

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031021\  
 Data File : PD061535.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Mar 2021 18:55  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 04:48:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031021.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 11 04:34:41 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... | 3.486  | 3.982  | 38028705 | 388.9E6 | 47.443  | 46.611     |
| 28)                         | SA Decachlor... | 8.257  | 9.037  | 56634625 | 406.9E6 | 46.963  | 47.161     |
| Target Compounds            |                 |        |        |          |         |         |            |
| 2)                          | A alpha-BHC     | 3.926  | 4.370  | 58814727 | 618.5E6 | 47.727  | 47.717     |
| 3)                          | MA gamma-BHC... | 4.210  | 4.655  | 56057306 | 570.8E6 | 47.626  | 47.052     |
| 4)                          | MA Heptachlor   | 4.514  | 5.163  | 59917642 | 605.1E6 | 48.296  | 47.498     |
| 5)                          | MB Aldrin       | 4.764  | 5.468  | 56840041 | 574.4E6 | 48.525  | 48.030     |
| 6)                          | B beta-BHC      | 4.460  | 4.824  | 25394559 | 232.8E6 | 48.029  | 47.731     |
| 7)                          | B delta-BHC     | 4.666  | 5.040  | 55090521 | 537.3E6 | 46.620  | 44.804     |
| 8)                          | B Heptachlo...  | 5.208  | 5.852  | 54770013 | 516.0E6 | 48.186  | 47.415     |
| 9)                          | A Endosulfan I  | 5.548  | 6.209  | 52446752 | 495.1E6 | 48.276  | 47.586     |
| 10)                         | B gamma-Chl...  | 5.435  | 6.086  | 56275327 | 538.3E6 | 48.356  | 47.604     |
| 11)                         | B alpha-Chl...  | 5.494  | 6.159  | 55547323 | 509.3E6 | 47.987  | 46.708     |
| 12)                         | B 4,4'-DDE      | 5.657  | 6.316  | 53404599 | 524.4E6 | 48.632  | 47.214     |
| 13)                         | MA Dieldrin     | 5.792  | 6.466  | 55574506 | 528.5E6 | 48.426  | 47.833     |
| 14)                         | MA Endrin       | 6.051  | 6.683  | 50007872 | 439.7E6 | 47.351  | 46.904     |
| 15)                         | B Endosulfa...  | 6.323  | 6.892  | 46980932 | 423.8E6 | 47.009  | 47.390     |
| 16)                         | A 4,4'-DDD      | 6.174  | 6.805  | 45876814 | 430.5E6 | 49.375  | 48.079     |
| 17)                         | MA 4,4'-DDT     | 6.416  | 7.103  | 49085182 | 456.5E6 | 49.364  | 49.353     |
| 18)                         | B Endrin al...  | 6.492  | 7.015  | 39043564 | 343.9E6 | 47.274  | 47.873     |
| 19)                         | B Endosulfa...  | 6.707  | 7.238  | 47600532 | 429.3E6 | 45.787  | 46.607     |
| 20)                         | A Methoxychlor  | 6.962  | 7.560  | 27745281 | 214.1E6 | 49.221  | 46.276     |
| 21)                         | B Endrin ke...  | 7.200  | 7.708  | 59671444 | 421.0E6 | 48.296  | 45.634     |
| 22)                         | Mirex           | 7.391  | 8.163  | 43454679 | 297.1E6 | 43.829  | 48.916     |
| 23)                         | Chlordane-1     | 4.387f | 0.000  | 641003   | 0       | 17.750  | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.468f | 0        | 574.4E6 | N.D.    | 1428.405 # |
| 25)                         | Chlordane-3     | 5.435  | 6.086  | 56275327 | 538.3E6 | 448.841 | 309.360 #  |
| 26)                         | Chlordane-4     | 5.494  | 6.159  | 55547323 | 509.3E6 | 532.233 | 252.519 #  |
| 27)                         | Chlordane-5     | 6.323  | 0.000  | 46980932 | 0       | 970.030 | N.D. #     |
| -----                       |                 |        |        |          |         |         |            |

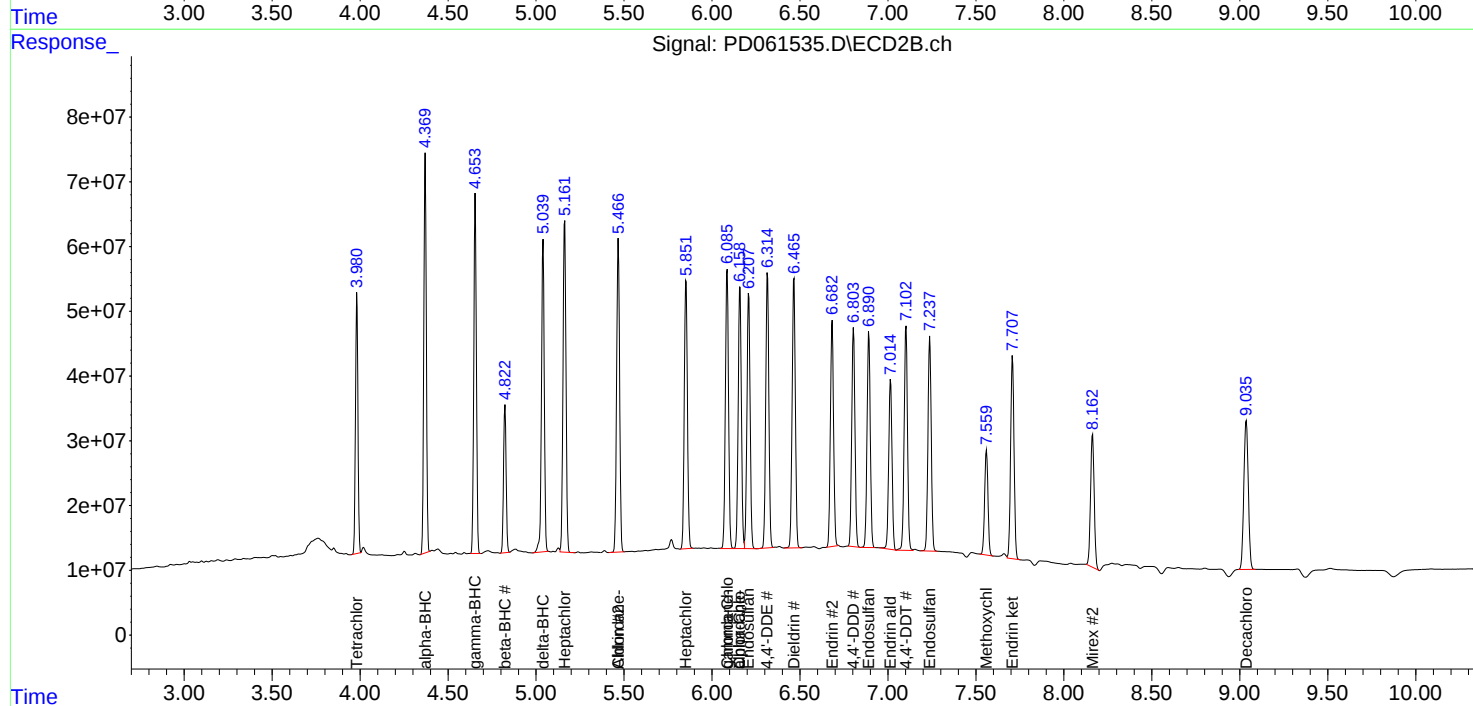
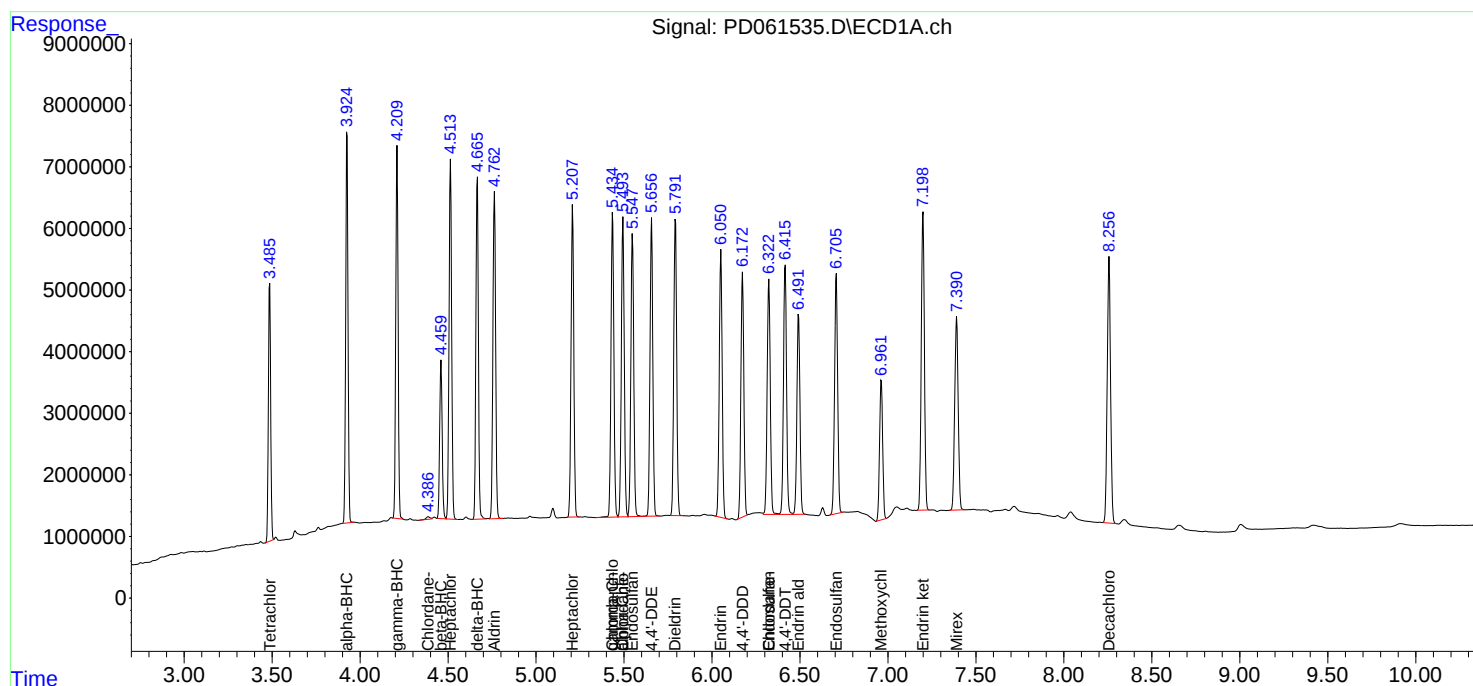
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

