

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070323\  
 Data File : PD076286.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jul 2023 10:53  
 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: Jul 03 21:36:02 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.555 | 2.766 | 103.4E6  | 52796480 | 48.531 | 48.664 |
| 28)                         | SA Decachlor... | 9.101 | 7.915 | 114.0E6  | 49494205 | 44.986 | 50.618 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.012 | 3.269 | 184.2E6  | 80658851 | 49.891 | 50.420 |
| 3)                          | MA gamma-BHC... | 4.346 | 3.599 | 166.7E6  | 74446577 | 49.547 | 50.526 |
| 4)                          | MA Heptachlor   | 4.937 | 3.940 | 169.6E6  | 72924929 | 47.300 | 48.013 |
| 5)                          | MB Aldrin       | 5.280 | 4.220 | 168.9E6  | 74142539 | 48.211 | 49.720 |
| 6)                          | B beta-BHC      | 4.542 | 3.897 | 68372234 | 31521201 | 47.556 | 49.452 |
| 7)                          | B delta-BHC     | 4.791 | 4.127 | 171.2E6  | 75209859 | 51.497 | 51.905 |
| 8)                          | B Heptachlo...  | 5.707 | 4.723 | 152.9E6  | 67003680 | 47.455 | 48.778 |
| 9)                          | A Endosulfan I  | 6.095 | 5.094 | 143.7E6  | 62633948 | 47.894 | 49.001 |
| 10)                         | B gamma-Chl...  | 5.964 | 4.974 | 161.8E6  | 68376353 | 50.227 | 49.833 |
| 11)                         | B alpha-Chl...  | 6.043 | 5.038 | 156.1E6  | 67595465 | 48.284 | 49.276 |
| 12)                         | B 4,4'-DDE      | 6.217 | 5.228 | 141.3E6  | 61228510 | 49.455 | 54.856 |
| 13)                         | MA Dieldrin     | 6.370 | 5.359 | 151.0E6  | 67570948 | 48.319 | 50.083 |
| 14)                         | MA Endrin       | 6.601 | 5.635 | 119.1E6  | 56072484 | 44.522 | 46.075 |
| 15)                         | B Endosulfa...  | 6.820 | 5.930 | 120.0E6  | 54376900 | 46.446 | 50.403 |
| 16)                         | A 4,4'-DDD      | 6.734 | 5.783 | 119.0E6  | 52022595 | 52.308 | 59.031 |
| 17)                         | MA 4,4'-DDT     | 7.049 | 6.035 | 110.2E6  | 45749746 | 48.557 | 56.322 |
| 18)                         | B Endrin al...  | 6.951 | 6.109 | 93420505 | 42545068 | 46.557 | 49.157 |
| 19)                         | B Endosulfa...  | 7.186 | 6.332 | 121.4E6  | 55359609 | 48.191 | 51.230 |
| 20)                         | A Methoxychlor  | 7.525 | 6.610 | 58231097 | 23461931 | 44.987 | 50.691 |
| 21)                         | B Endrin ke...  | 7.672 | 6.839 | 141.9E6  | 64924439 | 50.923 | 53.438 |
| 22)                         | Mirex           | 8.148 | 7.022 | 98822099 | 50471202 | 46.124 | 48.149 |
| -----                       |                 |       |       |          |          |        |        |

