

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031021\  
 Data File : PD061509.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Mar 2021 12:52  
 Operator : AR\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC005

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 10 13:05:37 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031021.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 10 12:40:49 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... | 3.487 | 3.982  | 3469017 | 37455551 | 4.042  | 4.227     |
| 28)                         | SA Decachlor... | 8.257 | 9.037  | 6090020 | 42346293 | 4.682  | 4.534     |
| Target Compounds            |                 |       |        |         |          |        |           |
| 2)                          | A alpha-BHC     | 3.926 | 4.370  | 4924014 | 52821966 | 3.772  | 3.812     |
| 3)                          | MA gamma-BHC... | 4.211 | 4.654  | 4898651 | 53771549 | 3.921  | 4.177     |
| 4)                          | MA Heptachlor   | 4.515 | 5.162  | 5178295 | 58051476 | 3.912  | 4.287     |
| 5)                          | MB Aldrin       | 4.765 | 5.467  | 4739199 | 52133795 | 3.796  | 4.099     |
| 6)                          | B beta-BHC      | 4.461 | 4.823  | 2248627 | 19187927 | 3.805  | 3.637     |
| 7)                          | B delta-BHC     | 4.667 | 5.040  | 4071186 | 53712013 | 3.159  | 4.230 #   |
| 8)                          | B Heptachlo...  | 5.208 | 5.852  | 4880545 | 50398717 | 4.023  | 4.389     |
| 9)                          | A Endosulfan I  | 5.549 | 6.209  | 4699208 | 47914944 | 4.066  | 4.342     |
| 10)                         | B gamma-Chl...  | 5.436 | 6.086  | 4936299 | 51905268 | 3.985  | 4.347     |
| 11)                         | B alpha-Chl...  | 5.495 | 6.159  | 4988183 | 49912565 | 4.049  | 4.342     |
| 12)                         | B 4,4'-DDE      | 5.657 | 6.315  | 4350740 | 49721313 | 3.727  | 4.241     |
| 13)                         | MA Dieldrin     | 5.792 | 6.465  | 4668627 | 49734792 | 3.818  | 4.238     |
| 14)                         | MA Endrin       | 6.051 | 6.683  | 4509665 | 40885936 | 4.028  | 4.045     |
| 15)                         | B Endosulfa...  | 6.325 | 6.891  | 4336672 | 40183569 | 4.041  | 4.126     |
| 16)                         | A 4,4'-DDD      | 6.175 | 6.804  | 3506673 | 39128307 | 3.545  | 4.067     |
| 17)                         | MA 4,4'-DDT     | 6.417 | 7.103  | 4306303 | 36638793 | 4.002  | 3.643     |
| 18)                         | B Endrin al...  | 6.492 | 7.015  | 3825095 | 31443002 | 4.312  | 4.069     |
| 19)                         | B Endosulfa...  | 6.706 | 7.238  | 4383412 | 41871559 | 3.840  | 4.291     |
| 20)                         | A Methoxychlor  | 6.963 | 7.561  | 2158865 | 22696827 | 3.580  | 4.721 #   |
| 21)                         | B Endrin ke...  | 7.200 | 7.708  | 5312476 | 42975382 | 4.002  | 4.440     |
| 22)                         | Mirex           | 7.391 | 8.163  | 5315735 | 29377627 | 4.986  | 4.434     |
| 23)                         | Chlordane-1     | 4.400 | 5.040f | 707010  | 53712013 | 56.520 | 421.283 # |
| 24)                         | Chlordane-2     | 0.000 | 5.467  | 0       | 52133795 | N.D.   | 36.650 #  |
| 25)                         | Chlordane-3     | 5.436 | 6.159  | 4936299 | 49912565 | 36.242 | 38.558    |
| 26)                         | Chlordane-4     | 5.495 | 6.209  | 4988183 | 47914944 | 36.410 | 37.592    |
| 27)                         | Chlordane-5     | 6.325 | 7.015  | 4336672 | 31443002 | 35.085 | 34.906    |
| -----                       |                 |       |        |         |          |        |           |

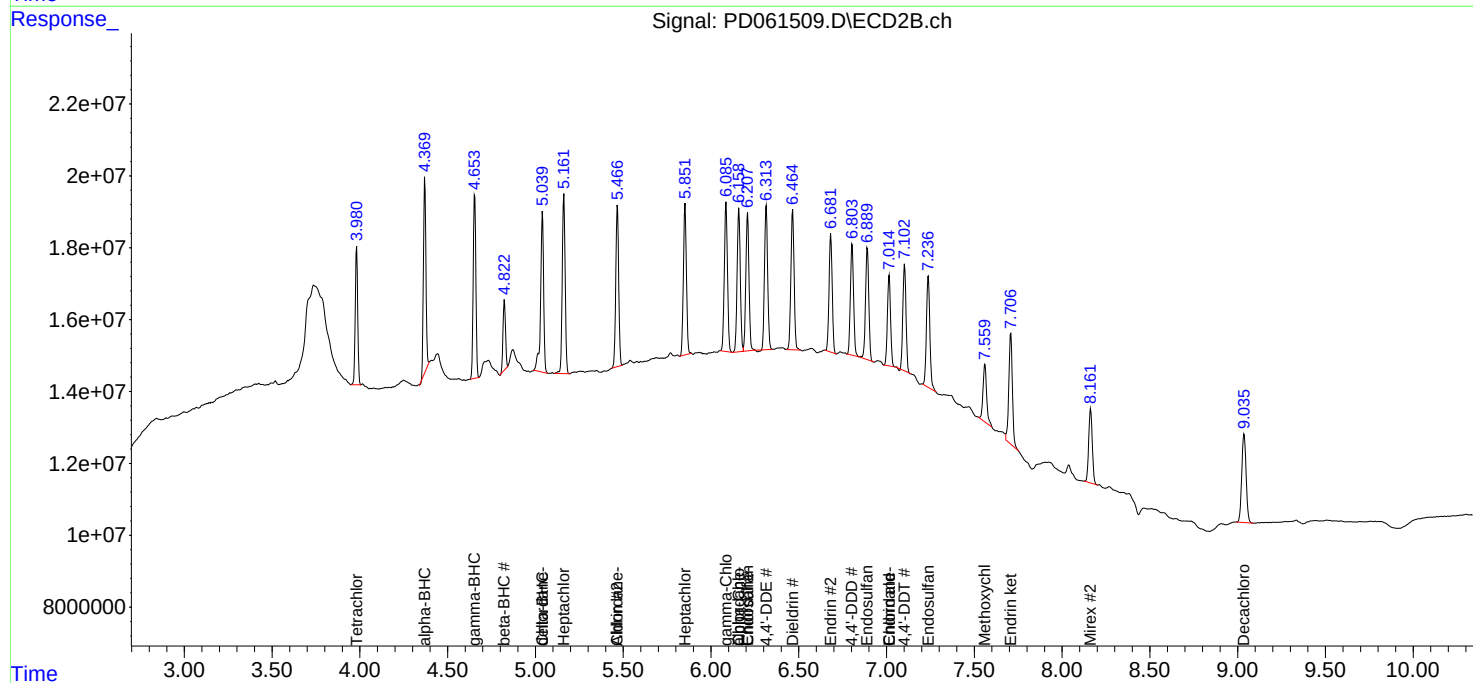
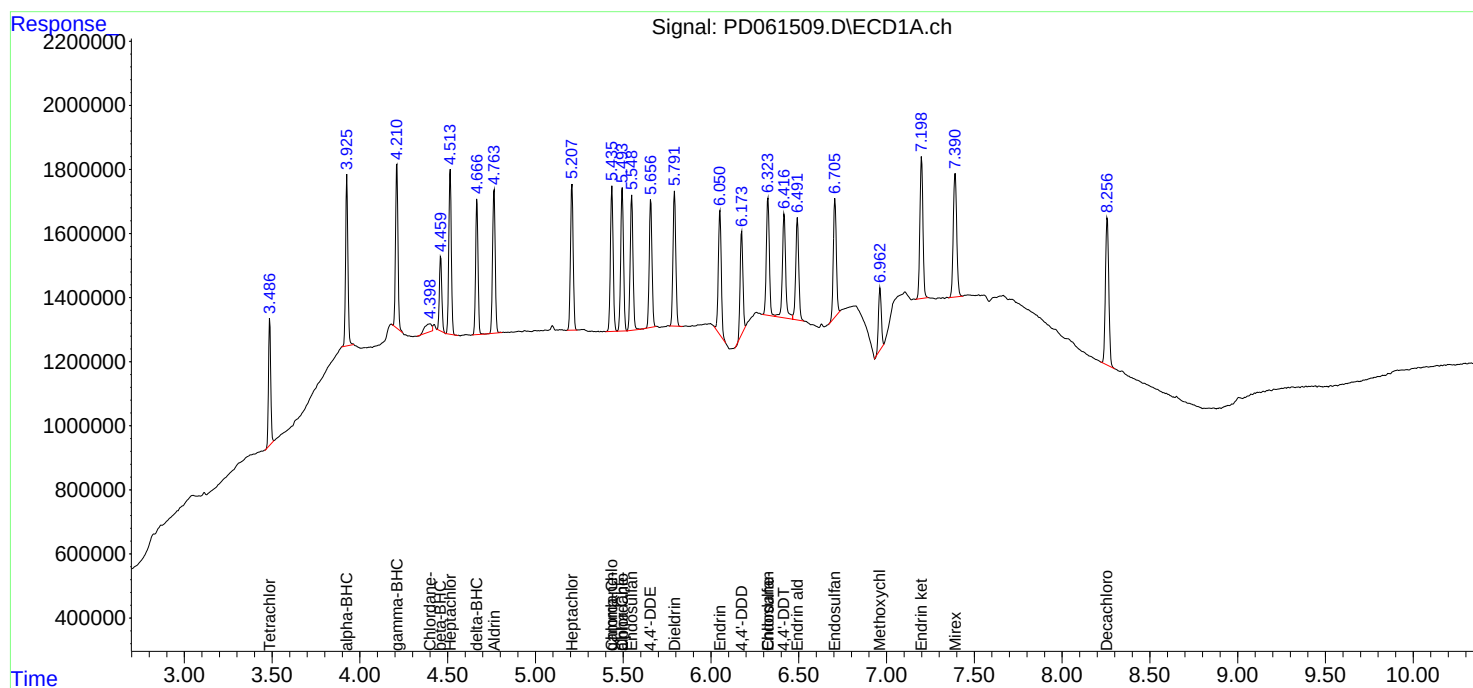
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