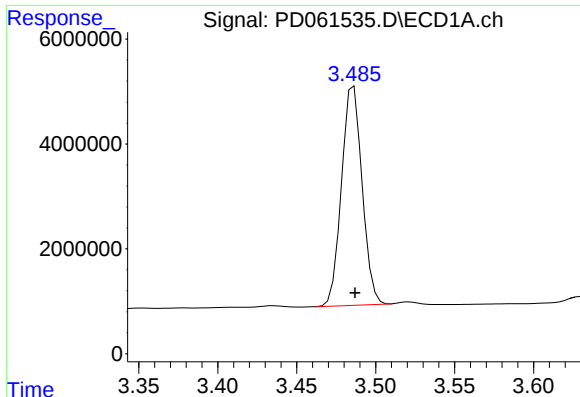
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031021\  
 Data File : PD061535.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Mar 2021 18:55  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 04:48:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031021.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 11 04:34:41 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

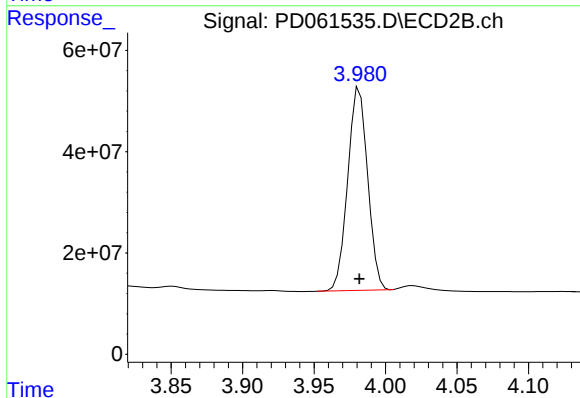




#1 Tetrachloro-m-xylene

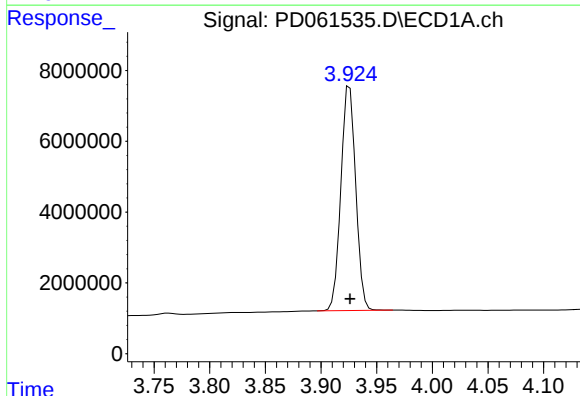
R.T.: 3.486 min  
Delta R.T.: 0.000 min  
Response: 38028705  
Conc: 47.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



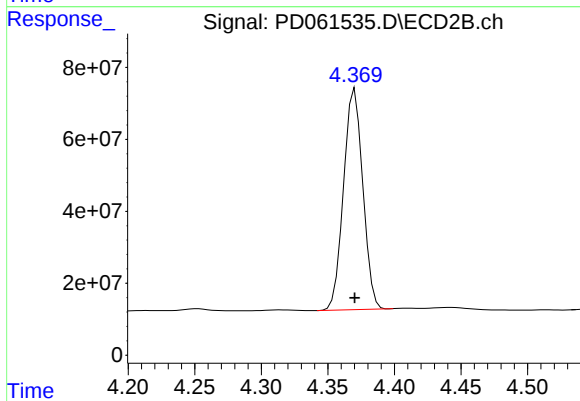
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 388882241  
Conc: 46.61 ng/ml



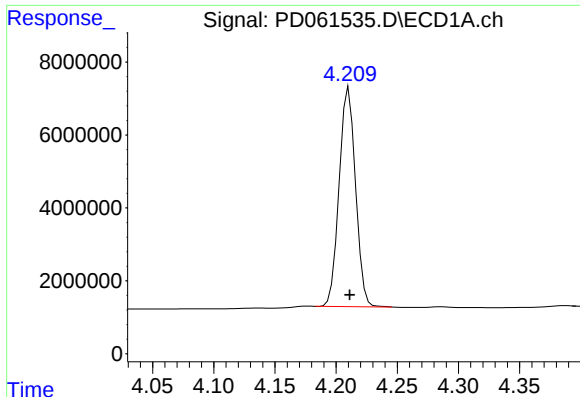
#2 alpha-BHC

R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 58814727  
Conc: 47.73 ng/ml



