

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052221\  
 Data File : PD063195.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 May 2021 10:27  
 Operator : AR\AJ  
 Sample : M2437-08RE  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 21 11:54:59 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 18 07:12:39 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... | 3.444  | 3.970  | 14855004 | 102.2E6  | 13.486  | 8.822 #   |
| 28)                         | SA Decachlor... | 8.199  | 9.024  | 92694030 | 839.8E6  | 73.651  | 82.314    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | MA gamma-BHC... | 0.000  | 4.654  | 0        | 19579345 | N.D.    | 1.134 #   |
| 4)                          | MA Heptachlor   | 4.433f | 0.000  | 1587745  | 0        | 1.009   | N.D. #    |
| 5)                          | MB Aldrin       | 4.693f | 5.450  | 3977034  | 111.5E6  | 2.596   | 6.682 #   |
| 6)                          | B beta-BHC      | 4.433f | 4.833f | 1587745  | 74869672 | N.D.    | 10.094    |
| 7)                          | B delta-BHC     | 4.635f | 5.025  | 3336810  | 20522146 | 2.024   | 1.469 #   |
| 8)                          | B Heptachlo...  | 5.154  | 5.856f | 8541808  | 16528692 | 5.927   | 1.081 #   |
| 9)                          | A Endosulfan I  | 5.487  | 6.184  | 17710061 | 91008939 | 13.051  | 6.407 #   |
| 10)                         | B gamma-Chl...  | 5.364  | 0.000  | 6440556  | 0        | 4.391   | N.D. #    |
| 11)                         | B alpha-Chl...  | 0.000  | 6.144  | 0        | 52569625 | N.D.    | 3.547 #   |
| 12)                         | B 4,4'-DDE      | 5.604  | 6.299  | 1166859  | 36879807 | 0.813   | 2.443 #   |
| 13)                         | MA Dieldrin     | 5.732  | 6.440  | 4230641  | 59686446 | 2.859   | 3.936 #   |
| 14)                         | MA Endrin       | 5.993  | 6.669  | 1852922  | 92890405 | 1.385   | 7.281 #   |
| 15)                         | B Endosulfa...  | 6.254  | 6.865  | 7243944  | 62361590 | 5.823   | 5.200     |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.797  | 0        | 64653890 | N.D.    | 5.329 #   |
| 17)                         | MA 4,4'-DDT     | 6.358  | 7.092  | 14162488 | 27574894 | 12.391  | 2.446 #   |
| 18)                         | B Endrin al...  | 6.453f | 6.997  | 6170550  | 238.5E6  | 5.805   | 23.419 #  |
| 19)                         | B Endosulfa...  | 6.644  | 0.000  | 12595892 | 0        | 10.451  | N.D. #    |
| 20)                         | A Methoxychlor  | 6.892  | 7.573f | 20461620 | 201.3E6  | 30.491  | 35.095    |
| 21)                         | B Endrin ke...  | 7.167f | 0.000  | 112.4E6  | 0        | 76.035  | N.D. #    |
| 22)                         | Mirex           | 0.000  | 8.177f | 0        | 200.2E6  | N.D.    | 26.332 #  |
| 23)                         | Chlordane-1     | 4.310  | 4.975  | 1789827  | 116.1E6  | 48.974  | 173.539 # |
| 24)                         | Chlordane-2     | 4.787f | 5.450f | 1218257  | 111.5E6  | 26.500  | 228.825 # |
| 25)                         | Chlordane-3     | 5.364f | 0.000  | 6440556  | 0        | 44.841  | N.D. #    |
| 26)                         | Chlordane-4     | 0.000  | 6.144  | 0        | 52569625 | N.D.    | 22.348 #  |
| 27)                         | Chlordane-5     | 6.254f | 0.000  | 7243944  | 0        | 157.720 | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

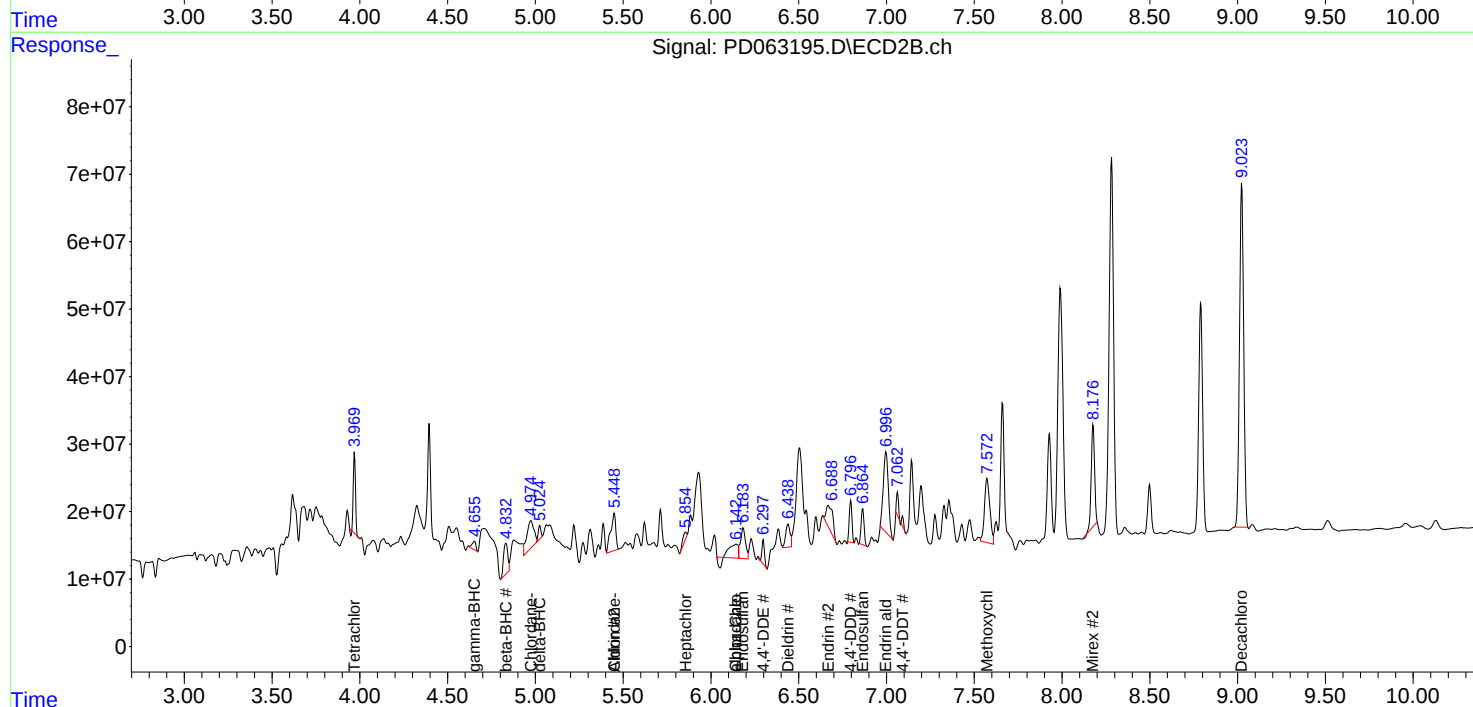
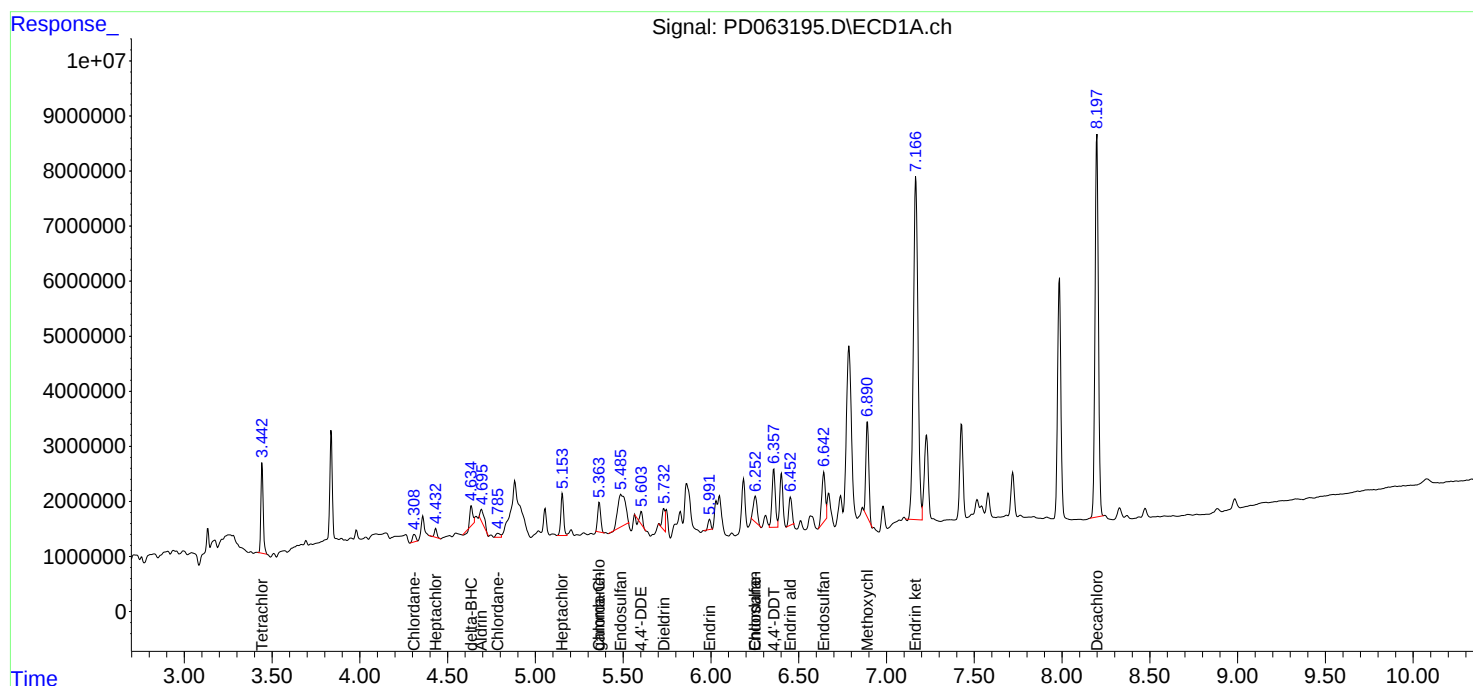
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

