

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012921\  
 Data File : PD061083.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jan 2021 12:12  
 Operator : DD\AJ  
 Sample : PB134386BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 00:15:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012821.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 29 01:48:44 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 | 4.020  | 16566084 | 130.3E6 | 18.760   | 19.273     |
| 28)                         | SA Decachlor... | 8.276 | 9.104  | 17400426 | 125.3E6 | 20.205   | 20.549     |
| Target Compounds            |                 |       |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.936 | 4.411  | 61549501 | 508.9E6 | 43.578   | 45.871     |
| 3)                          | MA gamma-BHC... | 4.221 | 4.696  | 58486292 | 465.1E6 | 43.696   | 45.746     |
| 4)                          | MA Heptachlor   | 4.526 | 5.208  | 56667539 | 468.9E6 | 43.483   | 46.150     |
| 5)                          | MB Aldrin       | 4.777 | 5.514  | 54549939 | 431.3E6 | 43.746   | 46.478     |
| 6)                          | B beta-BHC      | 4.471 | 4.865  | 24501362 | 185.5E6 | 42.363   | 45.488     |
| 7)                          | B delta-BHC     | 4.678 | 5.083  | 54918311 | 419.8E6 | 41.031   | 42.113     |
| 8)                          | B Heptachlo...  | 5.222 | 5.901  | 51152746 | 375.7E6 | 43.652   | 46.470     |
| 9)                          | A Endosulfan I  | 5.563 | 6.259  | 48993002 | 372.7E6 | 44.379   | 46.541     |
| 10)                         | B gamma-Chl...  | 5.450 | 6.135  | 51800727 | 397.3E6 | 44.056   | 46.356     |
| 11)                         | B alpha-Chl...  | 5.509 | 6.208  | 51661891 | 386.1E6 | 44.270   | 45.625     |
| 12)                         | B 4,4'-DDE      | 5.673 | 6.364  | 51674773 | 390.5E6 | 44.296   | 47.156     |
| 13)                         | MA Dieldrin     | 5.808 | 6.517  | 53556827 | 404.9E6 | 44.413   | 46.954     |
| 14)                         | MA Endrin       | 6.066 | 6.735  | 47920102 | 337.7E6 | 44.739   | 47.989     |
| 15)                         | B Endosulfa...  | 6.339 | 6.943  | 42519915 | 341.7E6 | 42.638   | 46.743     |
| 16)                         | A 4,4'-DDD      | 6.190 | 6.855  | 43838239 | 316.5E6 | 45.003   | 47.698     |
| 17)                         | MA 4,4'-DDT     | 6.433 | 7.154  | 43762642 | 321.5E6 | 44.916   | 48.438     |
| 18)                         | B Endrin al...  | 6.508 | 7.066  | 39118714 | 276.6E6 | 44.515   | 45.316     |
| 19)                         | B Endosulfa...  | 6.723 | 7.290  | 35795960 | 325.1E6 | 40.357   | 46.245     |
| 20)                         | A Methoxychlor  | 6.979 | 7.611  | 24456723 | 155.1E6 | 44.809   | 45.188     |
| 21)                         | B Endrin ke...  | 7.217 | 7.762  | 52907804 | 325.2E6 | 45.355   | 44.530     |
| 22)                         | Mirex           | 7.409 | 8.218  | 31021899 | 210.5E6 | 43.040   | 49.185     |
| 24)                         | Chlordane-2     | 0.000 | 5.514f | 0        | 431.3E6 | N.D.     | 1677.174 # |
| 25)                         | Chlordane-3     | 5.450 | 6.135  | 51800727 | 397.3E6 | 544.830  | 375.535 #  |
| 26)                         | Chlordane-4     | 5.509 | 6.208  | 51661891 | 386.1E6 | 641.137  | 313.422 #  |
| 27)                         | Chlordane-5     | 6.339 | 0.000  | 42519915 | 0       | 1157.888 | N.D. #     |
| -----                       |                 |       |        |          |         |          |            |

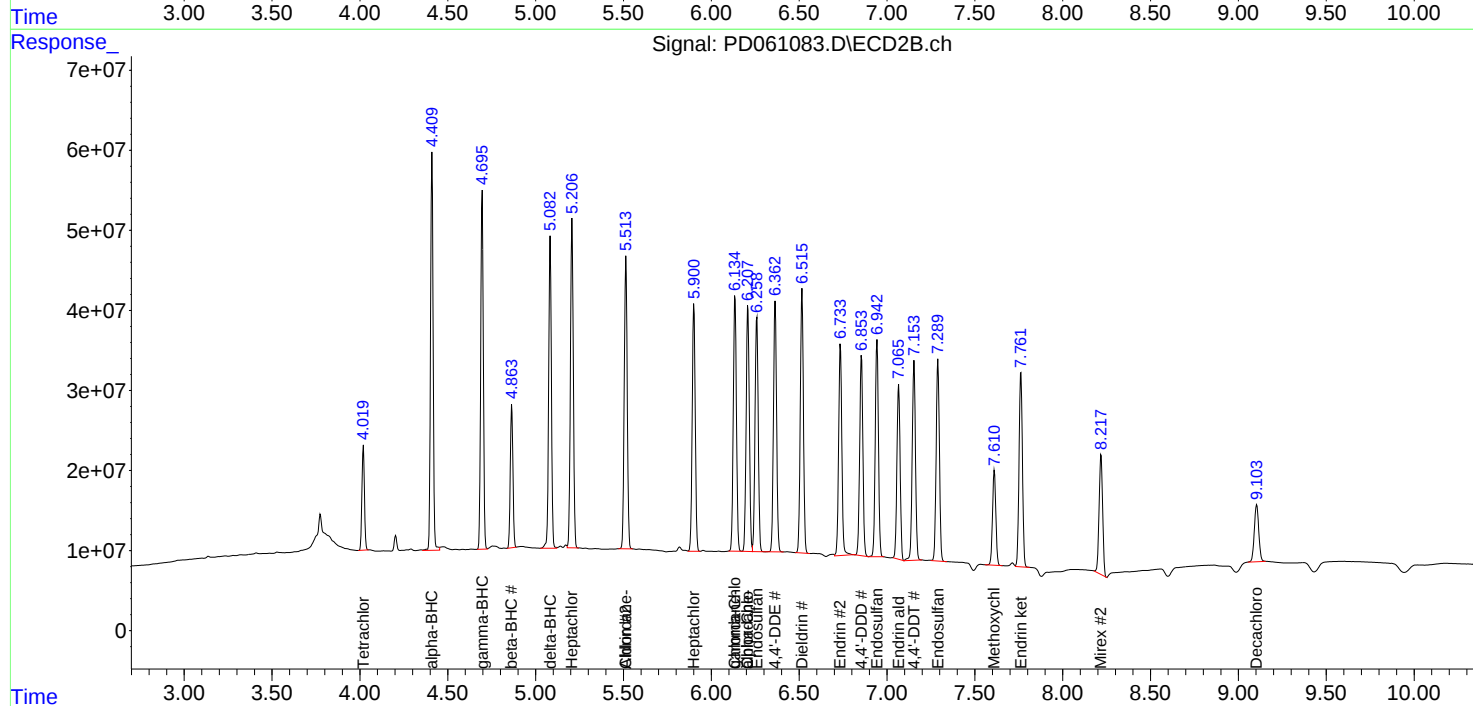
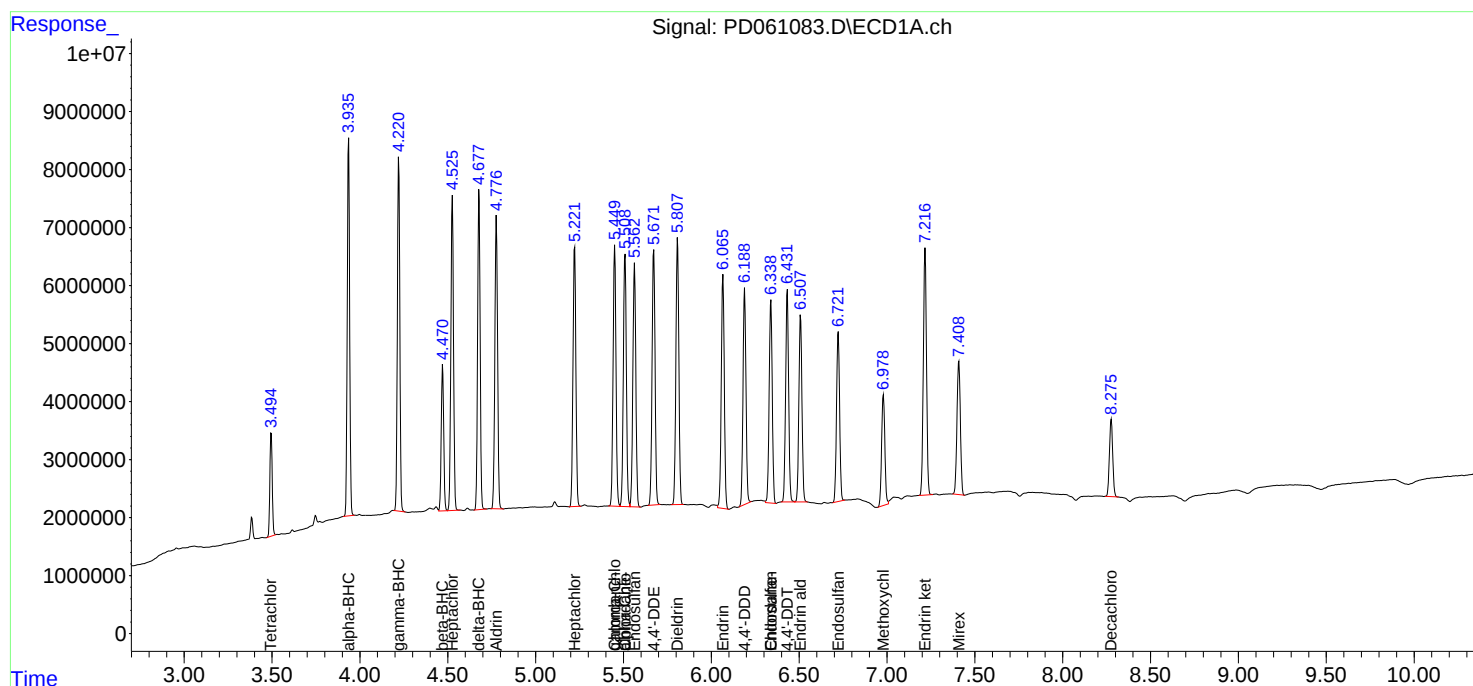
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