#2 alpha-BHC

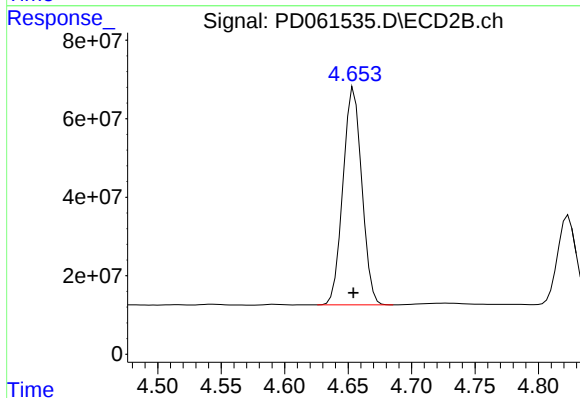
R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 618467562  
Conc: 47.72 ng/ml



#3 gamma-BHC (Lindane)

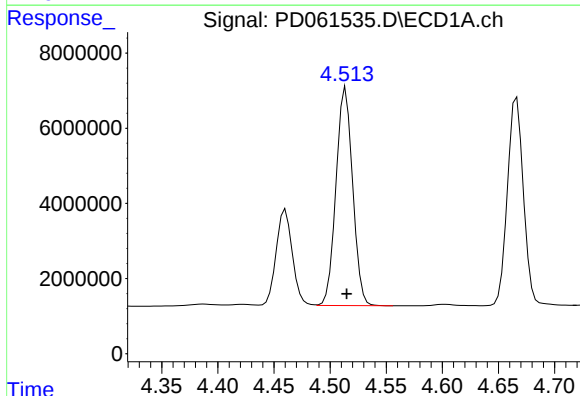
R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 56057306  
Conc: 47.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



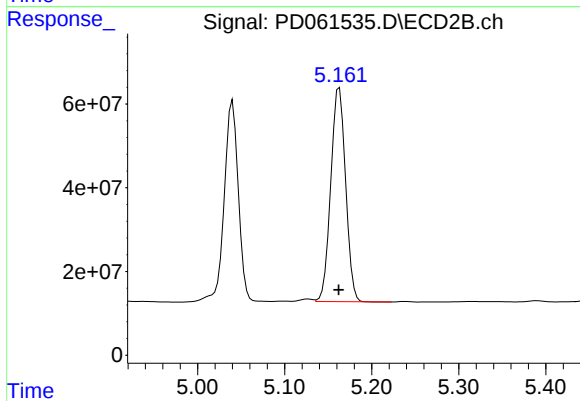
#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 570836710  
Conc: 47.05 ng/ml



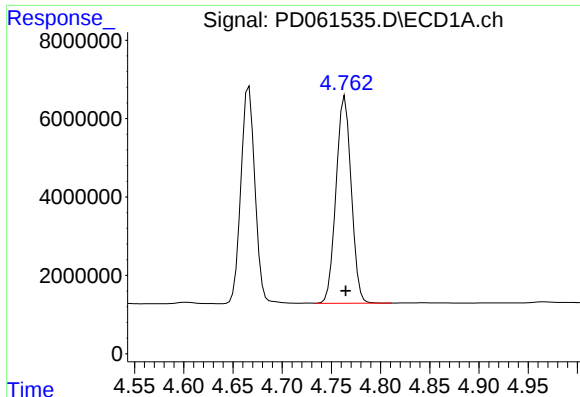
#4 Heptachlor

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 59917642  
Conc: 48.30 ng/ml



#4 Heptachlor

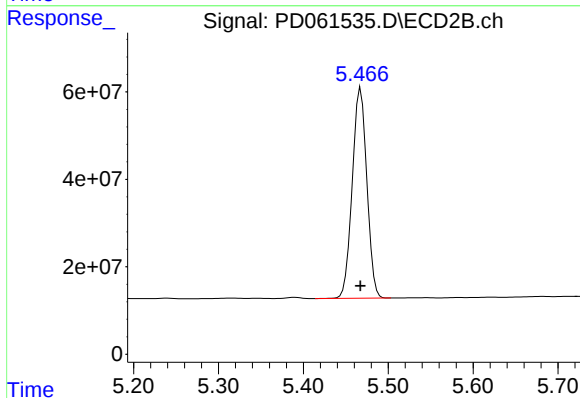
R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 605097470  
Conc: 47.50 ng/ml



#5 Aldrin

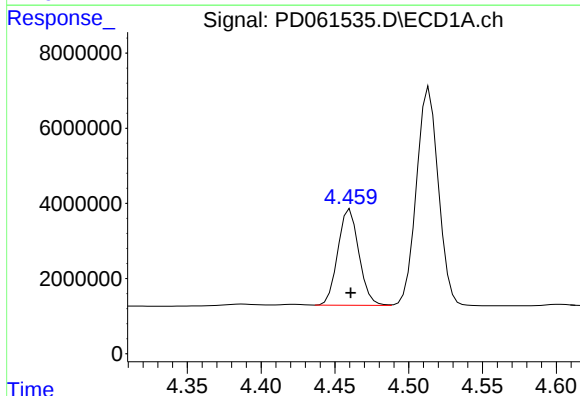
R.T.: 4.764 min  
Delta R.T.: 0.000 min  
Response: 56840041  
Conc: 48.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



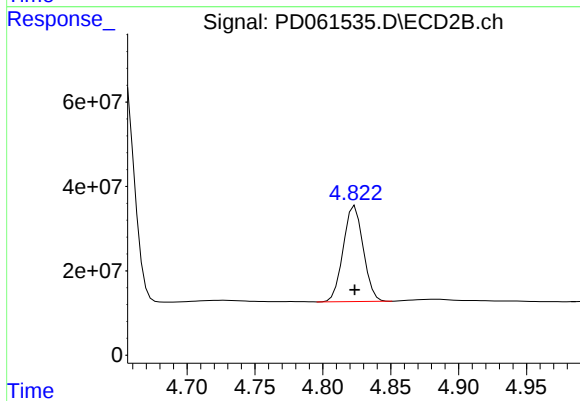
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 574378968  
Conc: 48.03 ng/ml



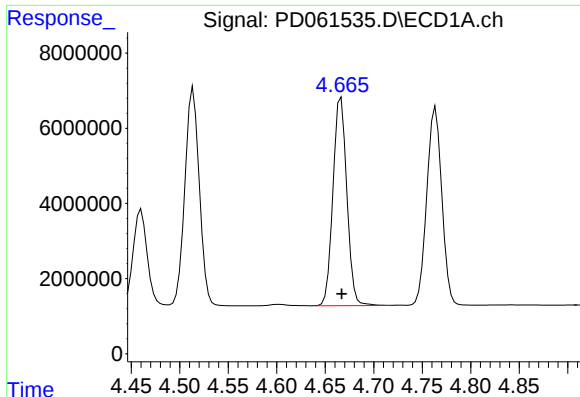
#6 beta-BHC

R.T.: 4.460 min  
Delta R.T.: 0.000 min  
Response: 25394559  
Conc: 48.03 ng/ml



#6 beta-BHC

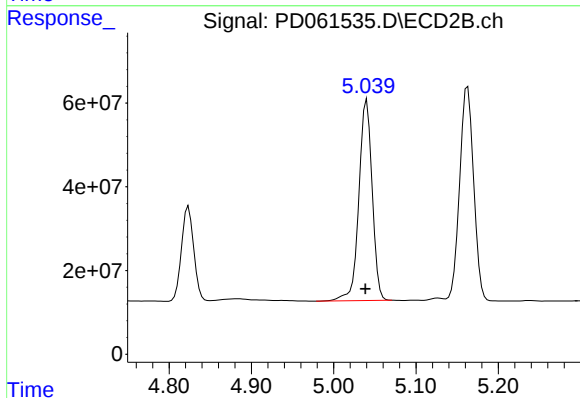
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 232772341  
Conc: 47.73 ng/ml