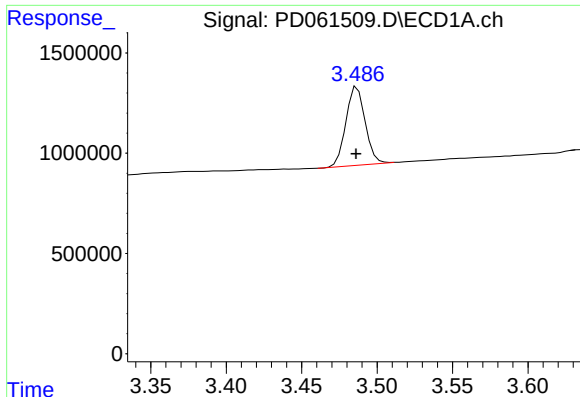
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031021\  
Data File : PD061509.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Mar 2021 12:52  
Operator : AR\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 10 13:05:37 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031021.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 10 12:40:49 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

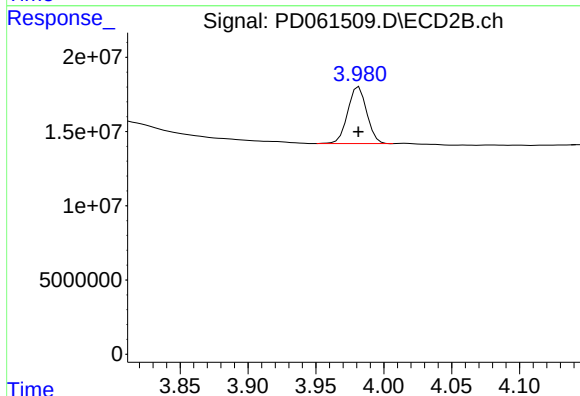




#1 Tetrachloro-m-xylene

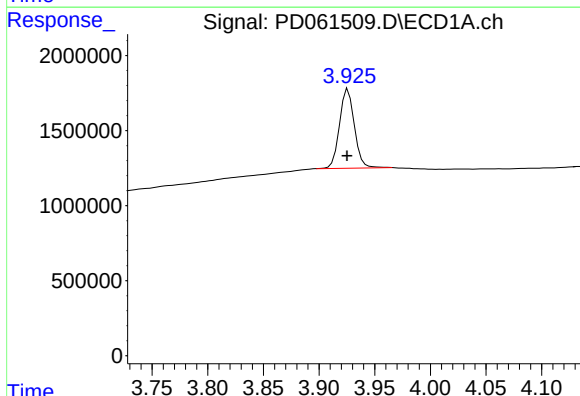
R.T.: 3.487 min  
Delta R.T.: 0.000 min  
Response: 3469017  
Conc: 4.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005



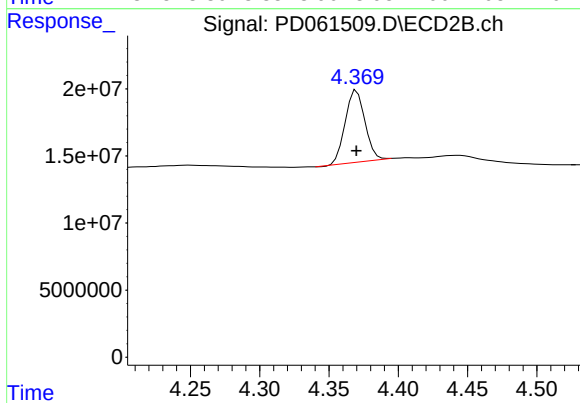
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 37455551  
Conc: 4.23 ng/ml



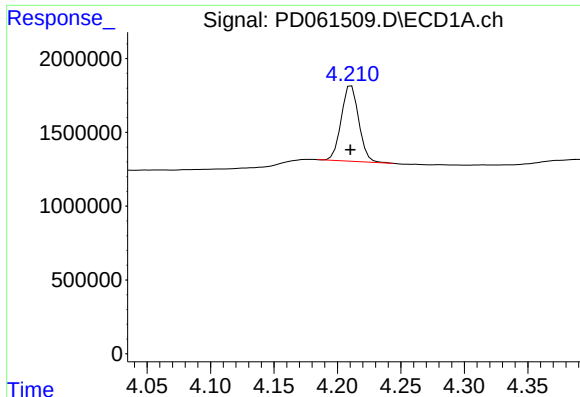
#2 alpha-BHC

R.T.: 3.926 min  
Delta R.T.: 0.000 min  
Response: 4924014  
Conc: 3.77 ng/ml



#2 alpha-BHC

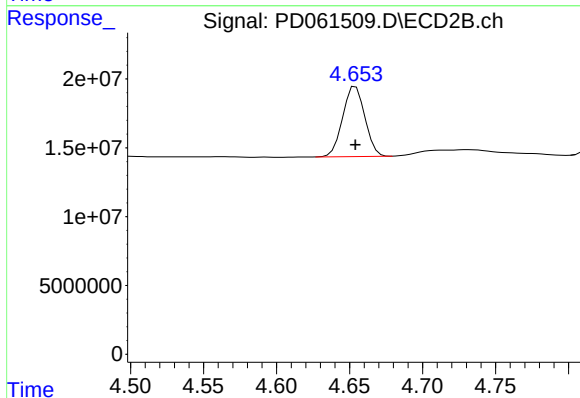
R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 52821966  
Conc: 3.81 ng/ml