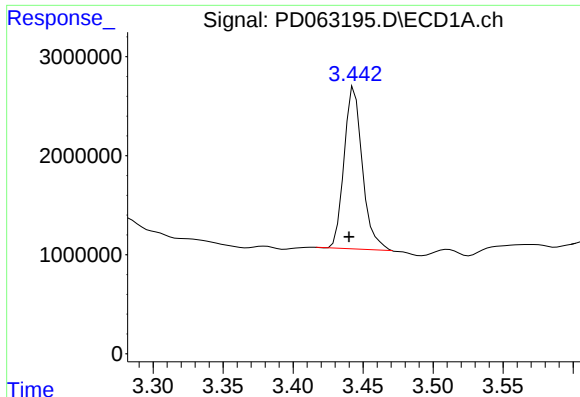
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052221\  
Data File : PD063195.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 May 2021 10:27  
Operator : AR\AJ  
Sample : M2437-08RE  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 21 11:54:59 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051721.M  
Quant Title : GC Extractables  
QLast Update : Tue May 18 07:12:39 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

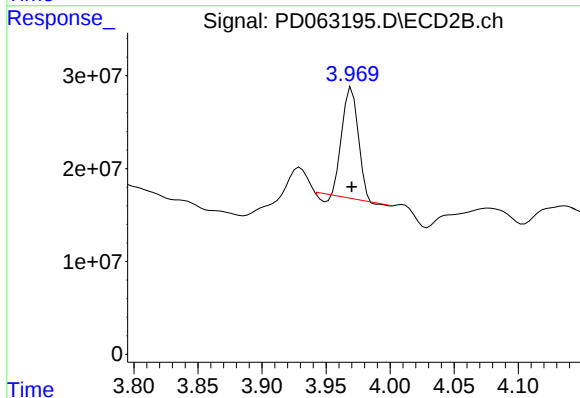




#1 Tetrachloro-m-xylene

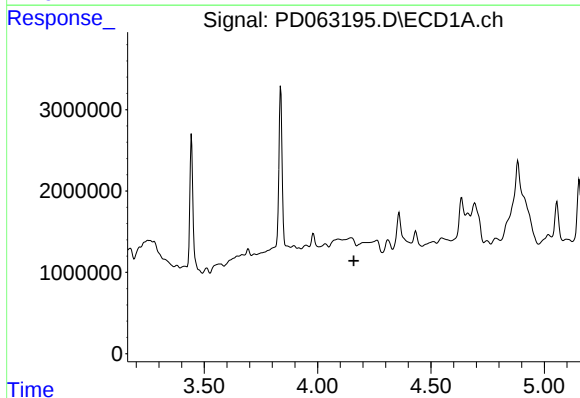
R.T.: 3.444 min  
Delta R.T.: 0.004 min  
Response: 14855004  
Conc: 13.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



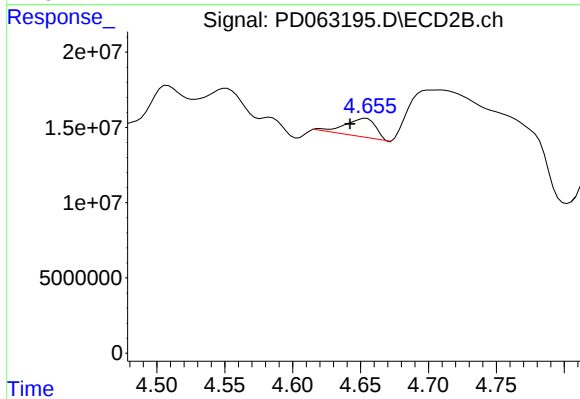
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 102233765  
Conc: 8.82 ng/ml



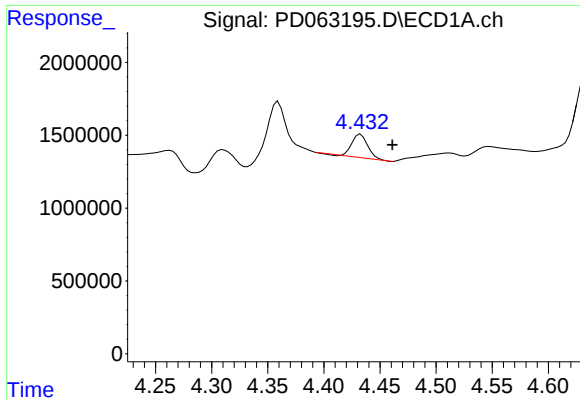
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.160 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