#7 delta-BHC

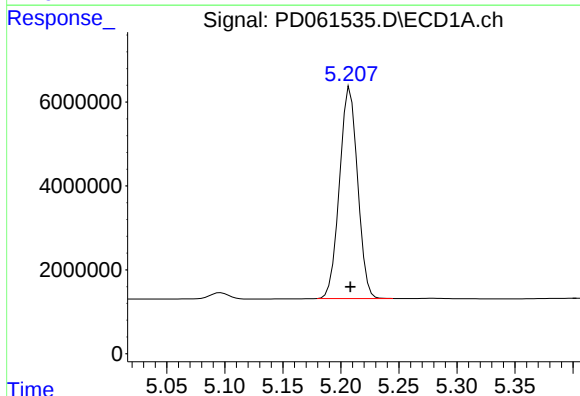
R.T.: 4.666 min  
Delta R.T.: 0.000 min  
Response: 55090521  
Conc: 46.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



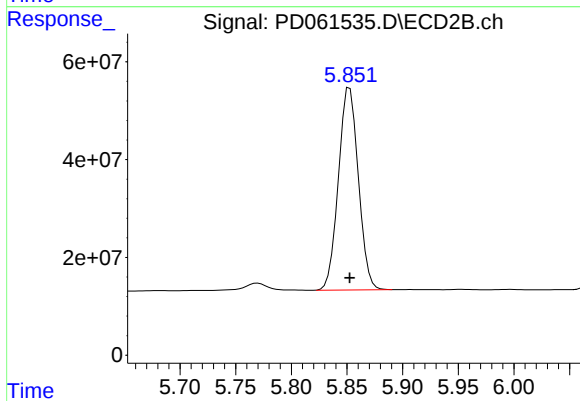
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: 0.002 min  
Response: 537298722  
Conc: 44.80 ng/ml



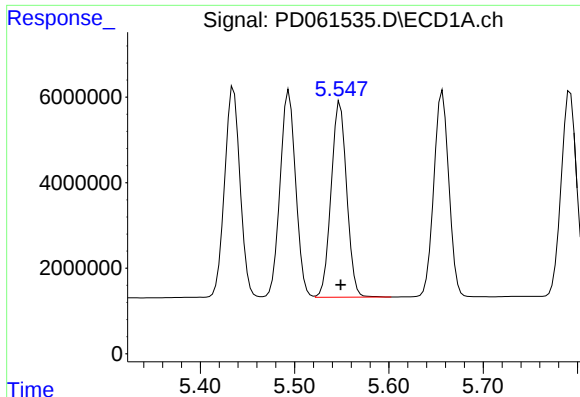
#8 Heptachlor epoxide

R.T.: 5.208 min  
Delta R.T.: 0.000 min  
Response: 54770013  
Conc: 48.19 ng/ml



#8 Heptachlor epoxide

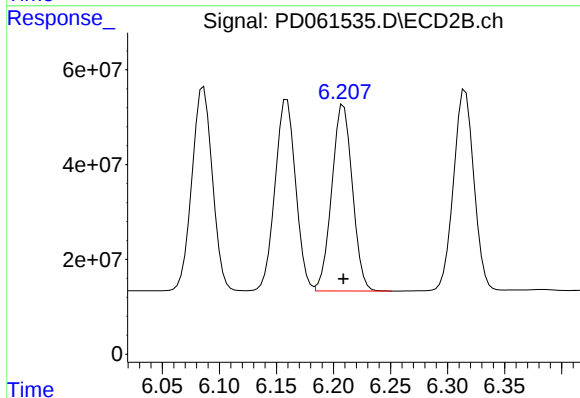
R.T.: 5.852 min  
Delta R.T.: 0.000 min  
Response: 516035607  
Conc: 47.42 ng/ml



#9 Endosulfan I

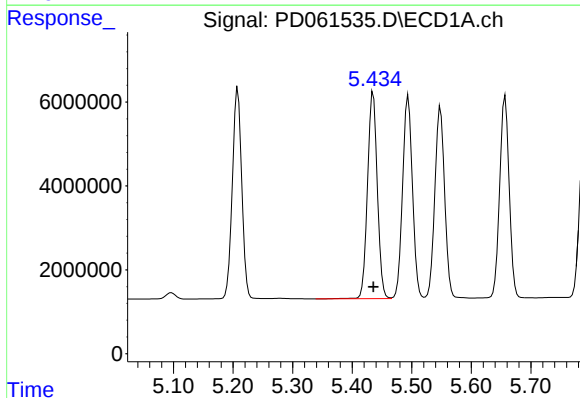
R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 52446752  
Conc: 48.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



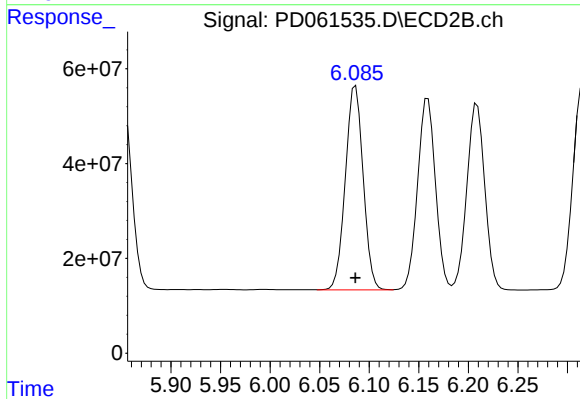
#9 Endosulfan I

R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 495071202  
Conc: 47.59 ng/ml



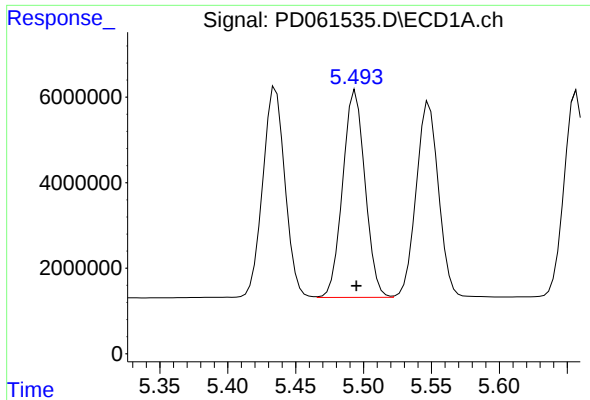
#10 gamma-Chlordane

R.T.: 5.435 min  
Delta R.T.: 0.000 min  
Response: 56275327  
Conc: 48.36 ng/ml



#10 gamma-Chlordane

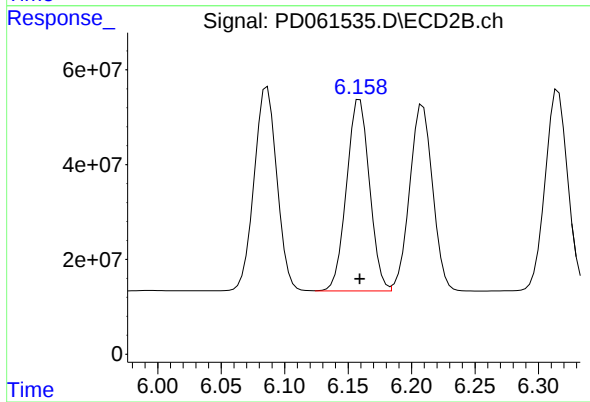
R.T.: 6.086 min  
Delta R.T.: 0.000 min  
Response: 538348135  
Conc: 47.60 ng/ml



