

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111323\  
 Data File : PD079604.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Nov 2023 14:43  
 Operator : AR\AJ  
 Sample : 05311-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 09 20:08:35 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 20 04:44:01 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.569  | 2.803 | 26964022 | 42862200 | 16.700   | 18.513     |
| 28)                         | SA Decachlor... | 9.117  | 7.949 | 30985532 | 43797408 | 15.446   | 17.968     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.026  | 3.306 | 123.1E6  | 179.7E6  | 46.238   | 51.834     |
| 3)                          | MA gamma-BHC... | 4.359  | 3.636 | 120.5E6  | 176.3E6  | 46.371   | 51.906     |
| 4)                          | MA Heptachlor   | 4.952  | 3.978 | 118.6E6  | 165.6E6  | 44.346   | 54.209     |
| 5)                          | MB Aldrin       | 5.296  | 4.259 | 118.2E6  | 174.4E6  | 45.858   | 53.322     |
| 6)                          | B beta-BHC      | 4.552  | 3.931 | 49844796 | 72253249 | 46.515   | 51.276     |
| 7)                          | B delta-BHC     | 4.802  | 4.162 | 117.1E6  | 177.3E6  | 43.729   | 52.948     |
| 8)                          | B Heptachlo...  | 5.722  | 4.761 | 105.8E6  | 156.1E6  | 45.145   | 52.637     |
| 9)                          | A Endosulfan I  | 6.109  | 5.132 | 103.9E6  | 132.6E6  | 47.905   | 50.074     |
| 10)                         | B gamma-Chl...  | 5.978  | 5.011 | 106.5E6  | 142.3E6  | 46.448   | 49.596     |
| 11)                         | B alpha-Chl...  | 6.058  | 5.075 | 104.5E6  | 148.5E6  | 45.812   | 51.742     |
| 12)                         | B 4,4'-DDE      | 6.228  | 5.265 | 86930076 | 145.1E6  | 41.139   | 54.509 #   |
| 13)                         | MA Dieldrin     | 6.385  | 5.396 | 106.6E6  | 161.9E6  | 45.772   | 54.526     |
| 14)                         | MA Endrin       | 6.615  | 5.671 | 89545627 | 140.4E6  | 45.977   | 54.853     |
| 15)                         | B Endosulfa...  | 6.832  | 5.963 | 92300646 | 136.0E6  | 45.254   | 54.486     |
| 16)                         | A 4,4'-DDD      | 6.745  | 5.818 | 83176394 | 120.0E6  | 47.315   | 52.521     |
| 17)                         | MA 4,4'-DDT     | 7.061  | 6.070 | 85197876 | 121.8E6  | 44.991   | 53.207     |
| 18)                         | B Endrin al...  | 6.962  | 6.143 | 59774796 | 101.1E6  | 38.707   | 54.383 #   |
| 19)                         | B Endosulfa...  | 7.197  | 6.365 | 89670408 | 126.9E6  | 45.103   | 54.330     |
| 20)                         | A Methoxychlor  | 7.535  | 6.644 | 48014031 | 67780762 | 43.817   | 49.926     |
| 21)                         | B Endrin ke...  | 7.683  | 6.872 | 104.6E6  | 146.7E6  | 47.988   | 52.462     |
| 22)                         | Mirex           | 8.161  | 7.057 | 87533403 | 128.9E6  | 51.714   | 60.348     |
| 23)                         | Chlordane-1     | 4.718f | 3.818 | 258650   | 7376350  | 3.327    | 84.927 #   |
| 24)                         | Chlordane-2     | 5.296f | 4.396 | 118.2E6  | 134364   | 1480.263 | 1.479 #    |
| 25)                         | Chlordane-3     | 5.978  | 5.011 | 106.5E6  | 142.3E6  | 343.518  | 533.539 #  |
| 26)                         | Chlordane-4     | 6.058  | 5.075 | 104.5E6  | 148.5E6  | 281.169  | 605.149 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.963 | 0        | 136.0E6  | N.D.     | 1364.824 # |
| -----                       |                 |        |       |          |          |          |            |

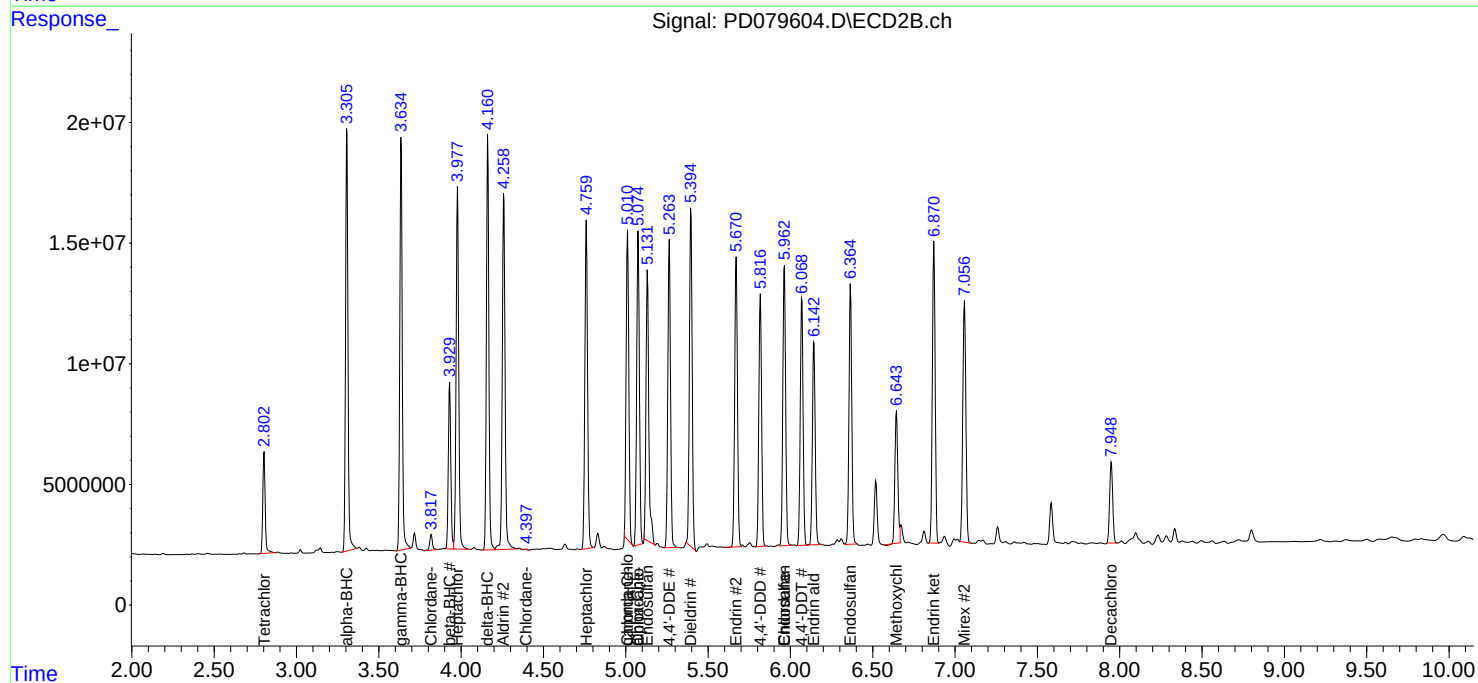
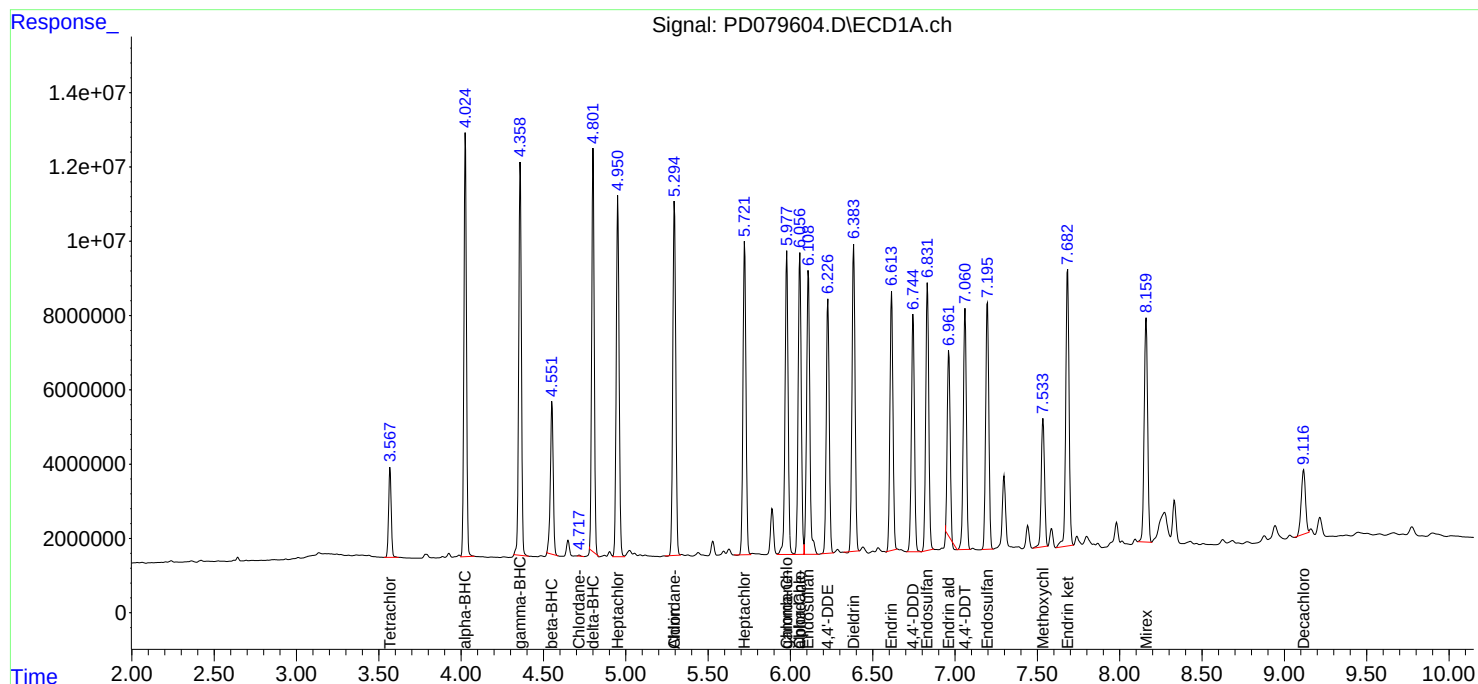
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