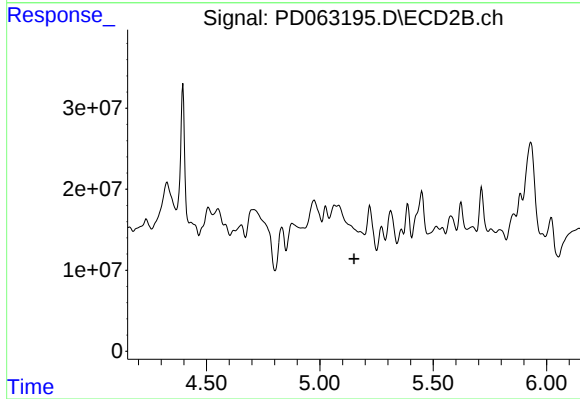
R.T.: 4.654 min  
Delta R.T.: 0.012 min  
Response: 19579345  
Conc: 1.13 ng/ml



#4 Heptachlor

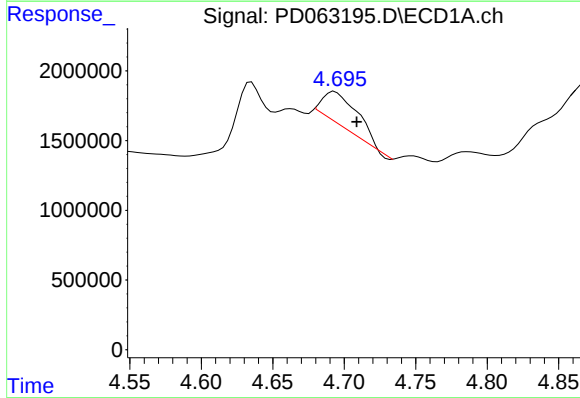
R.T.: 4.433 min  
Delta R.T.: -0.028 min  
Response: 1587745  
Conc: 1.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



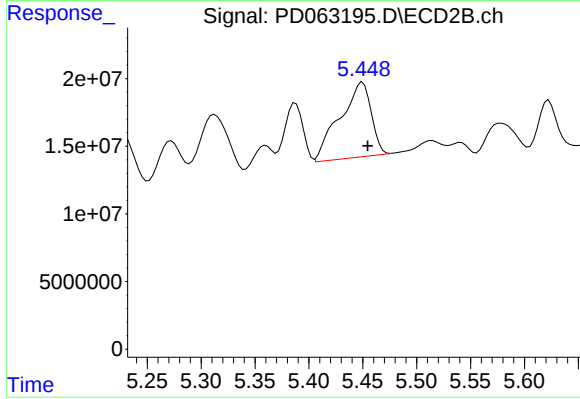
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 5.151 min  
Response: 0  
Conc: N.D.



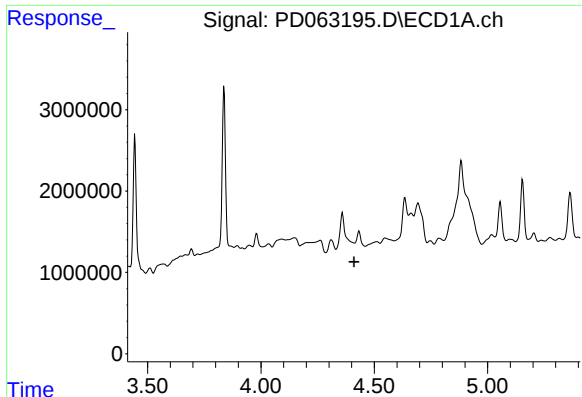
#5 Aldrin

R.T.: 4.693 min  
Delta R.T.: -0.015 min  
Response: 3977034  
Conc: 2.60 ng/ml



#5 Aldrin

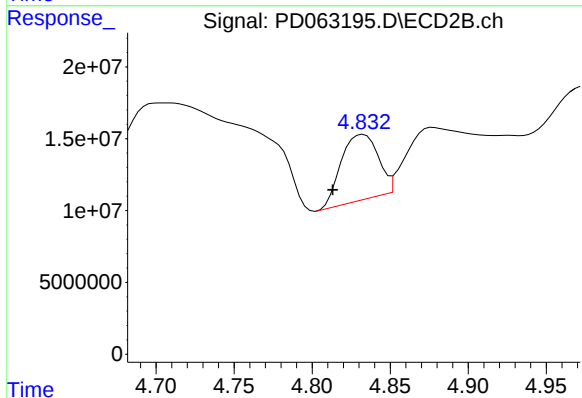
R.T.: 5.450 min  
Delta R.T.: -0.005 min  
Response: 111530436  
Conc: 6.68 ng/ml



#6 beta-BHC

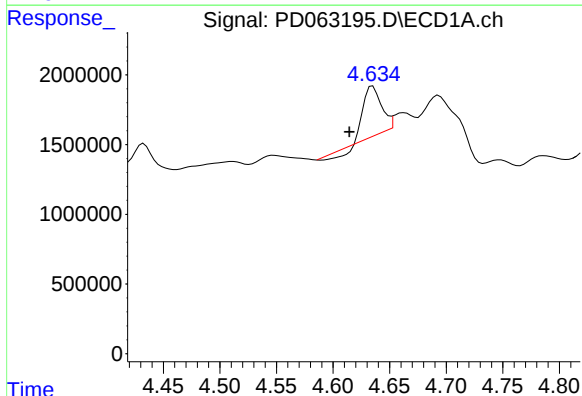
R.T.: 4.433 min  
Delta R.T.: 0.022 min  
Response: 1587745  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



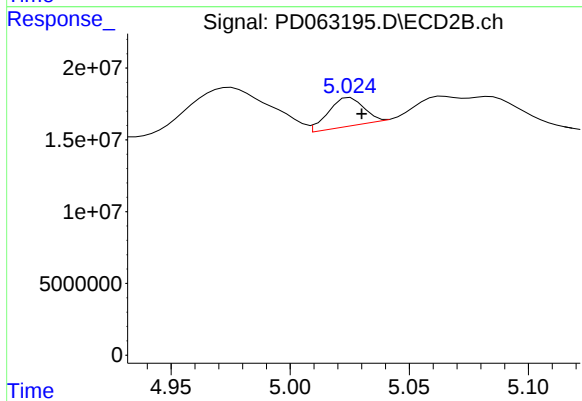
#6 beta-BHC

R.T.: 4.833 min  
Delta R.T.: 0.020 min  
Response: 74869672  
Conc: 10.09 ng/ml



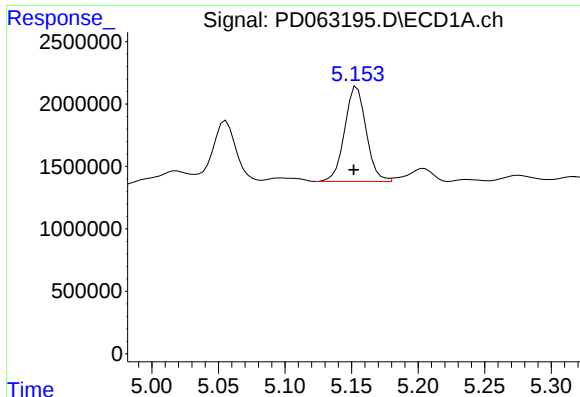
#7 delta-BHC

R.T.: 4.635 min  
Delta R.T.: 0.021 min  
Response: 3336810  
Conc: 2.02 ng/ml



#7 delta-BHC

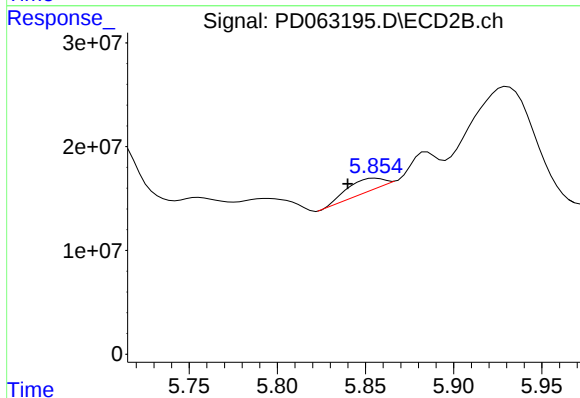
R.T.: 5.025 min  
Delta R.T.: -0.005 min  
Response: 20522146  
Conc: 1.47 ng/ml