#11 alpha-Chlordane

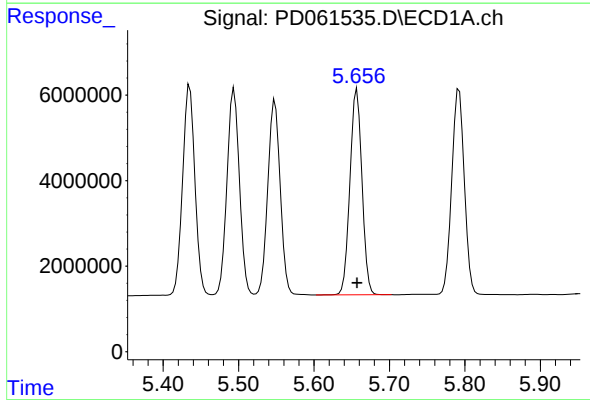
R.T.: 5.494 min  
Delta R.T.: 0.000 min  
Response: 55547323  
Conc: 47.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



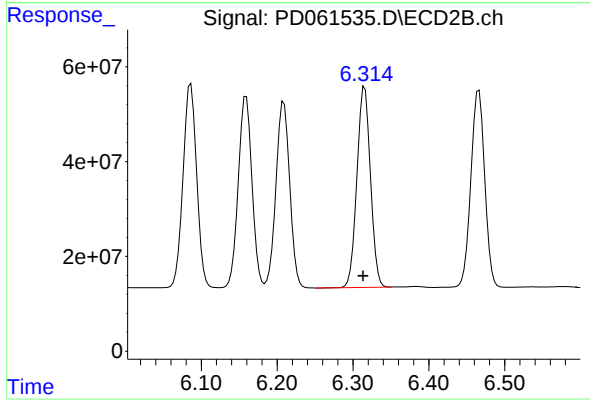
#11 alpha-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 509251290  
Conc: 46.71 ng/ml



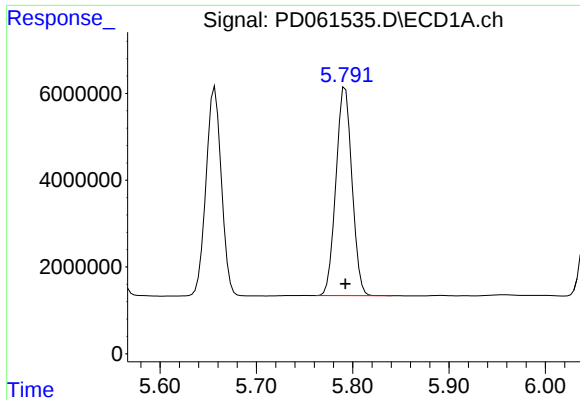
#12 4,4'-DDE

R.T.: 5.657 min  
Delta R.T.: 0.000 min  
Response: 53404599  
Conc: 48.63 ng/ml



#12 4,4'-DDE

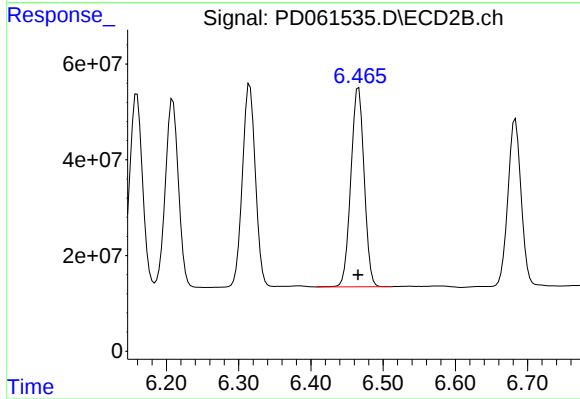
R.T.: 6.316 min  
Delta R.T.: 0.002 min  
Response: 524392412  
Conc: 47.21 ng/ml



#13 Dieldrin

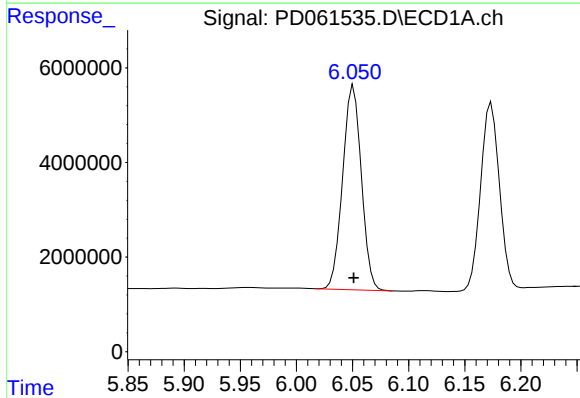
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 55574506  
Conc: 48.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



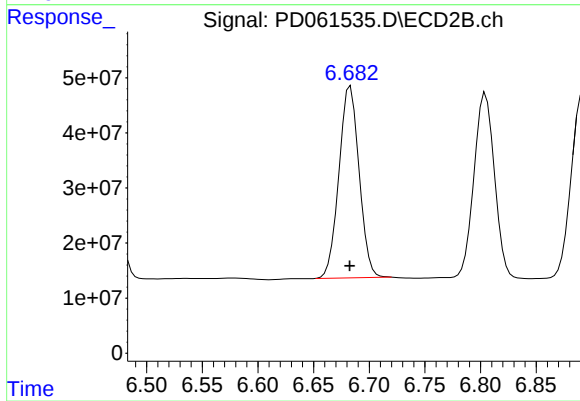
#13 Dieldrin

R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 528544680  
Conc: 47.83 ng/ml



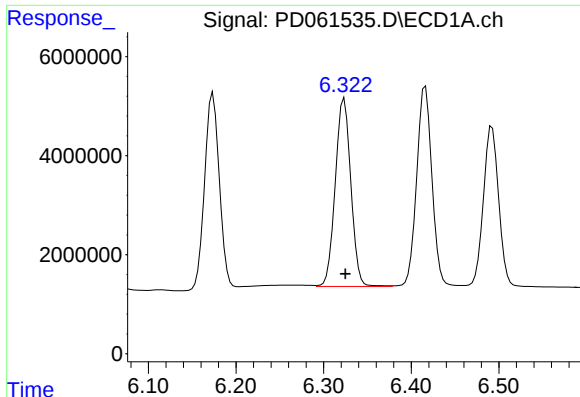
#14 Endrin

R.T.: 6.051 min  
Delta R.T.: 0.000 min  
Response: 50007872  
Conc: 47.35 ng/ml



#14 Endrin

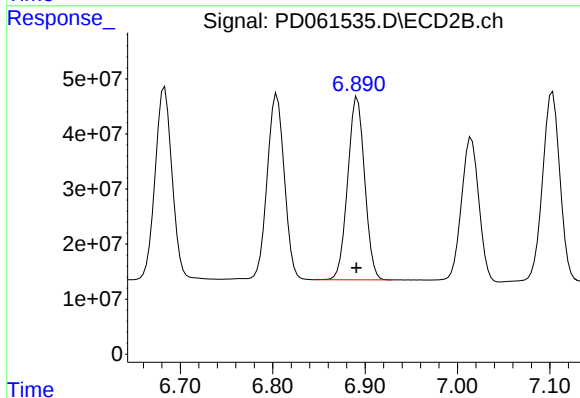
R.T.: 6.683 min  
Delta R.T.: 0.000 min  
Response: 439694365  
Conc: 46.90 ng/ml



#15 Endosulfan II

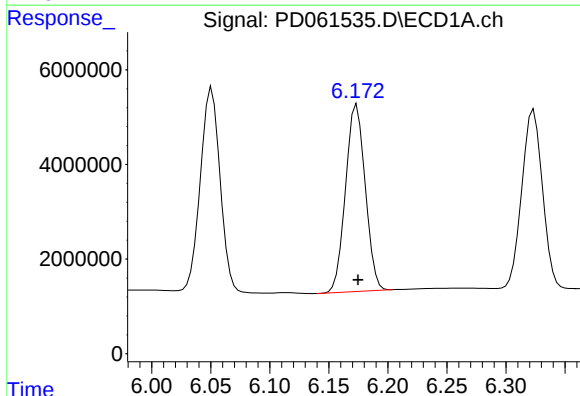
R.T.: 6.323 min  
Delta R.T.: -0.001 min  
Response: 46980932  
Conc: 47.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



