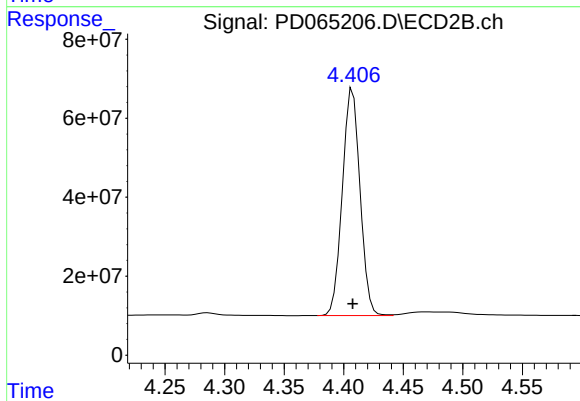
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 409601096  
Conc: 51.71 ng/ml



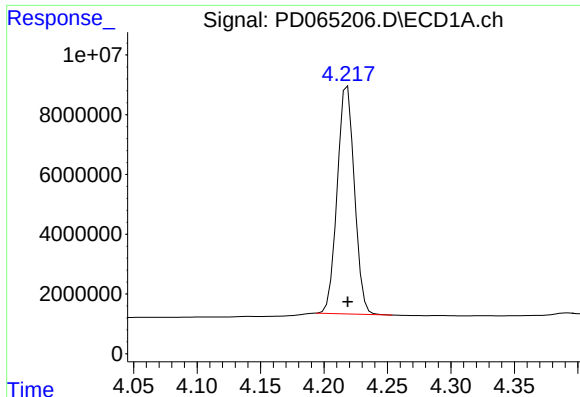
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 77126430  
Conc: 53.89 ng/ml



#2 alpha-BHC

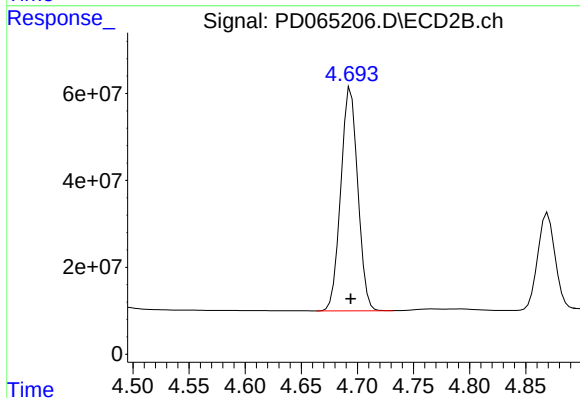
R.T.: 4.408 min  
Delta R.T.: 0.000 min  
Response: 595491907  
Conc: 51.26 ng/ml



#3 gamma-BHC (Lindane)

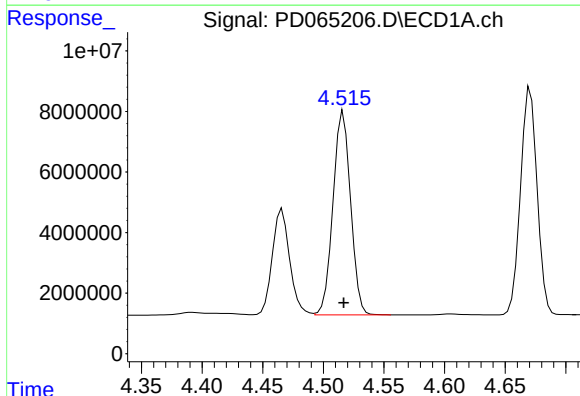
R.T.: 4.218 min  
Delta R.T.: 0.000 min  
Response: 71946896  
Conc: 52.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



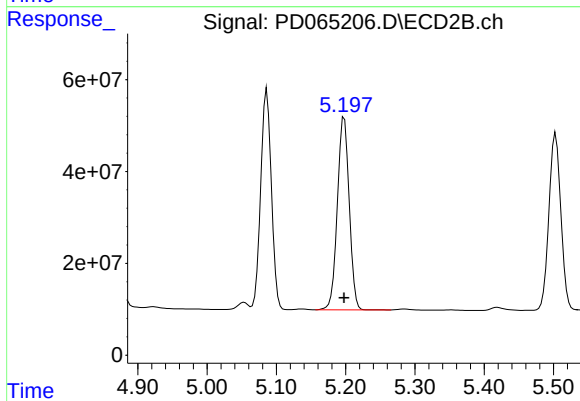
#3 gamma-BHC (Lindane)

R.T.: 4.694 min  
Delta R.T.: 0.000 min  
Response: 541852401  
Conc: 51.15 ng/ml



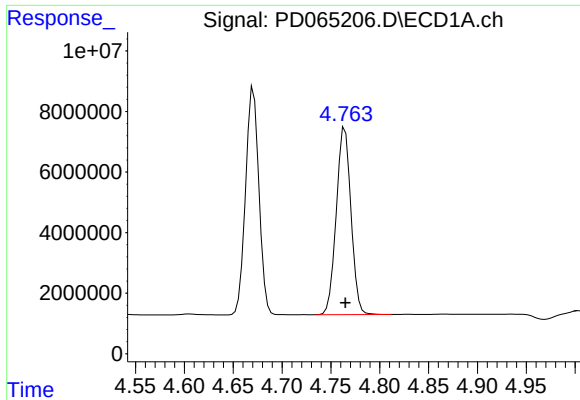
#4 Heptachlor

R.T.: 4.517 min  
Delta R.T.: 0.000 min  
Response: 67805225  
Conc: 52.06 ng/ml



#4 Heptachlor

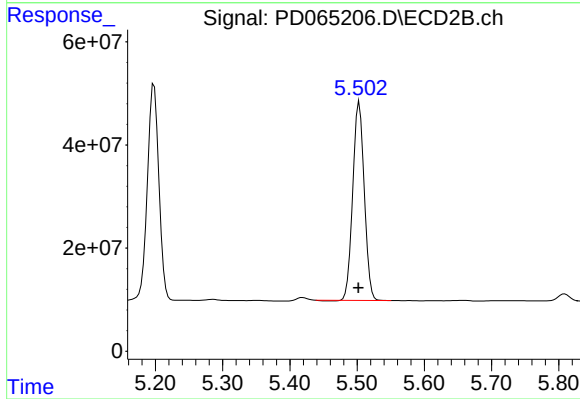
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 499619966  
Conc: 49.83 ng/ml