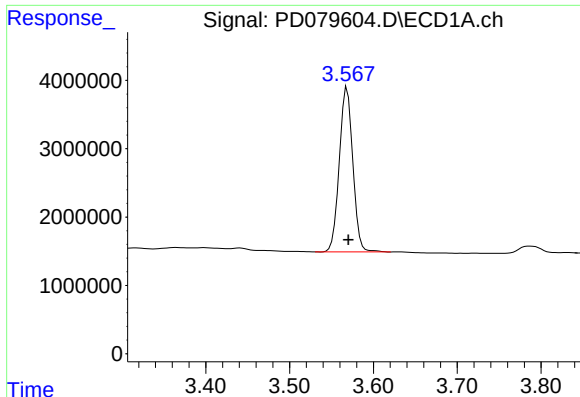
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111323\  
Data File : PD079604.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Nov 2023 14:43  
Operator : AR\AJ  
Sample : 05311-01MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 09 20:08:35 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 20 04:44:01 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

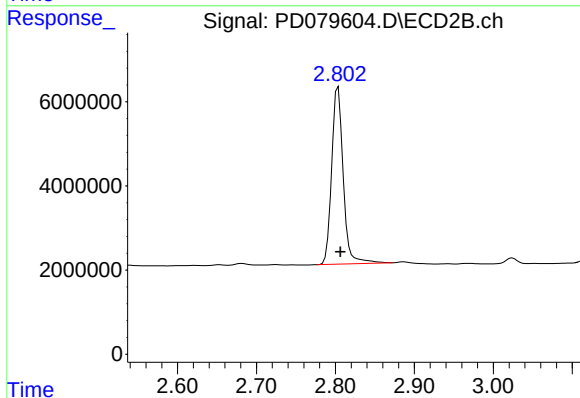




#1 Tetrachloro-m-xylene

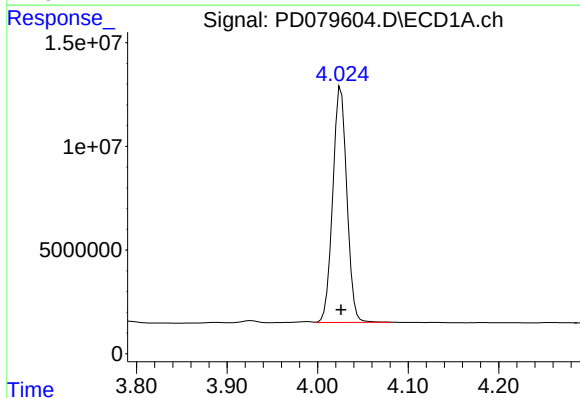
R.T.: 3.569 min  
Delta R.T.: -0.001 min  
Response: 26964022  
Conc: 16.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



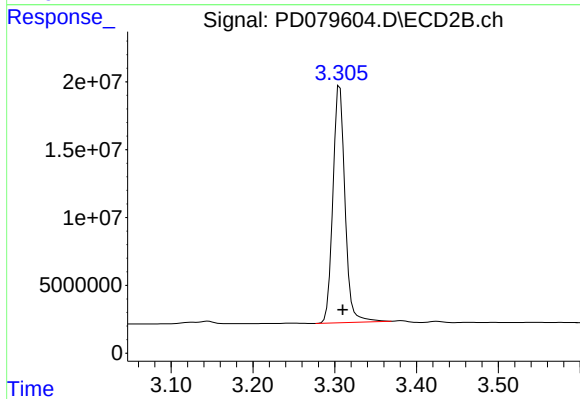
#1 Tetrachloro-m-xylene

R.T.: 2.803 min  
Delta R.T.: -0.003 min  
Response: 42862200  
Conc: 18.51 ng/ml



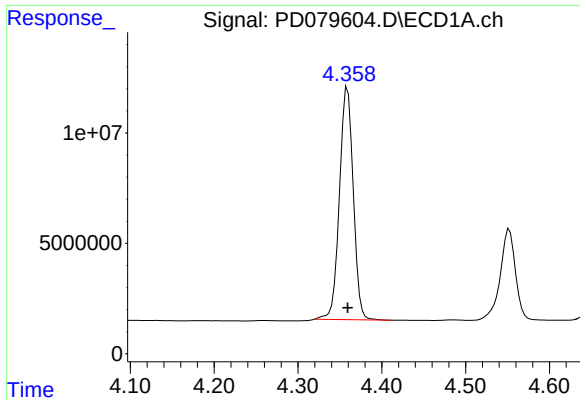
#2 alpha-BHC

R.T.: 4.026 min  
Delta R.T.: 0.000 min  
Response: 123088912  
Conc: 46.24 ng/ml



#2 alpha-BHC

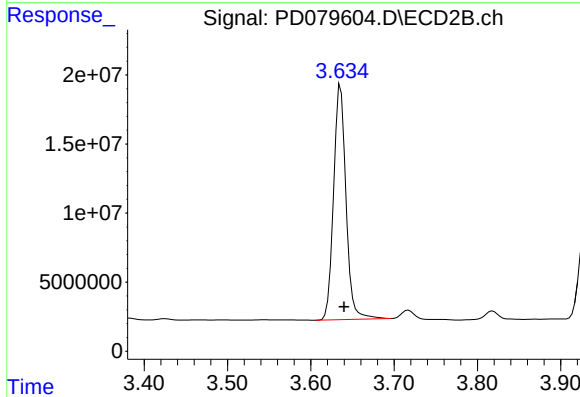
R.T.: 3.306 min  
Delta R.T.: -0.004 min  
Response: 179732452  
Conc: 51.83 ng/ml