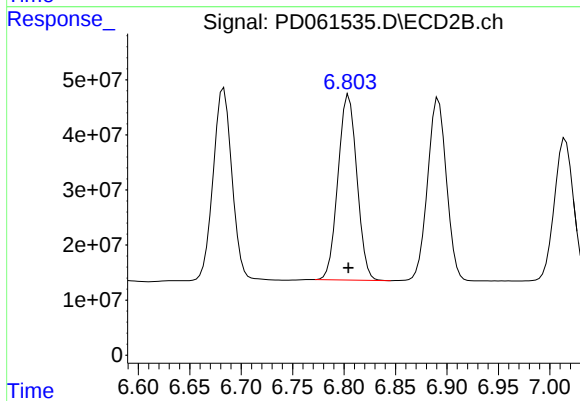
#15 Endosulfan II

R.T.: 6.892 min  
Delta R.T.: 0.001 min  
Response: 423754602  
Conc: 47.39 ng/ml



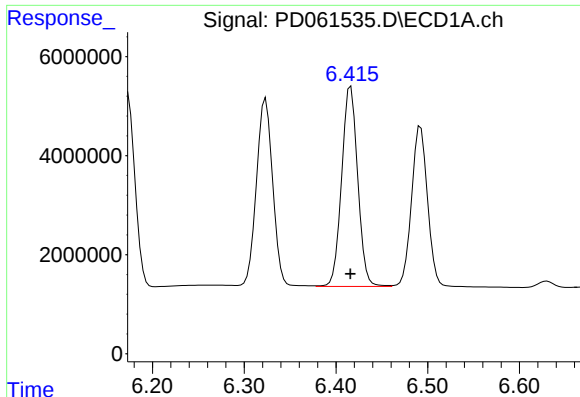
#16 4,4'-DDD

R.T.: 6.174 min  
Delta R.T.: -0.001 min  
Response: 45876814  
Conc: 49.37 ng/ml



#16 4,4'-DDD

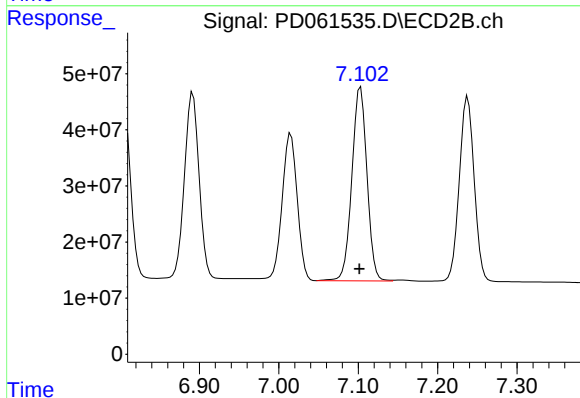
R.T.: 6.805 min  
Delta R.T.: 0.000 min  
Response: 430461147  
Conc: 48.08 ng/ml



#17 4,4'-DDT

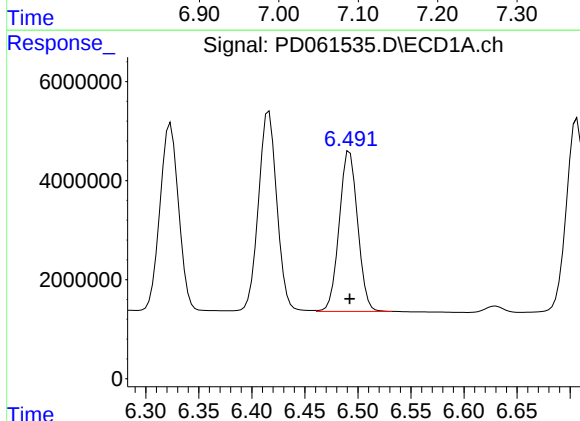
R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 49085182  
Conc: 49.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



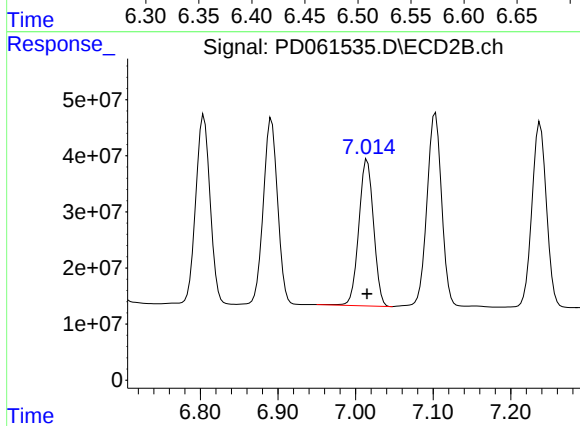
#17 4,4'-DDT

R.T.: 7.103 min  
Delta R.T.: 0.002 min  
Response: 456474726  
Conc: 49.35 ng/ml



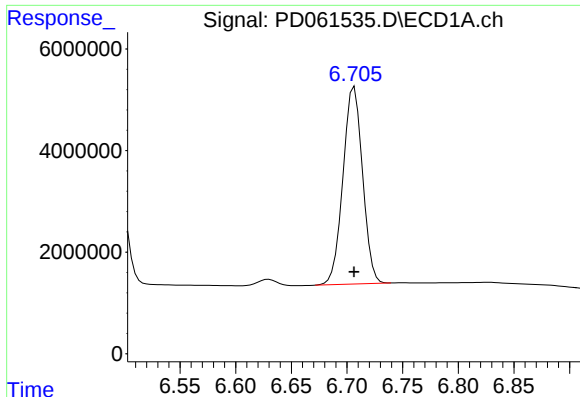
#18 Endrin aldehyde

R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 39043564  
Conc: 47.27 ng/ml



#18 Endrin aldehyde

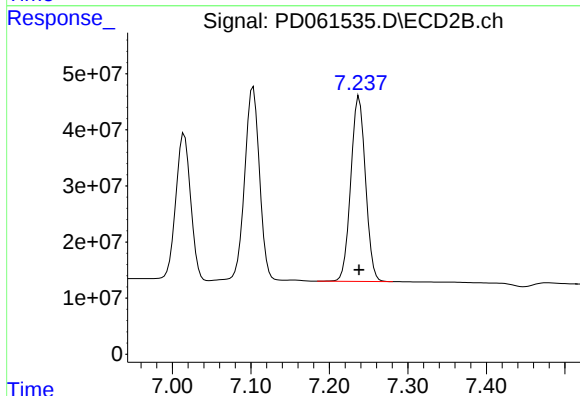
R.T.: 7.015 min  
Delta R.T.: 0.000 min  
Response: 343892234  
Conc: 47.87 ng/ml



#19 Endosulfan Sulfate

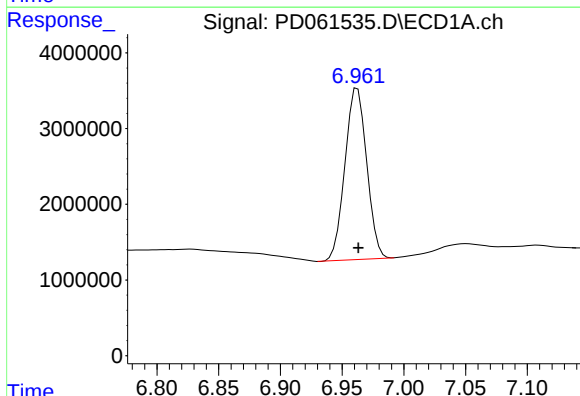
R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 47600532  
Conc: 45.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