#5 Aldrin

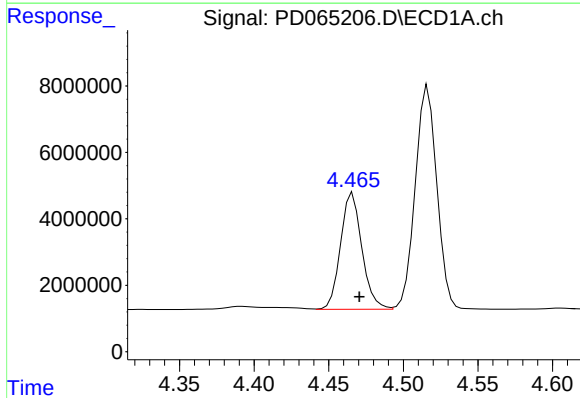
R.T.: 4.764 min  
Delta R.T.: 0.000 min  
Response: 64808773  
Conc: 54.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



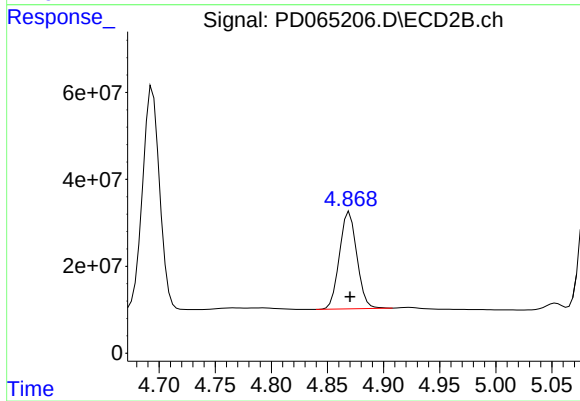
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: 0.001 min  
Response: 456788585  
Conc: 50.57 ng/ml



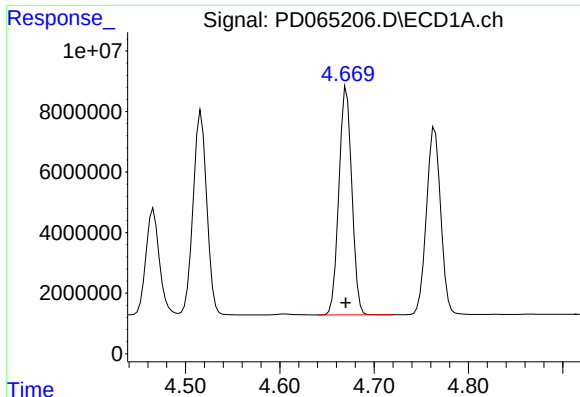
#6 beta-BHC

R.T.: 4.466 min  
Delta R.T.: -0.004 min  
Response: 34984694  
Conc: 55.27 ng/ml



#6 beta-BHC

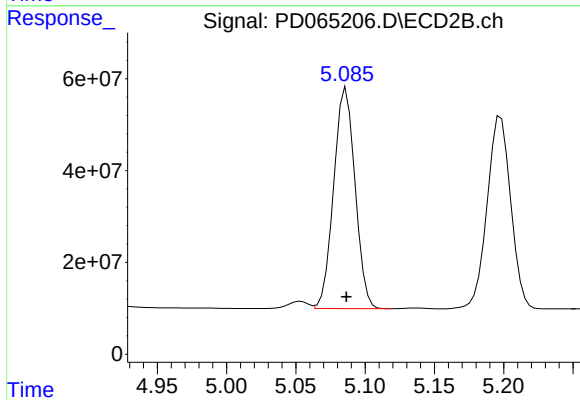
R.T.: 4.870 min  
Delta R.T.: 0.000 min  
Response: 241806209  
Conc: 54.04 ng/ml



#7 delta-BHC

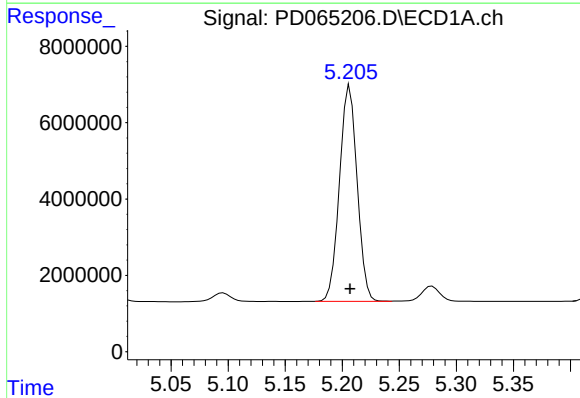
R.T.: 4.671 min  
Delta R.T.: 0.000 min  
Response: 71479612  
Conc: 54.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



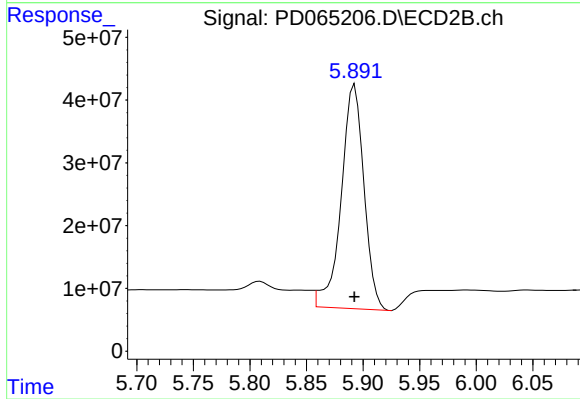
#7 delta-BHC

R.T.: 5.086 min  
Delta R.T.: 0.000 min  
Response: 515540208  
Conc: 53.09 ng/ml



