

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031821\  
 Data File : PD061742.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Mar 2021 20:02  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 19 06:37:56 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031721.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 18 07:52:17 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  | 49523781 | 499.0E6 | 57.939   | 58.169     |
| 28)                         | SA Decachlor... | 8.260  | 9.042  | 65367188 | 468.8E6 | 53.412   | 53.928     |
| Target Compounds            |                 |        |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.925  | 4.371  | 77246240 | 782.0E6 | 59.397   | 61.495     |
| 3)                          | MA gamma-BHC... | 4.210  | 4.655  | 72054727 | 702.6E6 | 59.693   | 60.303     |
| 4)                          | MA Heptachlor   | 4.514  | 5.163  | 68143656 | 692.3E6 | 57.874   | 57.237     |
| 5)                          | MB Aldrin       | 4.764  | 5.468  | 71668315 | 705.2E6 | 59.190   | 58.694     |
| 6)                          | B beta-BHC      | 4.460  | 4.824  | 31934153 | 291.2E6 | 56.916   | 60.300     |
| 7)                          | B delta-BHC     | 4.667  | 5.041  | 73176310 | 716.4E6 | 59.199   | 59.396     |
| 8)                          | B Heptachlo...  | 5.208  | 5.855  | 66838436 | 638.1E6 | 57.932   | 59.884     |
| 9)                          | A Endosulfan I  | 5.549  | 6.211  | 64013931 | 600.6E6 | 57.800   | 57.473     |
| 10)                         | B gamma-Chl...  | 5.436  | 6.089  | 68994211 | 659.7E6 | 58.115   | 58.455     |
| 11)                         | B alpha-Chl...  | 5.495  | 6.161  | 68042773 | 628.9E6 | 58.056   | 57.583     |
| 12)                         | B 4,4'-DDE      | 5.658  | 6.318  | 66129901 | 637.0E6 | 58.265   | 57.429     |
| 13)                         | MA Dieldrin     | 5.793  | 6.468  | 68544477 | 638.9E6 | 58.664   | 57.222     |
| 14)                         | MA Endrin       | 6.052  | 6.686  | 47212668 | 415.4E6 | 44.884   | 44.364     |
| 15)                         | B Endosulfa...  | 6.325  | 6.894  | 58685146 | 512.9E6 | 56.791   | 55.324     |
| 16)                         | A 4,4'-DDD      | 6.175  | 6.807  | 60101925 | 549.0E6 | 62.761   | 60.723     |
| 17)                         | MA 4,4'-DDT     | 6.417  | 7.106  | 50944338 | 476.9E6 | 50.683   | 48.375     |
| 18)                         | B Endrin al...  | 6.494  | 7.018  | 50067430 | 437.0E6 | 57.427   | 57.517     |
| 19)                         | B Endosulfa...  | 6.707  | 7.241  | 60107201 | 525.9E6 | 55.663   | 54.370     |
| 20)                         | A Methoxychlor  | 6.963  | 7.564  | 27628321 | 219.4E6 | 50.473   | 47.322     |
| 21)                         | B Endrin ke...  | 7.201  | 7.712  | 82236247 | 566.9E6 | 63.342   | 58.930     |
| 22)                         | Mirex           | 7.392  | 8.167  | 51506898 | 308.4E6 | 53.764   | 52.555     |
| 23)                         | Chlordane-1     | 4.387f | 4.955f | 602426   | 859643  | 18.237   | 2.326 #    |
| 24)                         | Chlordane-2     | 0.000  | 5.468f | 0        | 705.2E6 | N.D.     | 1882.103 # |
| 25)                         | Chlordane-3     | 5.436  | 6.089  | 68994211 | 659.7E6 | 585.054  | 412.341 #  |
| 26)                         | Chlordane-4     | 5.495  | 6.161  | 68042773 | 628.9E6 | 697.349  | 340.104 #  |
| 27)                         | Chlordane-5     | 6.325  | 0.000  | 58685146 | 0       | 1326.913 | N.D. #     |
| -----                       |                 |        |        |          |         |          |            |

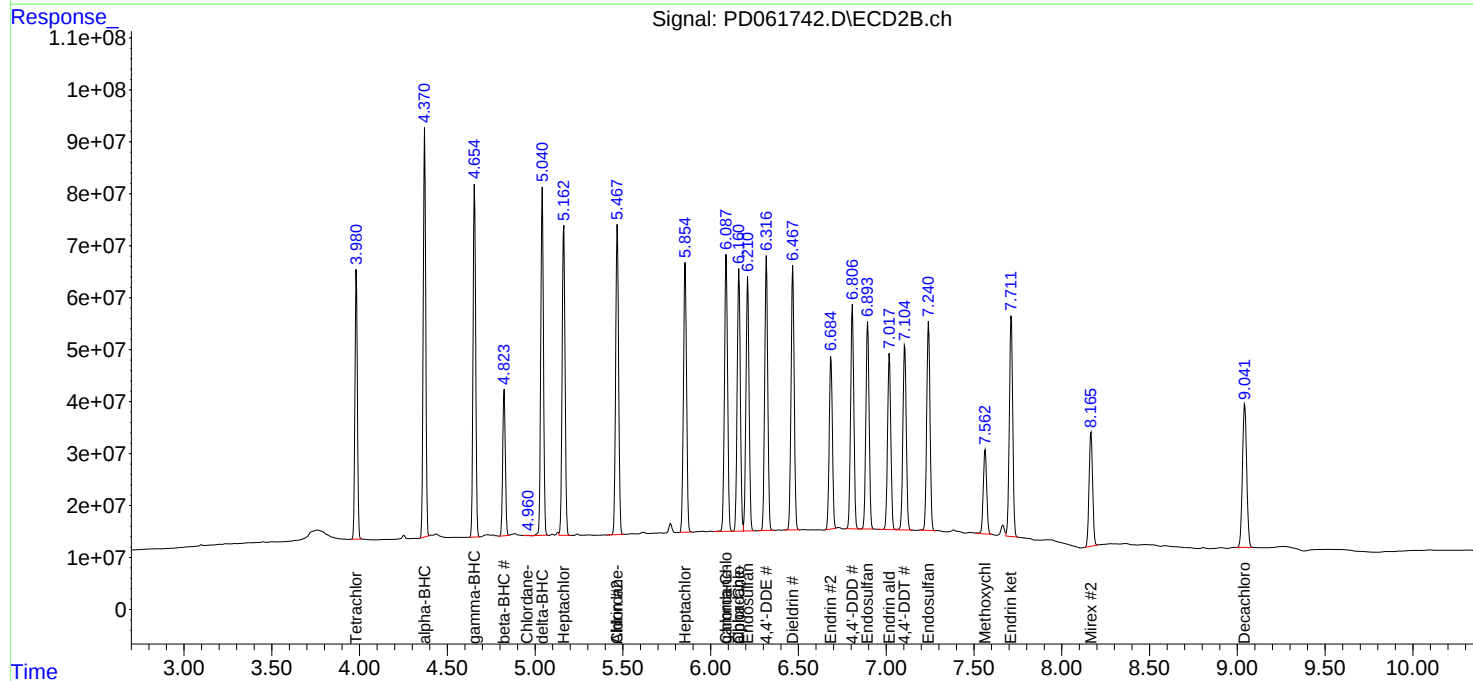
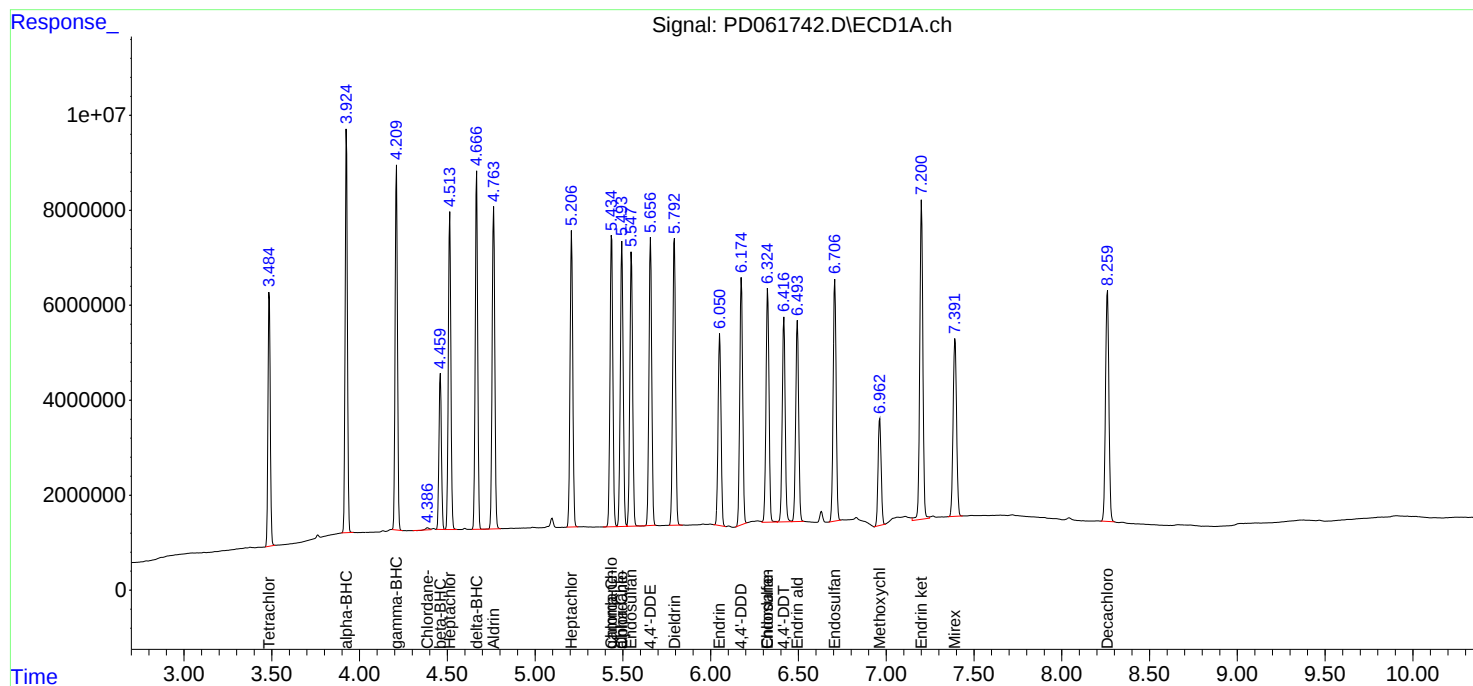
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