#3 gamma-BHC (Lindane)

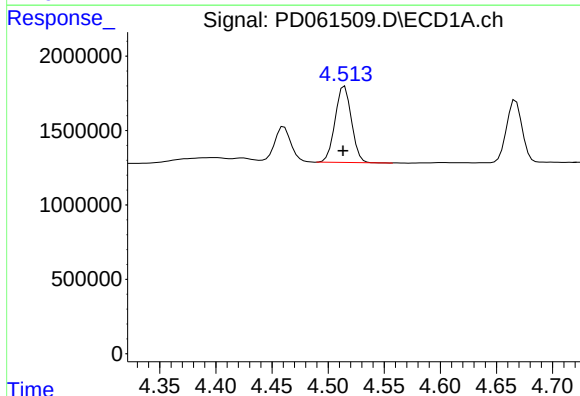
R.T.: 4.211 min  
Delta R.T.: 0.000 min  
Response: 4898651  
Conc: 3.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005



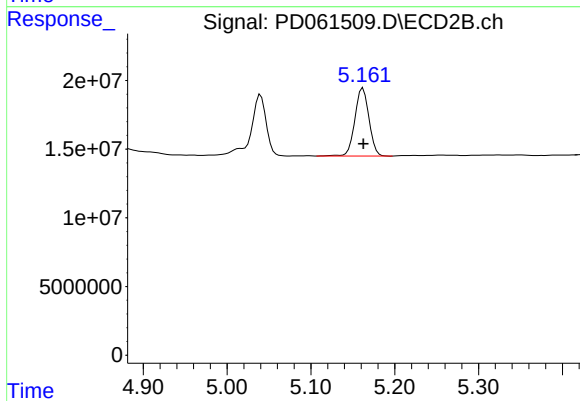
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: 0.000 min  
Response: 53771549  
Conc: 4.18 ng/ml



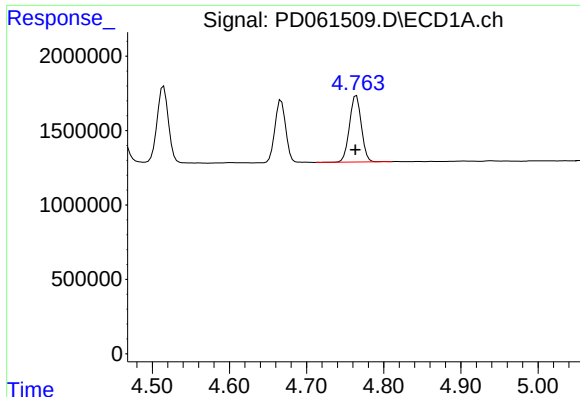
#4 Heptachlor

R.T.: 4.515 min  
Delta R.T.: 0.001 min  
Response: 5178295  
Conc: 3.91 ng/ml



#4 Heptachlor

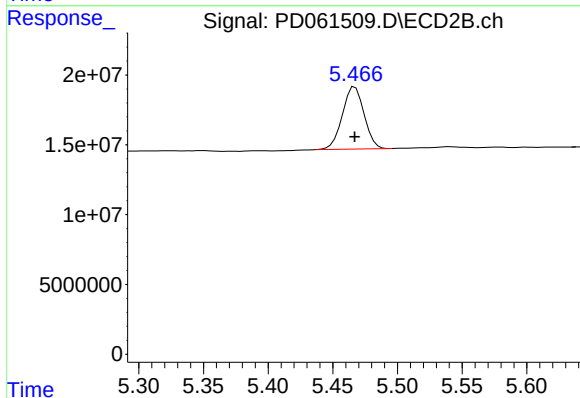
R.T.: 5.162 min  
Delta R.T.: 0.000 min  
Response: 58051476  
Conc: 4.29 ng/ml



#5 Aldrin

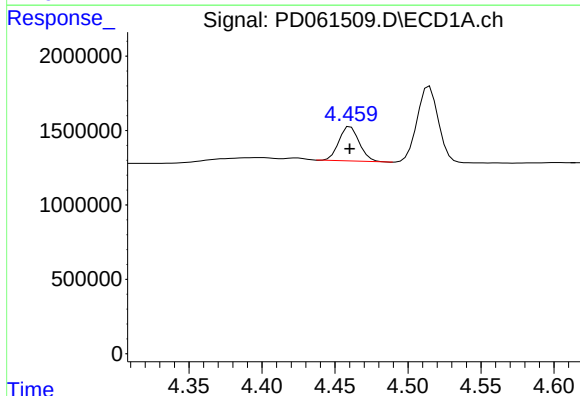
R.T.: 4.765 min  
Delta R.T.: 0.001 min  
Response: 4739199  
Conc: 3.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005



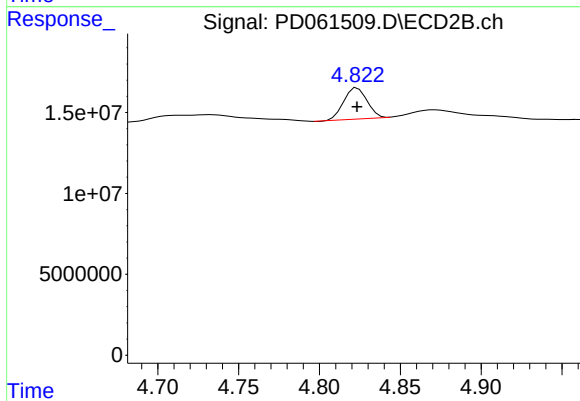
#5 Aldrin

R.T.: 5.467 min  
Delta R.T.: 0.000 min  
Response: 52133795  
Conc: 4.10 ng/ml



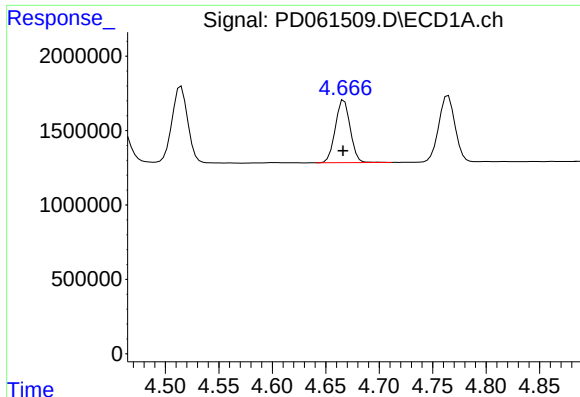
#6 beta-BHC

R.T.: 4.461 min  
Delta R.T.: 0.000 min  
Response: 2248627  
Conc: 3.80 ng/ml



#6 beta-BHC

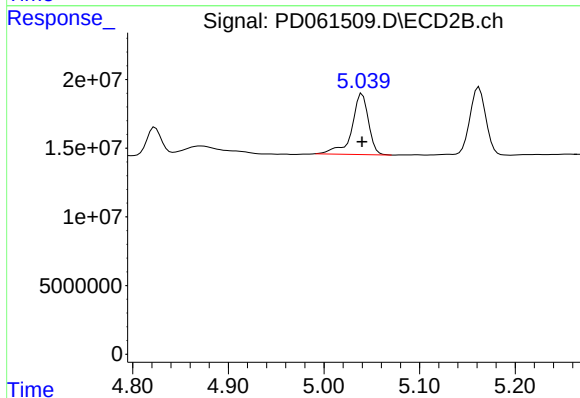
R.T.: 4.823 min  
Delta R.T.: 0.000 min  
Response: 19187927  
Conc: 3.64 ng/ml