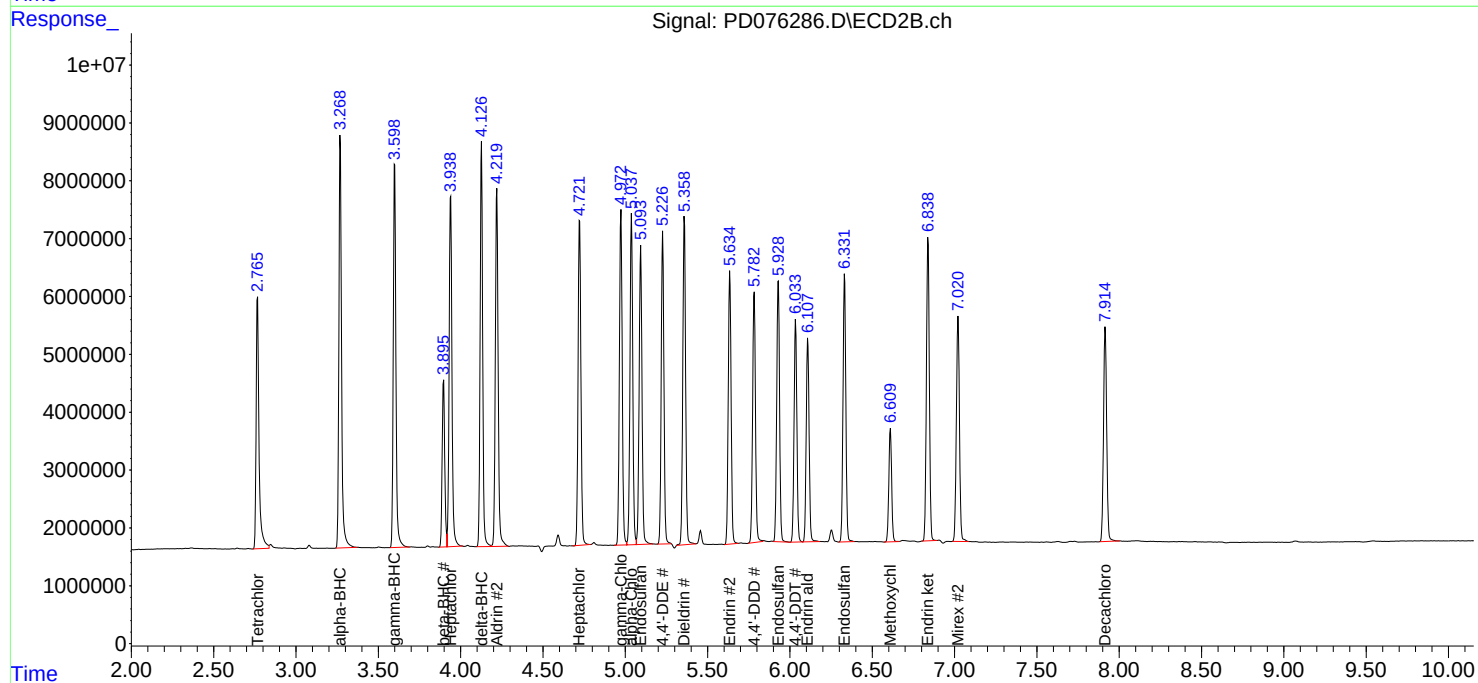
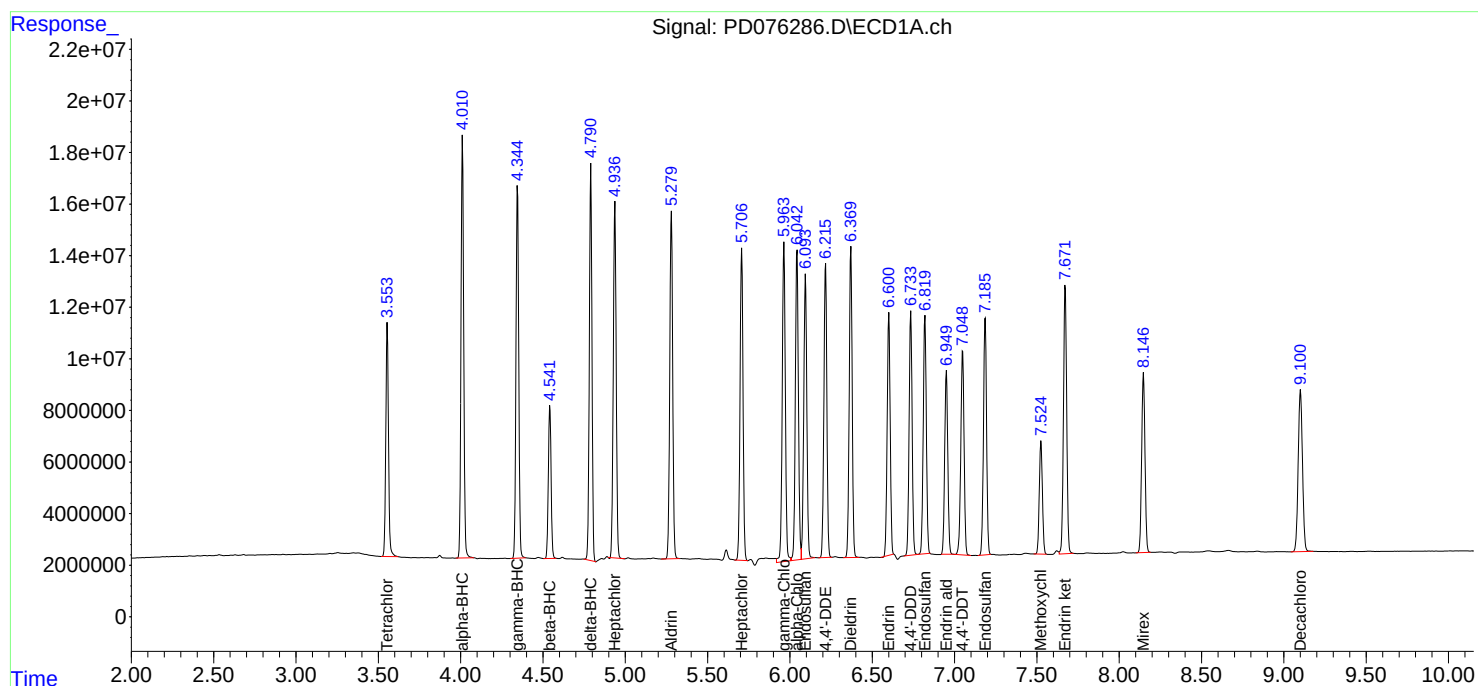
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