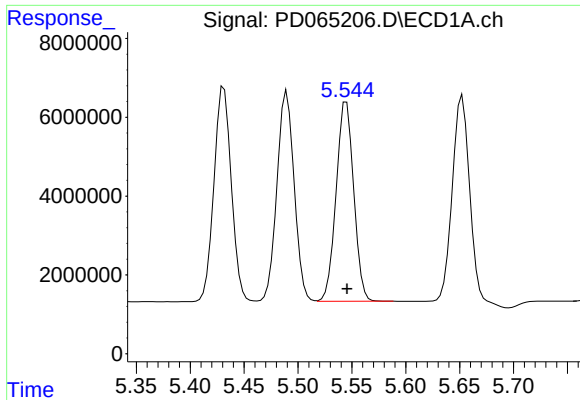
#8 Heptachlor epoxide

R.T.: 5.207 min  
Delta R.T.: 0.000 min  
Response: 60971472  
Conc: 53.65 ng/ml



#8 Heptachlor epoxide

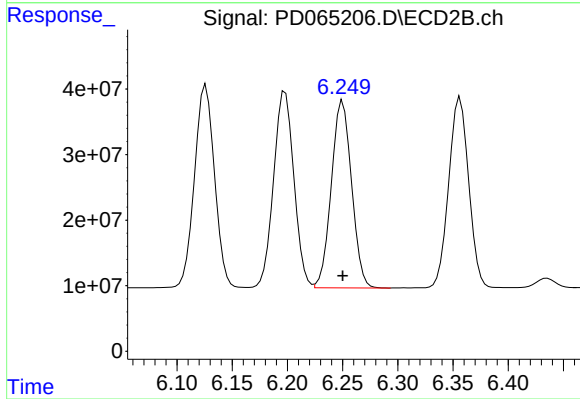
R.T.: 5.893 min  
Delta R.T.: 0.000 min  
Response: 500262831  
Conc: 67.06 ng/ml



#9 Endosulfan I

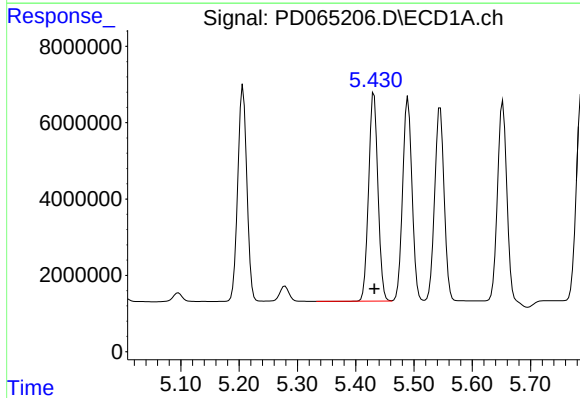
R.T.: 5.545 min  
Delta R.T.: 0.000 min  
Response: 57423979  
Conc: 53.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



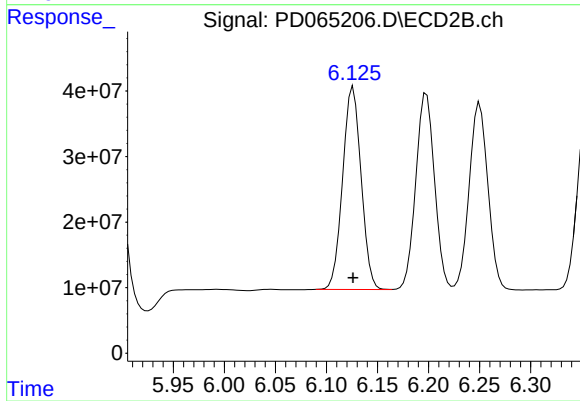
#9 Endosulfan I

R.T.: 6.250 min  
Delta R.T.: 0.000 min  
Response: 364929847  
Conc: 51.82 ng/ml



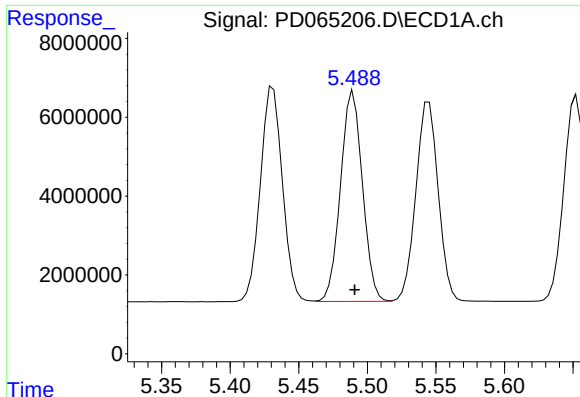
#10 gamma-Chlordane

R.T.: 5.431 min  
Delta R.T.: 0.000 min  
Response: 61026730  
Conc: 53.97 ng/ml



#10 gamma-Chlordane

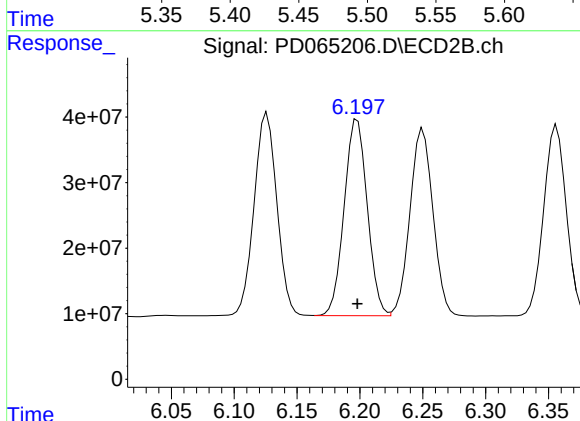
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 389495424  
Conc: 50.94 ng/ml



#11 alpha-Chlordane

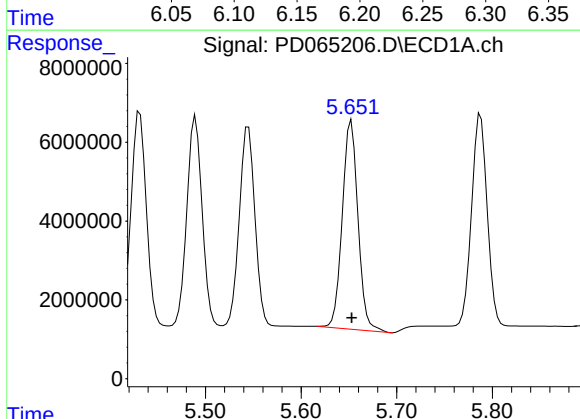
R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 59445286  
Conc: 53.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