#7 delta-BHC

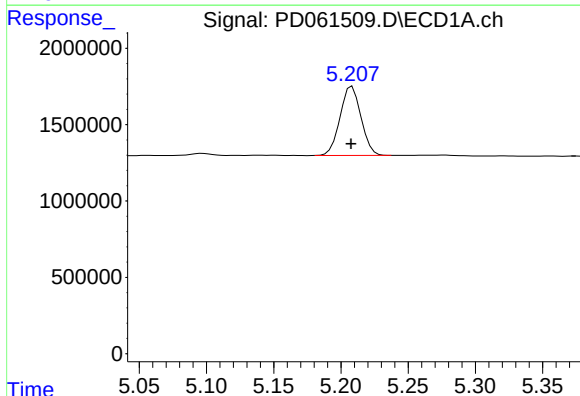
R.T.: 4.667 min  
Delta R.T.: 0.000 min  
Response: 4071186  
Conc: 3.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005



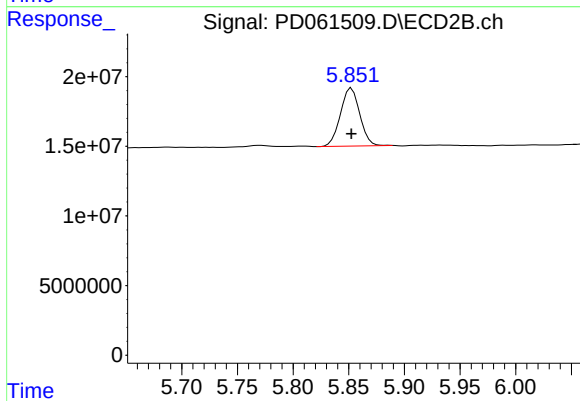
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 53712013  
Conc: 4.23 ng/ml



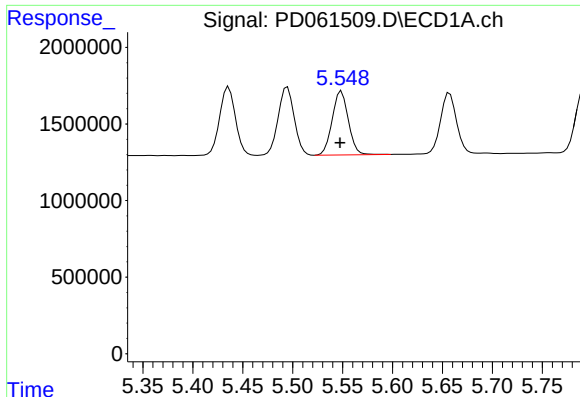
#8 Heptachlor epoxide

R.T.: 5.208 min  
Delta R.T.: 0.000 min  
Response: 4880545  
Conc: 4.02 ng/ml



#8 Heptachlor epoxide

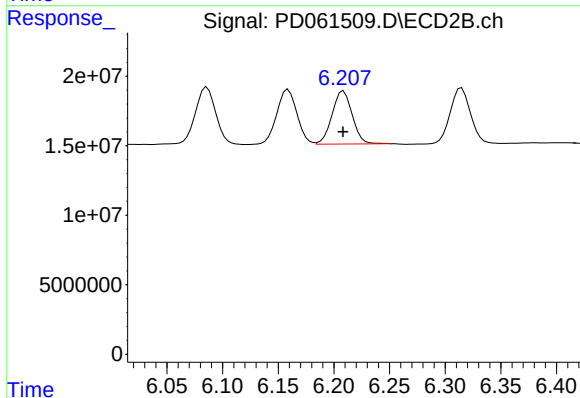
R.T.: 5.852 min  
Delta R.T.: 0.000 min  
Response: 50398717  
Conc: 4.39 ng/ml



#9 Endosulfan I

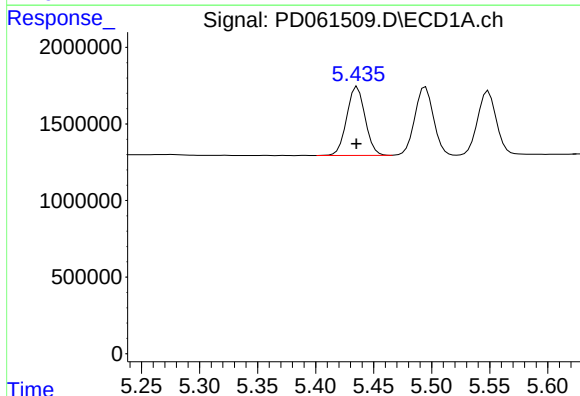
R.T.: 5.549 min  
Delta R.T.: 0.001 min  
Response: 4699208  
Conc: 4.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005



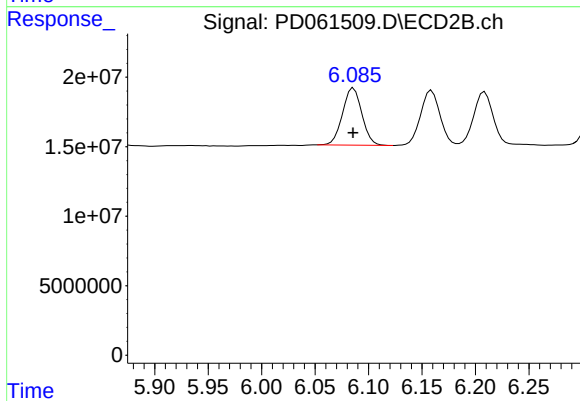
#9 Endosulfan I

R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 47914944  
Conc: 4.34 ng/ml



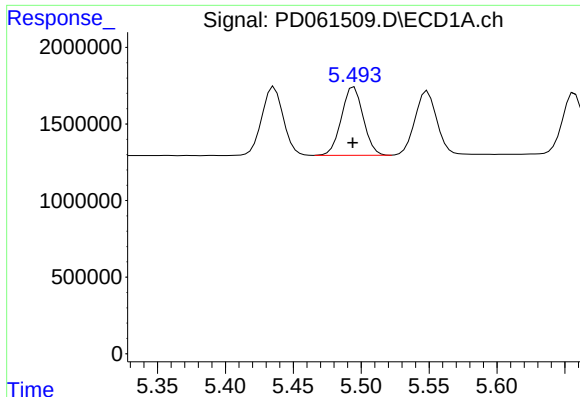
#10 gamma-Chlordane

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 4936299  
Conc: 3.98 ng/ml



#10 gamma-Chlordane

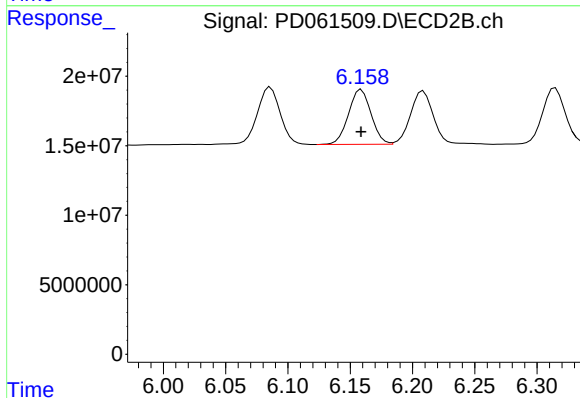
R.T.: 6.086 min  
Delta R.T.: 0.000 min  
Response: 51905268  
Conc: 4.35 ng/ml