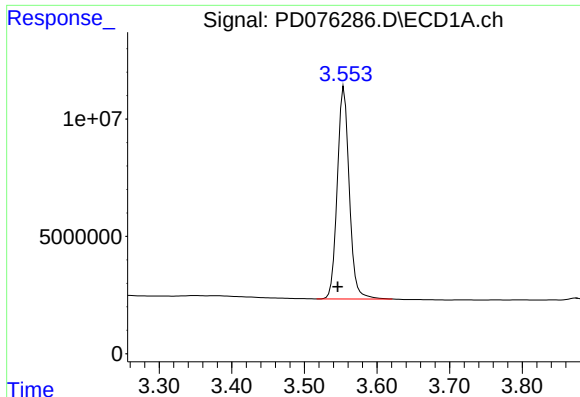
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070323\  
Data File : PD076286.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2023 10:53  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 03 21:36:02 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

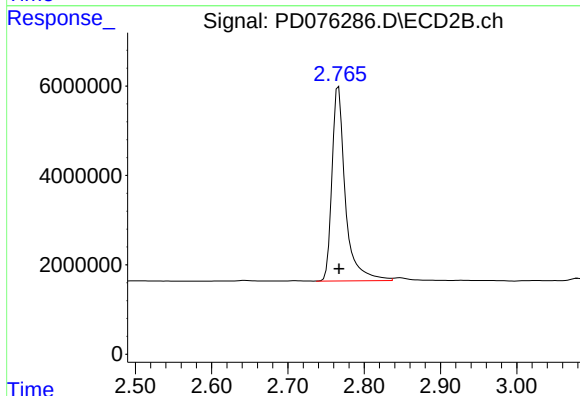




#1 Tetrachloro-m-xylene

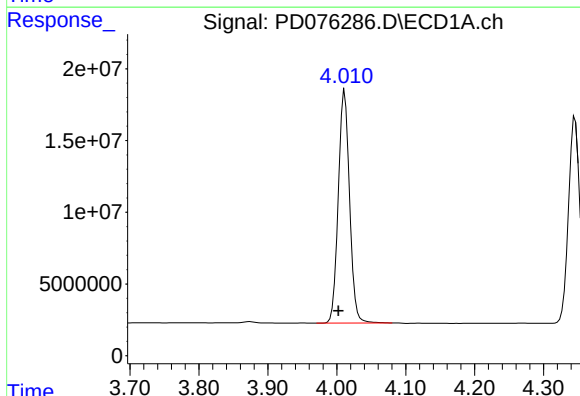
R.T.: 3.555 min  
Delta R.T.: 0.009 min  
Response: 103377710  
Conc: 48.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