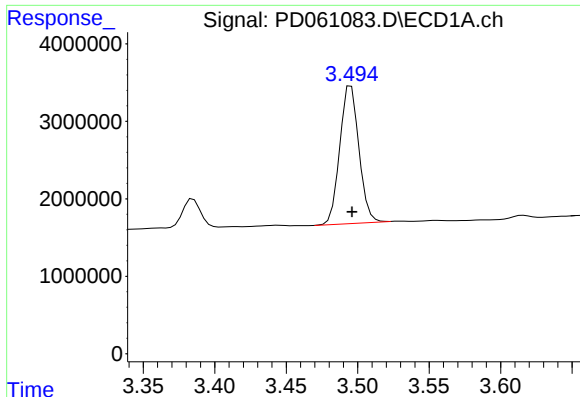
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012921\  
Data File : PD061083.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jan 2021 12:12  
Operator : DD\AJ  
Sample : PB134386BS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 30 00:15:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012821.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 29 01:48:44 2021  
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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

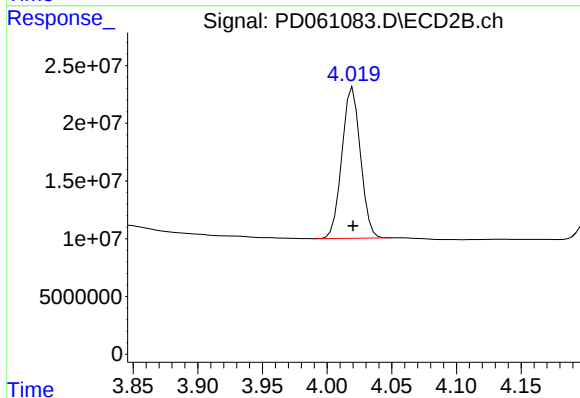




#1 Tetrachloro-m-xylene

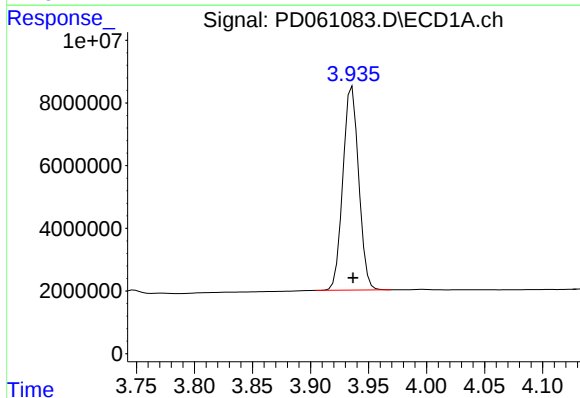
R.T.: 3.495 min  
Delta R.T.: 0.000 min  
Response: 16566084  
Conc: 18.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



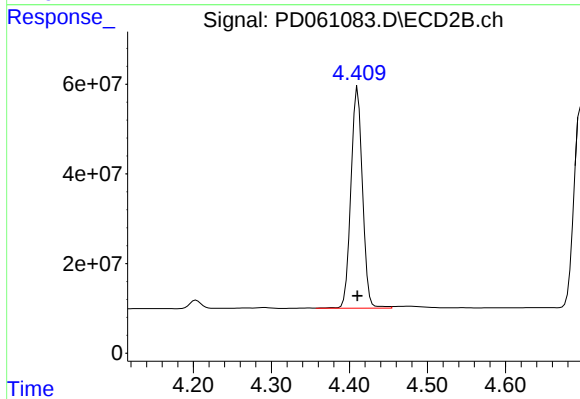
#1 Tetrachloro-m-xylene

R.T.: 4.020 min  
Delta R.T.: 0.000 min  
Response: 130258920  
Conc: 19.27 ng/ml



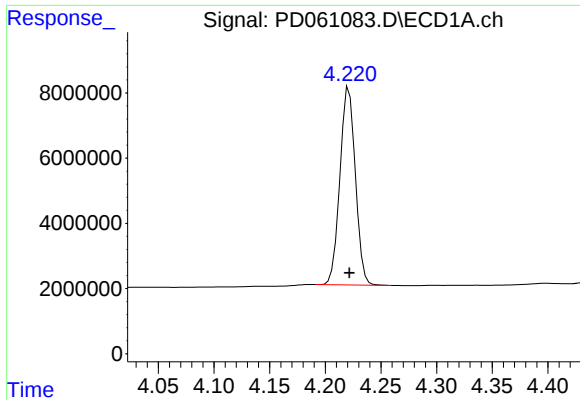
#2 alpha-BHC

R.T.: 3.936 min  
Delta R.T.: 0.000 min  
Response: 61549501  
Conc: 43.58 ng/ml



#2 alpha-BHC

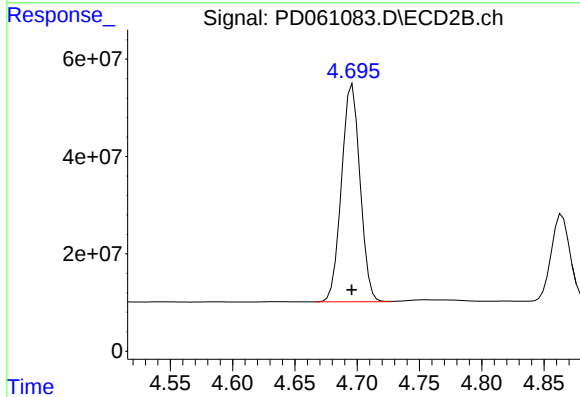
R.T.: 4.411 min  
Delta R.T.: 0.000 min  
Response: 508856953  
Conc: 45.87 ng/ml