#8 Heptachlor epoxide

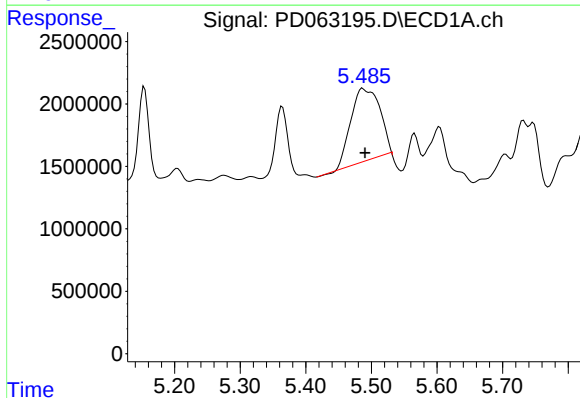
R.T.: 5.154 min  
Delta R.T.: 0.002 min  
Response: 8541808  
Conc: 5.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



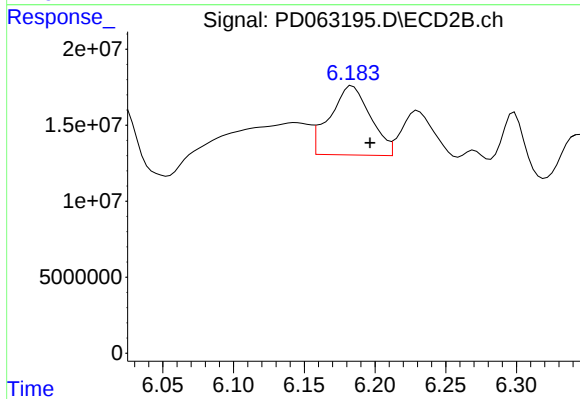
#8 Heptachlor epoxide

R.T.: 5.856 min  
Delta R.T.: 0.016 min  
Response: 16528692  
Conc: 1.08 ng/ml



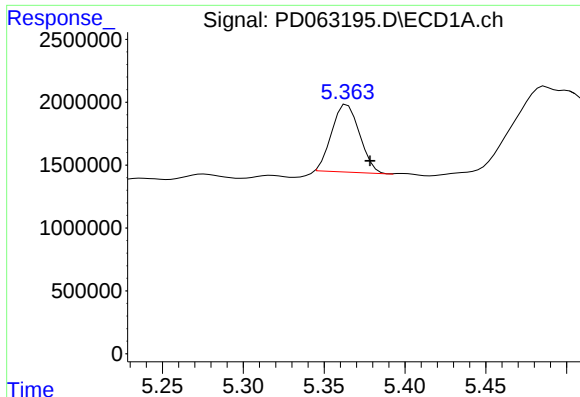
#9 Endosulfan I

R.T.: 5.487 min  
Delta R.T.: -0.004 min  
Response: 17710061  
Conc: 13.05 ng/ml



#9 Endosulfan I

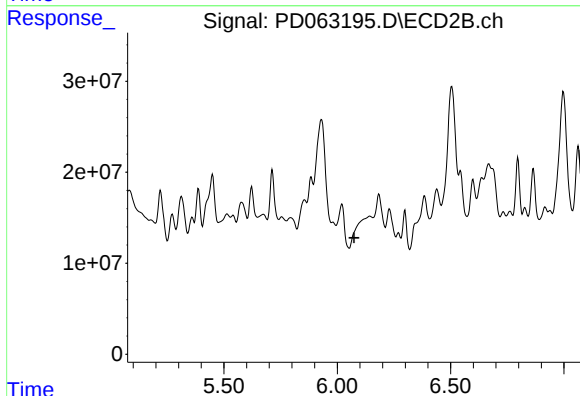
R.T.: 6.184 min  
Delta R.T.: -0.012 min  
Response: 91008939  
Conc: 6.41 ng/ml



#10 gamma-Chlordane

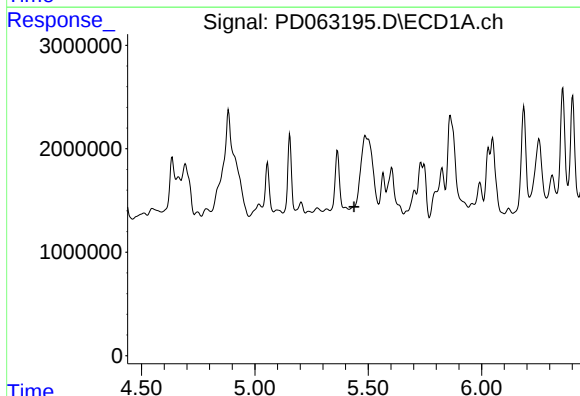
R.T.: 5.364 min  
Delta R.T.: -0.014 min  
Response: 6440556  
Conc: 4.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



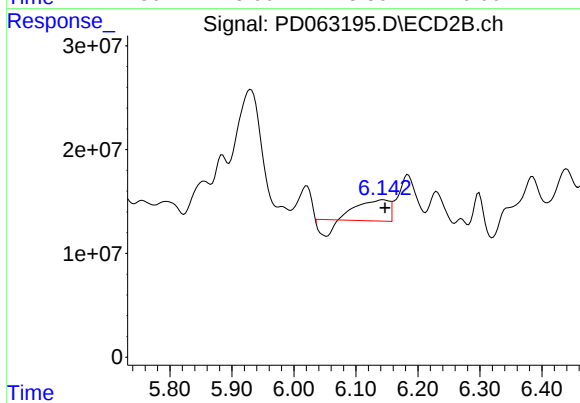
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.074 min  
Response: 0  
Conc: N.D.



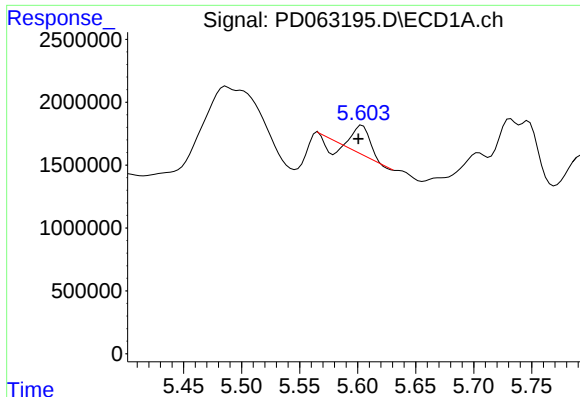
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.437 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

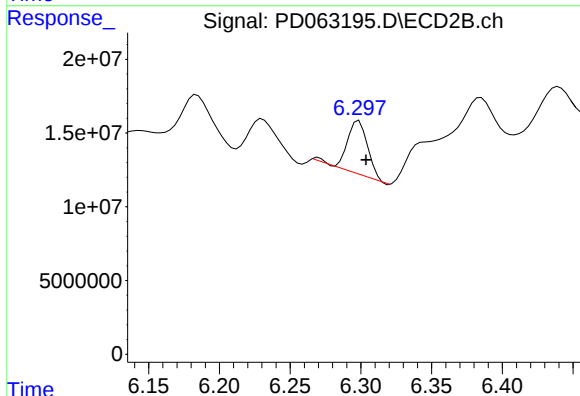
R.T.: 6.144 min  
Delta R.T.: -0.003 min  
Response: 52569625  
Conc: 3.55 ng/ml