#11 alpha-Chlordane

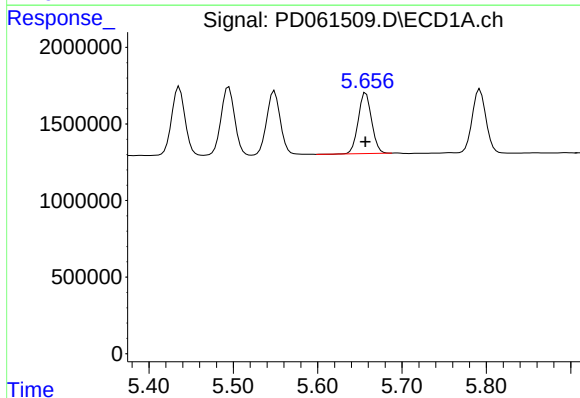
R.T.: 5.495 min  
Delta R.T.: 0.000 min  
Response: 4988183  
Conc: 4.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005



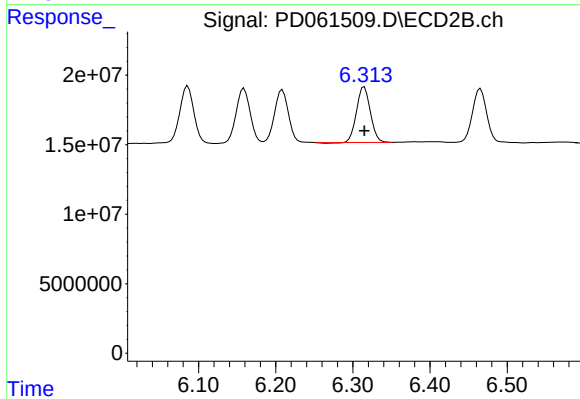
#11 alpha-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 49912565  
Conc: 4.34 ng/ml



#12 4,4'-DDE

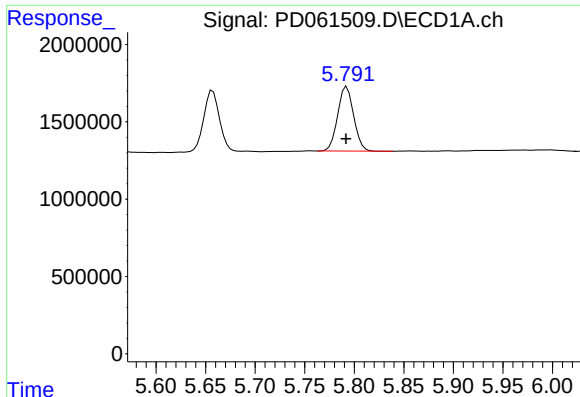
R.T.: 5.657 min  
Delta R.T.: 0.000 min  
Response: 4350740  
Conc: 3.73 ng/ml



#12 4,4'-DDE

R.T.: 6.315 min  
Delta R.T.: 0.000 min  
Response: 49721313  
Conc: 4.24 ng/ml

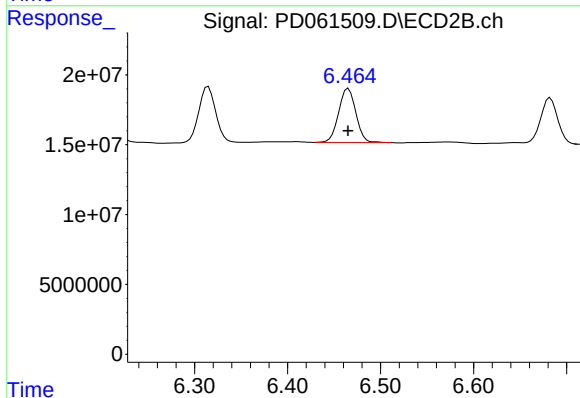




#13 Dieldrin

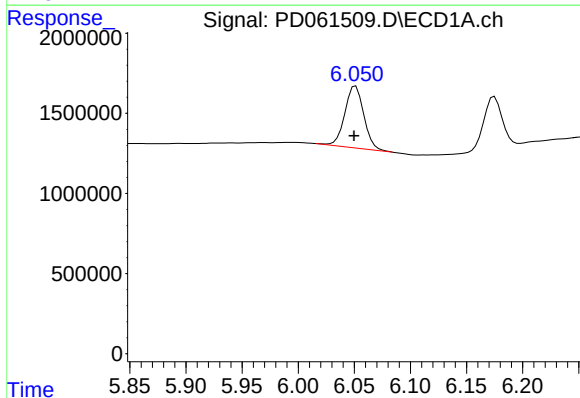
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 4668627  
Conc: 3.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005



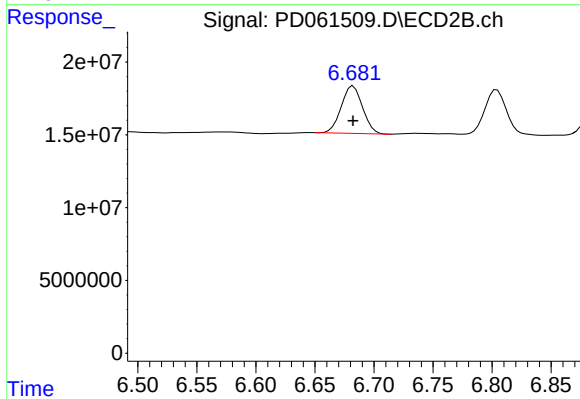
#13 Dieldrin

R.T.: 6.465 min  
Delta R.T.: 0.000 min  
Response: 49734792  
Conc: 4.24 ng/ml



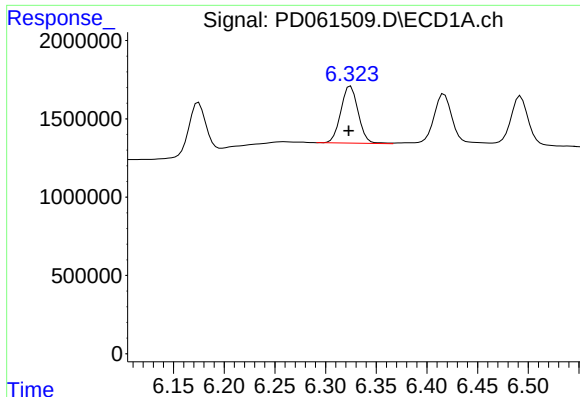
#14 Endrin

R.T.: 6.051 min  
Delta R.T.: 0.001 min  
Response: 4509665  
Conc: 4.03 ng/ml



#14 Endrin

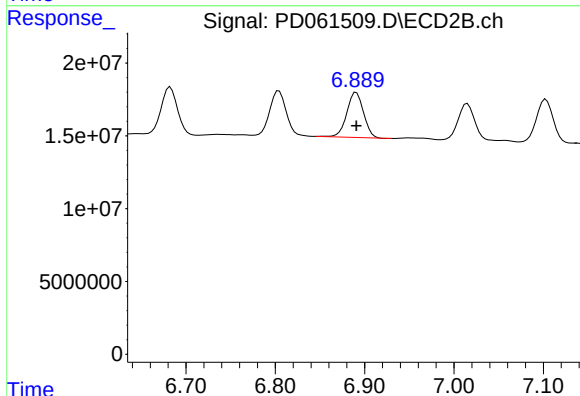
R.T.: 6.683 min  
Delta R.T.: 0.000 min  
Response: 40885936  
Conc: 4.04 ng/ml



#15 Endosulfan II

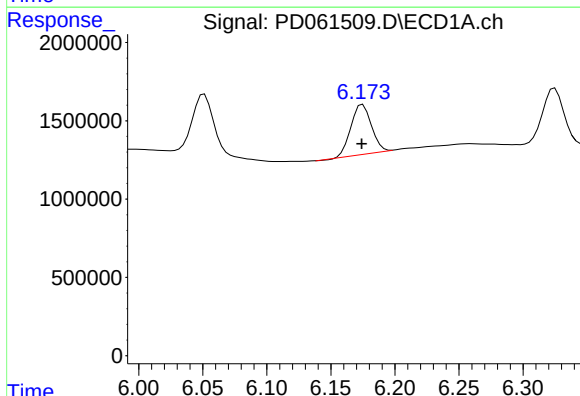
R.T.: 6.325 min  
Delta R.T.: 0.002 min  
Response: 4336672  
Conc: 4.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005