#3 gamma-BHC (Lindane)

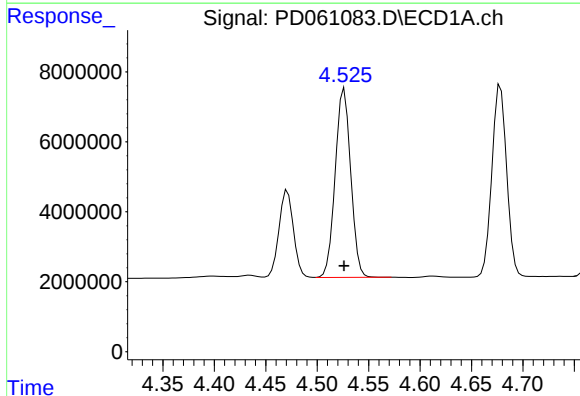
R.T.: 4.221 min  
Delta R.T.: 0.000 min  
Response: 58486292  
Conc: 43.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



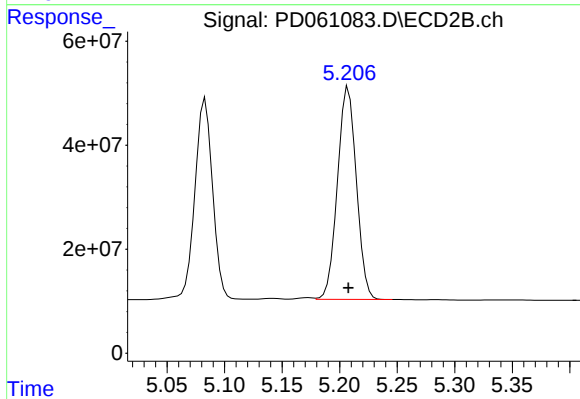
#3 gamma-BHC (Lindane)

R.T.: 4.696 min  
Delta R.T.: 0.000 min  
Response: 465089895  
Conc: 45.75 ng/ml



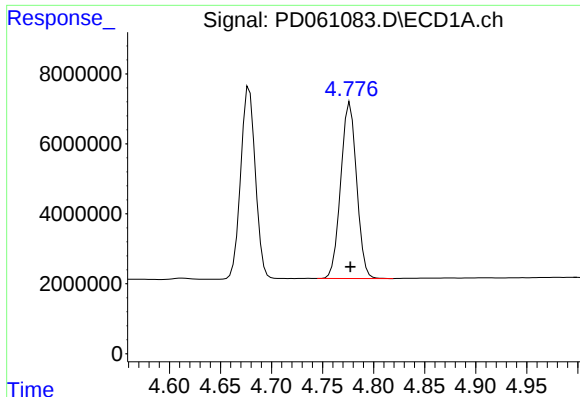
#4 Heptachlor

R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 56667539  
Conc: 43.48 ng/ml



#4 Heptachlor

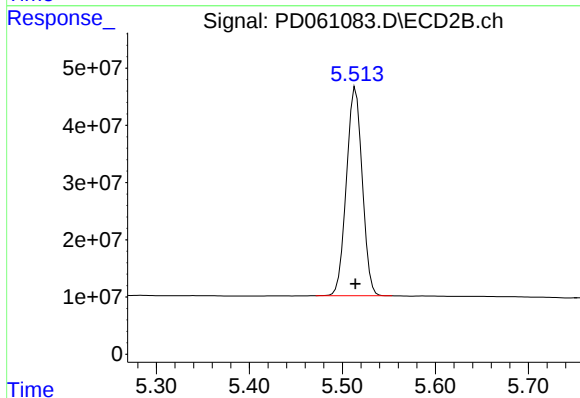
R.T.: 5.208 min  
Delta R.T.: 0.000 min  
Response: 468884454  
Conc: 46.15 ng/ml



#5 Aldrin

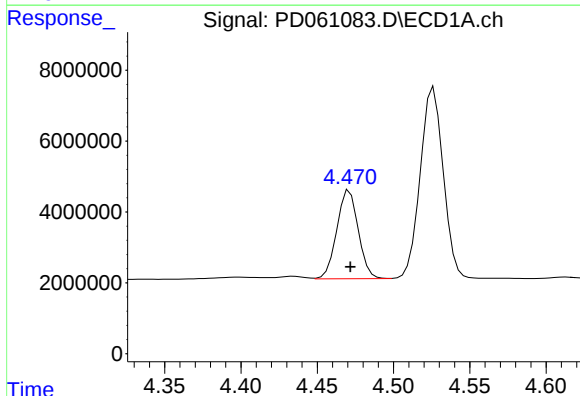
R.T.: 4.777 min  
Delta R.T.: 0.000 min  
Response: 54549939  
Conc: 43.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



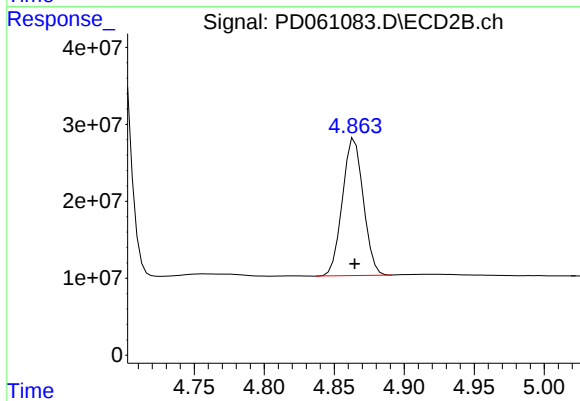
#5 Aldrin

R.T.: 5.514 min  
Delta R.T.: 0.000 min  
Response: 431267648  
Conc: 46.48 ng/ml



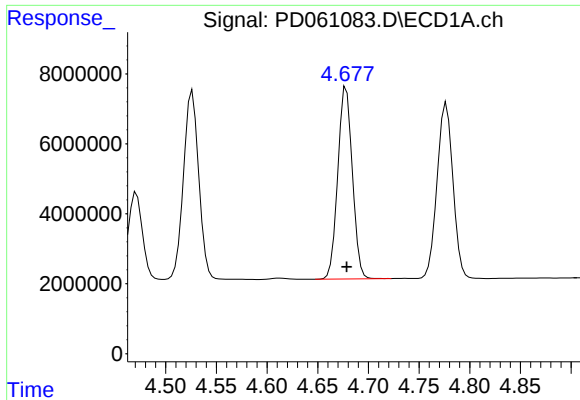
#6 beta-BHC

R.T.: 4.471 min  
Delta R.T.: 0.000 min  
Response: 24501362  
Conc: 42.36 ng/ml



#6 beta-BHC

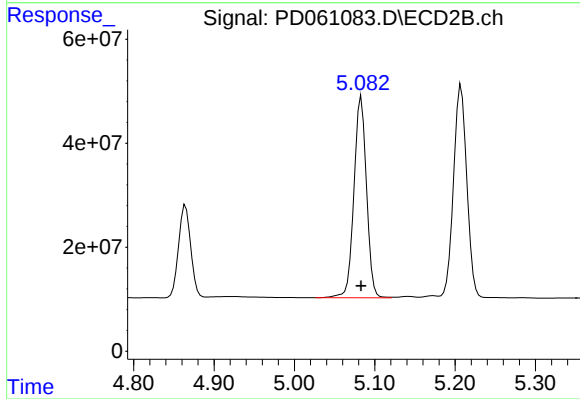
R.T.: 4.865 min  
Delta R.T.: 0.000 min  
Response: 185521279  
Conc: 45.49 ng/ml