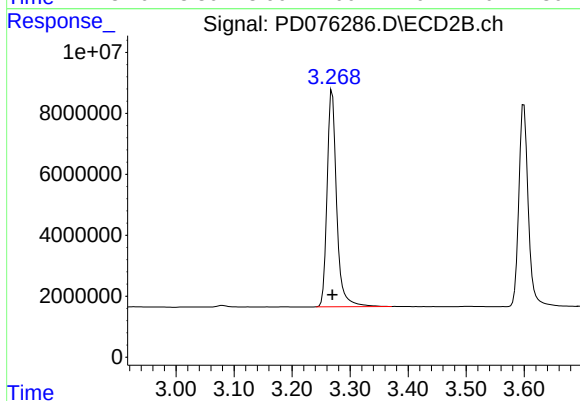
#1 Tetrachloro-m-xylene

R.T.: 2.766 min  
Delta R.T.: 0.000 min  
Response: 52796480  
Conc: 48.66 ng/ml



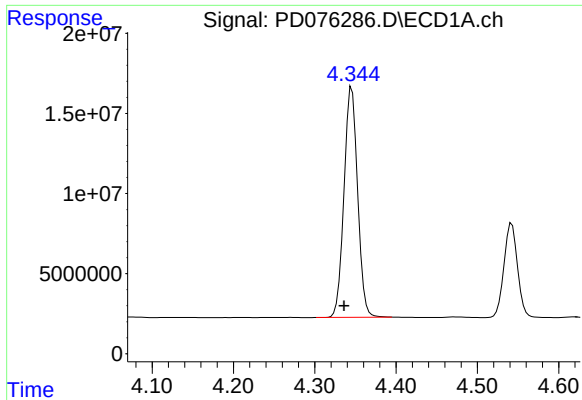
#2 alpha-BHC

R.T.: 4.012 min  
Delta R.T.: 0.009 min  
Response: 184203938  
Conc: 49.89 ng/ml



#2 alpha-BHC

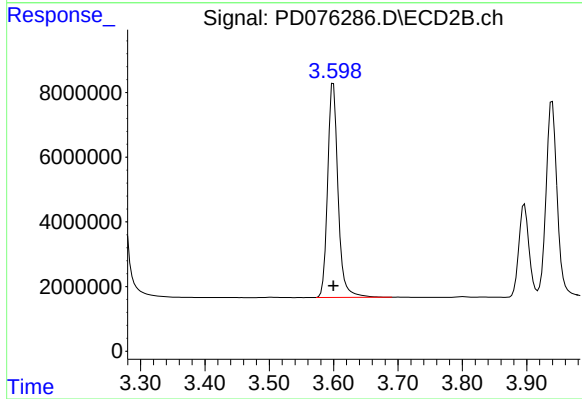
R.T.: 3.269 min  
Delta R.T.: 0.000 min  
Response: 80658851  
Conc: 50.42 ng/ml



#3 gamma-BHC (Lindane)

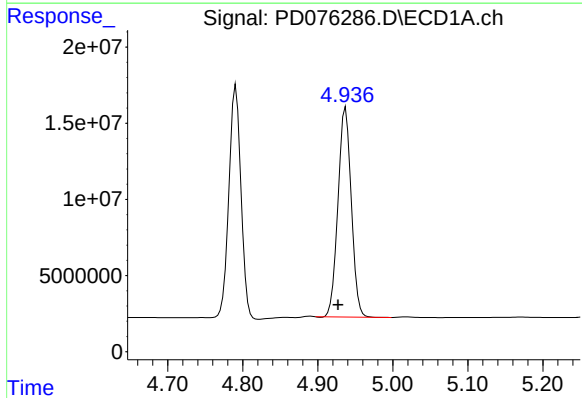
R.T.: 4.346 min  
Delta R.T.: 0.010 min  
Response: 166720996  
Conc: 49.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



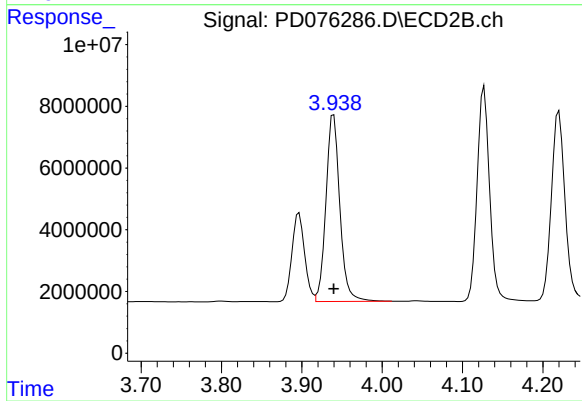
#3 gamma-BHC (Lindane)