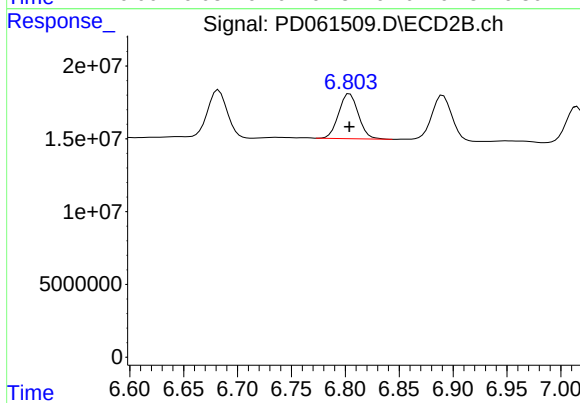
#15 Endosulfan II

R.T.: 6.891 min  
Delta R.T.: 0.000 min  
Response: 40183569  
Conc: 4.13 ng/ml



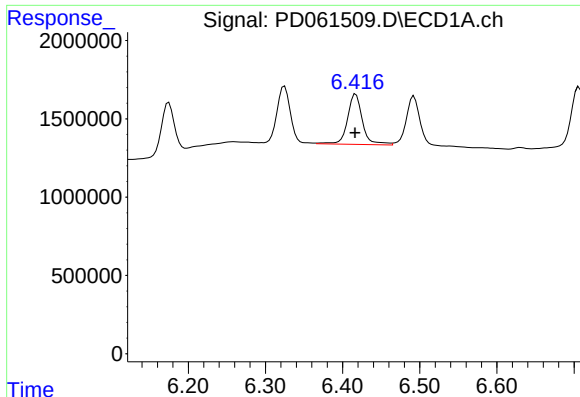
#16 4,4'-DDD

R.T.: 6.175 min  
Delta R.T.: 0.000 min  
Response: 3506673  
Conc: 3.54 ng/ml



#16 4,4'-DDD

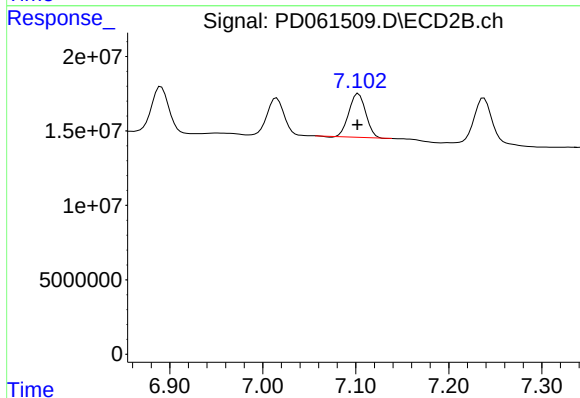
R.T.: 6.804 min  
Delta R.T.: 0.000 min  
Response: 39128307  
Conc: 4.07 ng/ml



#17 4,4'-DDT

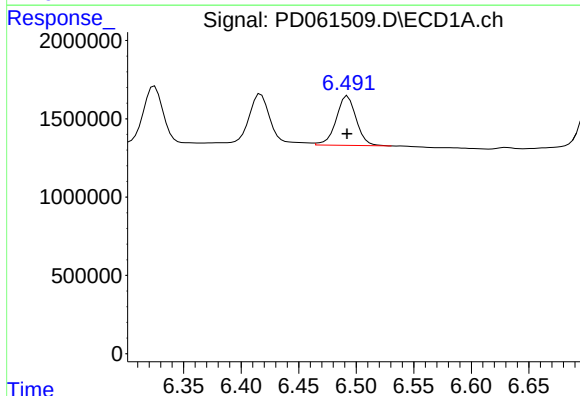
R.T.: 6.417 min  
Delta R.T.: 0.000 min  
Response: 4306303  
Conc: 4.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005



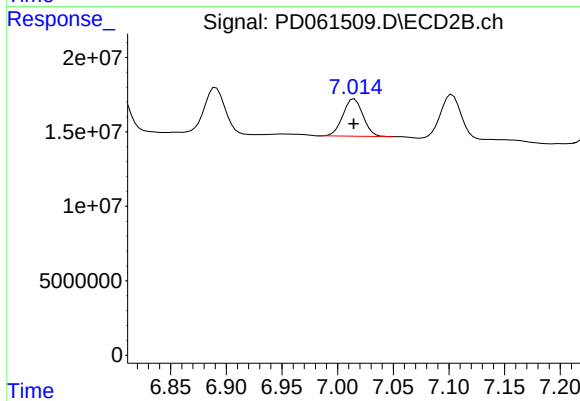
#17 4,4'-DDT

R.T.: 7.103 min  
Delta R.T.: 0.001 min  
Response: 36638793  
Conc: 3.64 ng/ml



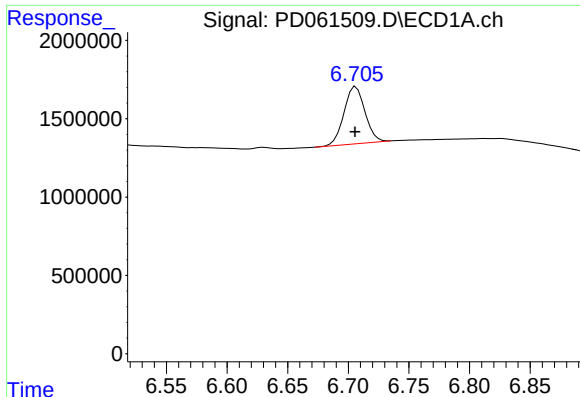
#18 Endrin aldehyde

R.T.: 6.492 min  
Delta R.T.: 0.000 min  
Response: 3825095  
Conc: 4.31 ng/ml



#18 Endrin aldehyde

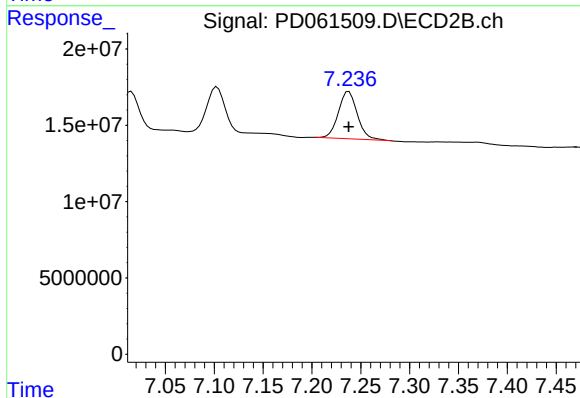
R.T.: 7.015 min  
Delta R.T.: 0.000 min  
Response: 31443002  
Conc: 4.07 ng/ml



#19 Endosulfan Sulfate

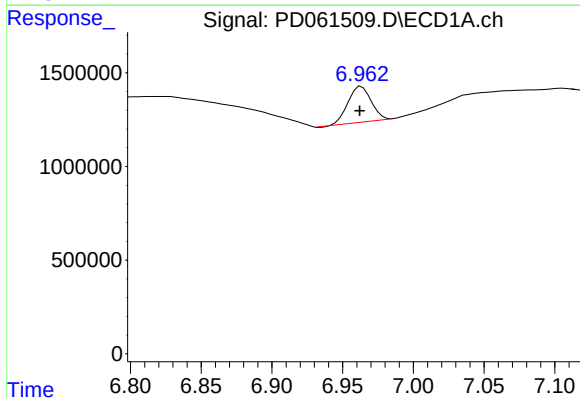
R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 4383412  
Conc: 3.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005