#7 delta-BHC

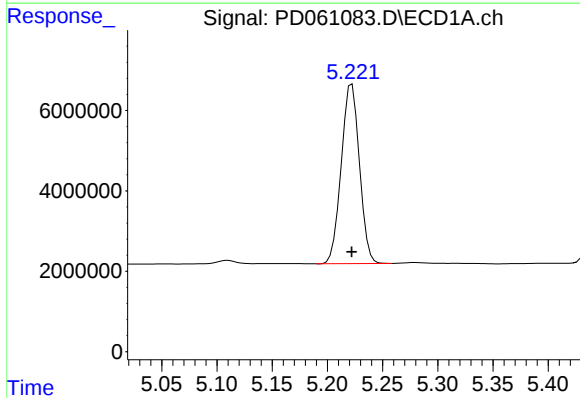
R.T.: 4.678 min  
Delta R.T.: 0.000 min  
Response: 54918311  
Conc: 41.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



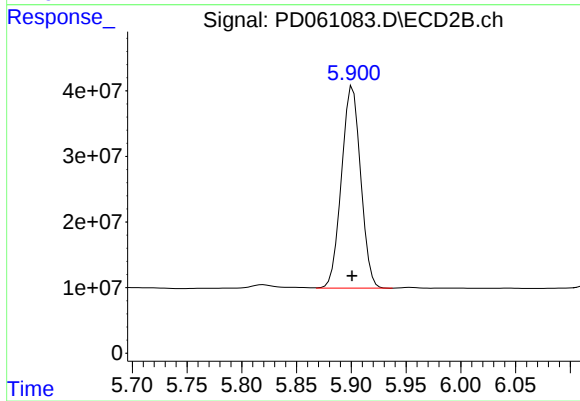
#7 delta-BHC

R.T.: 5.083 min  
Delta R.T.: 0.000 min  
Response: 419780001  
Conc: 42.11 ng/ml



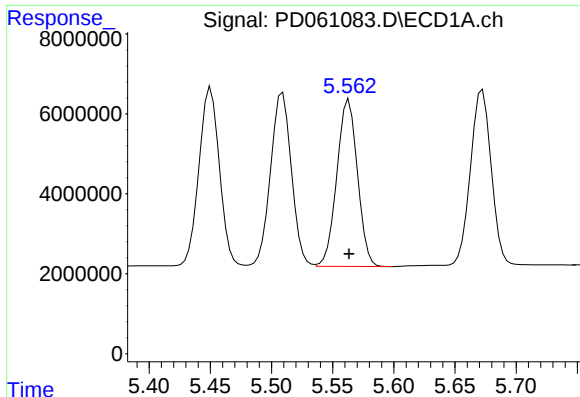
#8 Heptachlor epoxide

R.T.: 5.222 min  
Delta R.T.: 0.000 min  
Response: 51152746  
Conc: 43.65 ng/ml



#8 Heptachlor epoxide

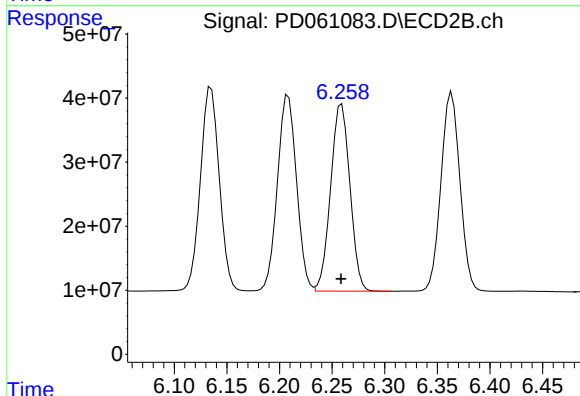
R.T.: 5.901 min  
Delta R.T.: 0.000 min  
Response: 375720907  
Conc: 46.47 ng/ml



#9 Endosulfan I

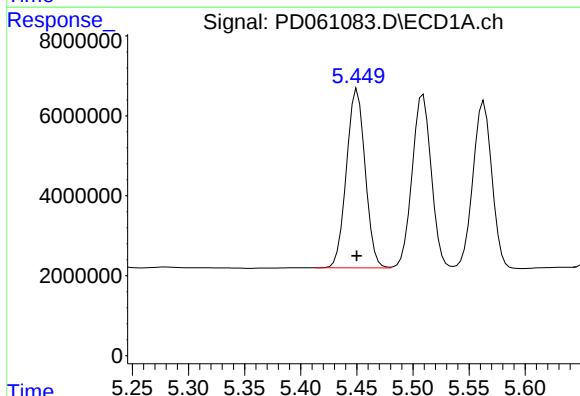
R.T.: 5.563 min  
Delta R.T.: 0.000 min  
Response: 48993002  
Conc: 44.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



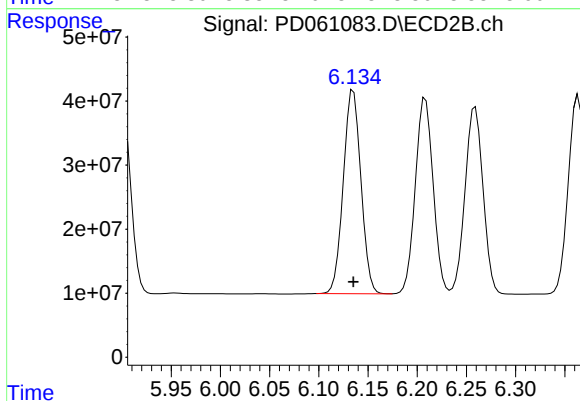
#9 Endosulfan I

R.T.: 6.259 min  
Delta R.T.: 0.000 min  
Response: 372714163  
Conc: 46.54 ng/ml



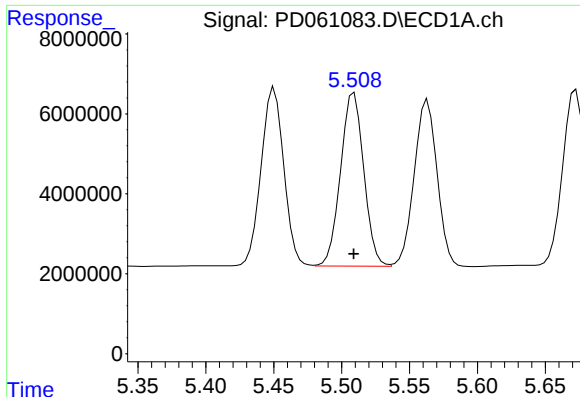
#10 gamma-Chlordane

R.T.: 5.450 min  
Delta R.T.: 0.000 min  
Response: 51800727  
Conc: 44.06 ng/ml



#10 gamma-Chlordane

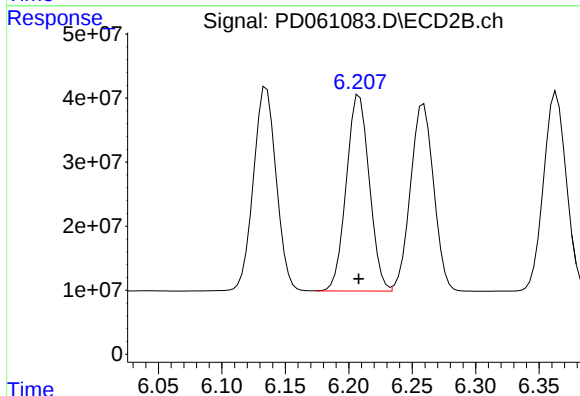
R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 397315531  
Conc: 46.36 ng/ml