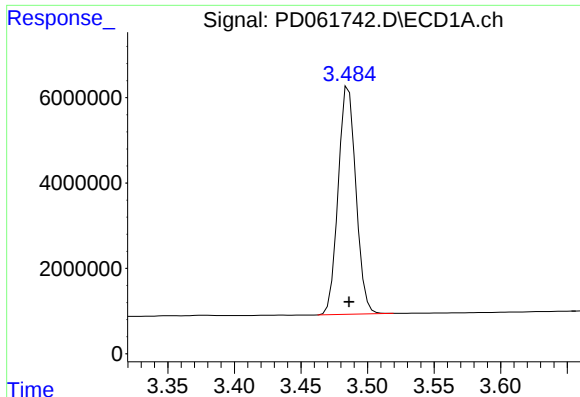
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031821\  
Data File : PD061742.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Mar 2021 20:02  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 19 06:37:56 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031721.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 18 07:52:17 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

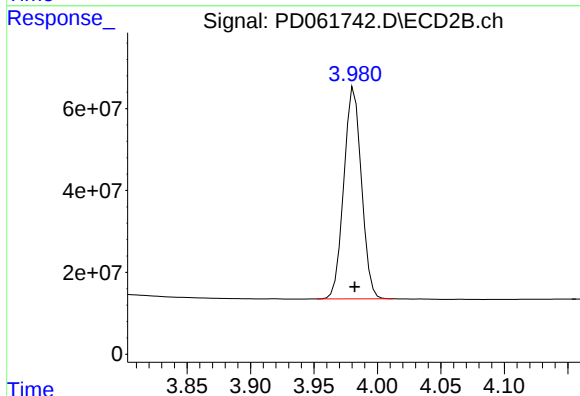




#1 Tetrachloro-m-xylene

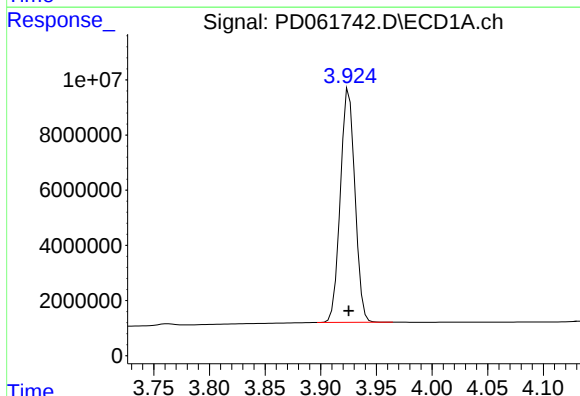
R.T.: 3.486 min  
Delta R.T.: 0.000 min  
Response: 49523781  
Conc: 57.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



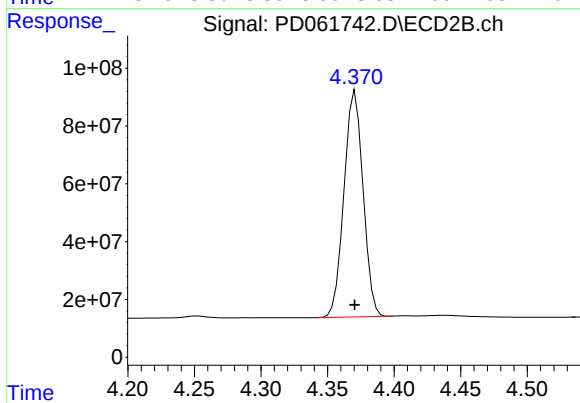
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 499049395  
Conc: 58.17 ng/ml



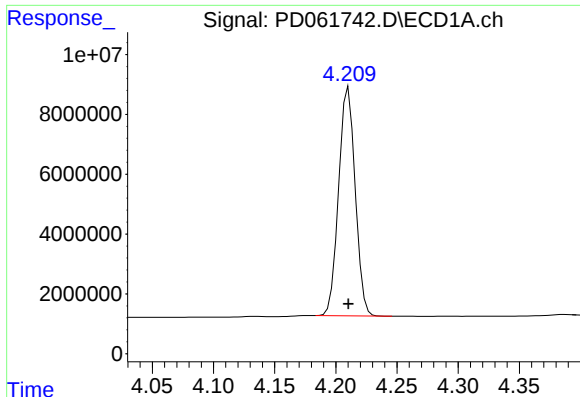
#2 alpha-BHC

R.T.: 3.925 min  
Delta R.T.: 0.000 min  
Response: 77246240  
Conc: 59.40 ng/ml



#2 alpha-BHC

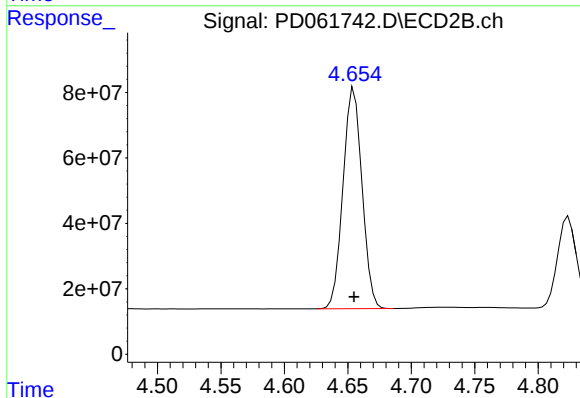
R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 782026231  
Conc: 61.49 ng/ml