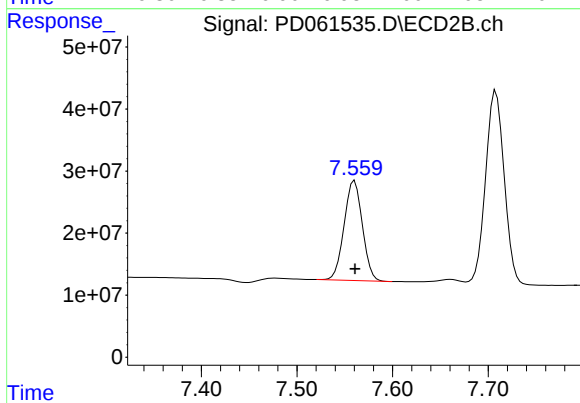
#19 Endosulfan Sulfate

R.T.: 7.238 min  
Delta R.T.: 0.000 min  
Response: 429290590  
Conc: 46.61 ng/ml



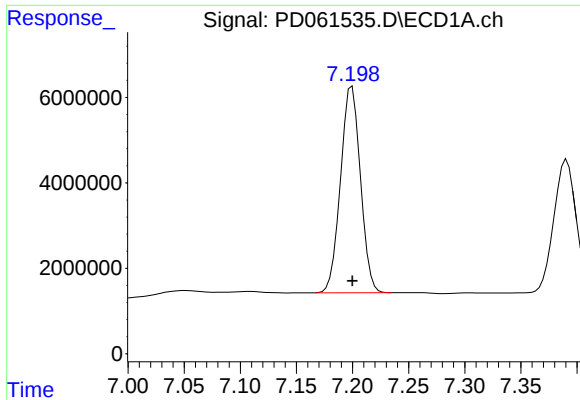
#20 Methoxychlor

R.T.: 6.962 min  
Delta R.T.: 0.000 min  
Response: 27745281  
Conc: 49.22 ng/ml



#20 Methoxychlor

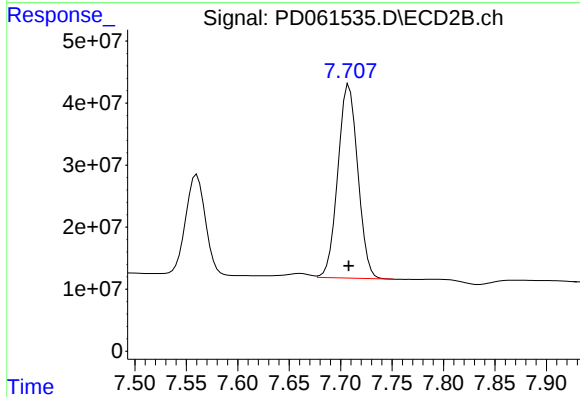
R.T.: 7.560 min  
Delta R.T.: 0.000 min  
Response: 214093918  
Conc: 46.28 ng/ml



#21 Endrin ketone

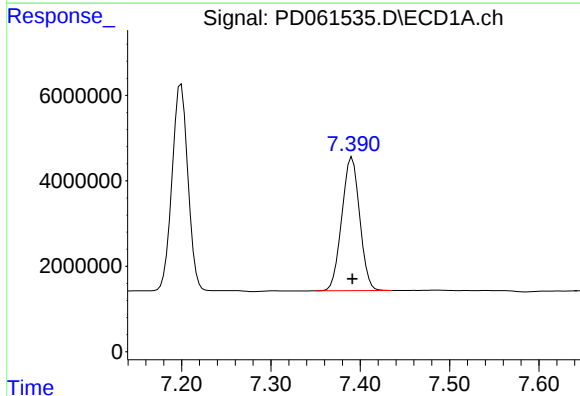
R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 59671444  
Conc: 48.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



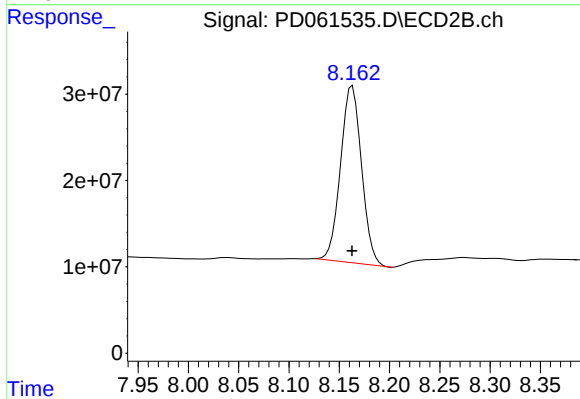
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: 0.000 min  
Response: 420961812  
Conc: 45.63 ng/ml



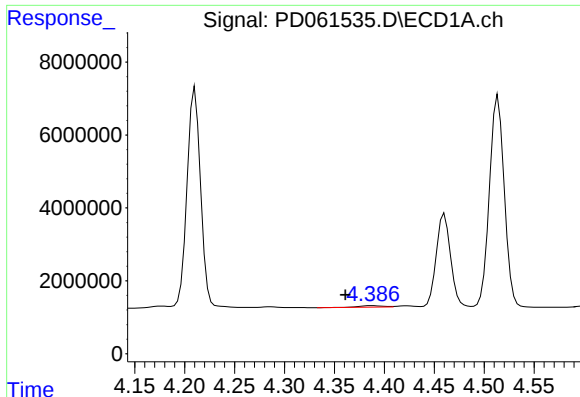
#22 Mirex

R.T.: 7.391 min  
Delta R.T.: 0.000 min  
Response: 43454679  
Conc: 43.83 ng/ml



#22 Mirex

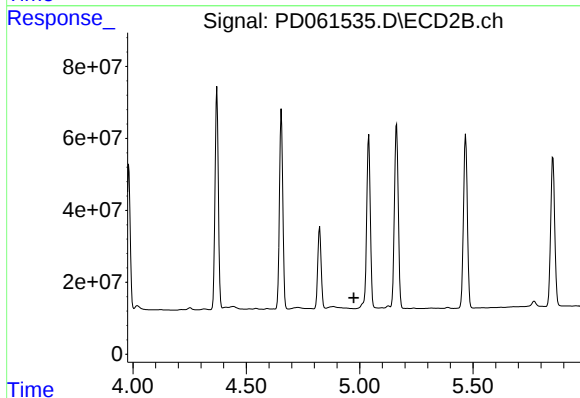
R.T.: 8.163 min  
Delta R.T.: 0.000 min  
Response: 297096187  
Conc: 48.92 ng/ml



#23 Chlordane-1

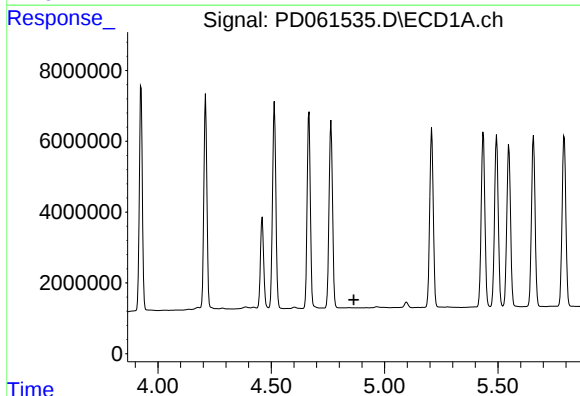
R.T.: 4.387 min  
Delta R.T.: 0.026 min  
Response: 641003  
Conc: 17.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



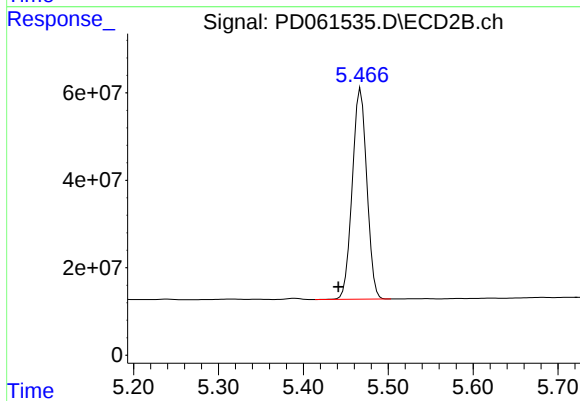
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.974 min  
Response: 0  
Conc: N.D.