#11 alpha-Chlordane

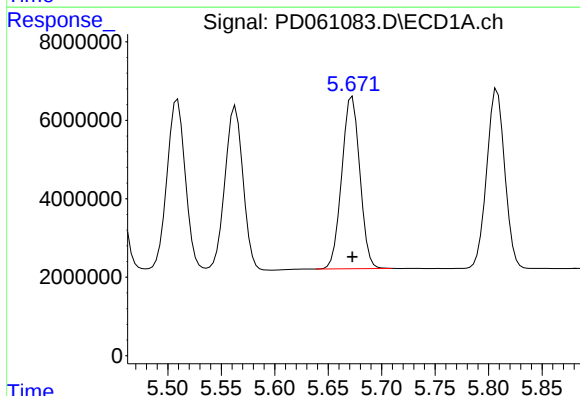
R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 51661891  
Conc: 44.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



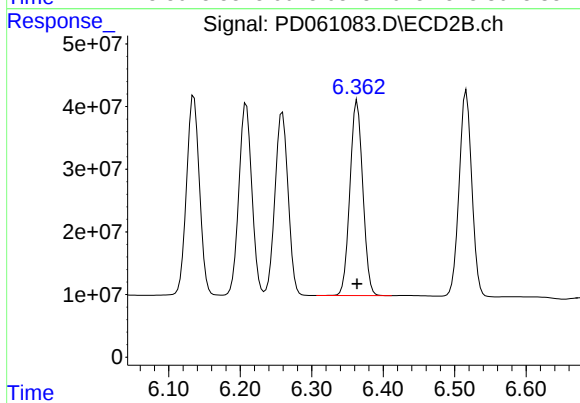
#11 alpha-Chlordane

R.T.: 6.208 min  
Delta R.T.: 0.000 min  
Response: 386119620  
Conc: 45.62 ng/ml



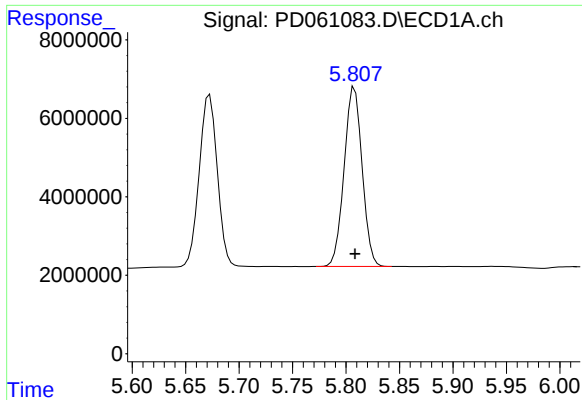
#12 4,4'-DDE

R.T.: 5.673 min  
Delta R.T.: 0.000 min  
Response: 51674773  
Conc: 44.30 ng/ml



#12 4,4'-DDE

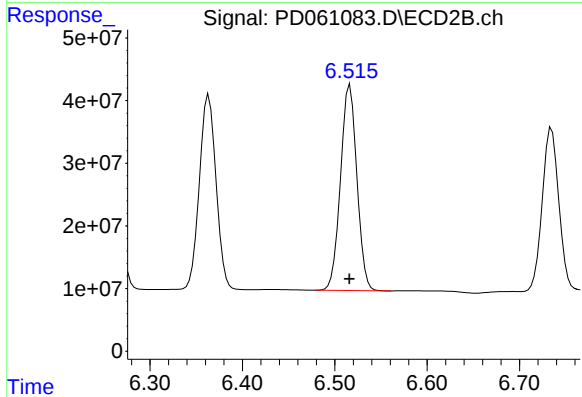
R.T.: 6.364 min  
Delta R.T.: 0.000 min  
Response: 390461017  
Conc: 47.16 ng/ml



#13 Dieldrin

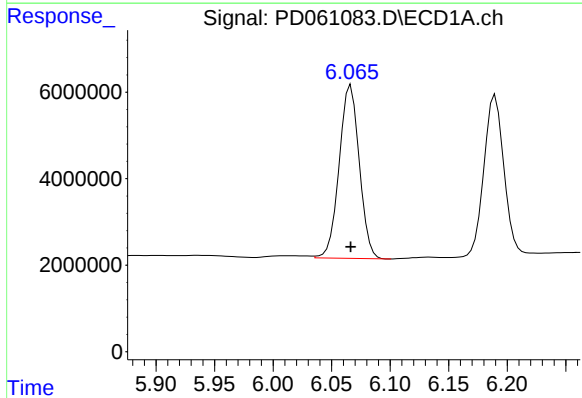
R.T.: 5.808 min  
Delta R.T.: 0.000 min  
Response: 53556827  
Conc: 44.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



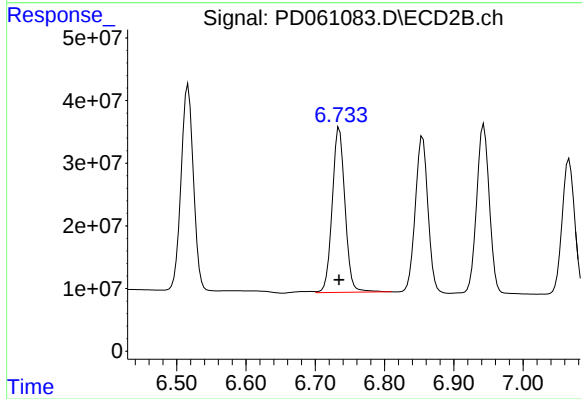
#13 Dieldrin

R.T.: 6.517 min  
Delta R.T.: 0.000 min  
Response: 404893994  
Conc: 46.95 ng/ml



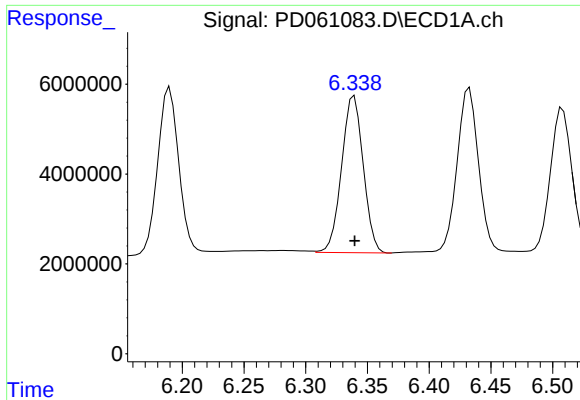
#14 Endrin

R.T.: 6.066 min  
Delta R.T.: 0.000 min  
Response: 47920102  
Conc: 44.74 ng/ml



#14 Endrin

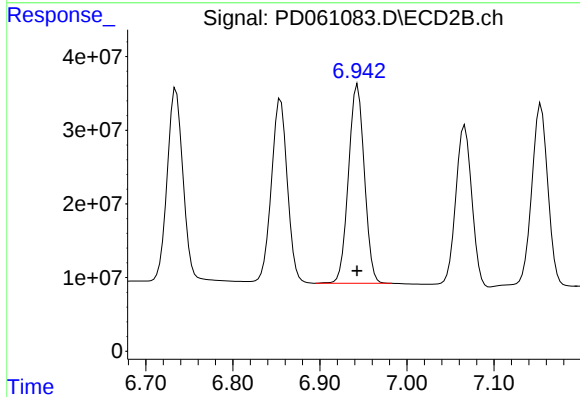
R.T.: 6.735 min  
Delta R.T.: 0.000 min  
Response: 337698388  
Conc: 47.99 ng/ml