#3 gamma-BHC (Lindane)

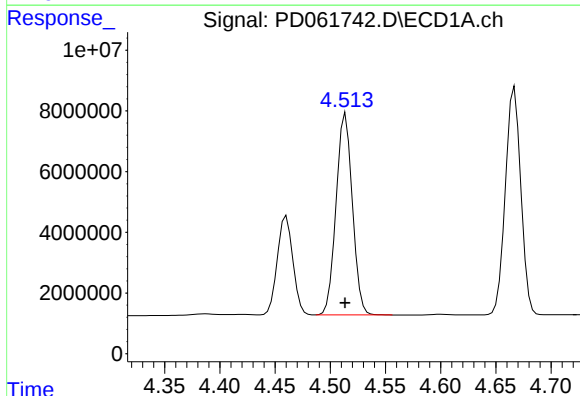
R.T.: 4.210 min  
Delta R.T.: 0.000 min  
Response: 72054727  
Conc: 59.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



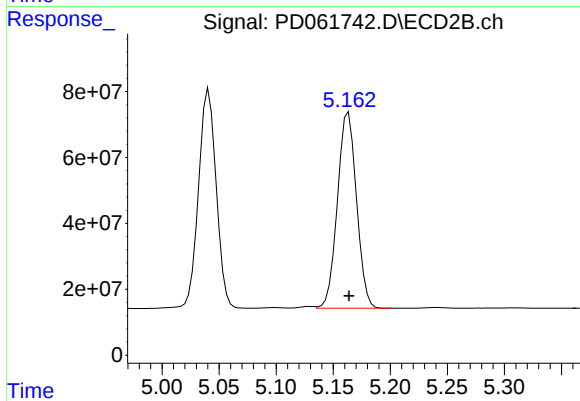
#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 702636464  
Conc: 60.30 ng/ml



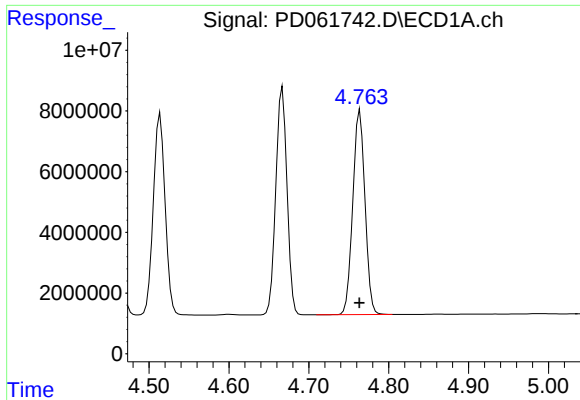
#4 Heptachlor

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 68143656  
Conc: 57.87 ng/ml



#4 Heptachlor

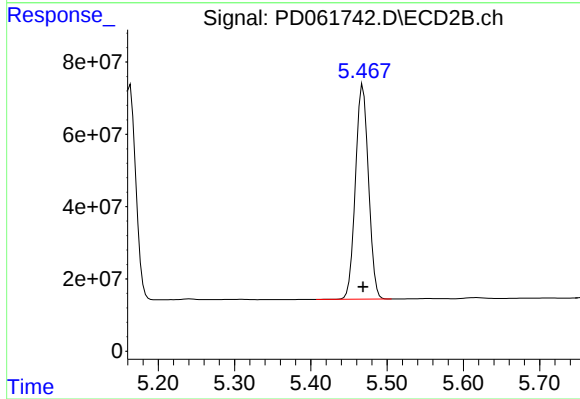
R.T.: 5.163 min  
Delta R.T.: 0.000 min  
Response: 692299435  
Conc: 57.24 ng/ml



#5 Aldrin

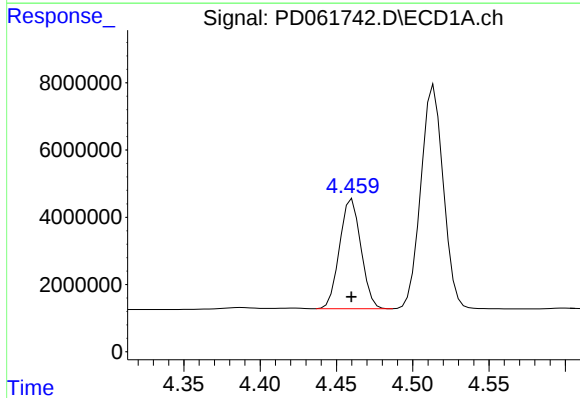
R.T.: 4.764 min  
Delta R.T.: 0.000 min  
Response: 71668315  
Conc: 59.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



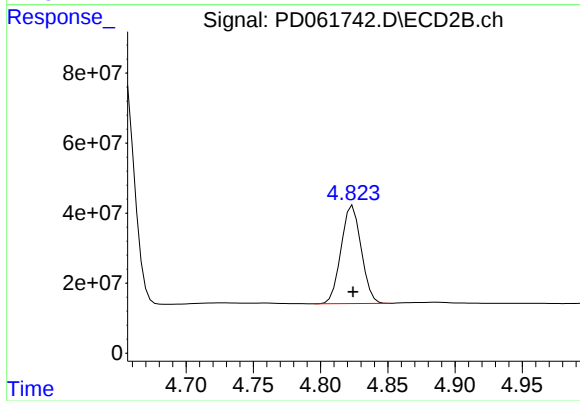
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 705194551  
Conc: 58.69 ng/ml



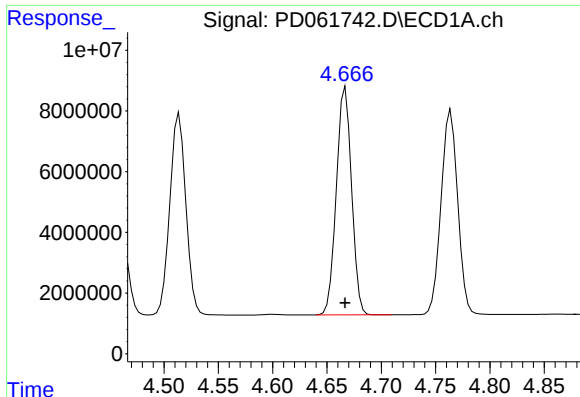
#6 beta-BHC

R.T.: 4.460 min  
Delta R.T.: 0.000 min  
Response: 31934153  
Conc: 56.92 ng/ml



#6 beta-BHC

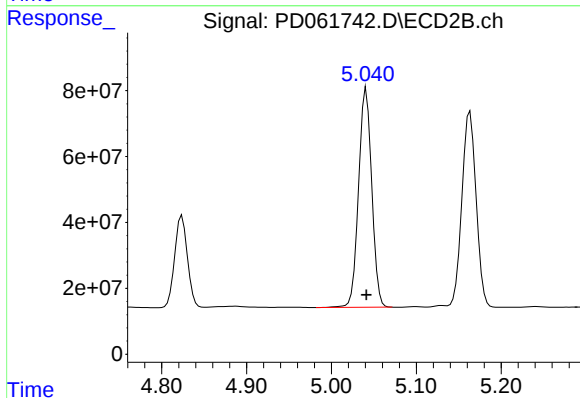
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 291172027  
Conc: 60.30 ng/ml