#3 gamma-BHC (Lindane)

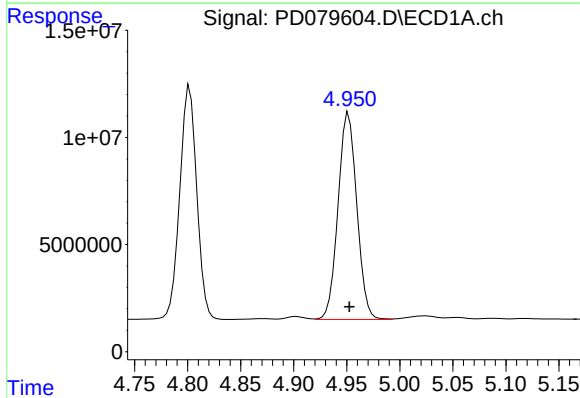
R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 120509312  
Conc: 46.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



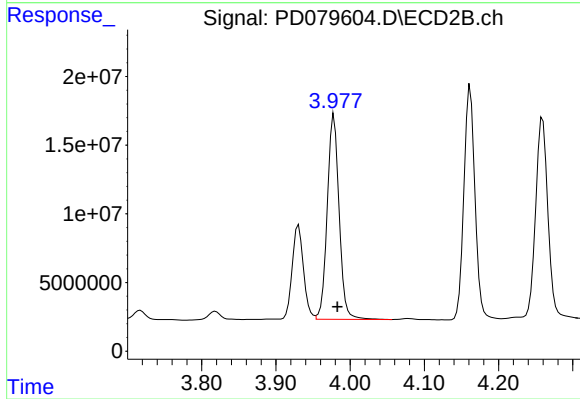
#3 gamma-BHC (Lindane)

R.T.: 3.636 min  
Delta R.T.: -0.004 min  
Response: 176261280  
Conc: 51.91 ng/ml



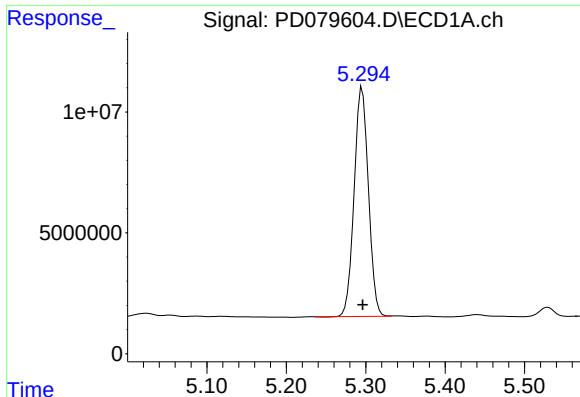
#4 Heptachlor

R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 118622785  
Conc: 44.35 ng/ml



#4 Heptachlor

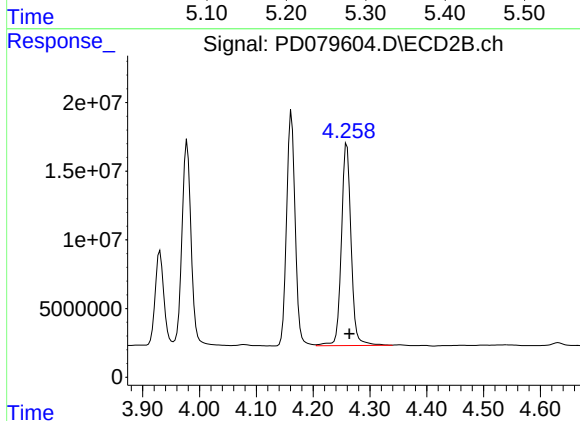
R.T.: 3.978 min  
Delta R.T.: -0.004 min  
Response: 165559786  
Conc: 54.21 ng/ml



#5 Aldrin

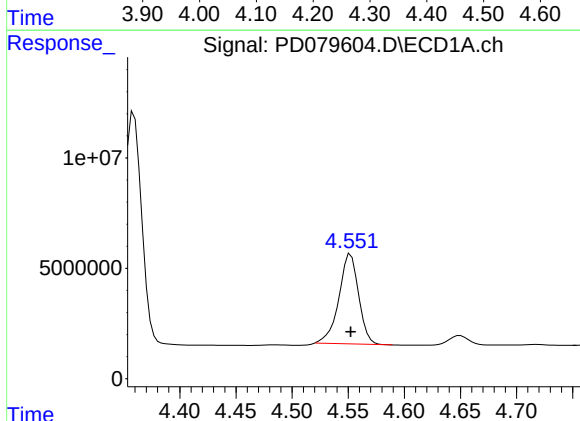
R.T.: 5.296 min  
Delta R.T.: 0.000 min  
Response: 118166349  
Conc: 45.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



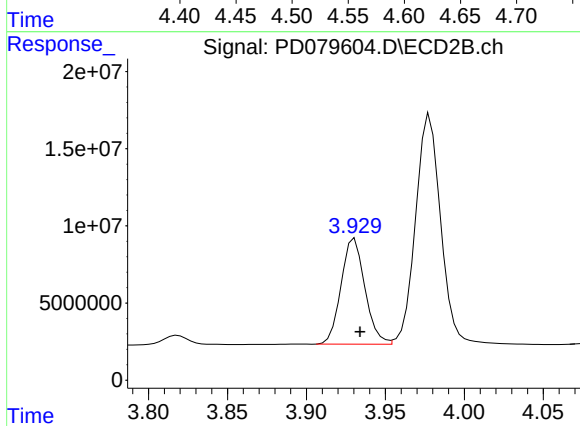
#5 Aldrin

R.T.: 4.259 min  
Delta R.T.: -0.005 min  
Response: 174433097  
Conc: 53.32 ng/ml



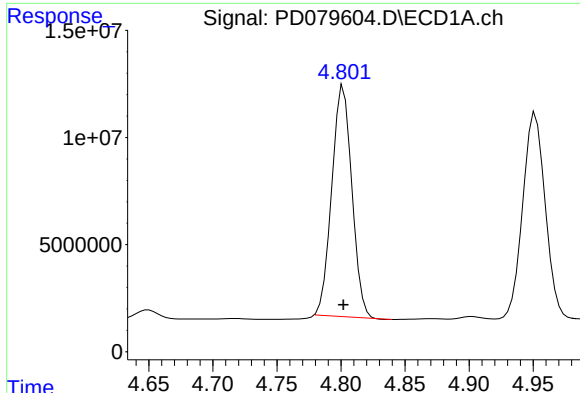
#6 beta-BHC

R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 49844796  
Conc: 46.51 ng/ml



#6 beta-BHC

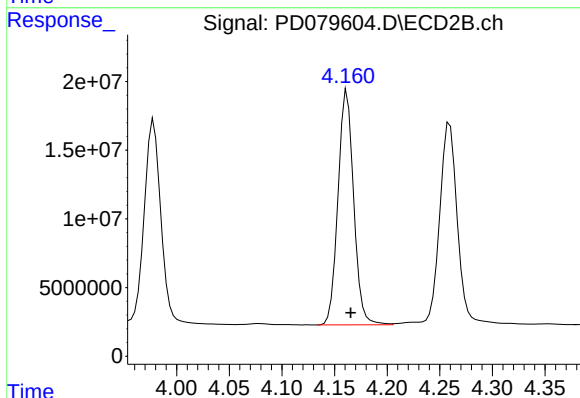
R.T.: 3.931 min  
Delta R.T.: -0.003 min  
Response: 72253249  
Conc: 51.28 ng/ml