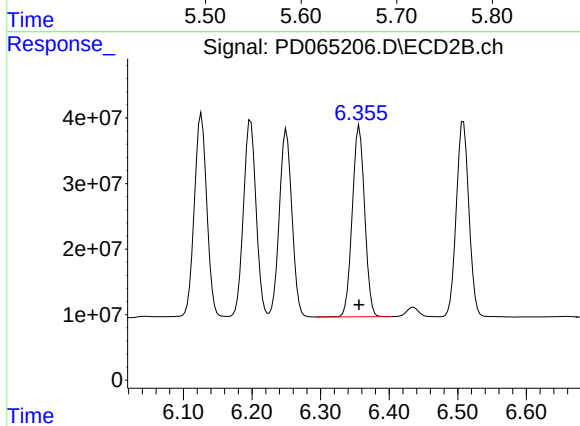
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 384016255  
Conc: 51.58 ng/ml



#12 4,4'-DDE

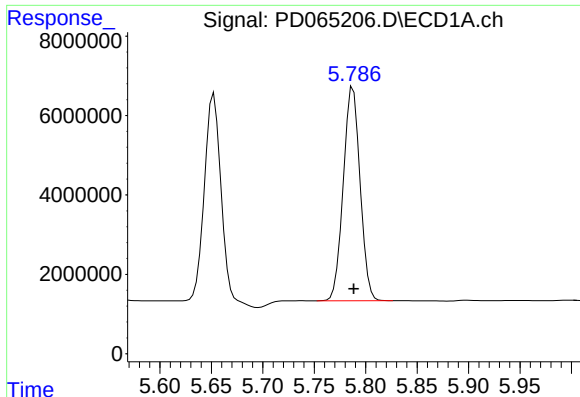
R.T.: 5.652 min  
Delta R.T.: 0.000 min  
Response: 60674728  
Conc: 57.57 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 366011460  
Conc: 50.97 ng/ml

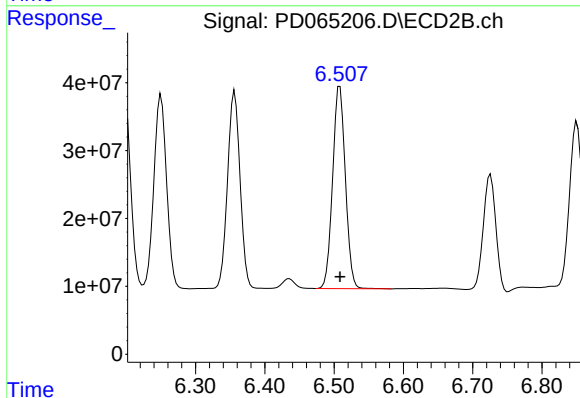




#13 Dieldrin

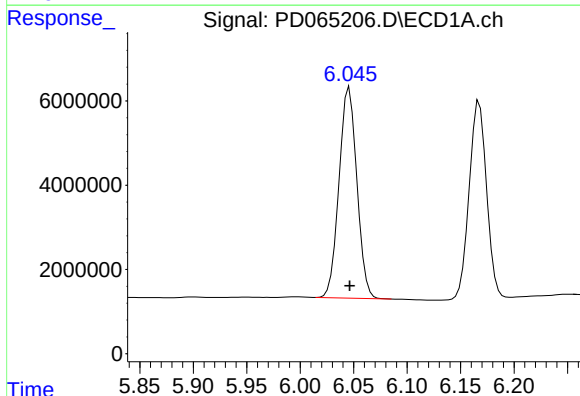
R.T.: 5.788 min  
Delta R.T.: 0.000 min  
Response: 61246292  
Conc: 54.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



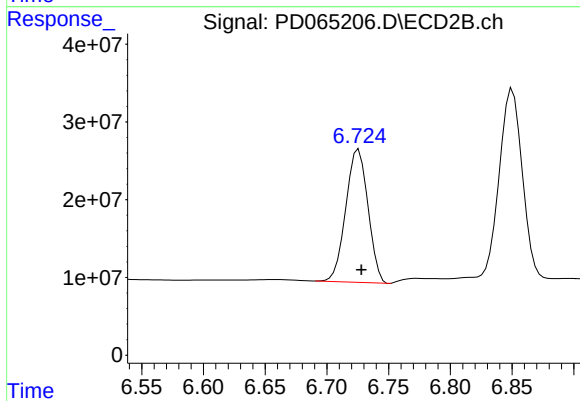
#13 Dieldrin

R.T.: 6.508 min  
Delta R.T.: 0.000 min  
Response: 381502513  
Conc: 52.58 ng/ml



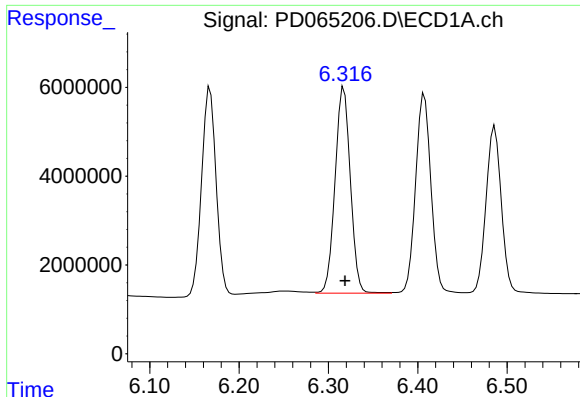
#14 Endrin

R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 58124117  
Conc: 55.39 ng/ml



#14 Endrin

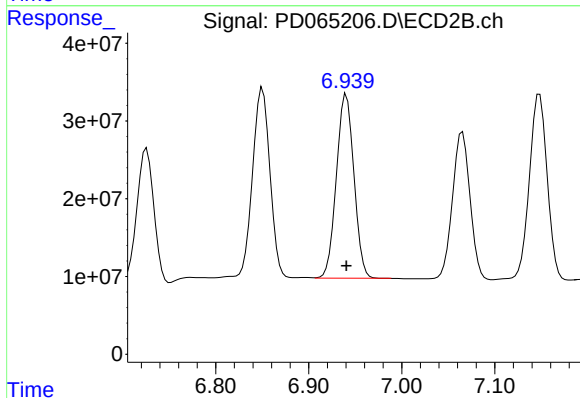
R.T.: 6.726 min  
Delta R.T.: -0.002 min  
Response: 214378063  
Conc: 34.83 ng/ml