#15 Endosulfan II

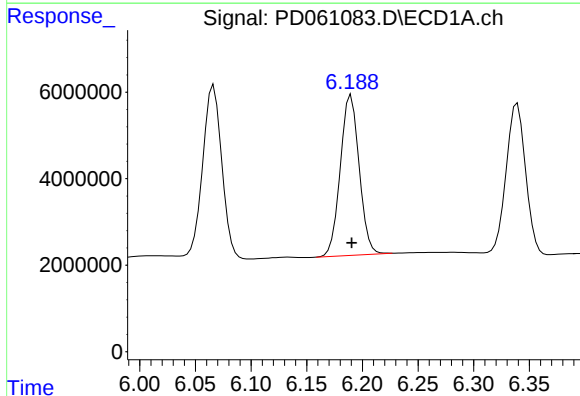
R.T.: 6.339 min  
Delta R.T.: 0.000 min  
Response: 42519915  
Conc: 42.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



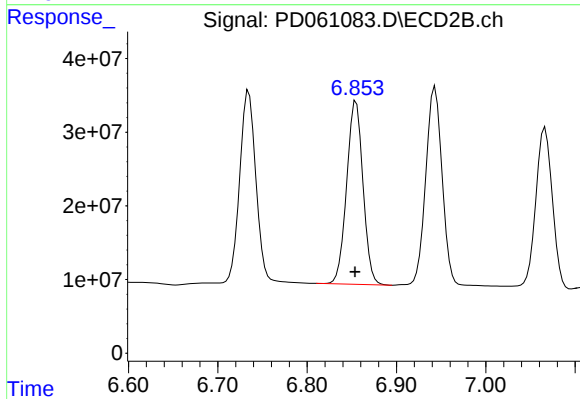
#15 Endosulfan II

R.T.: 6.943 min  
Delta R.T.: 0.000 min  
Response: 341661864  
Conc: 46.74 ng/ml



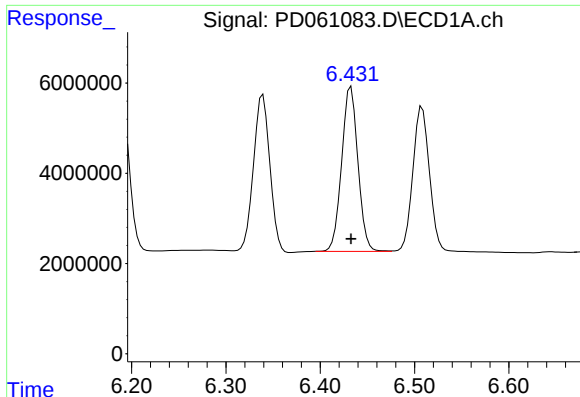
#16 4,4'-DDD

R.T.: 6.190 min  
Delta R.T.: 0.000 min  
Response: 43838239  
Conc: 45.00 ng/ml



#16 4,4'-DDD

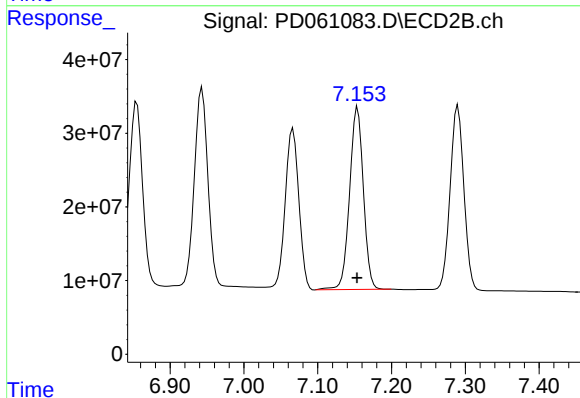
R.T.: 6.855 min  
Delta R.T.: 0.001 min  
Response: 316478198  
Conc: 47.70 ng/ml



#17 4,4'-DDT

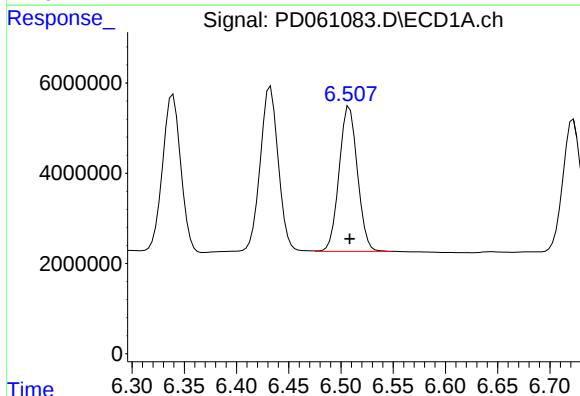
R.T.: 6.433 min  
Delta R.T.: 0.000 min  
Response: 43762642  
Conc: 44.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



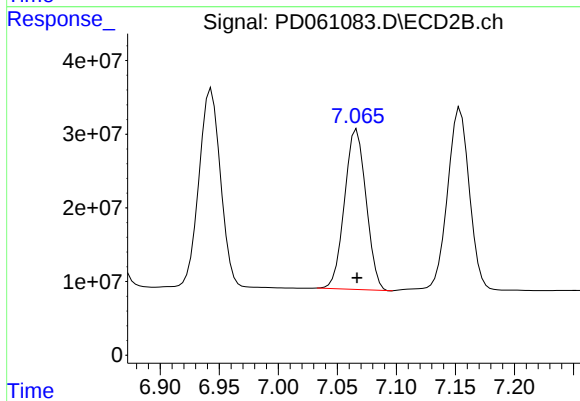
#17 4,4'-DDT

R.T.: 7.154 min  
Delta R.T.: 0.000 min  
Response: 321492597  
Conc: 48.44 ng/ml



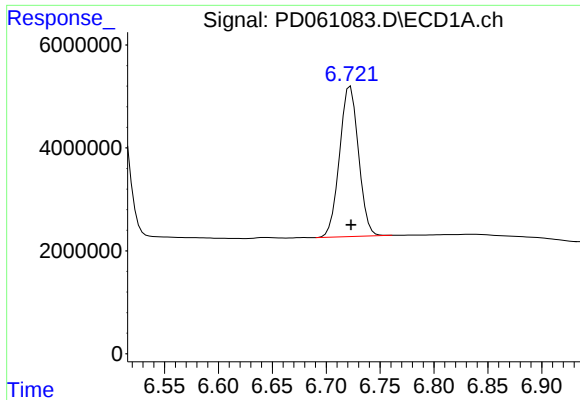
#18 Endrin aldehyde

R.T.: 6.508 min  
Delta R.T.: 0.000 min  
Response: 39118714  
Conc: 44.52 ng/ml



#18 Endrin aldehyde

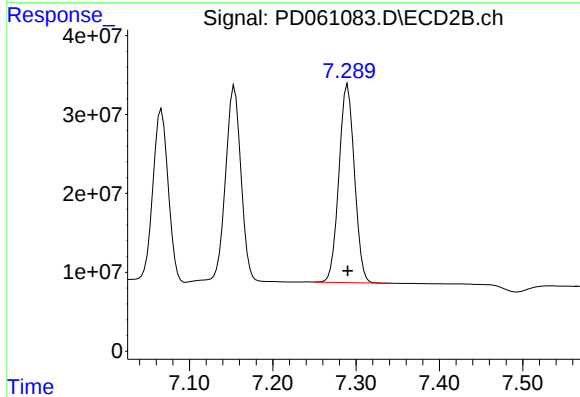
R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 276584711  
Conc: 45.32 ng/ml