#7 delta-BHC

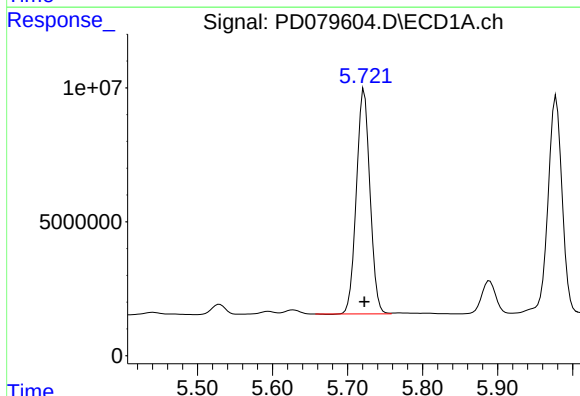
R.T.: 4.802 min  
Delta R.T.: 0.000 min  
Response: 117064501  
Conc: 43.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



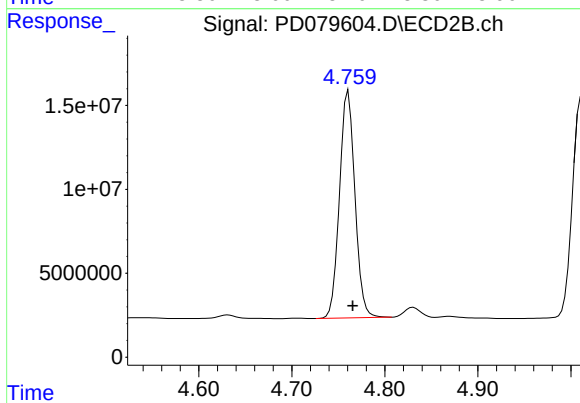
#7 delta-BHC

R.T.: 4.162 min  
Delta R.T.: -0.003 min  
Response: 177282070  
Conc: 52.95 ng/ml



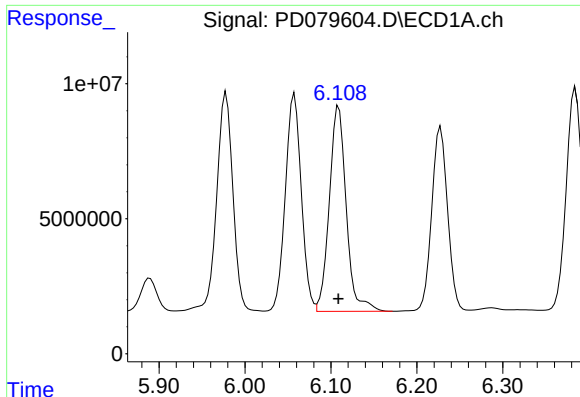
#8 Heptachlor epoxide

R.T.: 5.722 min  
Delta R.T.: 0.000 min  
Response: 105804939  
Conc: 45.14 ng/ml



#8 Heptachlor epoxide

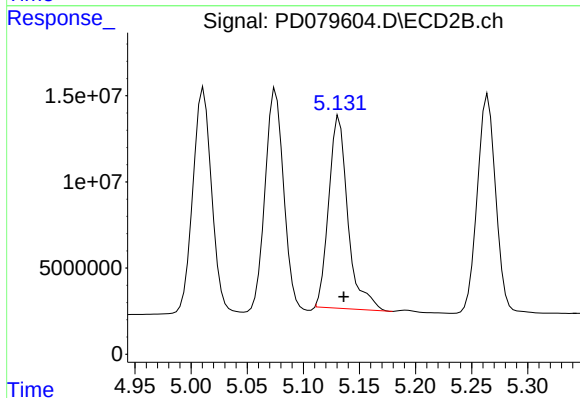
R.T.: 4.761 min  
Delta R.T.: -0.005 min  
Response: 156053133  
Conc: 52.64 ng/ml



#9 Endosulfan I

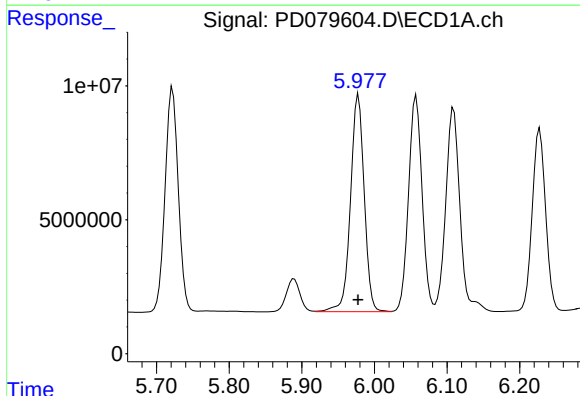
R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 103854381  
Conc: 47.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



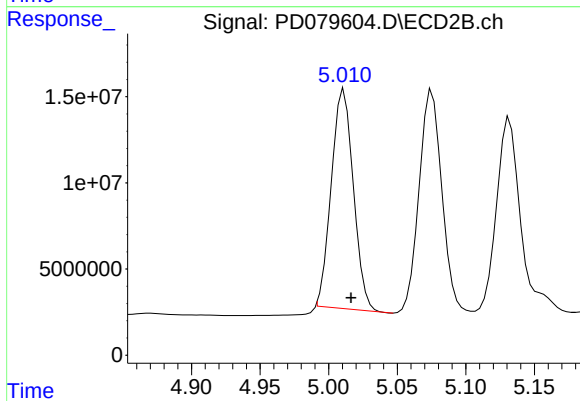
#9 Endosulfan I

R.T.: 5.132 min  
Delta R.T.: -0.004 min  
Response: 132579807  
Conc: 50.07 ng/ml



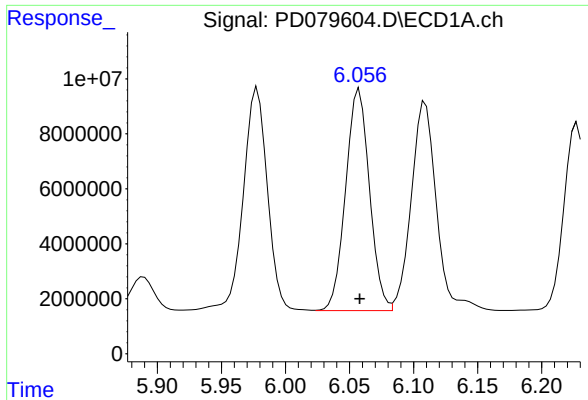
#10 gamma-Chlordane

R.T.: 5.978 min  
Delta R.T.: 0.000 min  
Response: 106492337  
Conc: 46.45 ng/ml



#10 gamma-Chlordane

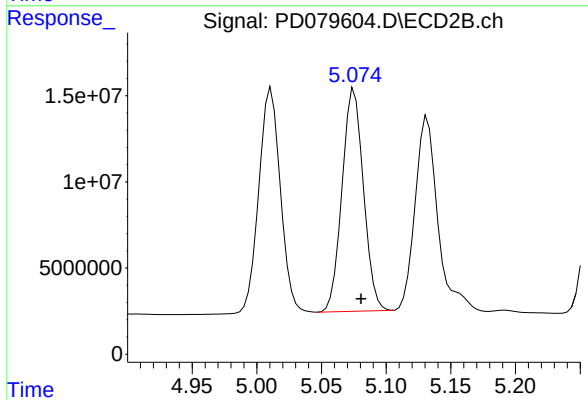
R.T.: 5.011 min  
Delta R.T.: -0.005 min  
Response: 142311832  
Conc: 49.60 ng/ml



#11 alpha-Chlordane

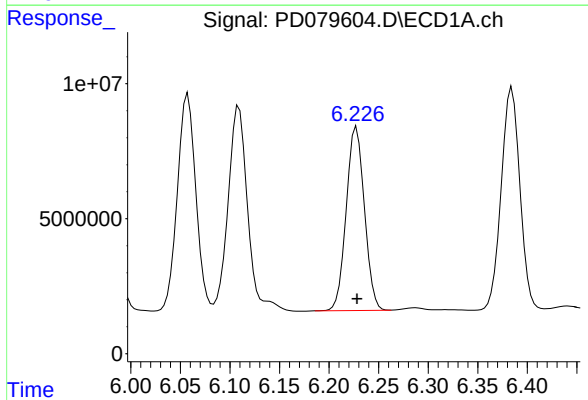
R.T.: 6.058 min  
Delta R.T.: 0.000 min  
Response: 104461271  
Conc: 45.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