#15 Endosulfan II

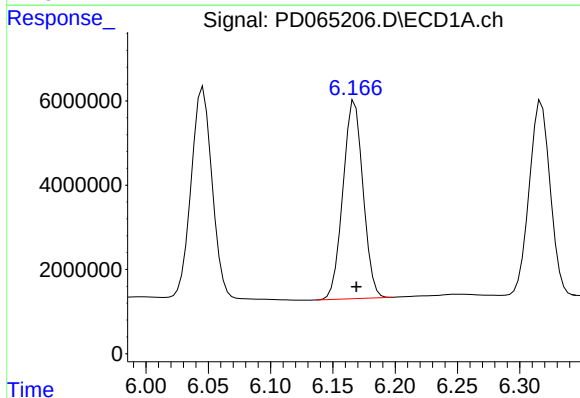
R.T.: 6.317 min  
Delta R.T.: -0.001 min  
Response: 55146578  
Conc: 55.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



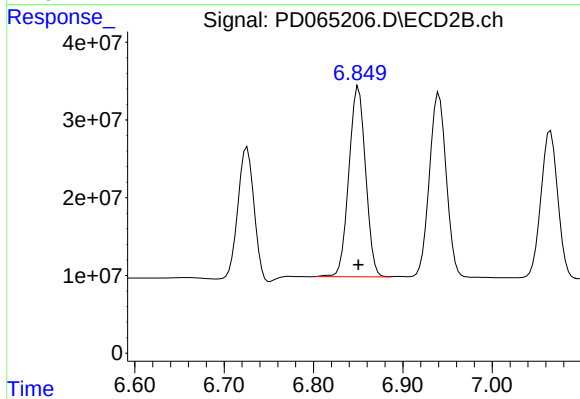
#15 Endosulfan II

R.T.: 6.941 min  
Delta R.T.: 0.000 min  
Response: 310428745  
Conc: 52.94 ng/ml



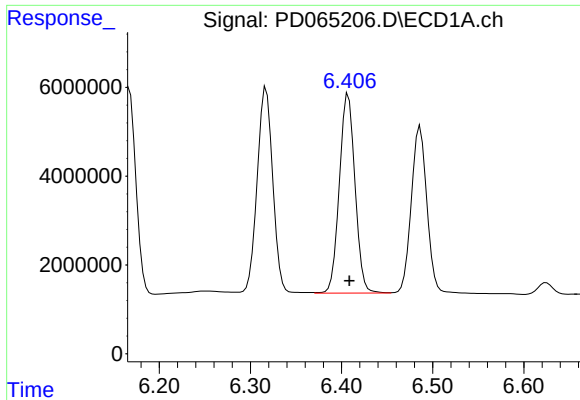
#16 4,4'-DDD

R.T.: 6.168 min  
Delta R.T.: -0.001 min  
Response: 52895251  
Conc: 55.93 ng/ml



#16 4,4'-DDD

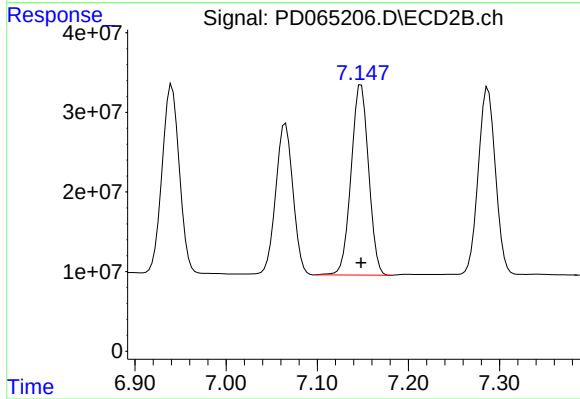
R.T.: 6.850 min  
Delta R.T.: 0.000 min  
Response: 318347057  
Conc: 54.14 ng/ml



#17 4,4'-DDT

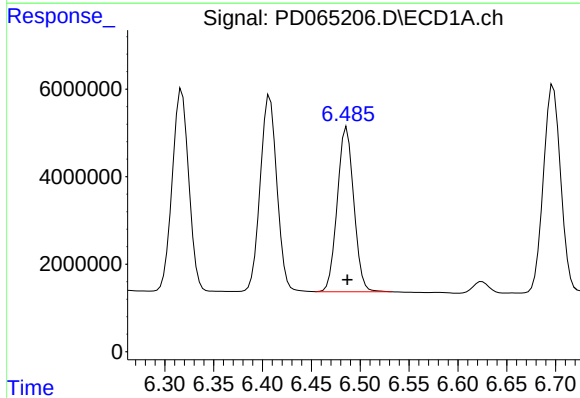
R.T.: 6.407 min  
Delta R.T.: -0.001 min  
Response: 53530817  
Conc: 53.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



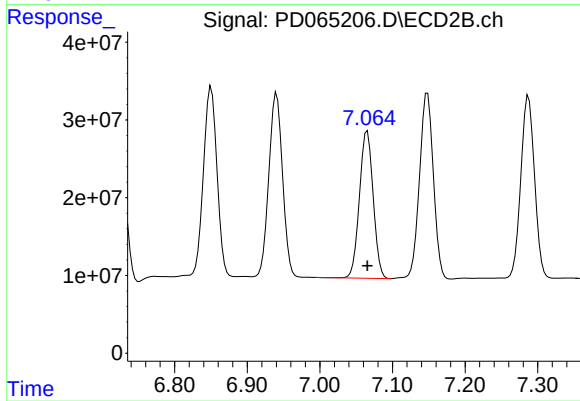
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 318643281  
Conc: 53.13 ng/ml