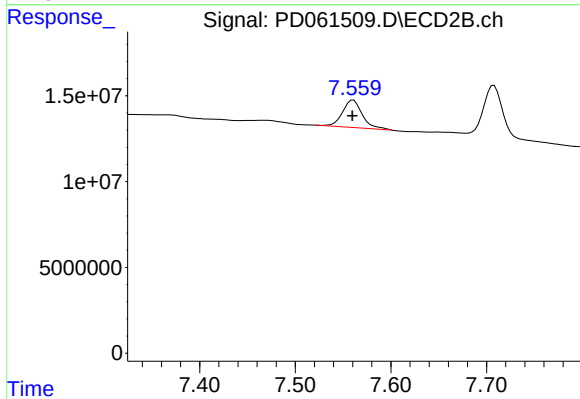
#19 Endosulfan Sulfate

R.T.: 7.238 min  
Delta R.T.: 0.000 min  
Response: 41871559  
Conc: 4.29 ng/ml



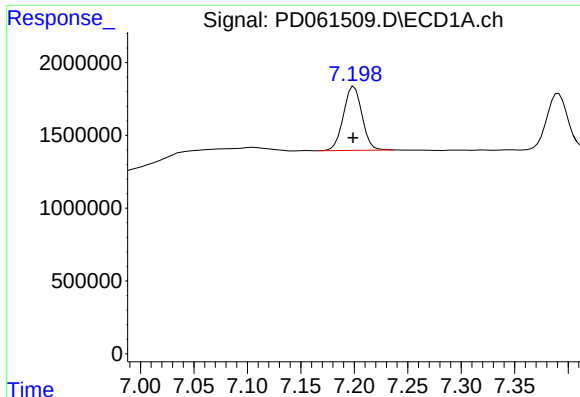
#20 Methoxychlor

R.T.: 6.963 min  
Delta R.T.: 0.001 min  
Response: 2158865  
Conc: 3.58 ng/ml



#20 Methoxychlor

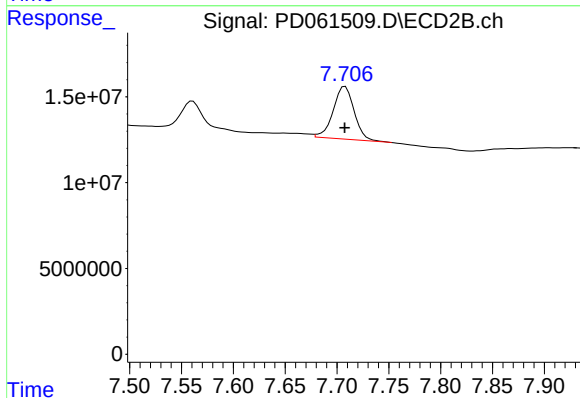
R.T.: 7.561 min  
Delta R.T.: 0.000 min  
Response: 22696827  
Conc: 4.72 ng/ml



#21 Endrin ketone

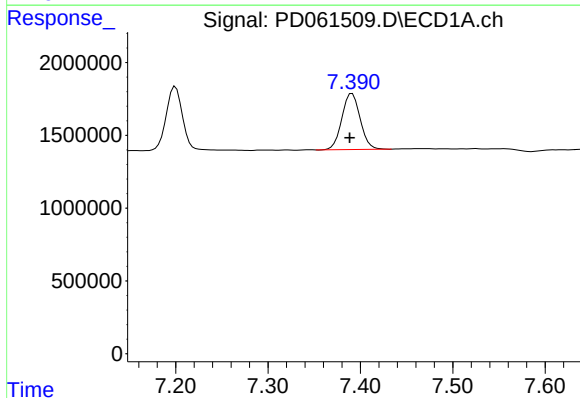
R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 5312476  
Conc: 4.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005



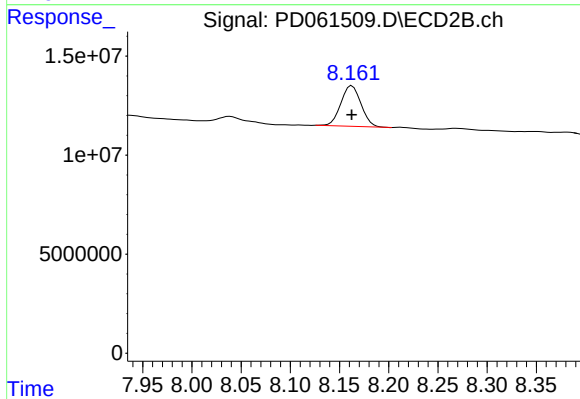
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: 0.000 min  
Response: 42975382  
Conc: 4.44 ng/ml



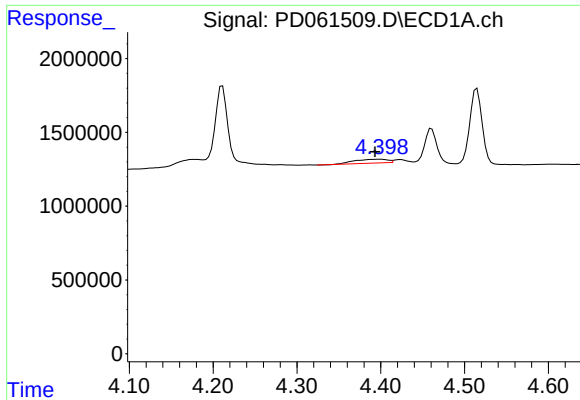
#22 Mirex

R.T.: 7.391 min  
Delta R.T.: 0.002 min  
Response: 5315735  
Conc: 4.99 ng/ml



#22 Mirex

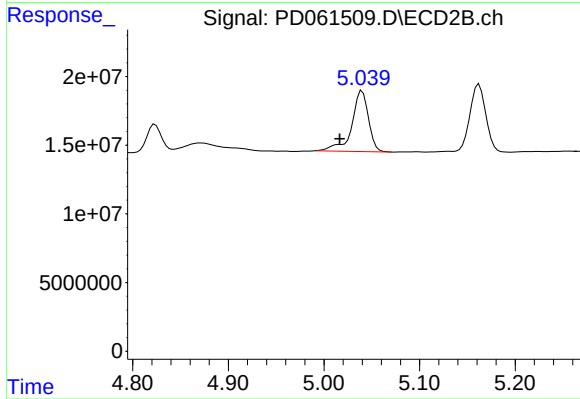
R.T.: 8.163 min  
Delta R.T.: 0.000 min  
Response: 29377627  
Conc: 4.43 ng/ml



#23 Chlordane-1

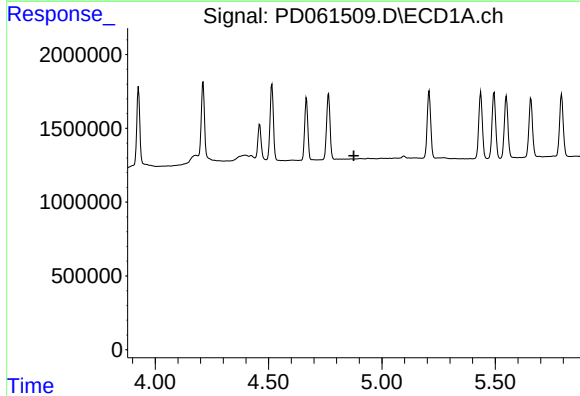
R.T.: 4.400 min  
Delta R.T.: 0.007 min  
Response: 707010  
Conc: 56.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC005



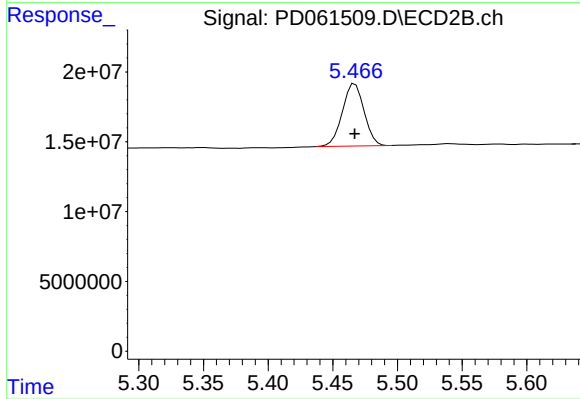
#23 Chlordane-1

R.T.: 5.040 min  
Delta R.T.: 0.024 min  
Response: 53712013  
Conc: 421.28 ng/ml