#12 4,4'-DDE

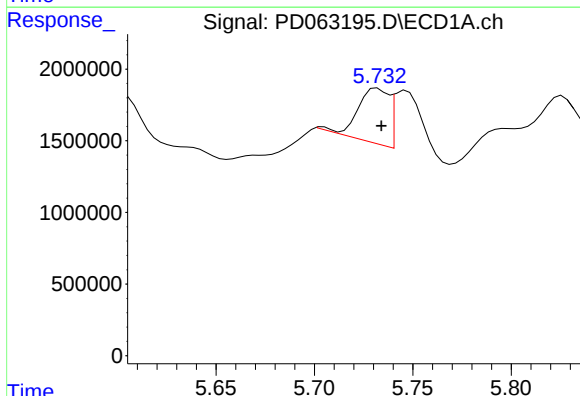
R.T.: 5.604 min  
Delta R.T.: 0.003 min  
Response: 1166859  
Conc: 0.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



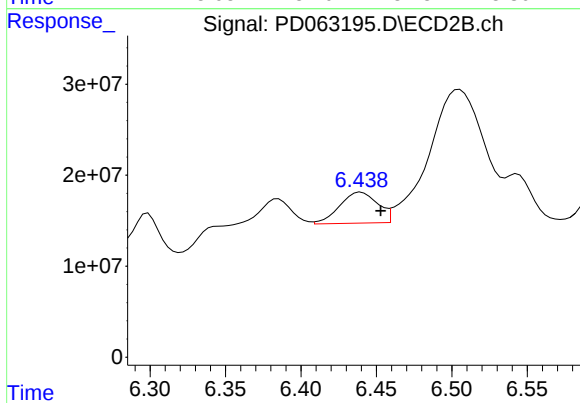
#12 4,4'-DDE

R.T.: 6.299 min  
Delta R.T.: -0.005 min  
Response: 36879807  
Conc: 2.44 ng/ml



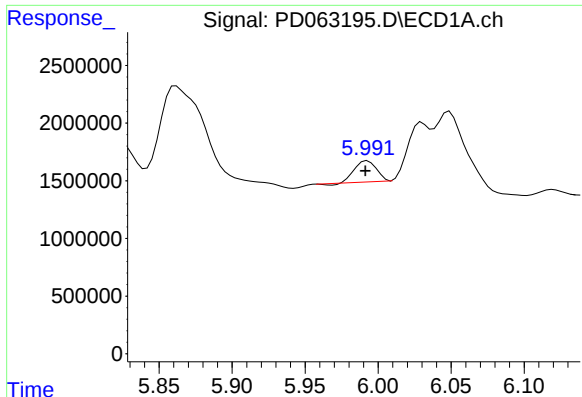
#13 Dieldrin

R.T.: 5.732 min  
Delta R.T.: -0.002 min  
Response: 4230641  
Conc: 2.86 ng/ml



#13 Dieldrin

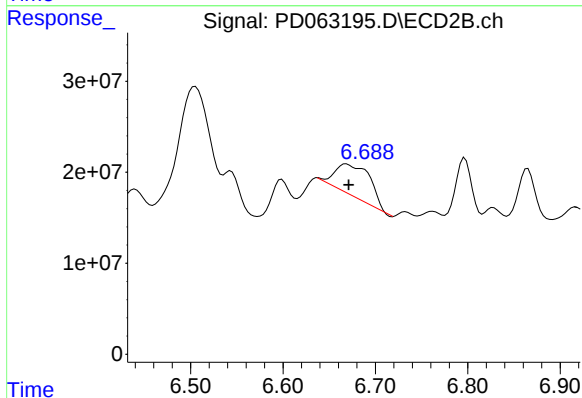
R.T.: 6.440 min  
Delta R.T.: -0.013 min  
Response: 59686446  
Conc: 3.94 ng/ml



#14 Endrin

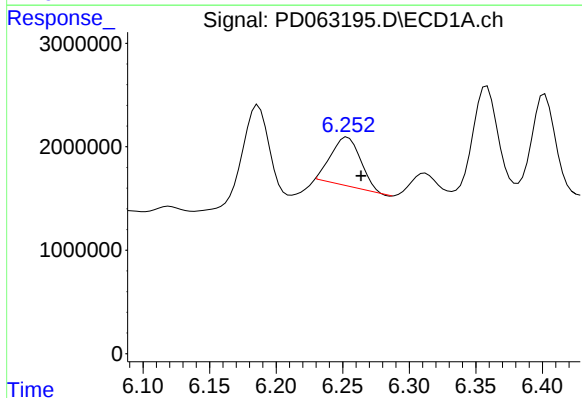
R.T.: 5.993 min  
Delta R.T.: 0.001 min  
Response: 1852922  
Conc: 1.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



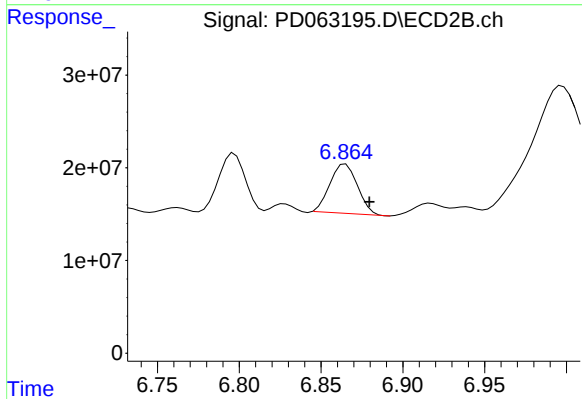
#14 Endrin

R.T.: 6.669 min  
Delta R.T.: -0.002 min  
Response: 92890405  
Conc: 7.28 ng/ml



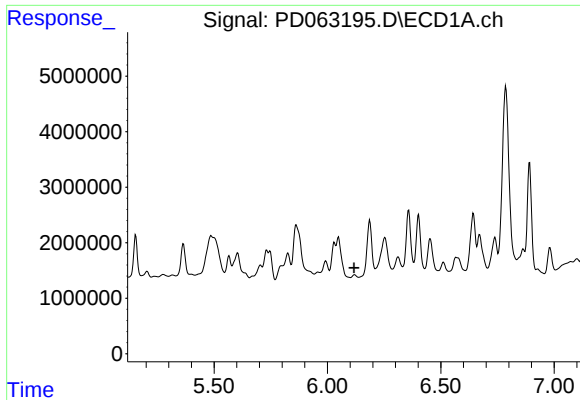
#15 Endosulfan II

R.T.: 6.254 min  
Delta R.T.: -0.010 min  
Response: 7243944  
Conc: 5.82 ng/ml



#15 Endosulfan II

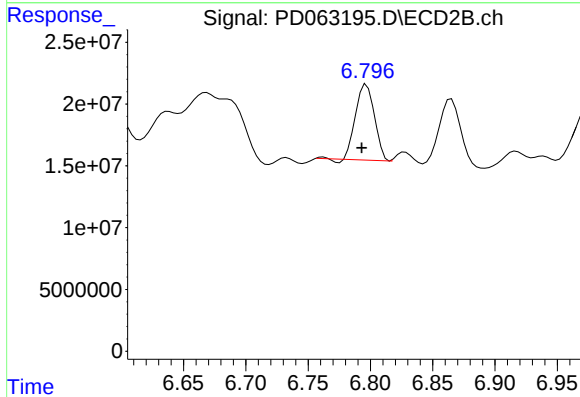
R.T.: 6.865 min  
Delta R.T.: -0.015 min  
Response: 62361590  
Conc: 5.20 ng/ml