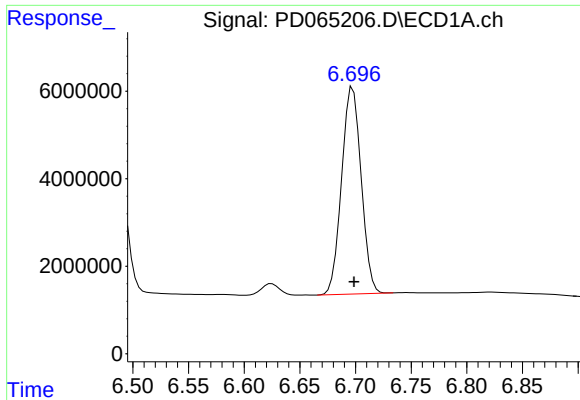
#18 Endrin aldehyde

R.T.: 6.486 min  
Delta R.T.: 0.000 min  
Response: 44329070  
Conc: 53.57 ng/ml



#18 Endrin aldehyde

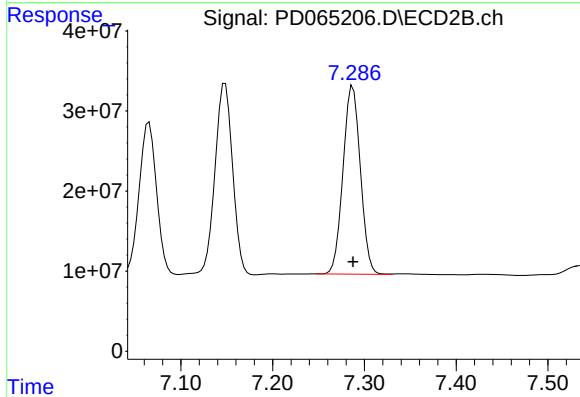
R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 248491418  
Conc: 53.27 ng/ml



#19 Endosulfan Sulfate

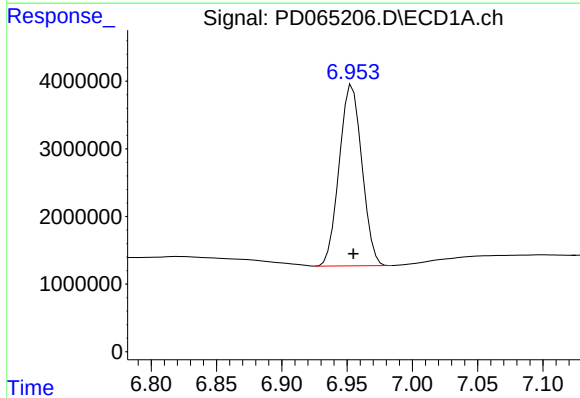
R.T.: 6.698 min  
Delta R.T.: -0.001 min  
Response: 57892869  
Conc: 54.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



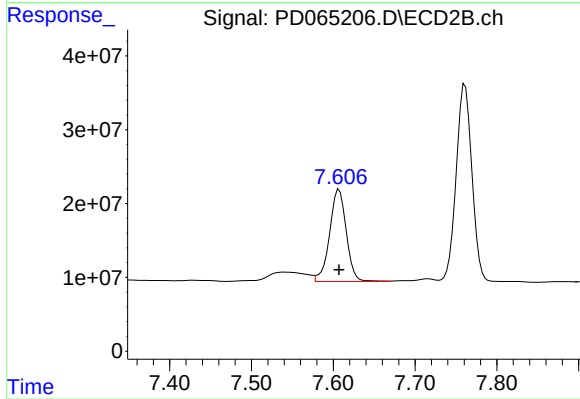
#19 Endosulfan Sulfate

R.T.: 7.287 min  
Delta R.T.: 0.000 min  
Response: 308927719  
Conc: 53.87 ng/ml



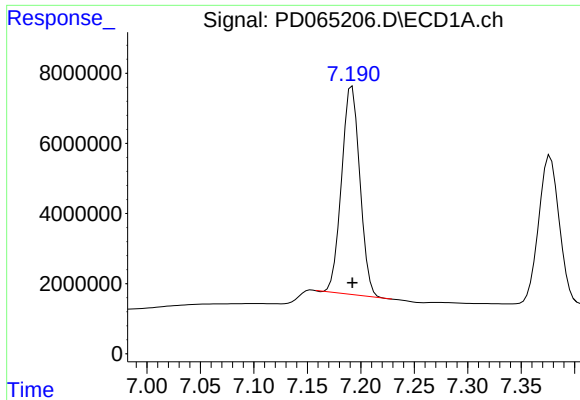
#20 Methoxychlor

R.T.: 6.954 min  
Delta R.T.: -0.001 min  
Response: 32392986  
Conc: 54.96 ng/ml



#20 Methoxychlor

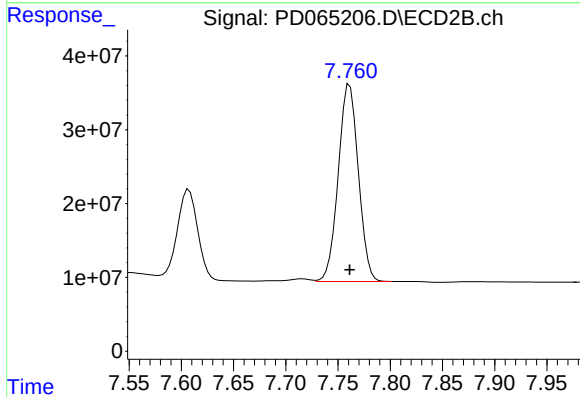
R.T.: 7.607 min  
Delta R.T.: 0.000 min  
Response: 176754092  
Conc: 58.41 ng/ml



#21 Endrin ketone

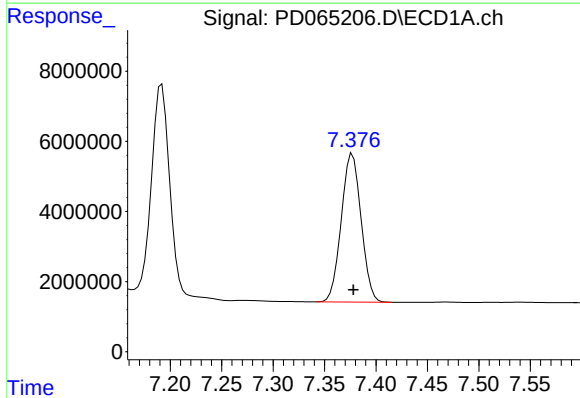
R.T.: 7.192 min  
Delta R.T.: 0.000 min  
Response: 70616883  
Conc: 55.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