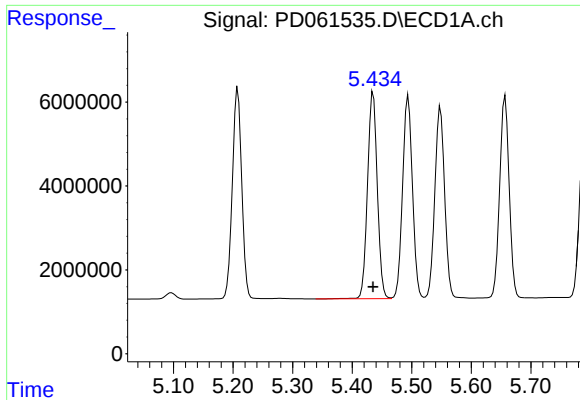
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.864 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

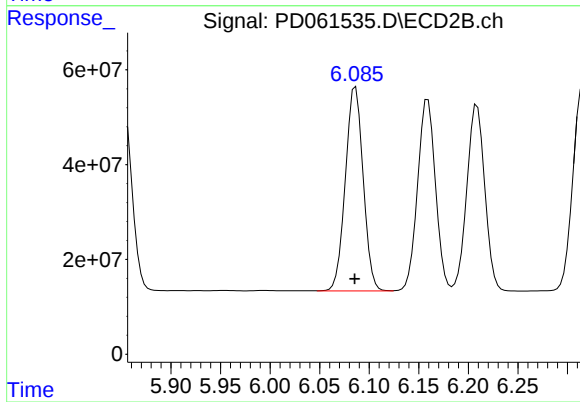
R.T.: 5.468 min  
Delta R.T.: 0.026 min  
Response: 574378968  
Conc: 1428.40 ng/ml



#25 Chlordane-3

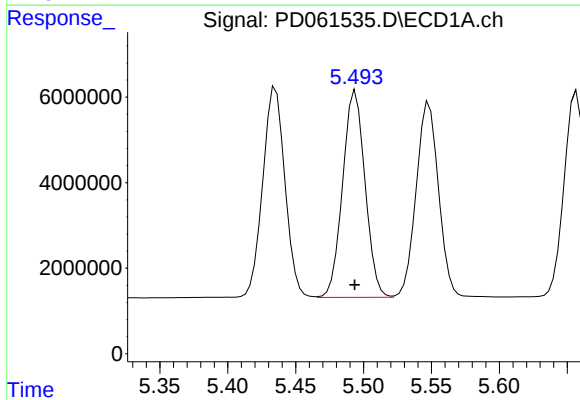
R.T.: 5.435 min  
Delta R.T.: 0.000 min  
Response: 56275327  
Conc: 448.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



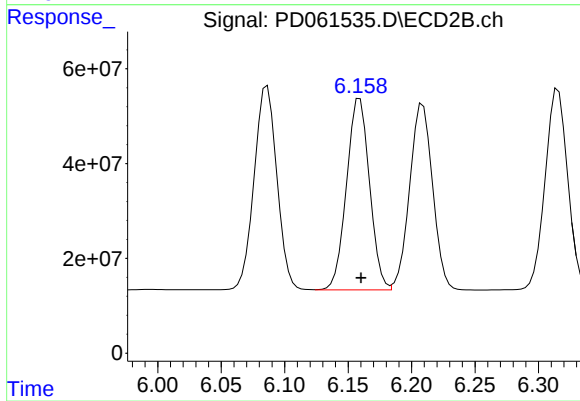
#25 Chlordane-3

R.T.: 6.086 min  
Delta R.T.: 0.000 min  
Response: 538348135  
Conc: 309.36 ng/ml



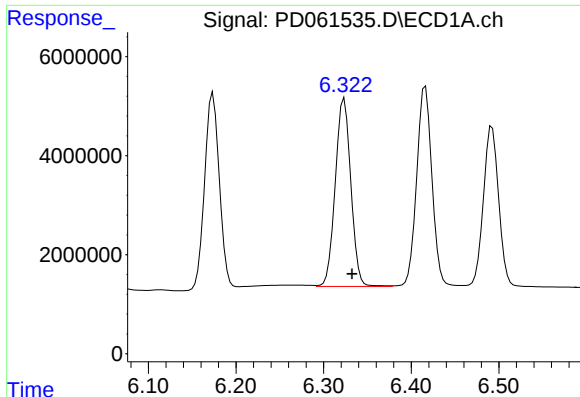
#26 Chlordane-4

R.T.: 5.494 min  
Delta R.T.: 0.000 min  
Response: 55547323  
Conc: 532.23 ng/ml



#26 Chlordane-4

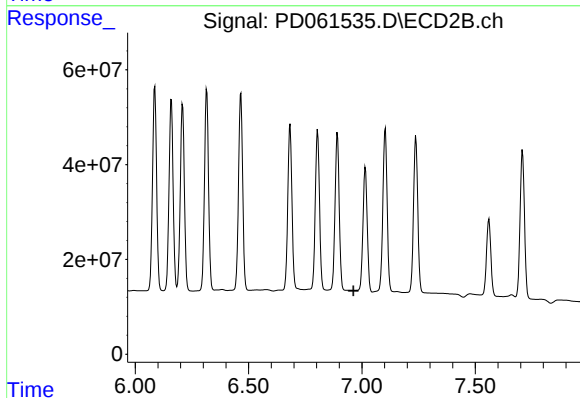
R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 509251290  
Conc: 252.52 ng/ml



#27 Chlordane-5

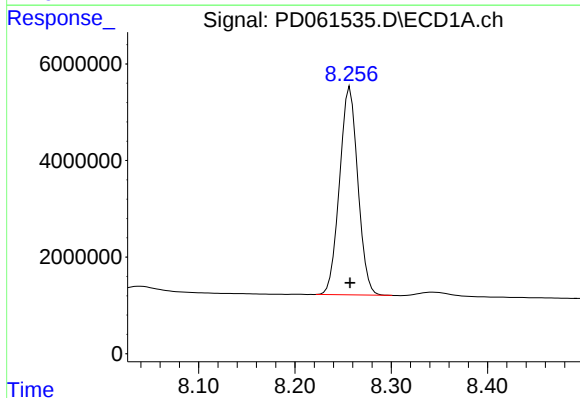
R.T.: 6.323 min  
Delta R.T.: -0.009 min  
Response: 46980932  
Conc: 970.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



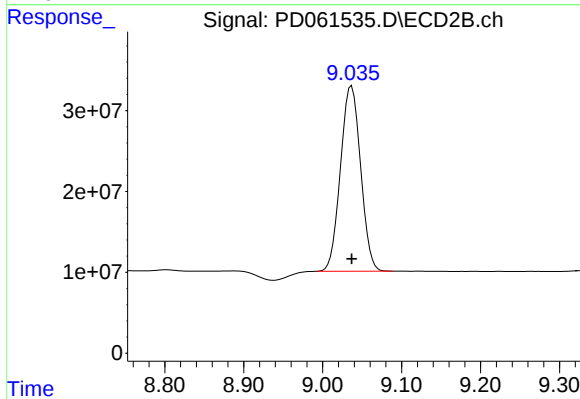
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.963 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.257 min  
Delta R.T.: 0.000 min  
Response: 56634625  
Conc: 46.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.037 min  
Delta R.T.: 0.000 min  
Response: 406910563  
Conc: 47.16 ng/ml