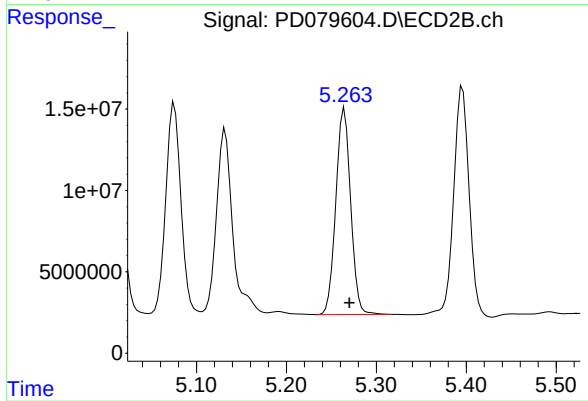
#11 alpha-Chlordane

R.T.: 5.075 min  
Delta R.T.: -0.005 min  
Response: 148490899  
Conc: 51.74 ng/ml



#12 4,4'-DDE

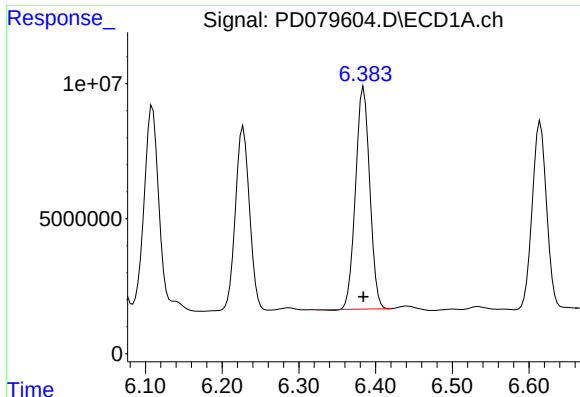
R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 86930076  
Conc: 41.14 ng/ml



#12 4,4'-DDE

R.T.: 5.265 min  
Delta R.T.: -0.005 min  
Response: 145124756  
Conc: 54.51 ng/ml

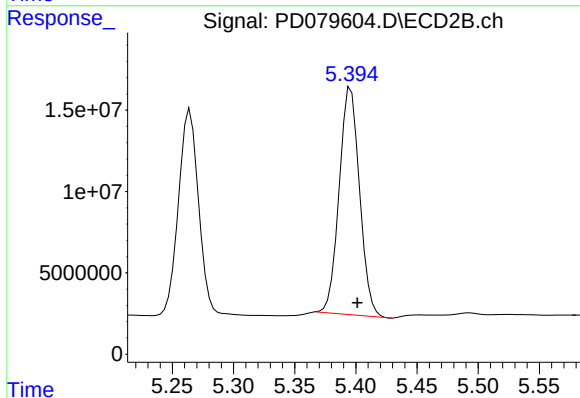




#13 Dieldrin

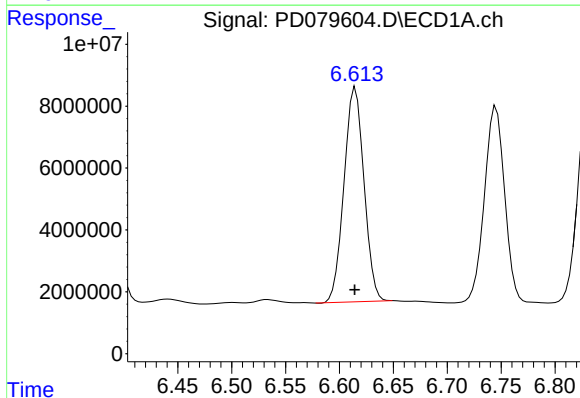
R.T.: 6.385 min  
Delta R.T.: 0.000 min  
Response: 106596798  
Conc: 45.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



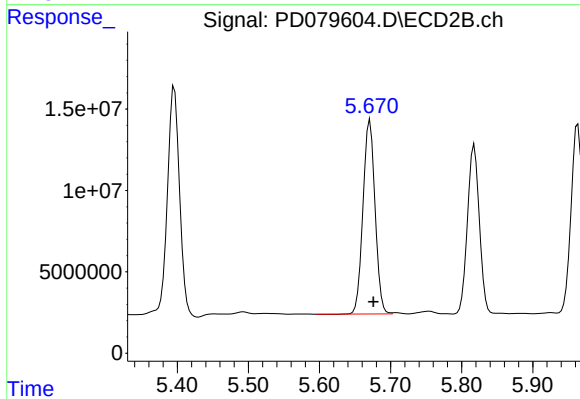
#13 Dieldrin

R.T.: 5.396 min  
Delta R.T.: -0.005 min  
Response: 161937103  
Conc: 54.53 ng/ml



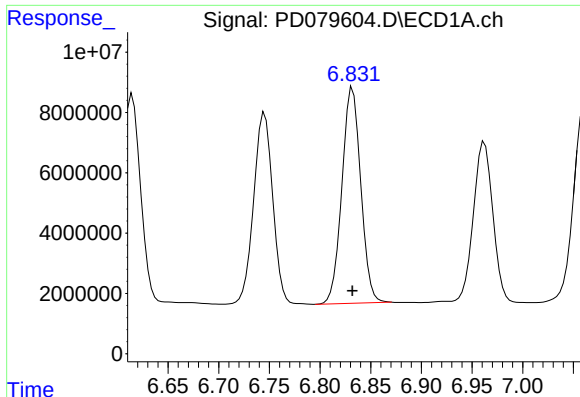
#14 Endrin

R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 89545627  
Conc: 45.98 ng/ml



#14 Endrin

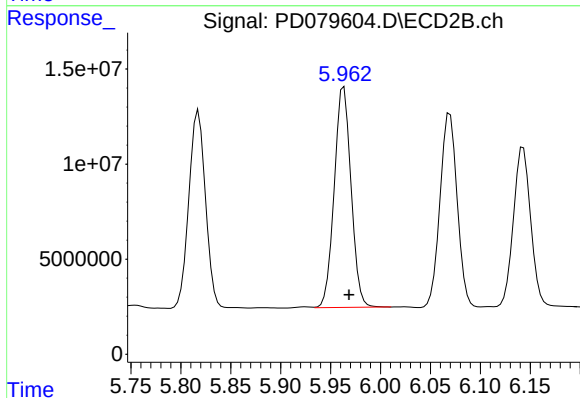
R.T.: 5.671 min  
Delta R.T.: -0.005 min  
Response: 140374983  
Conc: 54.85 ng/ml



#15 Endosulfan II

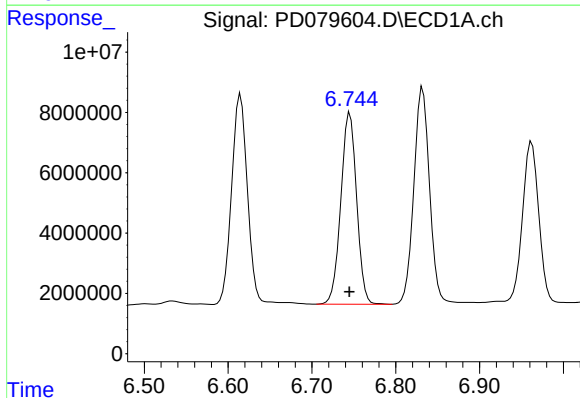
R.T.: 6.832 min  
Delta R.T.: 0.000 min  
Response: 92300646  
Conc: 45.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