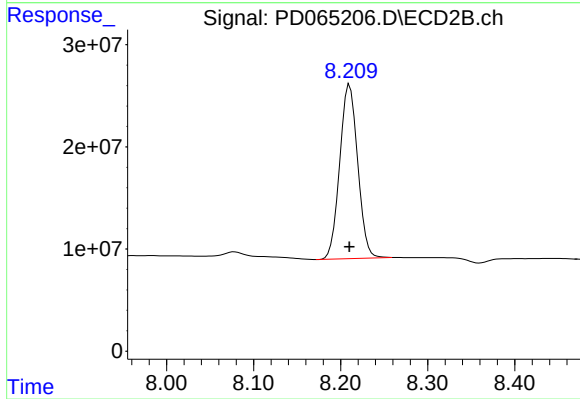
#21 Endrin ketone

R.T.: 7.761 min  
Delta R.T.: 0.000 min  
Response: 357432005  
Conc: 55.00 ng/ml



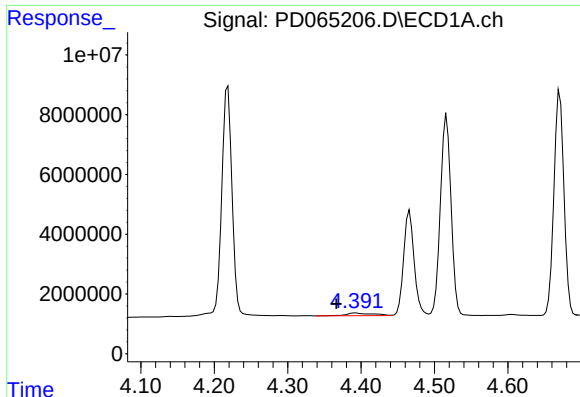
#22 Mirex

R.T.: 7.377 min  
Delta R.T.: 0.000 min  
Response: 56849082  
Conc: 55.75 ng/ml



#22 Mirex

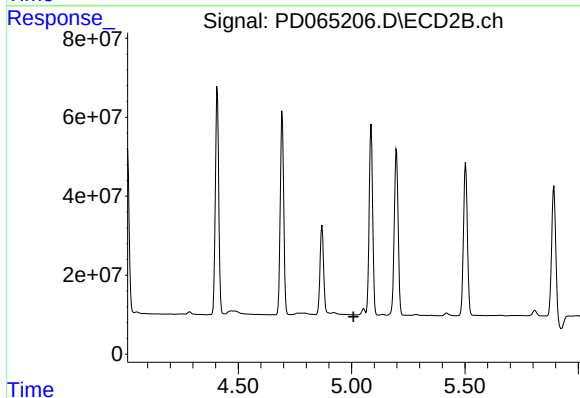
R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 244923574  
Conc: 55.01 ng/ml



#23 Chlordane-1

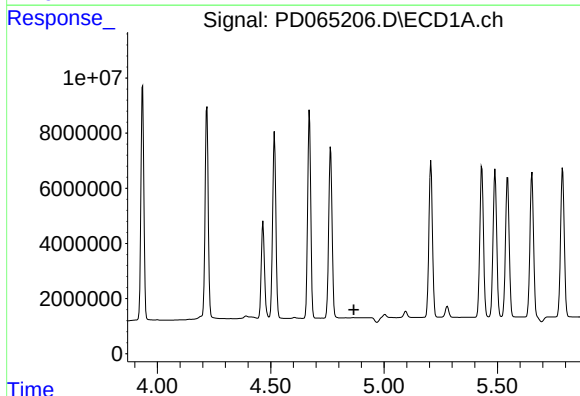
R.T.: 4.392 min  
Delta R.T.: 0.026 min  
Response: 2272562  
Conc: 60.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



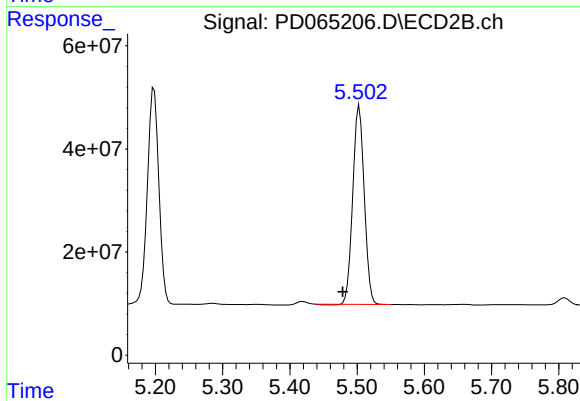
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.009 min  
Response: 0  
Conc: N.D.



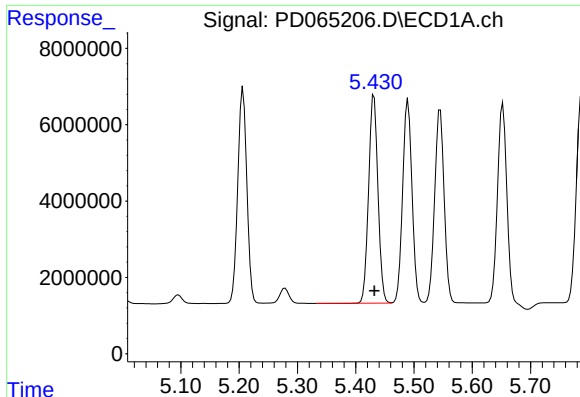
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.866 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

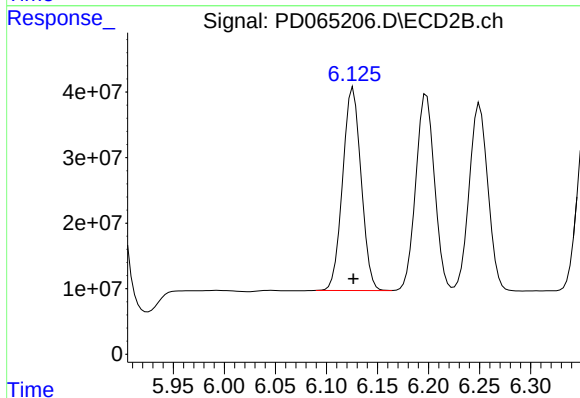
R.T.: 5.503 min  
Delta R.T.: 0.024 min  
Response: 456788585  
Conc: 1460.21 ng/ml