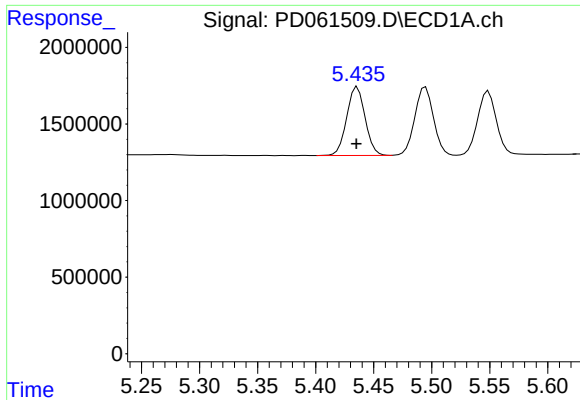
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.876 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

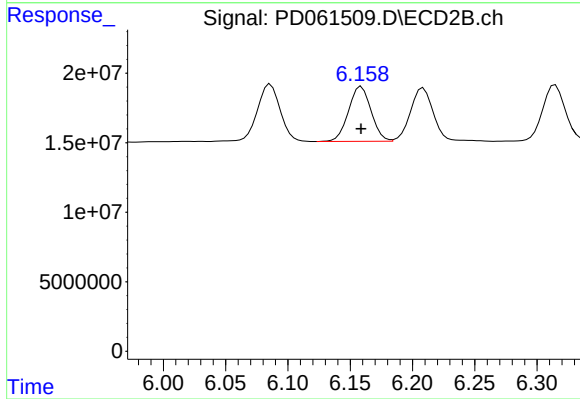
R.T.: 5.467 min  
Delta R.T.: 0.000 min  
Response: 52133795  
Conc: 36.65 ng/ml



#25 Chlordane-3

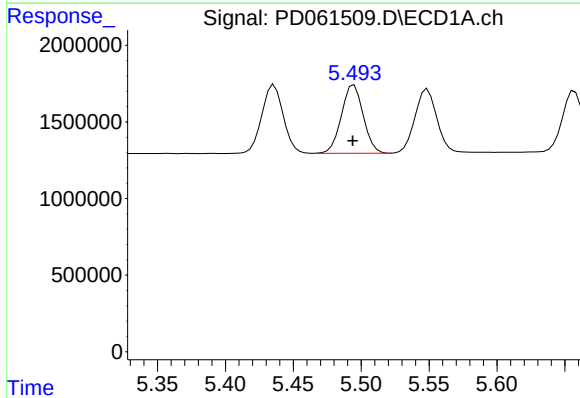
R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 4936299  
Conc: 36.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005



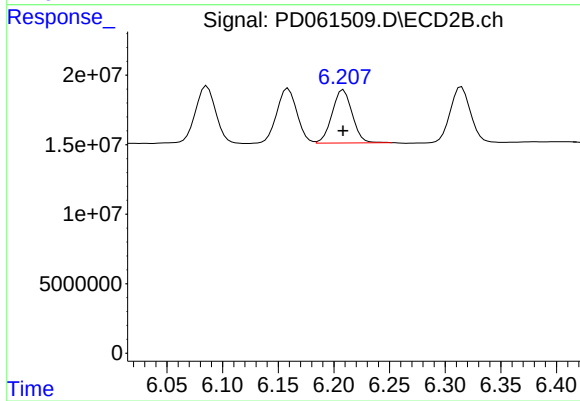
#25 Chlordane-3

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 49912565  
Conc: 38.56 ng/ml



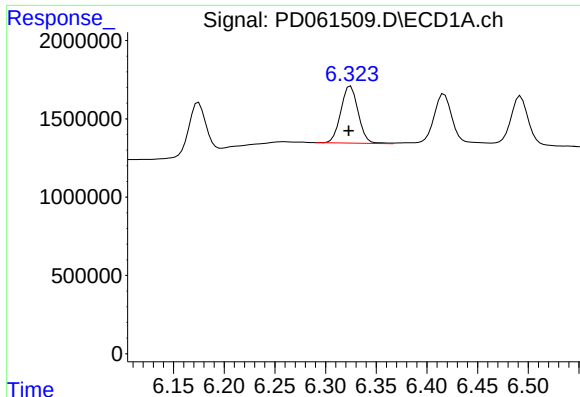
#26 Chlordane-4

R.T.: 5.495 min  
Delta R.T.: 0.000 min  
Response: 4988183  
Conc: 36.41 ng/ml



#26 Chlordane-4

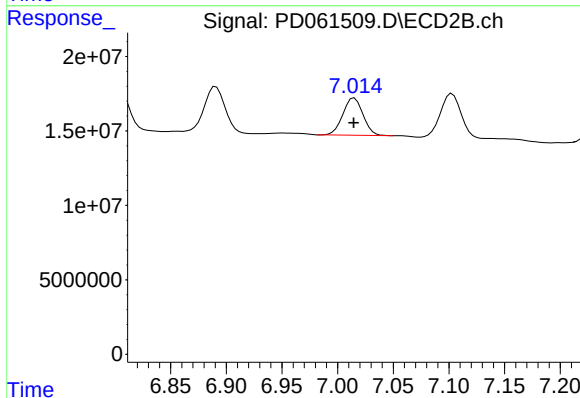
R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 47914944  
Conc: 37.59 ng/ml



#27 Chlordane-5

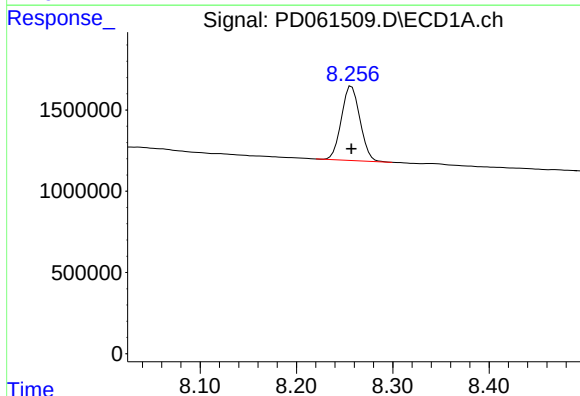
R.T.: 6.325 min  
Delta R.T.: 0.002 min  
Response: 4336672  
Conc: 35.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDIC005



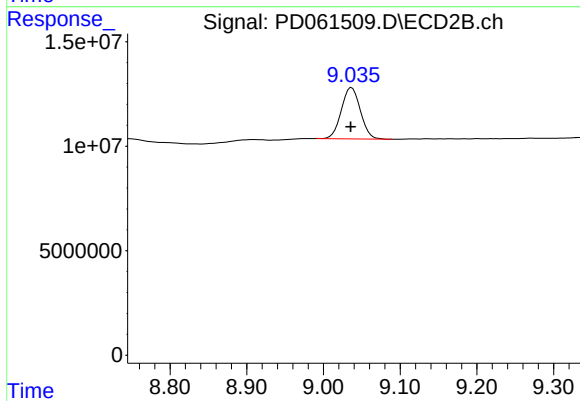
#27 Chlordane-5

R.T.: 7.015 min  
Delta R.T.: 0.000 min  
Response: 31443002  
Conc: 34.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.257 min  
Delta R.T.: 0.000 min  
Response: 6090020  
Conc: 4.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.037 min  
Delta R.T.: 0.001 min  
Response: 42346293  
Conc: 4.53 ng/ml