R.T.: 3.599 min  
Delta R.T.: 0.000 min  
Response: 74446577  
Conc: 50.53 ng/ml



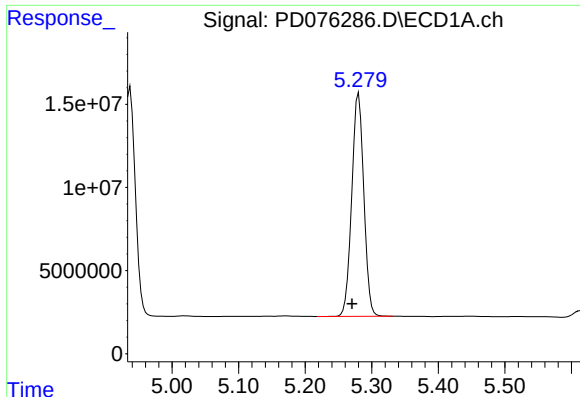
#4 Heptachlor

R.T.: 4.937 min  
Delta R.T.: 0.010 min  
Response: 169646822  
Conc: 47.30 ng/ml



#4 Heptachlor

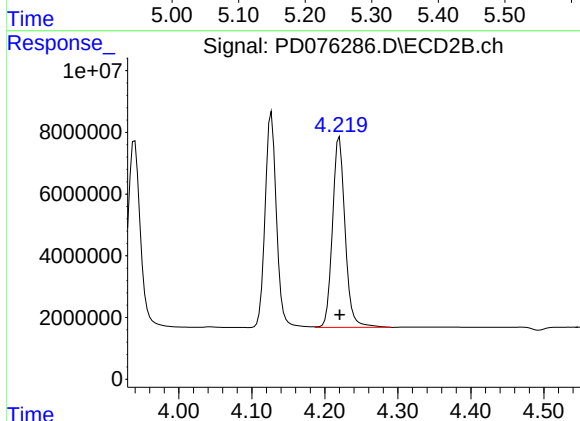
R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 72924929  
Conc: 48.01 ng/ml



#5 Aldrin

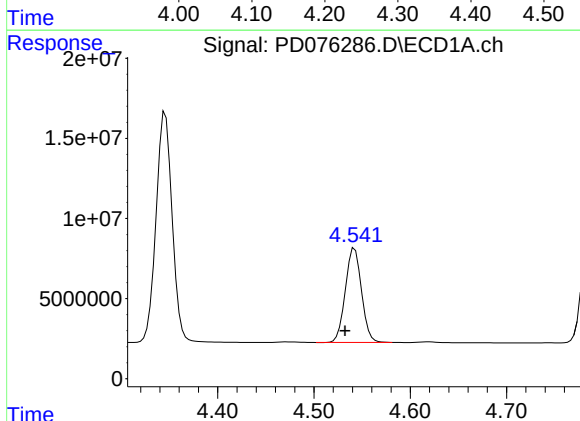
R.T.: 5.280 min  
Delta R.T.: 0.010 min  
Response: 168942233  
Conc: 48.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



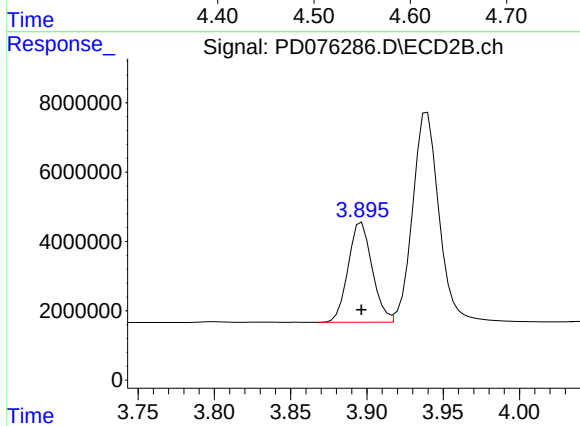
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 74142539  
Conc: 49.72 ng/ml