#7 delta-BHC

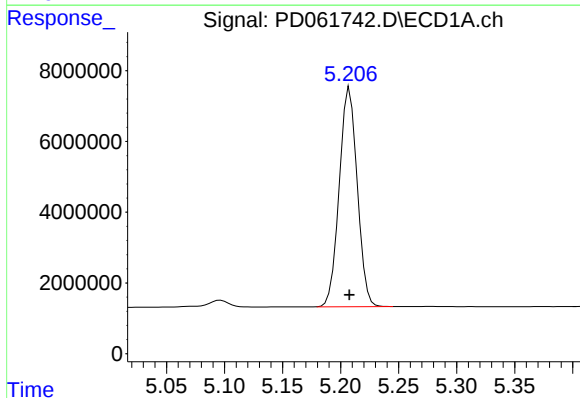
R.T.: 4.667 min  
Delta R.T.: 0.000 min  
Response: 73176310  
Conc: 59.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



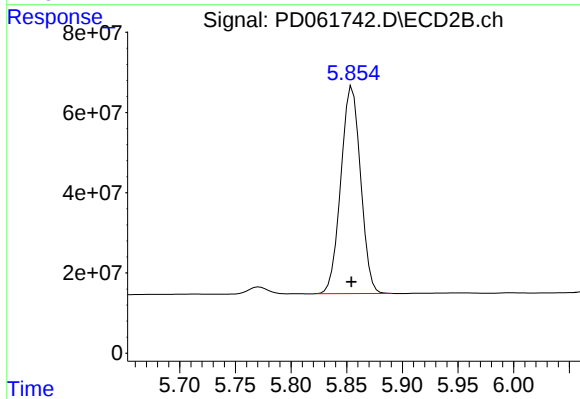
#7 delta-BHC

R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 716384936  
Conc: 59.40 ng/ml



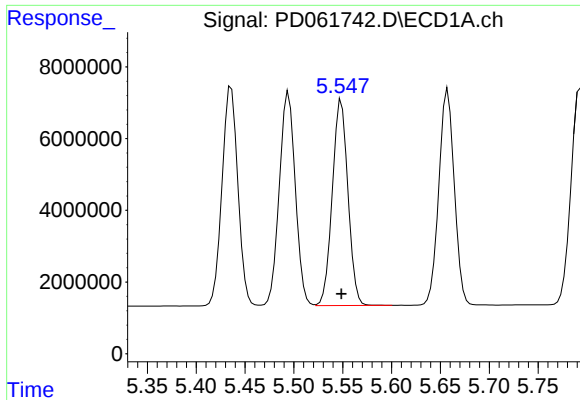
#8 Heptachlor epoxide

R.T.: 5.208 min  
Delta R.T.: 0.000 min  
Response: 66838436  
Conc: 57.93 ng/ml



#8 Heptachlor epoxide

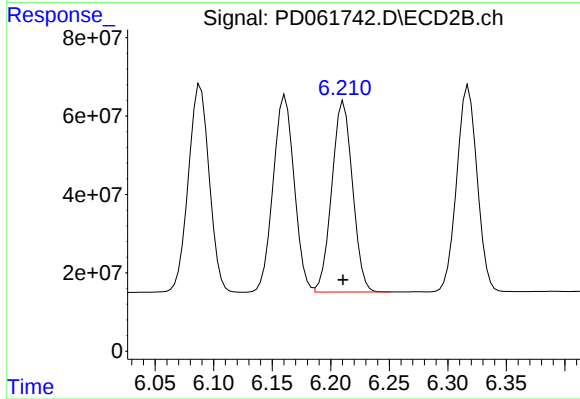
R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 638101297  
Conc: 59.88 ng/ml



#9 Endosulfan I

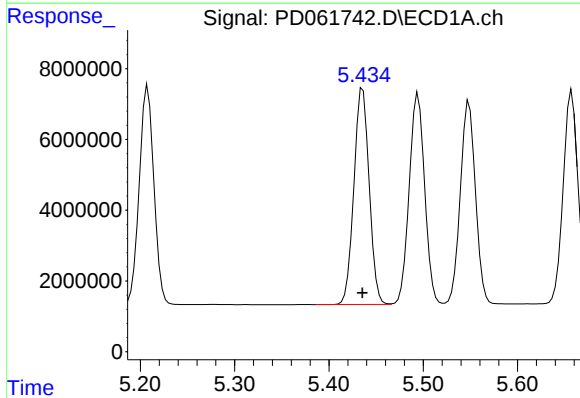
R.T.: 5.549 min  
Delta R.T.: 0.000 min  
Response: 64013931  
Conc: 57.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



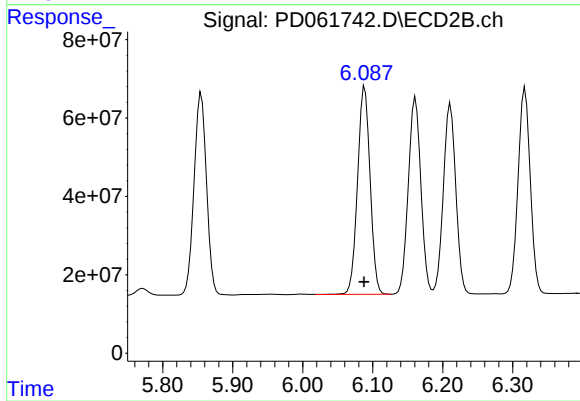
#9 Endosulfan I

R.T.: 6.211 min  
Delta R.T.: 0.000 min  
Response: 600555891  
Conc: 57.47 ng/ml



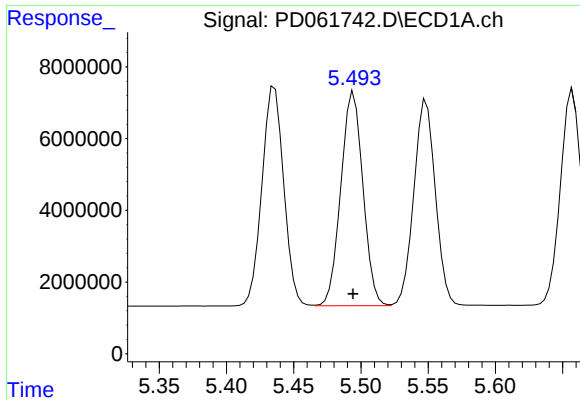
#10 gamma-Chlordane

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 68994211  
Conc: 58.12 ng/ml



#10 gamma-Chlordane

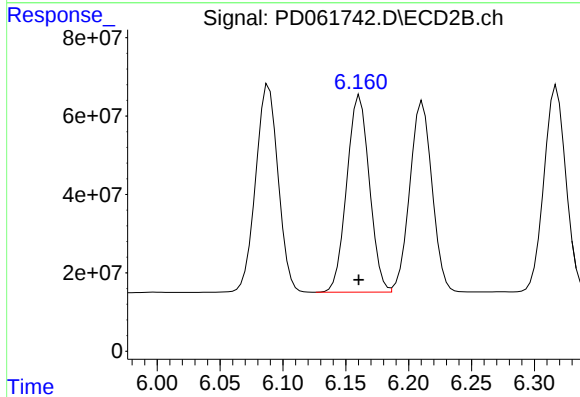
R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 659723873  
Conc: 58.45 ng/ml



#11 alpha-Chlordane

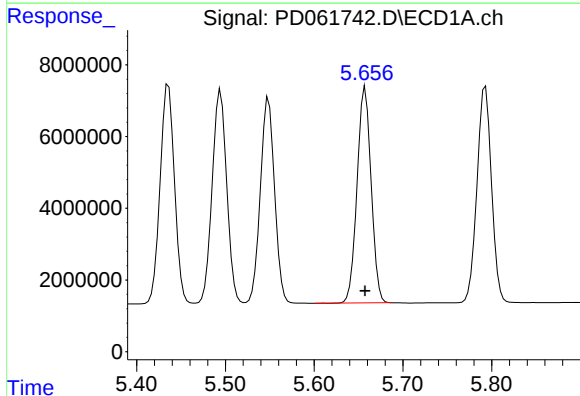
R.T.: 5.495 min  
Delta R.T.: 0.000 min  
Response: 68042773  
Conc: 58.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