#16 4,4'-DDD

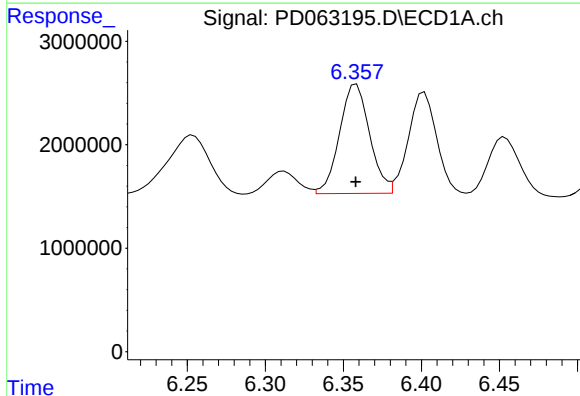
R.T.: 0.000 min  
Exp R.T.: 6.117 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



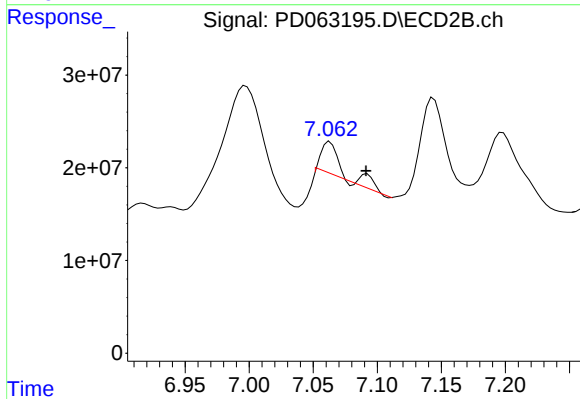
#16 4,4'-DDD

R.T.: 6.797 min  
Delta R.T.: 0.004 min  
Response: 64653890  
Conc: 5.33 ng/ml



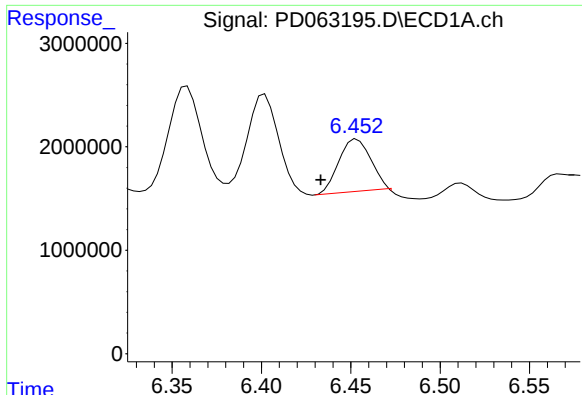
#17 4,4'-DDT

R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 14162488  
Conc: 12.39 ng/ml



#17 4,4'-DDT

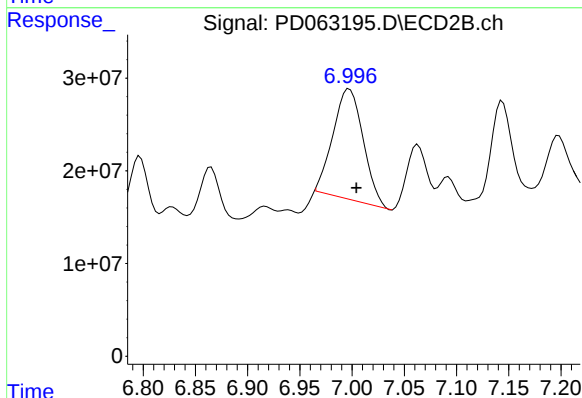
R.T.: 7.092 min  
Delta R.T.: 0.000 min  
Response: 27574894  
Conc: 2.45 ng/ml



#18 Endrin aldehyde

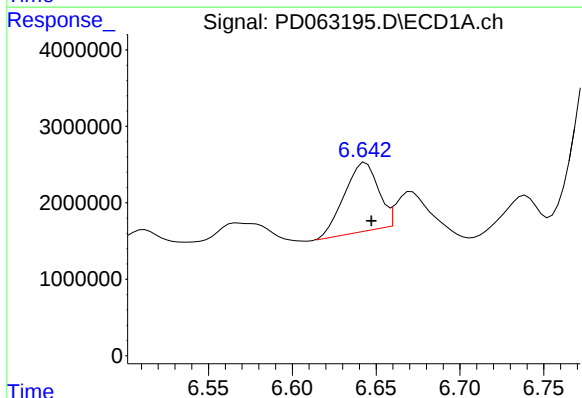
R.T.: 6.453 min  
Delta R.T.: 0.020 min  
Response: 6170550  
Conc: 5.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



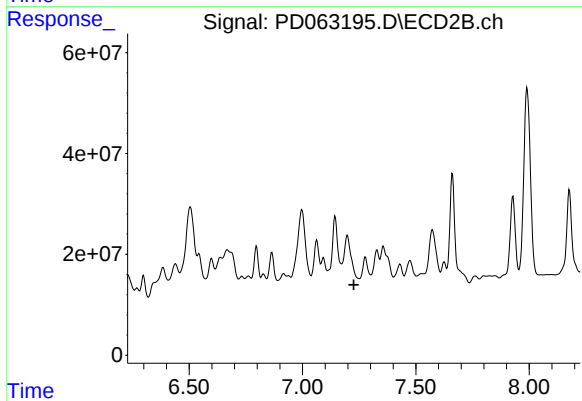
#18 Endrin aldehyde

R.T.: 6.997 min  
Delta R.T.: -0.007 min  
Response: 238515066  
Conc: 23.42 ng/ml



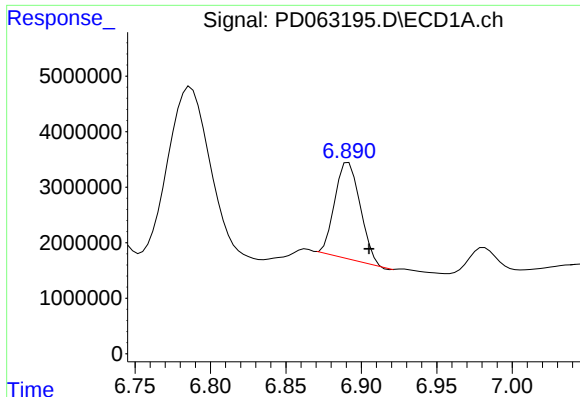
#19 Endosulfan Sulfate

R.T.: 6.644 min  
Delta R.T.: -0.003 min  
Response: 12595892  
Conc: 10.45 ng/ml



#19 Endosulfan Sulfate

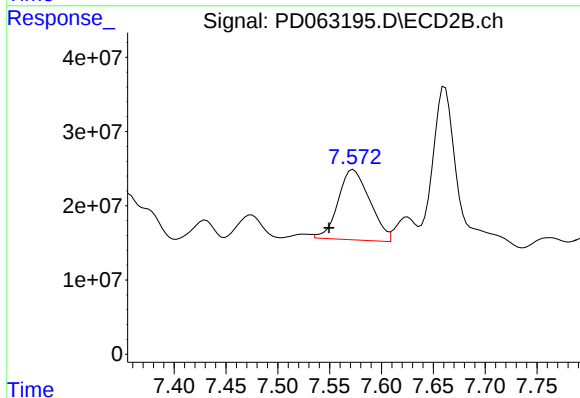
R.T.: 0.000 min  
Exp R.T.: 7.227 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