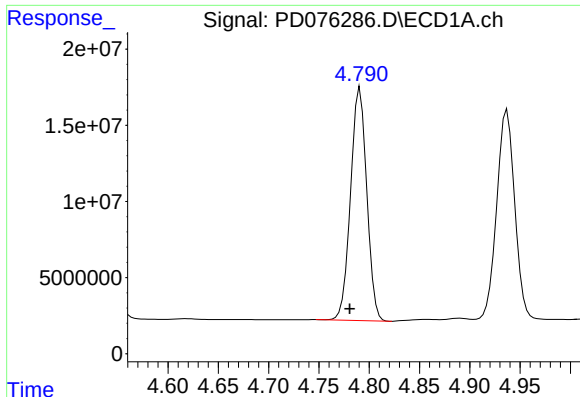
#6 beta-BHC

R.T.: 4.542 min  
Delta R.T.: 0.010 min  
Response: 68372234  
Conc: 47.56 ng/ml



#6 beta-BHC

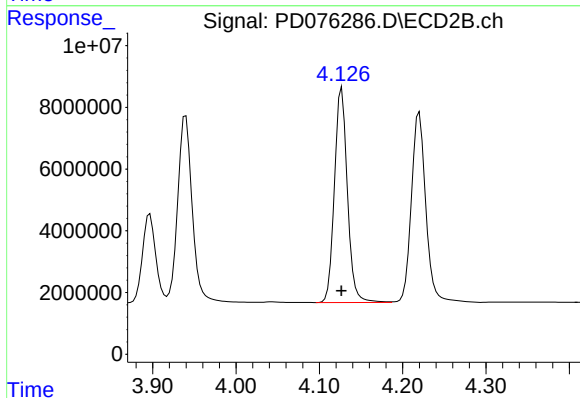
R.T.: 3.897 min  
Delta R.T.: 0.000 min  
Response: 31521201  
Conc: 49.45 ng/ml



#7 delta-BHC

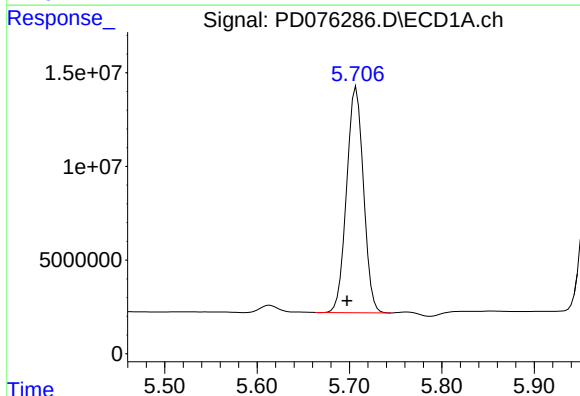
R.T.: 4.791 min  
Delta R.T.: 0.010 min  
Response: 171158537  
Conc: 51.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



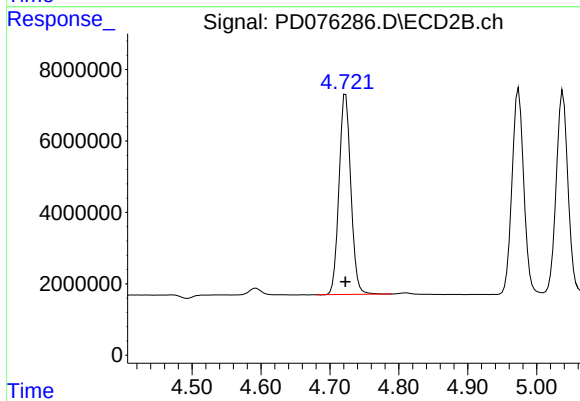
#7 delta-BHC

R.T.: 4.127 min  
Delta R.T.: 0.000 min  
Response: 75209859  
Conc: 51.91 ng/ml



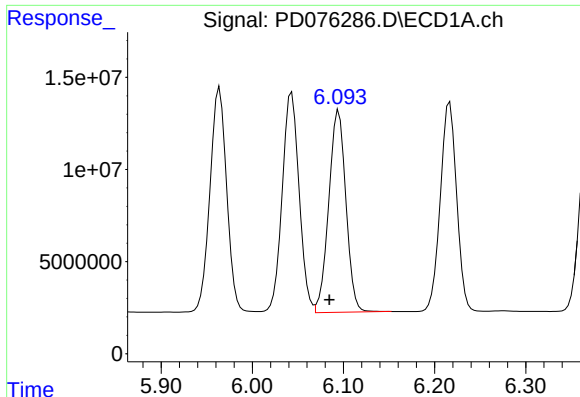
#8 Heptachlor epoxide

R.T.: 5.707 min  
Delta R.T.: 0.010 min  
Response: 152913740  
Conc: 47.45 ng/ml



#8 Heptachlor epoxide

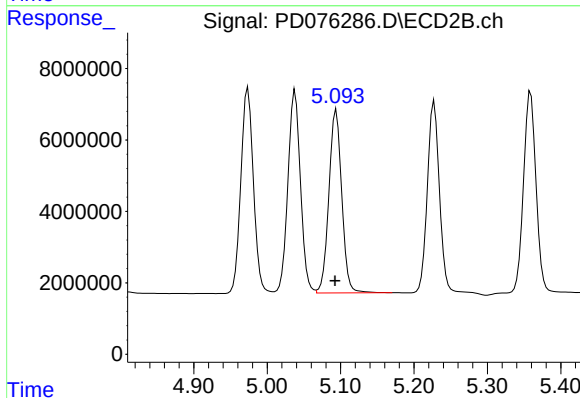
R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 67003680  
Conc: 48.78 ng/ml