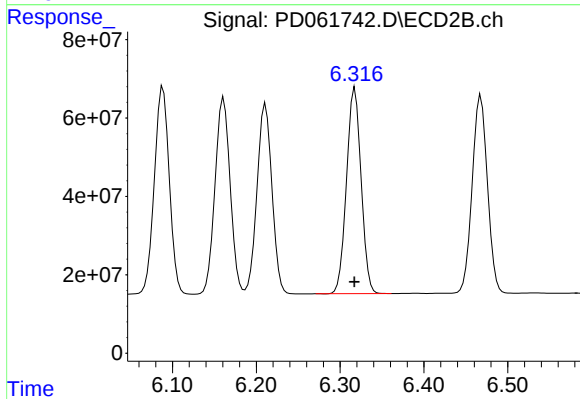
#11 alpha-Chlordane

R.T.: 6.161 min  
Delta R.T.: 0.000 min  
Response: 628857599  
Conc: 57.58 ng/ml



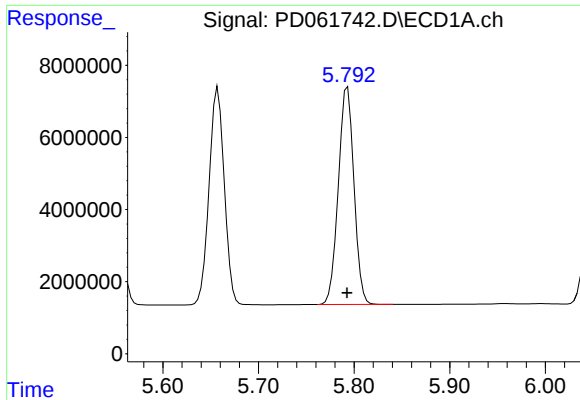
#12 4,4'-DDE

R.T.: 5.658 min  
Delta R.T.: 0.000 min  
Response: 66129901  
Conc: 58.26 ng/ml



#12 4,4'-DDE

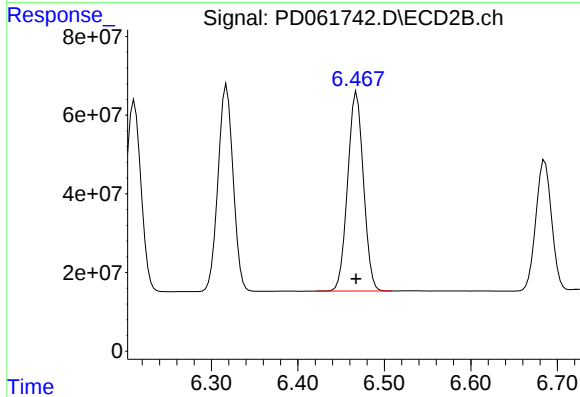
R.T.: 6.318 min  
Delta R.T.: 0.000 min  
Response: 637009636  
Conc: 57.43 ng/ml



#13 Dieldrin

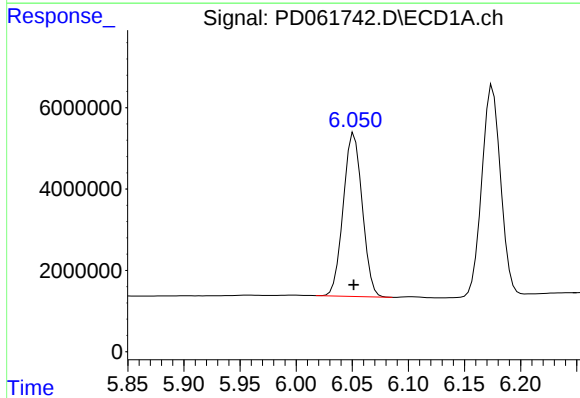
R.T.: 5.793 min  
Delta R.T.: 0.000 min  
Response: 68544477  
Conc: 58.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



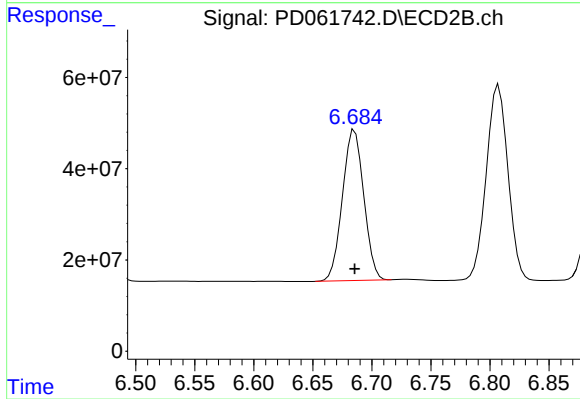
#13 Dieldrin

R.T.: 6.468 min  
Delta R.T.: 0.000 min  
Response: 638894232  
Conc: 57.22 ng/ml



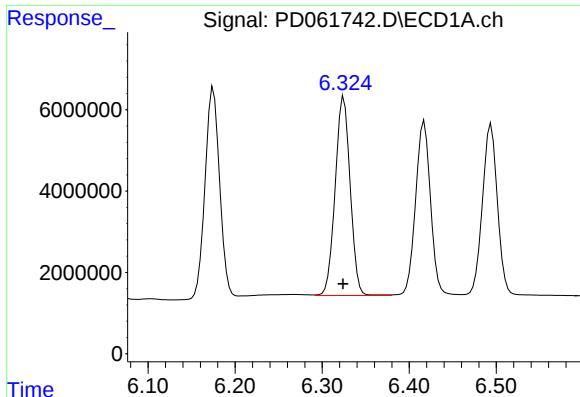
#14 Endrin

R.T.: 6.052 min  
Delta R.T.: 0.000 min  
Response: 47212668  
Conc: 44.88 ng/ml



#14 Endrin

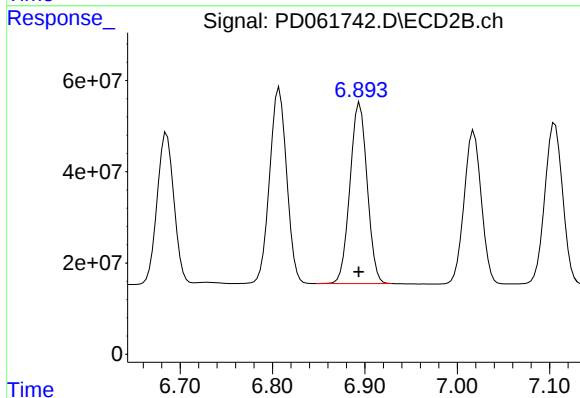
R.T.: 6.686 min  
Delta R.T.: 0.000 min  
Response: 415357403  
Conc: 44.36 ng/ml



#15 Endosulfan II

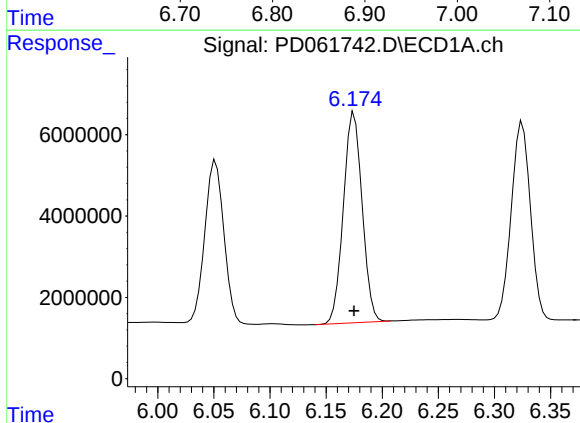
R.T.: 6.325 min  
Delta R.T.: 0.000 min  
Response: 58685146  
Conc: 56.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