#19 Endosulfan Sulfate

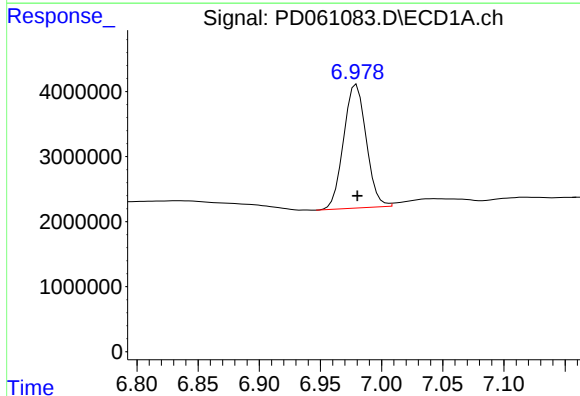
R.T.: 6.723 min  
Delta R.T.: 0.000 min  
Response: 35795960  
Conc: 40.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



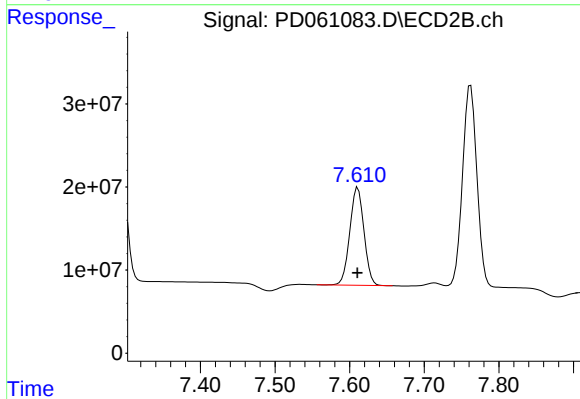
#19 Endosulfan Sulfate

R.T.: 7.290 min  
Delta R.T.: 0.000 min  
Response: 325140753  
Conc: 46.24 ng/ml



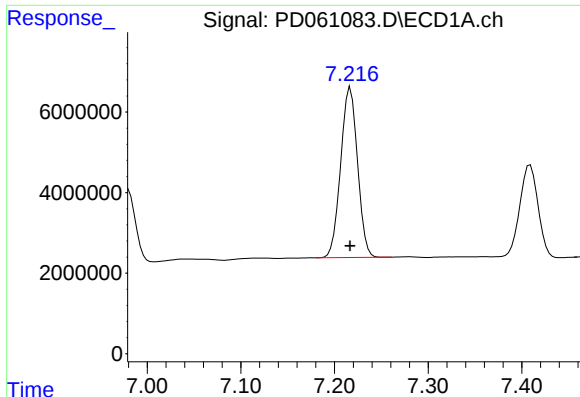
#20 Methoxychlor

R.T.: 6.979 min  
Delta R.T.: 0.000 min  
Response: 24456723  
Conc: 44.81 ng/ml



#20 Methoxychlor

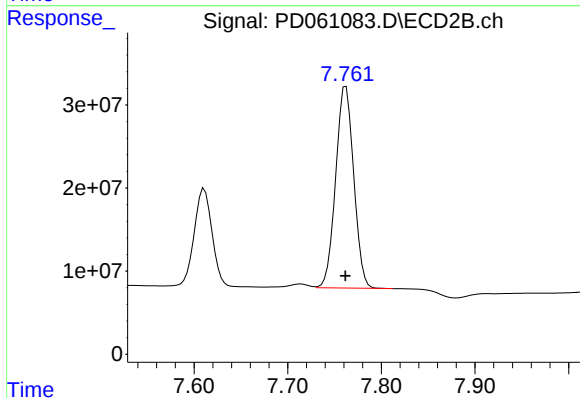
R.T.: 7.611 min  
Delta R.T.: 0.000 min  
Response: 155085358  
Conc: 45.19 ng/ml



#21 Endrin ketone

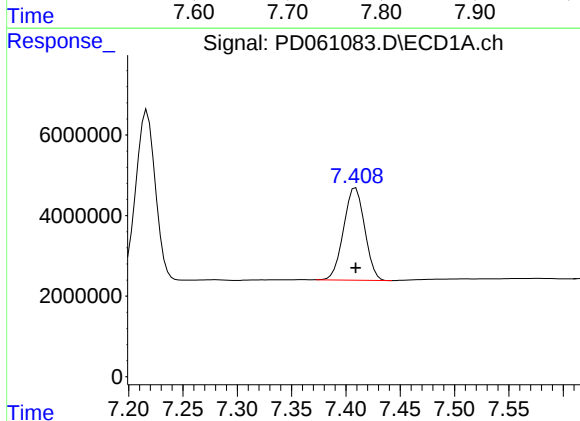
R.T.: 7.217 min  
Delta R.T.: 0.000 min  
Response: 52907804  
Conc: 45.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



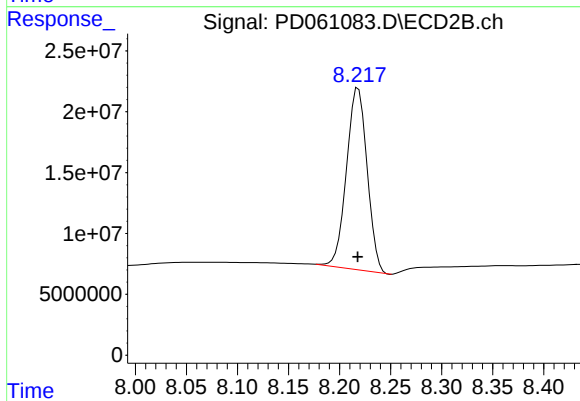
#21 Endrin ketone

R.T.: 7.762 min  
Delta R.T.: 0.000 min  
Response: 325205283  
Conc: 44.53 ng/ml



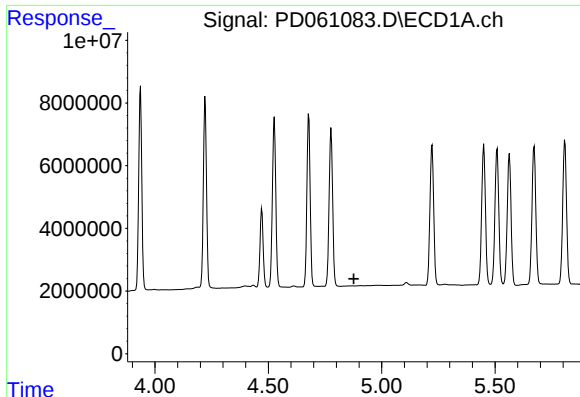
#22 Mirex

R.T.: 7.409 min  
Delta R.T.: 0.000 min  
Response: 31021899  
Conc: 43.04 ng/ml



#22 Mirex

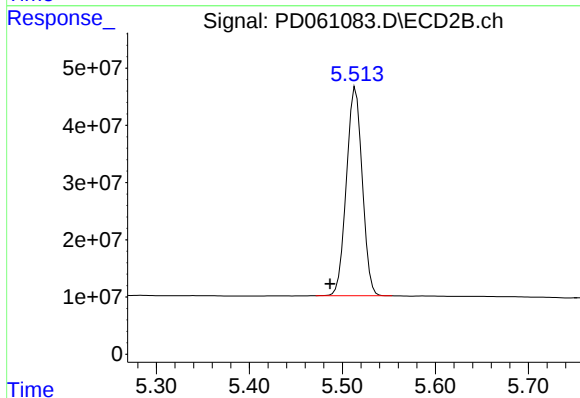
R.T.: 8.218 min  
Delta R.T.: 0.000 min  
Response: 210539302  
Conc: 49.18 ng/ml