#9 Endosulfan I

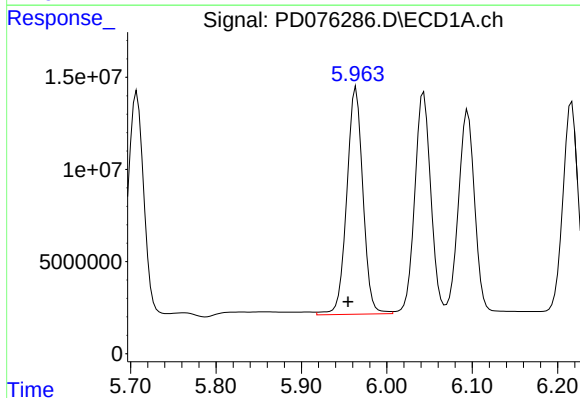
R.T.: 6.095 min  
Delta R.T.: 0.010 min  
Response: 143656981  
Conc: 47.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



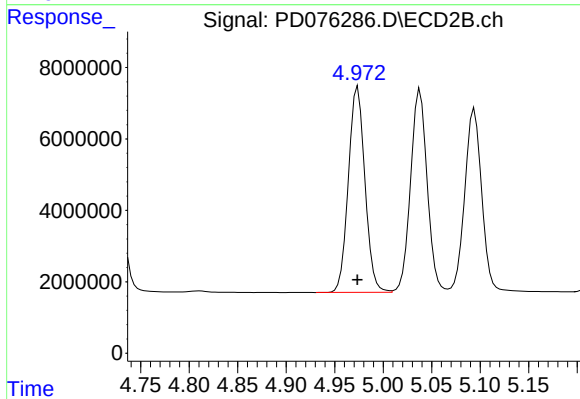
#9 Endosulfan I

R.T.: 5.094 min  
Delta R.T.: 0.001 min  
Response: 62633948  
Conc: 49.00 ng/ml



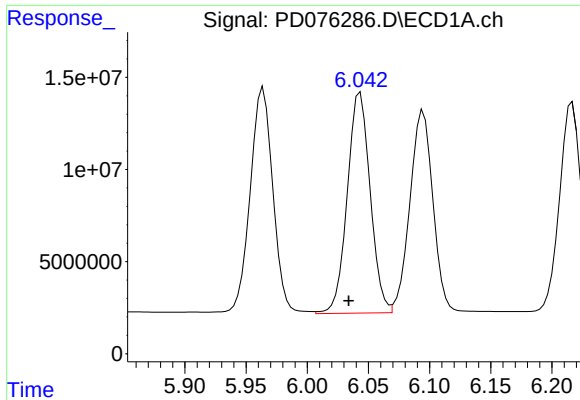
#10 gamma-Chlordane

R.T.: 5.964 min  
Delta R.T.: 0.009 min  
Response: 161798419  
Conc: 50.23 ng/ml



#10 gamma-Chlordane

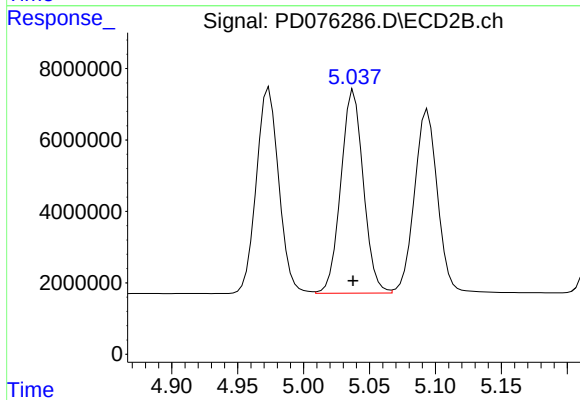
R.T.: 4.974 min  
Delta R.T.: 0.000 min  
Response: 68376353  
Conc: 49.83 ng/ml