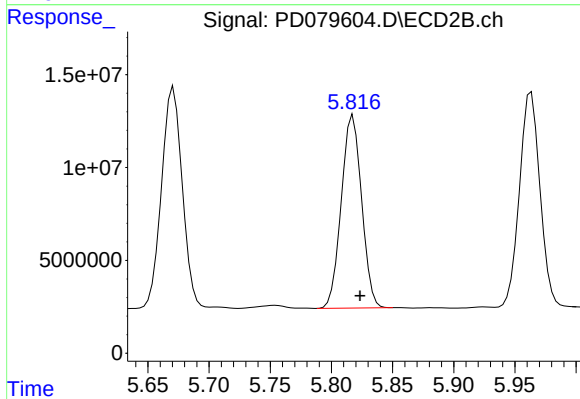
#15 Endosulfan II

R.T.: 5.963 min  
Delta R.T.: -0.005 min  
Response: 136024054  
Conc: 54.49 ng/ml



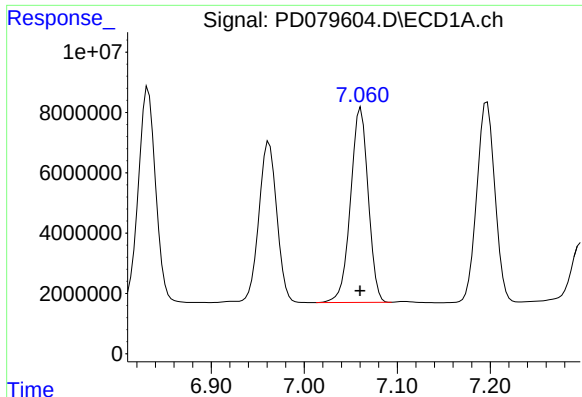
#16 4,4'-DDD

R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 83176394  
Conc: 47.31 ng/ml



#16 4,4'-DDD

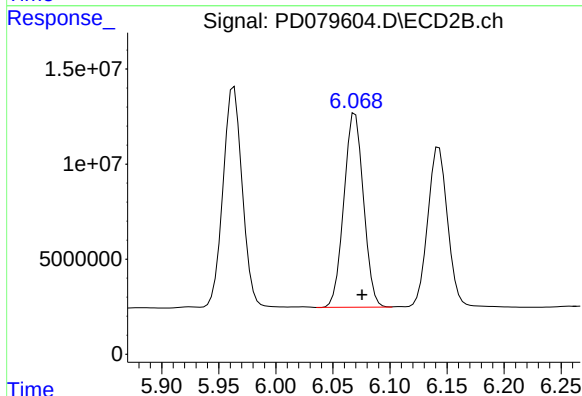
R.T.: 5.818 min  
Delta R.T.: -0.006 min  
Response: 119970999  
Conc: 52.52 ng/ml



#17 4,4'-DDT

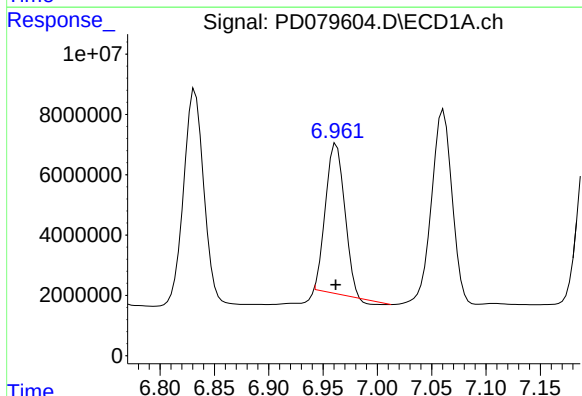
R.T.: 7.061 min  
Delta R.T.: 0.000 min  
Response: 85197876  
Conc: 44.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



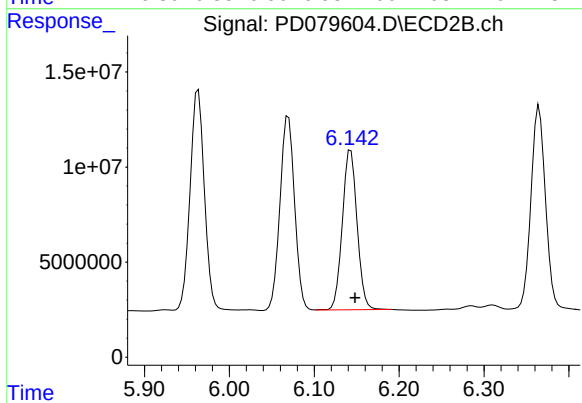
#17 4,4'-DDT

R.T.: 6.070 min  
Delta R.T.: -0.006 min  
Response: 121810591  
Conc: 53.21 ng/ml



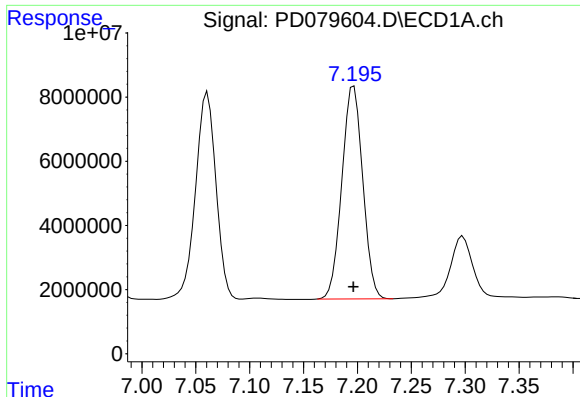
#18 Endrin aldehyde

R.T.: 6.962 min  
Delta R.T.: 0.000 min  
Response: 59774796  
Conc: 38.71 ng/ml



#18 Endrin aldehyde

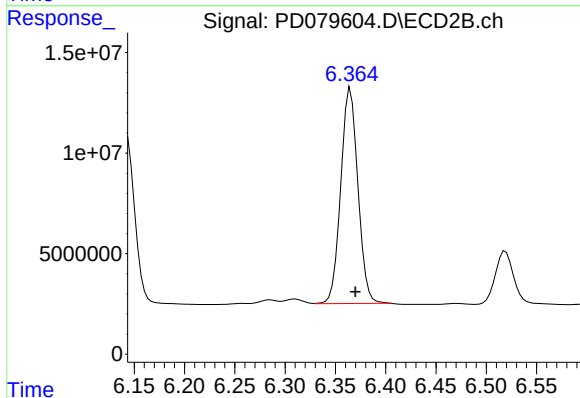
R.T.: 6.143 min  
Delta R.T.: -0.005 min  
Response: 101115381  
Conc: 54.38 ng/ml



#19 Endosulfan Sulfate

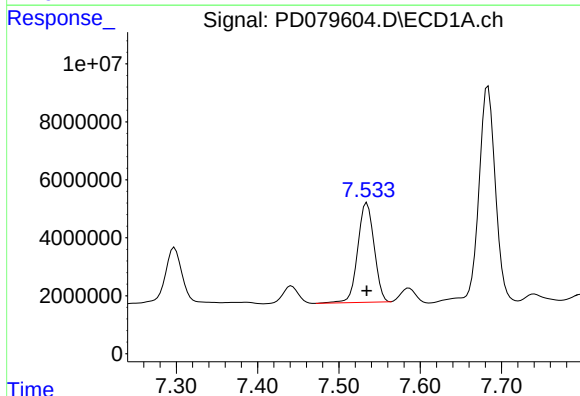
R.T.: 7.197 min  
Delta R.T.: 0.000 min  
Response: 89670408  
Conc: 45.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



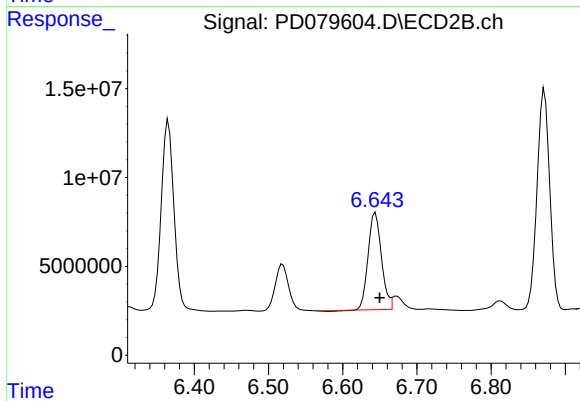
#19 Endosulfan Sulfate

R.T.: 6.365 min  
Delta R.T.: -0.005 min  
Response: 126851675  
Conc: 54.33 ng/ml