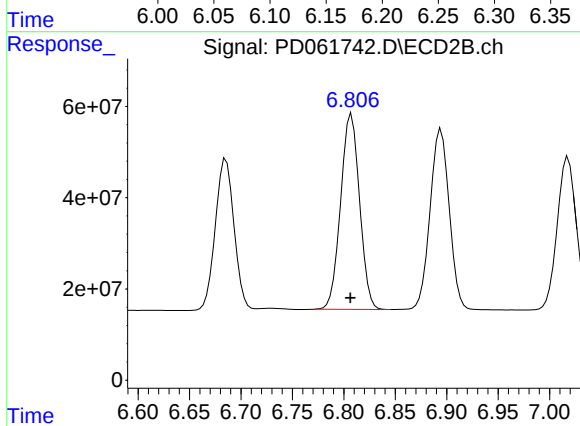
#15 Endosulfan II

R.T.: 6.894 min  
Delta R.T.: 0.001 min  
Response: 512866059  
Conc: 55.32 ng/ml



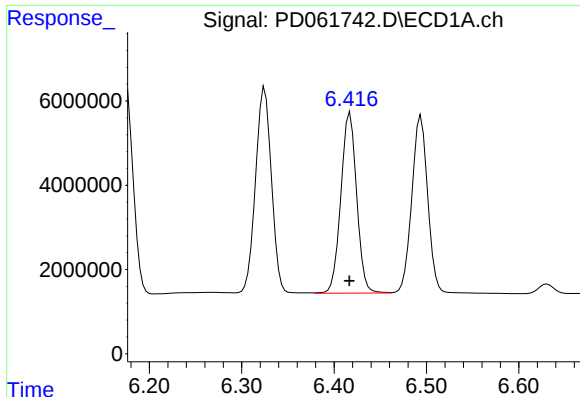
#16 4,4'-DDD

R.T.: 6.175 min  
Delta R.T.: 0.000 min  
Response: 60101925  
Conc: 62.76 ng/ml



#16 4,4'-DDD

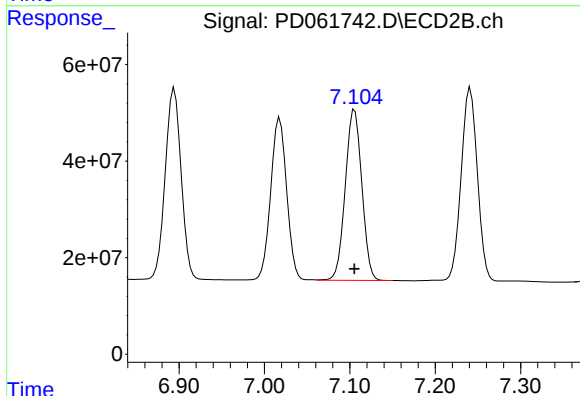
R.T.: 6.807 min  
Delta R.T.: 0.000 min  
Response: 549044653  
Conc: 60.72 ng/ml



#17 4,4'-DDT

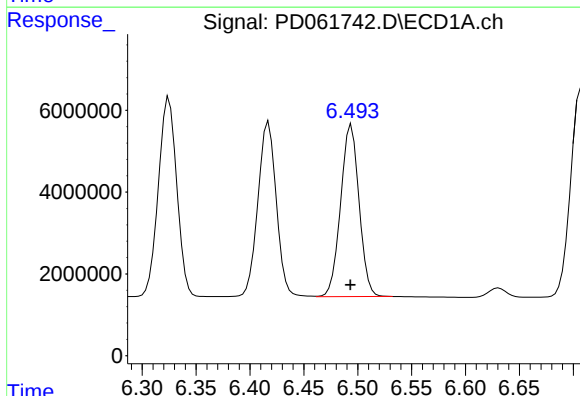
R.T.: 6.417 min  
Delta R.T.: 0.000 min  
Response: 50944338  
Conc: 50.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



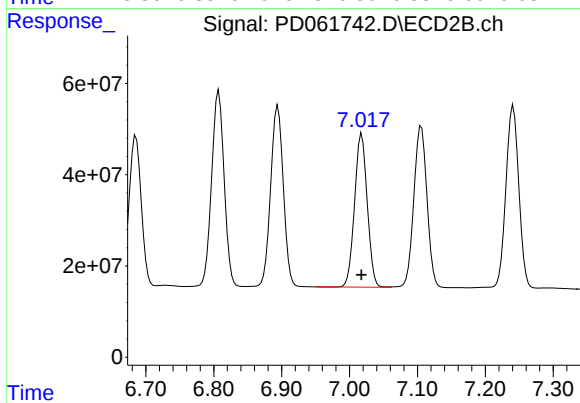
#17 4,4'-DDT

R.T.: 7.106 min  
Delta R.T.: 0.000 min  
Response: 476901526  
Conc: 48.37 ng/ml



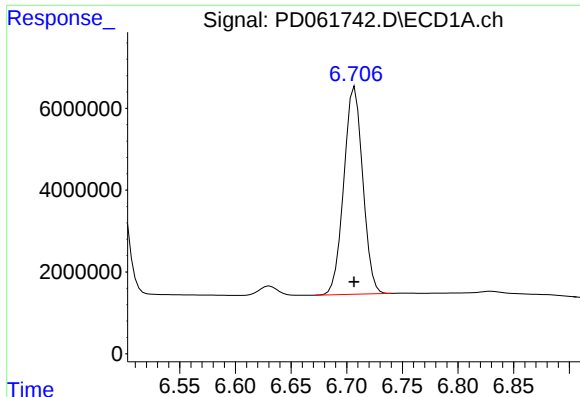
#18 Endrin aldehyde

R.T.: 6.494 min  
Delta R.T.: 0.000 min  
Response: 50067430  
Conc: 57.43 ng/ml



#18 Endrin aldehyde

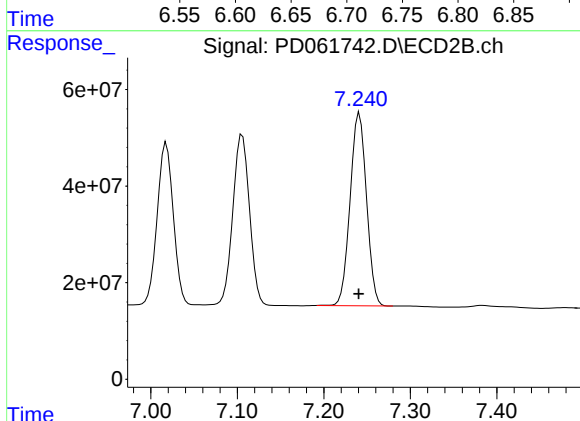
R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 436982008  
Conc: 57.52 ng/ml



#19 Endosulfan Sulfate

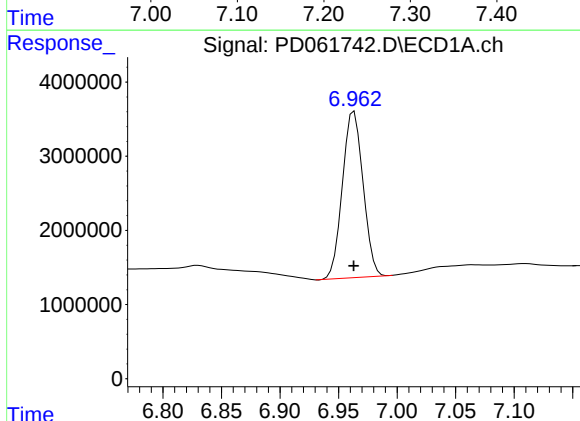
R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 60107201  
Conc: 55.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