#24 Chlordane-2

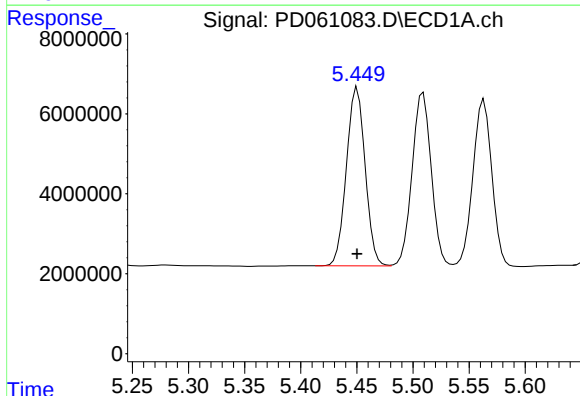
R.T.: 0.000 min  
Exp R.T.: 4.877 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



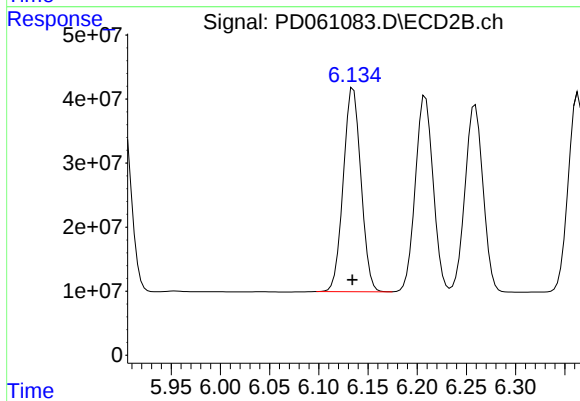
#24 Chlordane-2

R.T.: 5.514 min  
Delta R.T.: 0.028 min  
Response: 431267648  
Conc: 1677.17 ng/ml



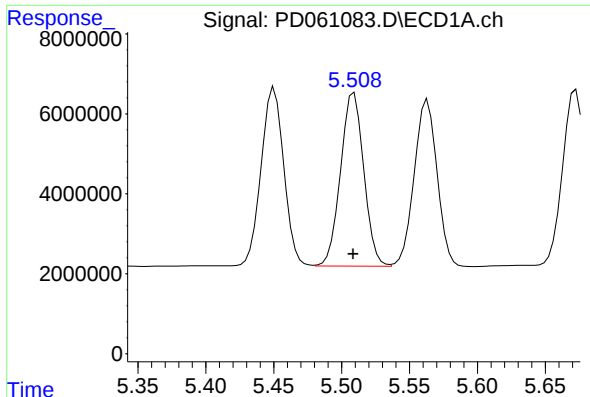
#25 Chlordane-3

R.T.: 5.450 min  
Delta R.T.: 0.000 min  
Response: 51800727  
Conc: 544.83 ng/ml



#25 Chlordane-3

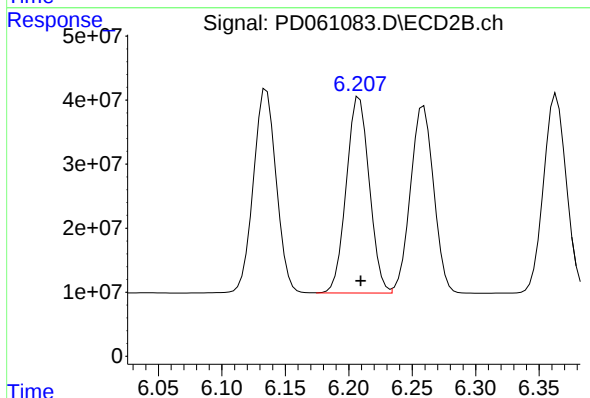
R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 397315531  
Conc: 375.54 ng/ml



#26 Chlordane-4

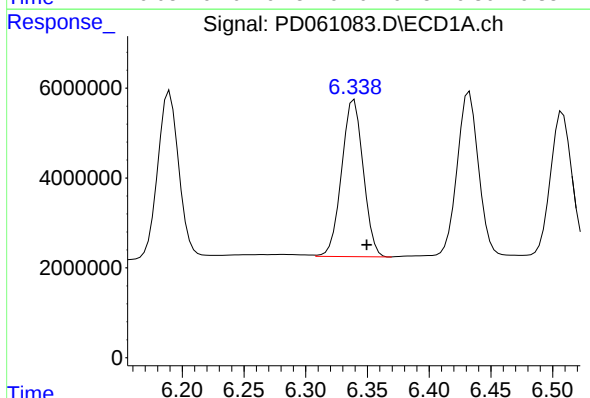
R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 51661891  
Conc: 641.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



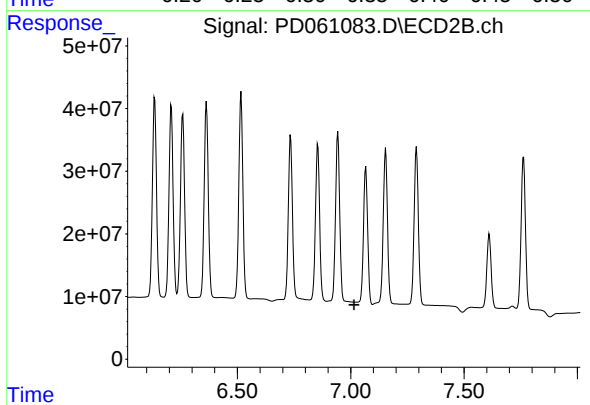
#26 Chlordane-4

R.T.: 6.208 min  
Delta R.T.: 0.000 min  
Response: 386119620  
Conc: 313.42 ng/ml



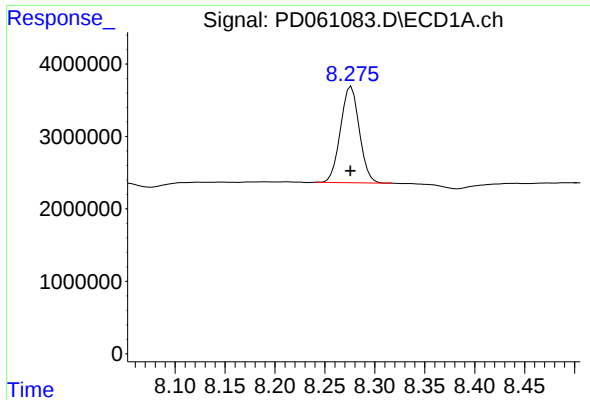
#27 Chlordane-5

R.T.: 6.339 min  
Delta R.T.: -0.010 min  
Response: 42519915  
Conc: 1157.89 ng/ml



#27 Chlordane-5

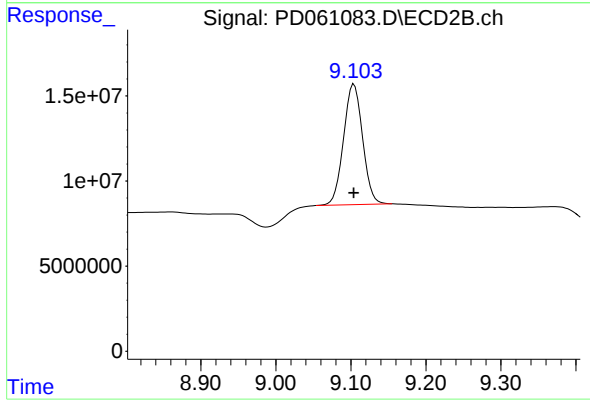
R.T.: 0.000 min  
Exp R.T. : 7.015 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.276 min  
Delta R.T.: 0.000 min  
Response: 17400426  
Conc: 20.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.104 min  
Delta R.T.: 0.000 min  
Response: 125312243  
Conc: 20.55 ng/ml