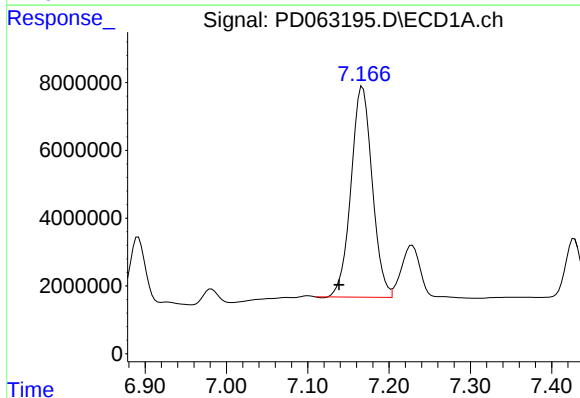
R.T.: 6.892 min  
Delta R.T.: -0.014 min  
Response: 20461620  
Conc: 30.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



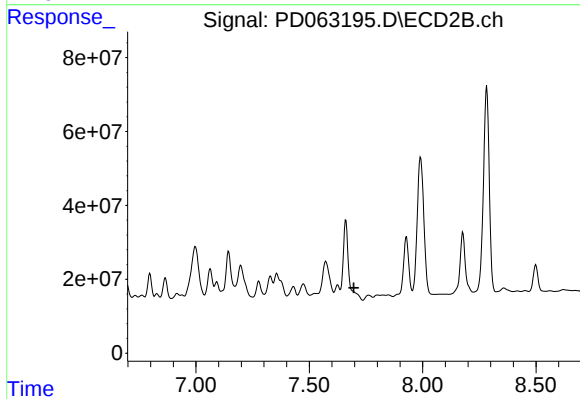
#20 Methoxychlor

R.T.: 7.573 min  
Delta R.T.: 0.023 min  
Response: 201325591  
Conc: 35.09 ng/ml



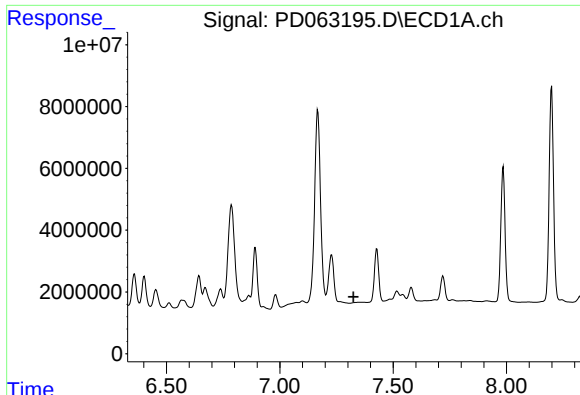
#21 Endrin ketone

R.T.: 7.167 min  
Delta R.T.: 0.029 min  
Response: 112359472  
Conc: 76.04 ng/ml



#21 Endrin ketone

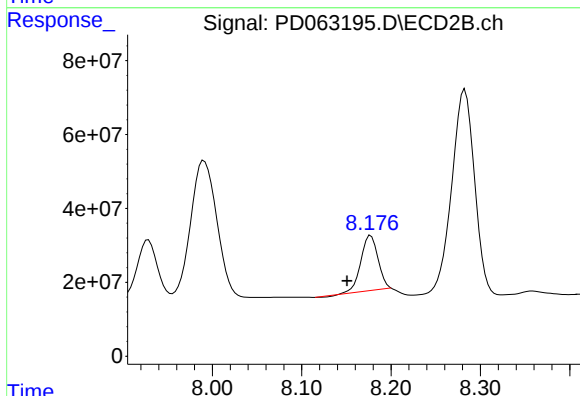
R.T.: 0.000 min  
Exp R.T.: 7.697 min  
Response: 0  
Conc: N.D.



#22 Mirex

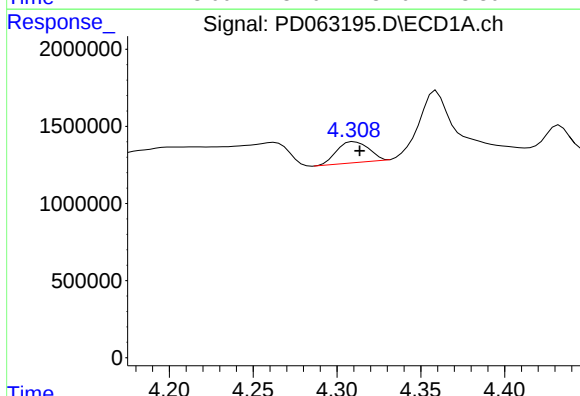
R.T.: 0.000 min  
Exp R.T.: 7.325 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



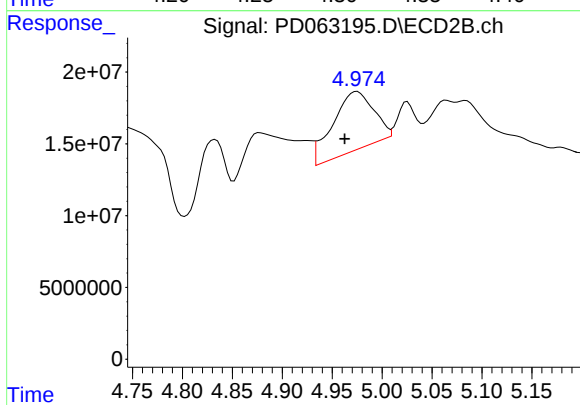
#22 Mirex

R.T.: 8.177 min  
Delta R.T.: 0.027 min  
Response: 200241985  
Conc: 26.33 ng/ml



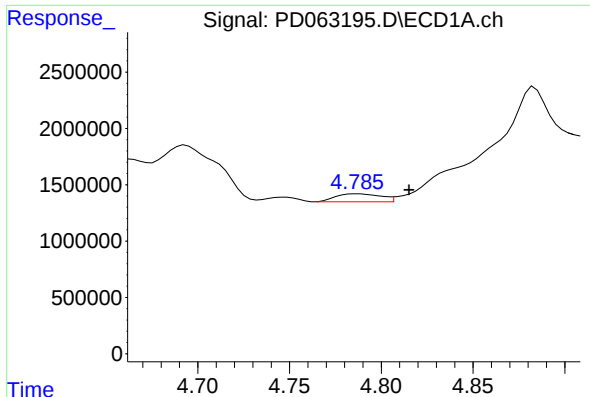
#23 Chlordane-1

R.T.: 4.310 min  
Delta R.T.: -0.003 min  
Response: 1789827  
Conc: 48.97 ng/ml



#23 Chlordane-1

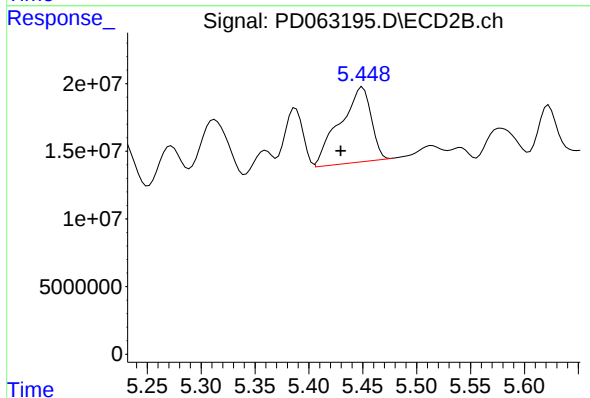
R.T.: 4.975 min  
Delta R.T.: 0.013 min  
Response: 116144648  
Conc: 173.54 ng/ml