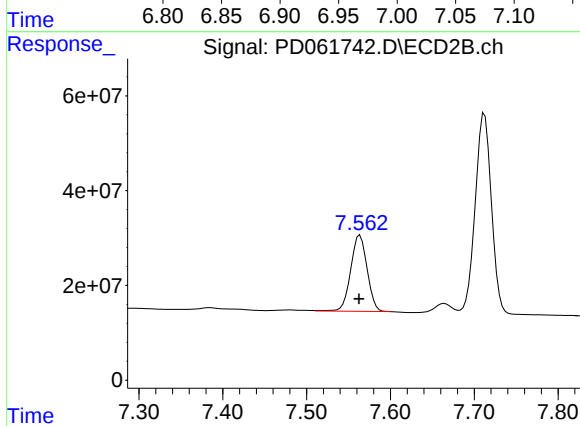
#19 Endosulfan Sulfate

R.T.: 7.241 min  
Delta R.T.: 0.000 min  
Response: 525929525  
Conc: 54.37 ng/ml



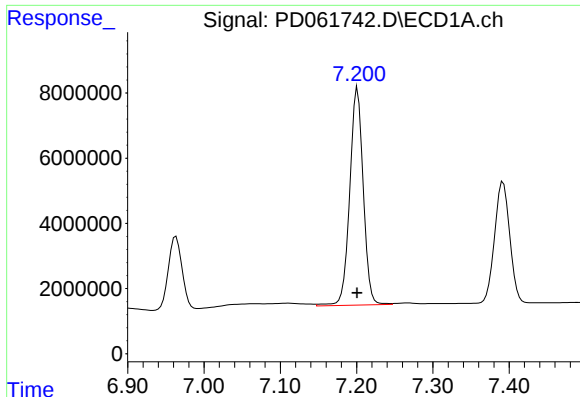
#20 Methoxychlor

R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 27628321  
Conc: 50.47 ng/ml



#20 Methoxychlor

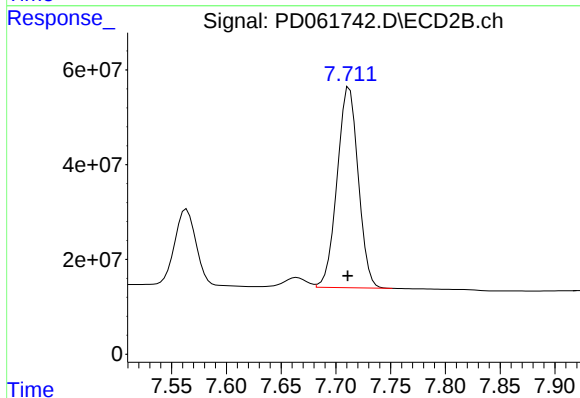
R.T.: 7.564 min  
Delta R.T.: 0.001 min  
Response: 219352258  
Conc: 47.32 ng/ml



#21 Endrin ketone

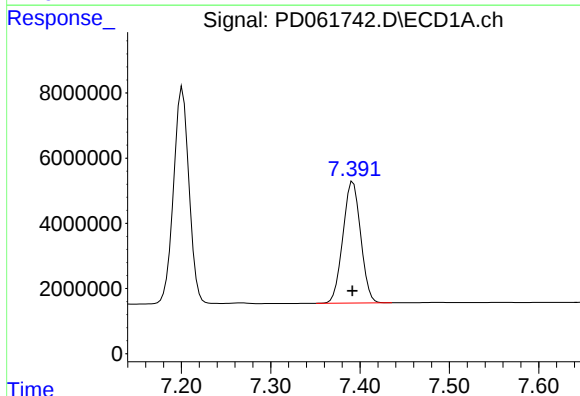
R.T.: 7.201 min  
Delta R.T.: 0.000 min  
Response: 82236247  
Conc: 63.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



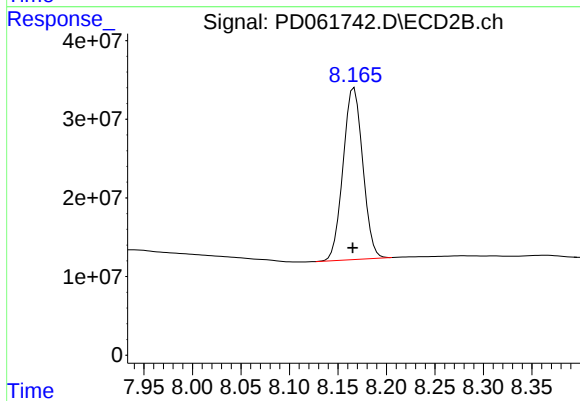
#21 Endrin ketone

R.T.: 7.712 min  
Delta R.T.: 0.002 min  
Response: 566904671  
Conc: 58.93 ng/ml



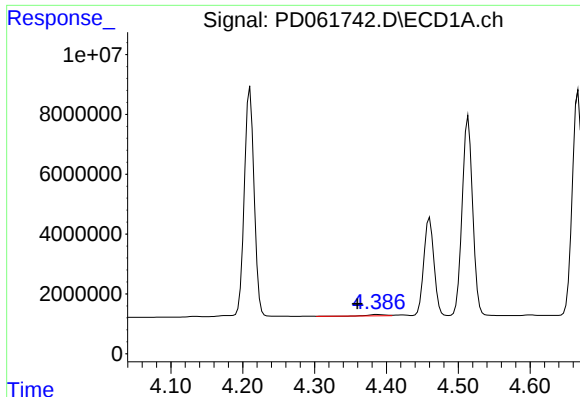
#22 Mirex

R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 51506898  
Conc: 53.76 ng/ml



#22 Mirex

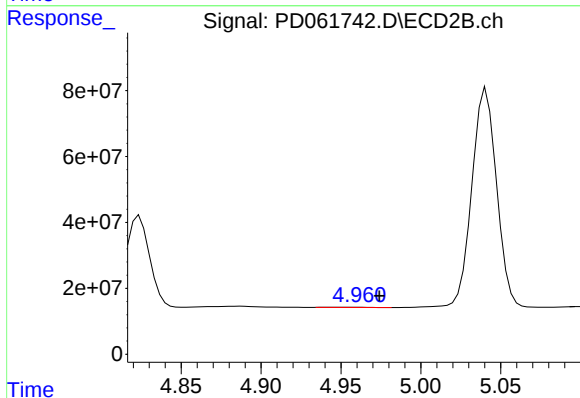
R.T.: 8.167 min  
Delta R.T.: 0.001 min  
Response: 308425603  
Conc: 52.55 ng/ml



#23 Chlordane-1

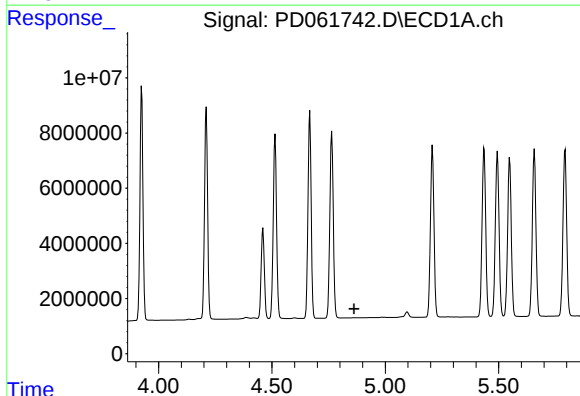
R.T.: 4.387 min  
Delta R.T.: 0.027 min  
Response: 602426  
Conc: 18.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