#25 Chlordane-3

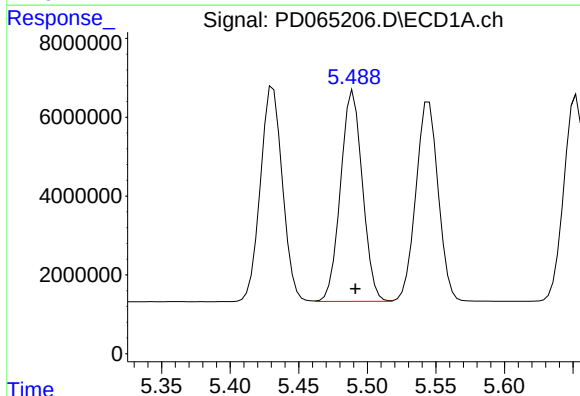
R.T.: 5.431 min  
Delta R.T.: 0.000 min  
Response: 61026730  
Conc: 552.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



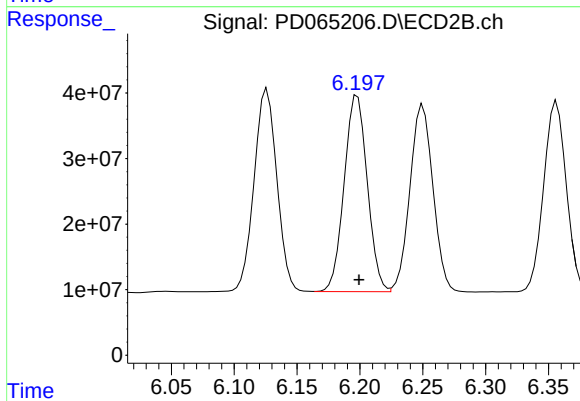
#25 Chlordane-3

R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 389495424  
Conc: 376.74 ng/ml



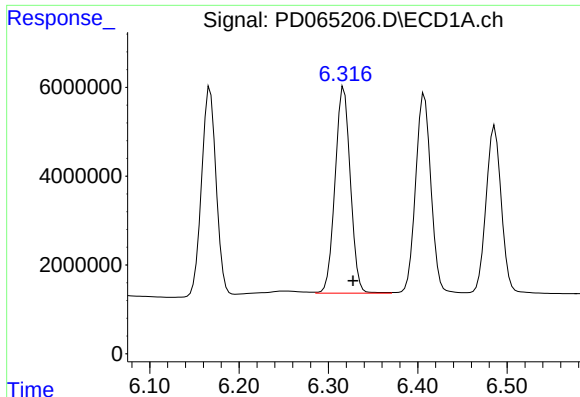
#26 Chlordane-4

R.T.: 5.490 min  
Delta R.T.: -0.001 min  
Response: 59445286  
Conc: 647.53 ng/ml



#26 Chlordane-4

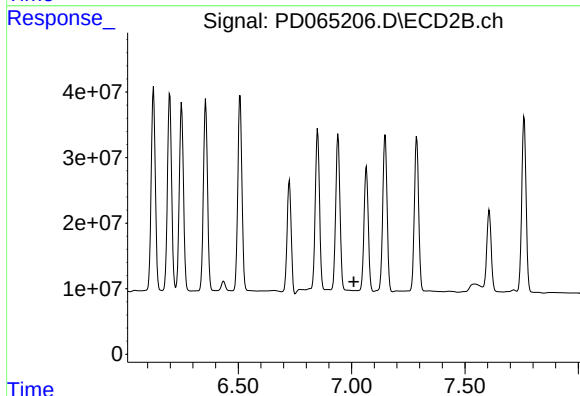
R.T.: 6.198 min  
Delta R.T.: -0.001 min  
Response: 384016255  
Conc: 319.40 ng/ml



#27 Chlordane-5

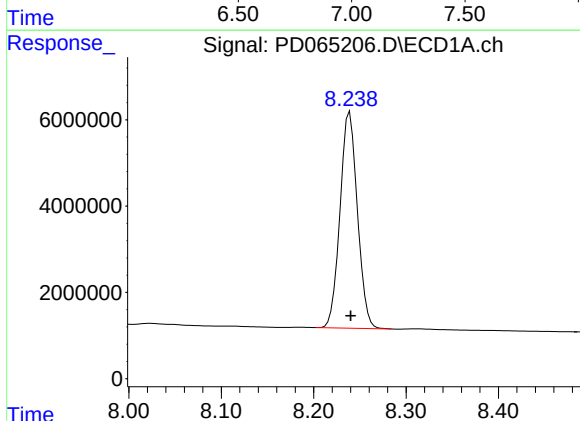
R.T.: 6.317 min  
Delta R.T.: -0.010 min  
Response: 55146578  
Conc: 1225.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



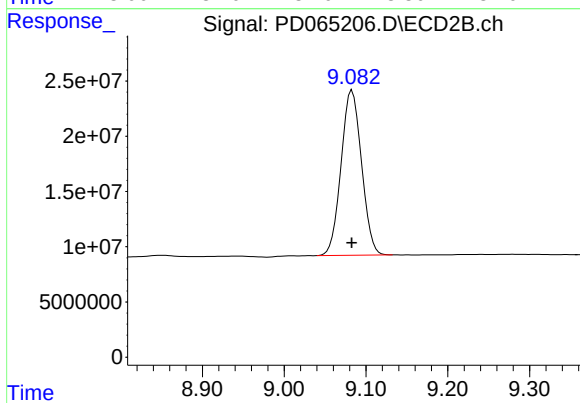
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.239 min  
Delta R.T.: -0.001 min  
Response: 65544025  
Conc: 57.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min  
Delta R.T.: 0.000 min  
Response: 258465735  
Conc: 54.61 ng/ml