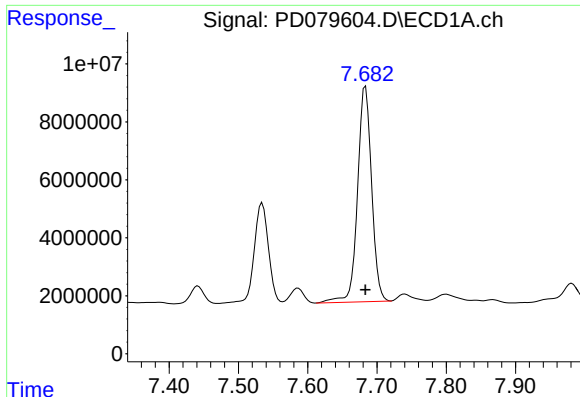
#20 Methoxychlor

R.T.: 7.535 min  
Delta R.T.: 0.000 min  
Response: 48014031  
Conc: 43.82 ng/ml



#20 Methoxychlor

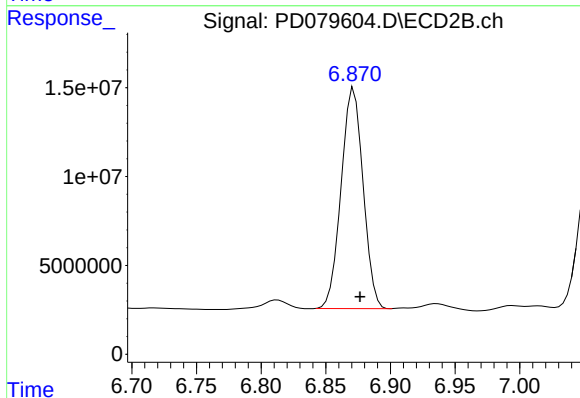
R.T.: 6.644 min  
Delta R.T.: -0.006 min  
Response: 67780762  
Conc: 49.93 ng/ml



#21 Endrin ketone

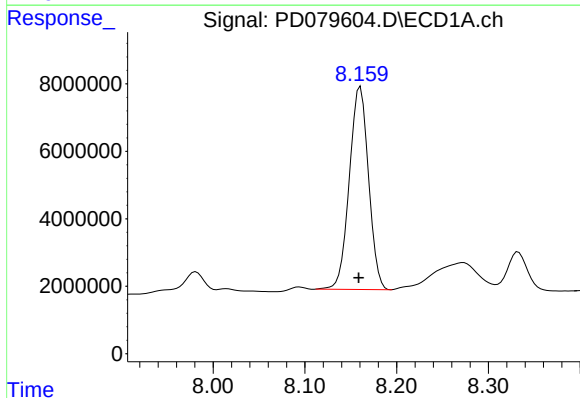
R.T.: 7.683 min  
Delta R.T.: 0.000 min  
Response: 104622238  
Conc: 47.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



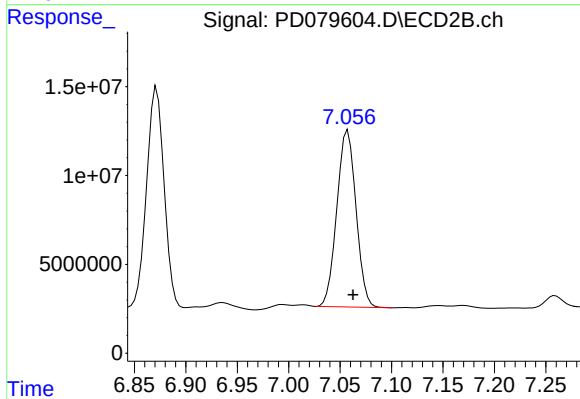
#21 Endrin ketone

R.T.: 6.872 min  
Delta R.T.: -0.005 min  
Response: 146669617  
Conc: 52.46 ng/ml



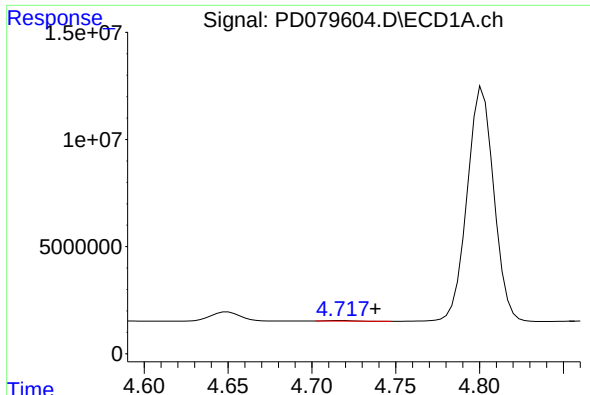
#22 Mirex

R.T.: 8.161 min  
Delta R.T.: 0.002 min  
Response: 87533403  
Conc: 51.71 ng/ml



#22 Mirex

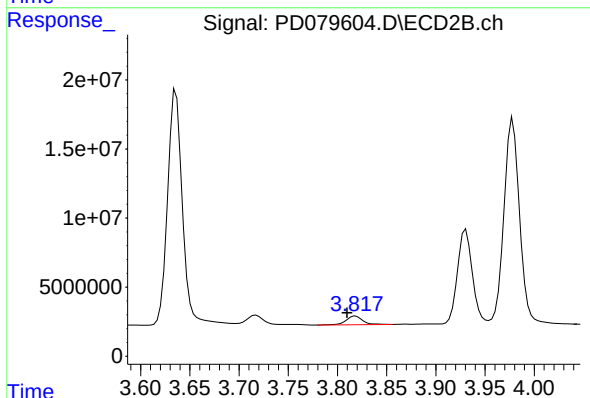
R.T.: 7.057 min  
Delta R.T.: -0.005 min  
Response: 128923803  
Conc: 60.35 ng/ml



#23 Chlordane-1

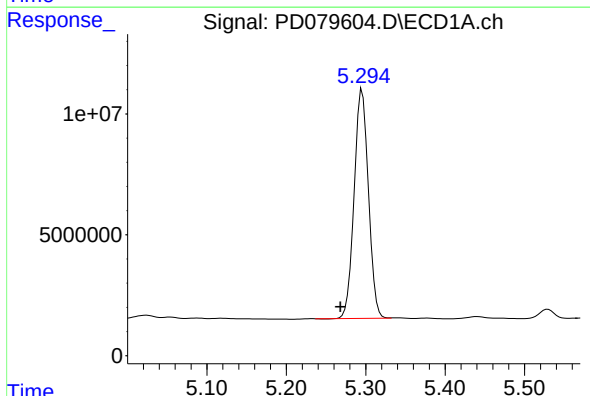
R.T.: 4.718 min  
Delta R.T.: -0.020 min  
Response: 258650  
Conc: 3.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