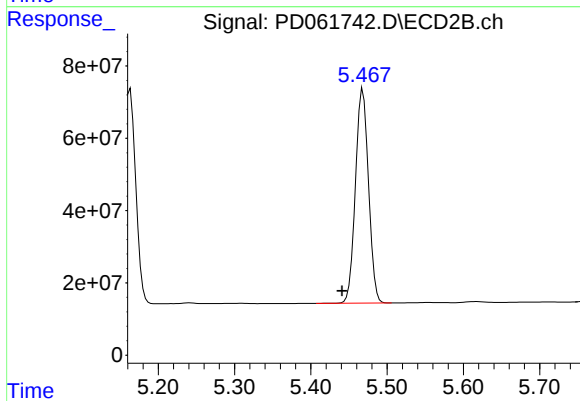
#23 Chlordane-1

R.T.: 4.955 min  
Delta R.T.: -0.019 min  
Response: 859643  
Conc: 2.33 ng/ml



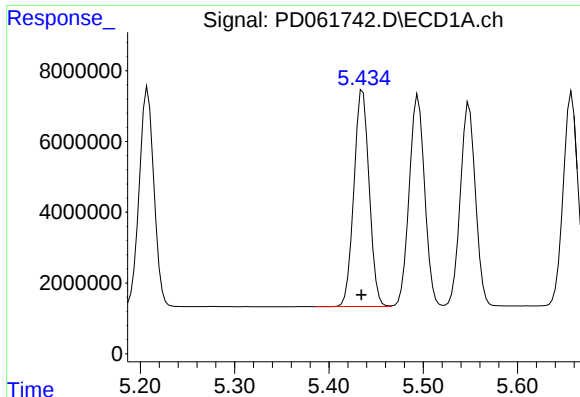
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.863 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

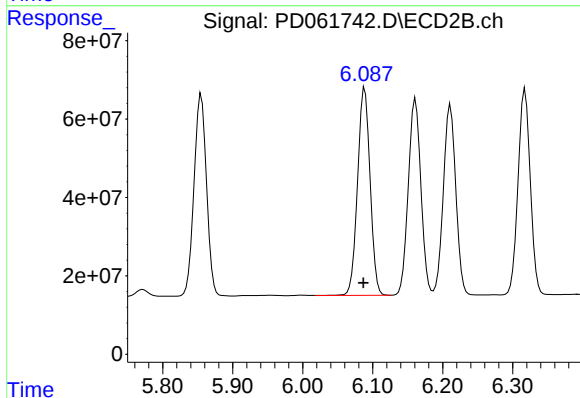
R.T.: 5.468 min  
Delta R.T.: 0.027 min  
Response: 705194551  
Conc: 1882.10 ng/ml



#25 Chlordane-3

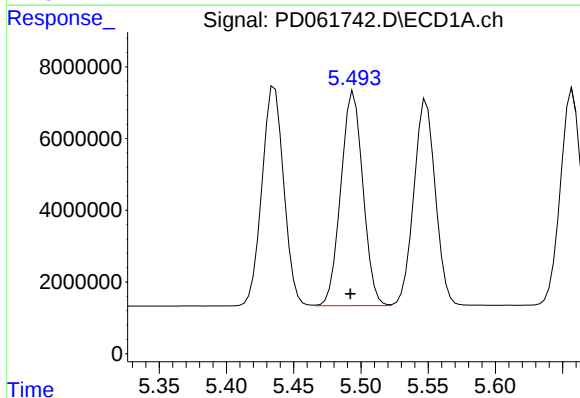
R.T.: 5.436 min  
Delta R.T.: 0.002 min  
Response: 68994211  
Conc: 585.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



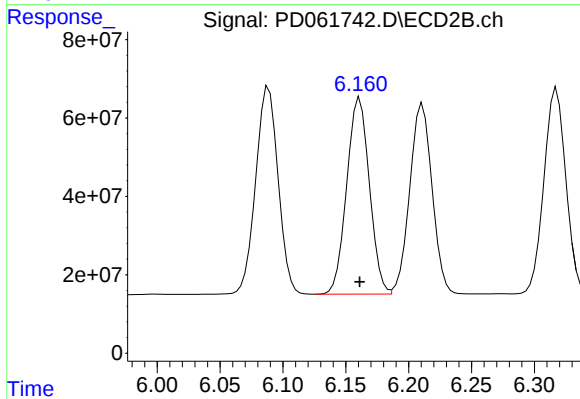
#25 Chlordane-3

R.T.: 6.089 min  
Delta R.T.: 0.002 min  
Response: 659723873  
Conc: 412.34 ng/ml



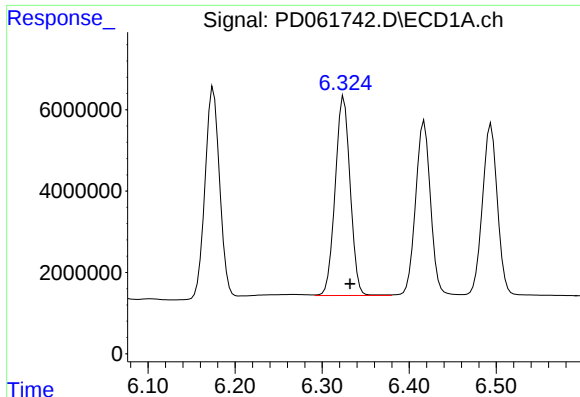
#26 Chlordane-4

R.T.: 5.495 min  
Delta R.T.: 0.002 min  
Response: 68042773  
Conc: 697.35 ng/ml



#26 Chlordane-4

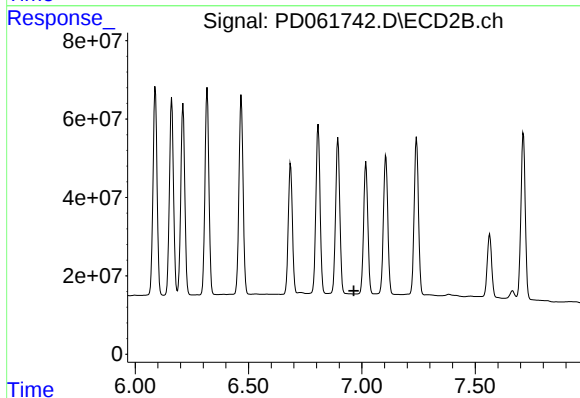
R.T.: 6.161 min  
Delta R.T.: 0.000 min  
Response: 628857599  
Conc: 340.10 ng/ml



#27 Chlordane-5

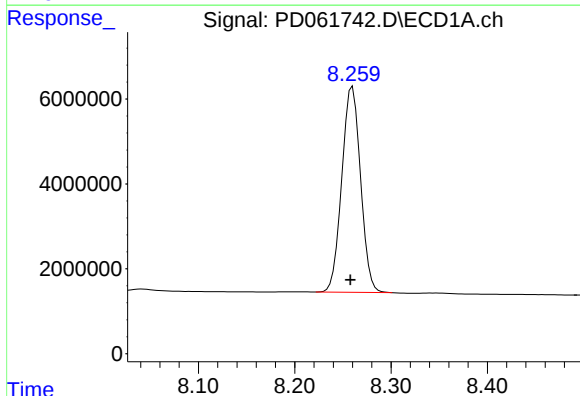
R.T.: 6.325 min  
Delta R.T.: -0.007 min  
Response: 58685146  
Conc: 1326.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



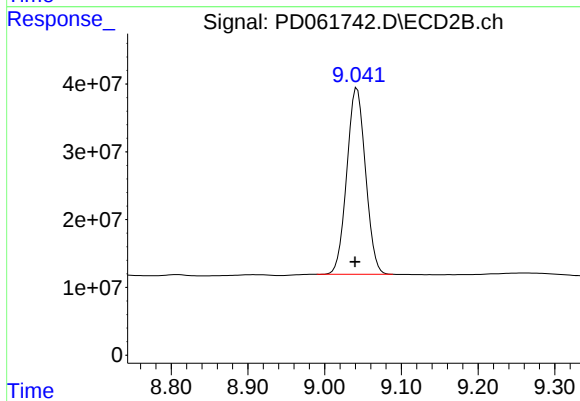
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.965 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.260 min  
Delta R.T.: 0.002 min  
Response: 65367188  
Conc: 53.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.042 min  
Delta R.T.: 0.002 min  
Response: 468803519  
Conc: 53.93 ng/ml