#24 Chlordane-2

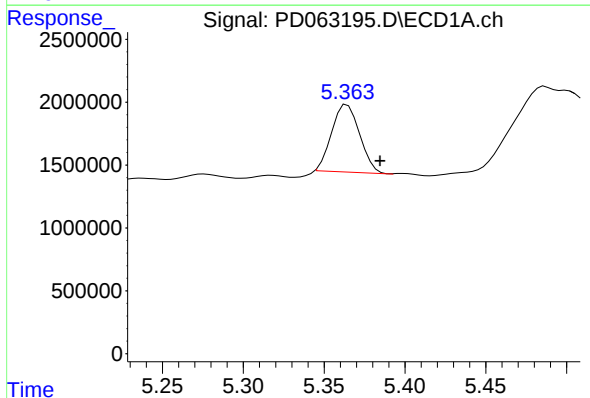
R.T.: 4.787 min  
Delta R.T.: -0.028 min  
Response: 1218257  
Conc: 26.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



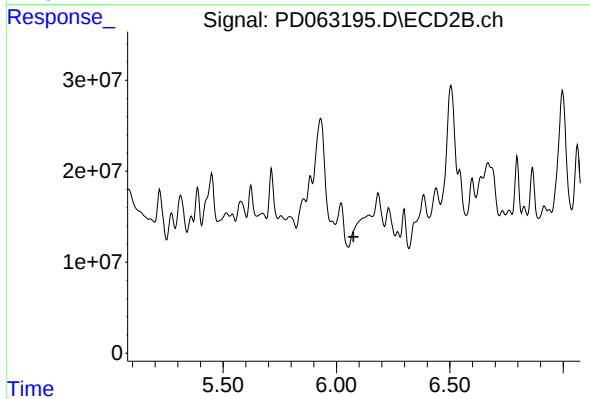
#24 Chlordane-2

R.T.: 5.450 min  
Delta R.T.: 0.020 min  
Response: 111530436  
Conc: 228.83 ng/ml



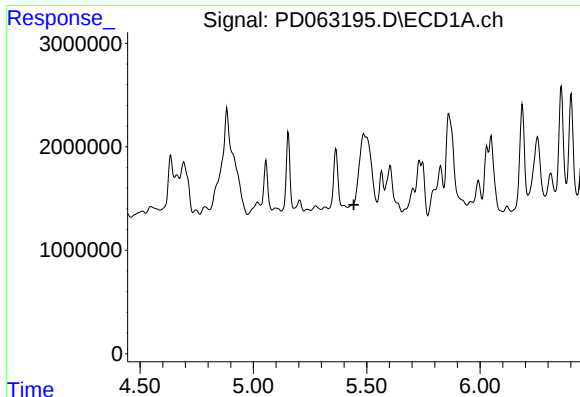
#25 Chlordane-3

R.T.: 5.364 min  
Delta R.T.: -0.020 min  
Response: 6440556  
Conc: 44.84 ng/ml



#25 Chlordane-3

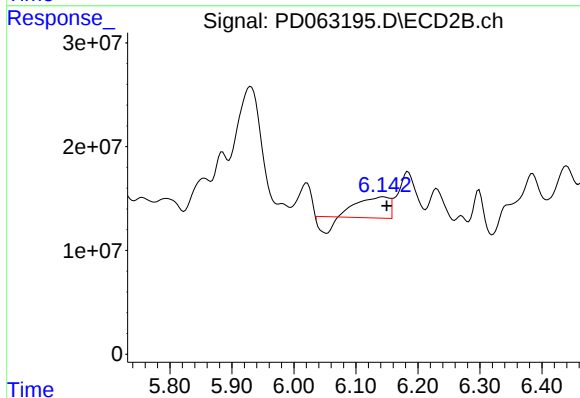
R.T.: 0.000 min  
Exp R.T.: 6.075 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

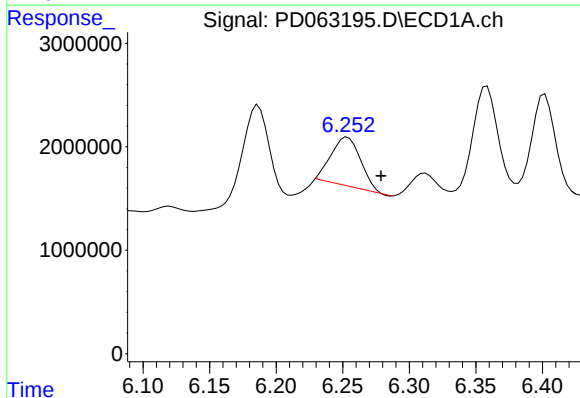
R.T.: 0.000 min  
Exp R.T.: 5.443 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



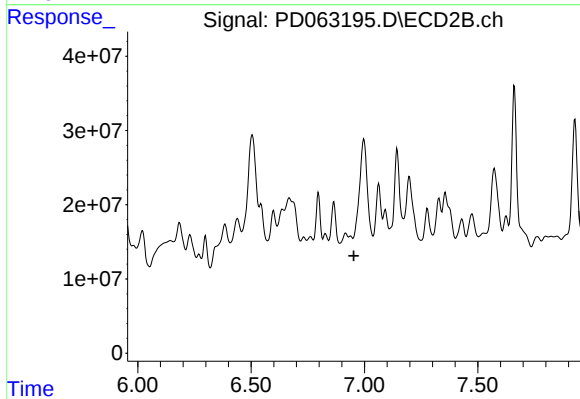
#26 Chlordane-4

R.T.: 6.144 min  
Delta R.T.: -0.006 min  
Response: 52569625  
Conc: 22.35 ng/ml



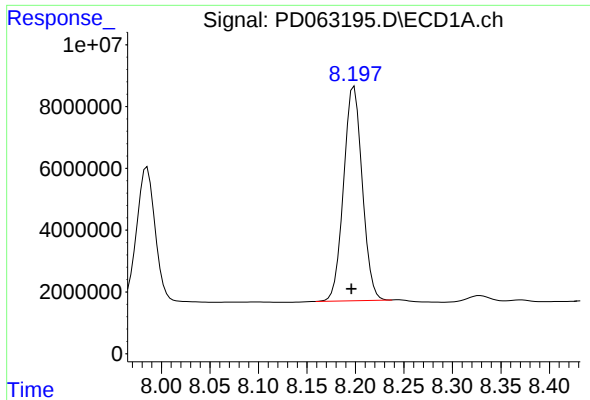
#27 Chlordane-5

R.T.: 6.254 min  
Delta R.T.: -0.025 min  
Response: 7243944  
Conc: 157.72 ng/ml



#27 Chlordane-5

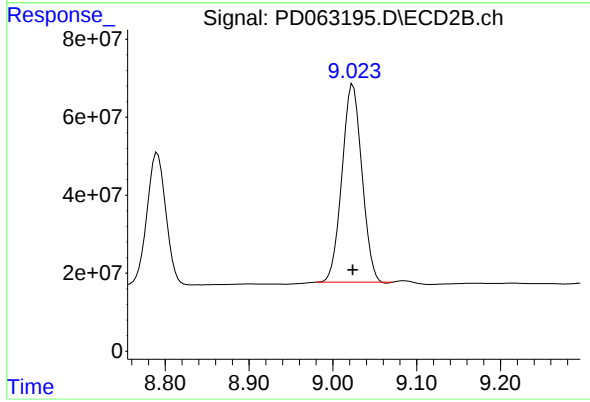
R.T.: 0.000 min  
Exp R.T.: 6.953 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.199 min  
Delta R.T.: 0.003 min  
Response: 92694030  
Conc: 73.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: 0.000 min  
Response: 839766699  
Conc: 82.31 ng/ml