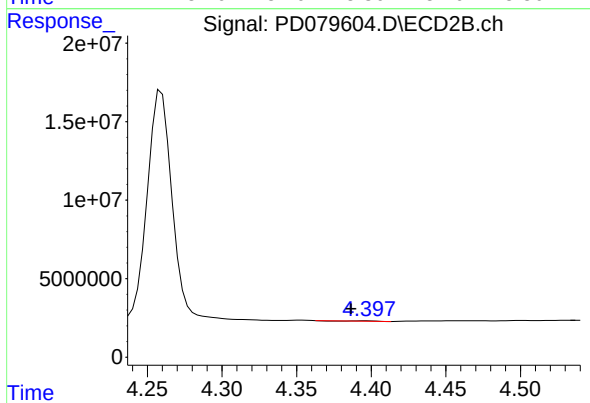
#23 Chlordane-1

R.T.: 3.818 min  
Delta R.T.: 0.009 min  
Response: 7376350  
Conc: 84.93 ng/ml



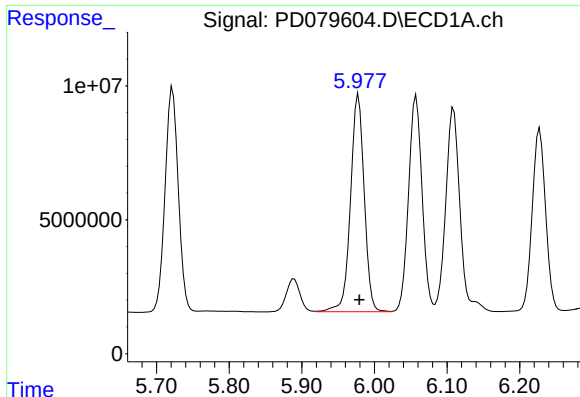
#24 Chlordane-2

R.T.: 5.296 min  
Delta R.T.: 0.027 min  
Response: 118166349  
Conc: 1480.26 ng/ml



#24 Chlordane-2

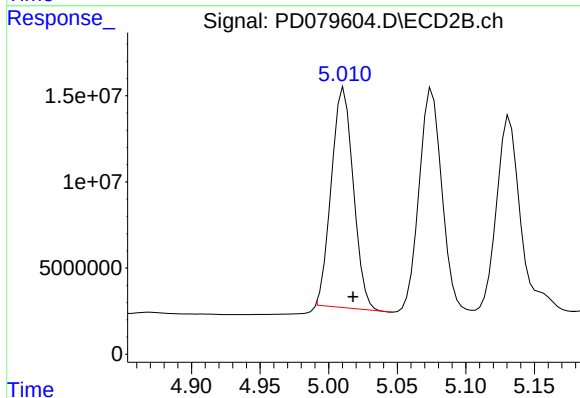
R.T.: 4.396 min  
Delta R.T.: 0.010 min  
Response: 134364  
Conc: 1.48 ng/ml



#25 Chlordane-3

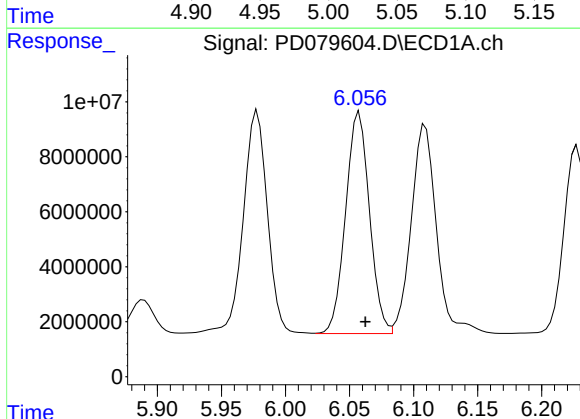
R.T.: 5.978 min  
Delta R.T.: -0.001 min  
Response: 106492337  
Conc: 343.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



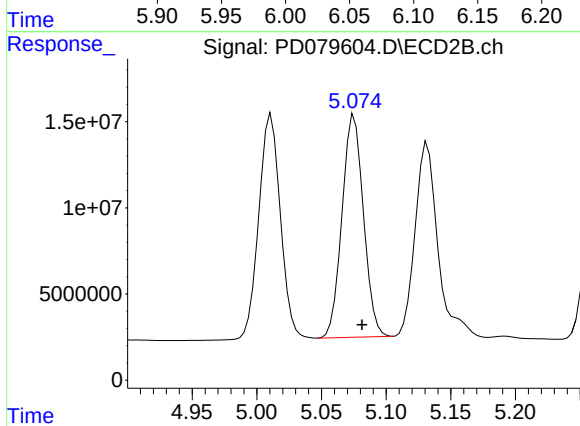
#25 Chlordane-3

R.T.: 5.011 min  
Delta R.T.: -0.006 min  
Response: 142311832  
Conc: 533.54 ng/ml



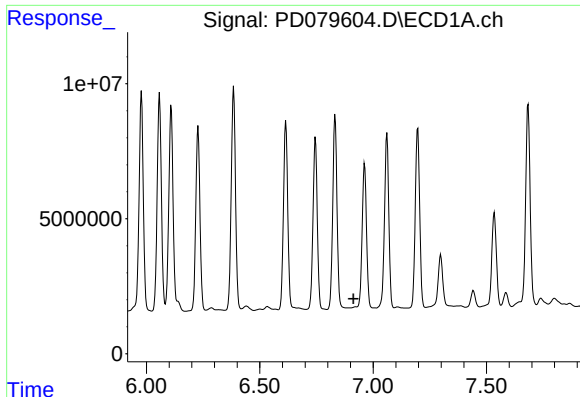
#26 Chlordane-4

R.T.: 6.058 min  
Delta R.T.: -0.005 min  
Response: 104461271  
Conc: 281.17 ng/ml



#26 Chlordane-4

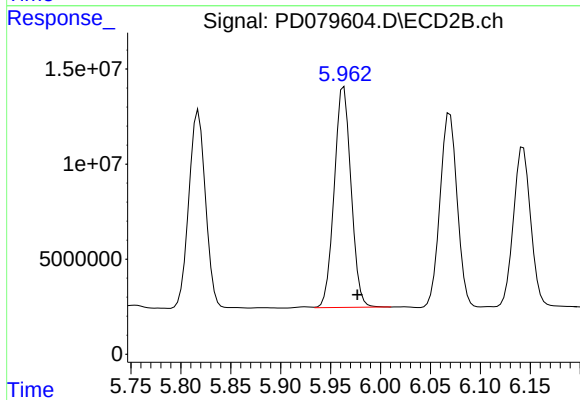
R.T.: 5.075 min  
Delta R.T.: -0.006 min  
Response: 148490899  
Conc: 605.15 ng/ml



#27 Chlordane-5

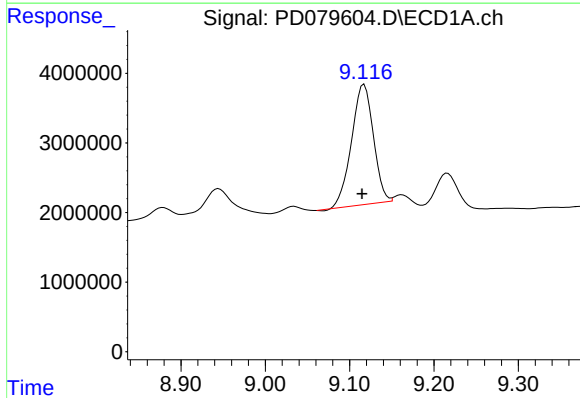
R.T.: 0.000 min  
Exp R.T.: 6.914 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



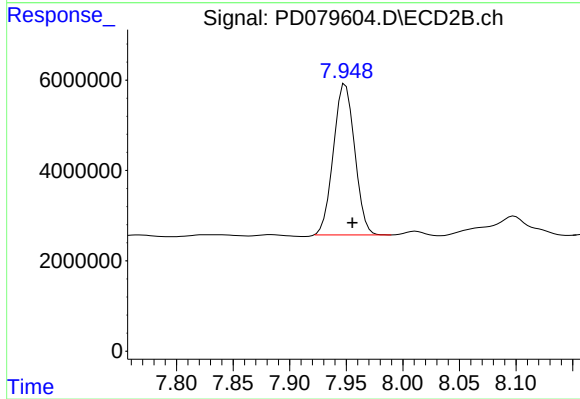
#27 Chlordane-5

R.T.: 5.963 min  
Delta R.T.: -0.013 min  
Response: 136024054  
Conc: 1364.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min  
Delta R.T.: 0.002 min  
Response: 30985532  
Conc: 15.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min  
Delta R.T.: -0.006 min  
Response: 43797408  
Conc: 17.97 ng/ml