#11 alpha-Chlordane

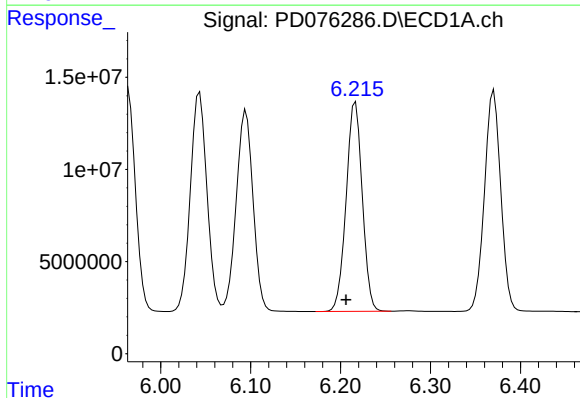
R.T.: 6.043 min  
Delta R.T.: 0.009 min  
Response: 156097644  
Conc: 48.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



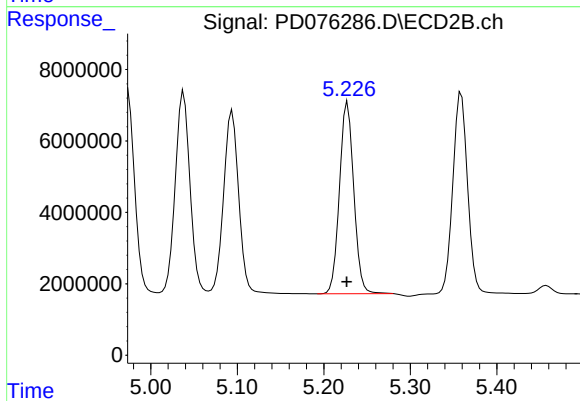
#11 alpha-Chlordane

R.T.: 5.038 min  
Delta R.T.: 0.000 min  
Response: 67595465  
Conc: 49.28 ng/ml



#12 4,4'-DDE

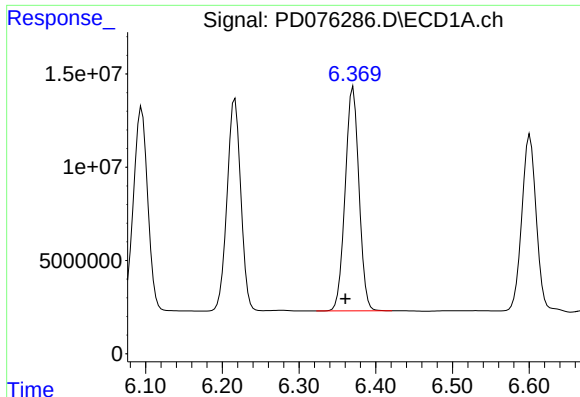
R.T.: 6.217 min  
Delta R.T.: 0.011 min  
Response: 141349662  
Conc: 49.45 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min  
Delta R.T.: 0.001 min  
Response: 61228510  
Conc: 54.86 ng/ml

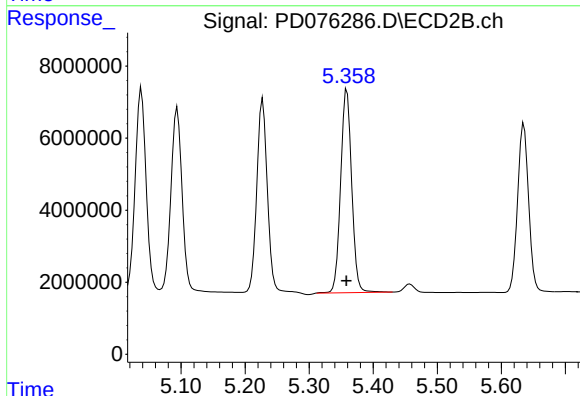




#13 Dieldrin

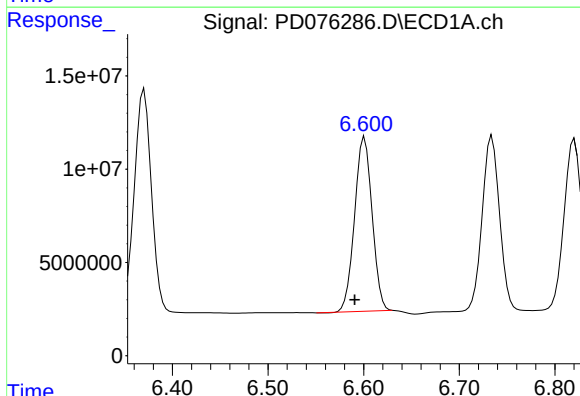
R.T.: 6.370 min  
Delta R.T.: 0.010 min  
Response: 150995413  
Conc: 48.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



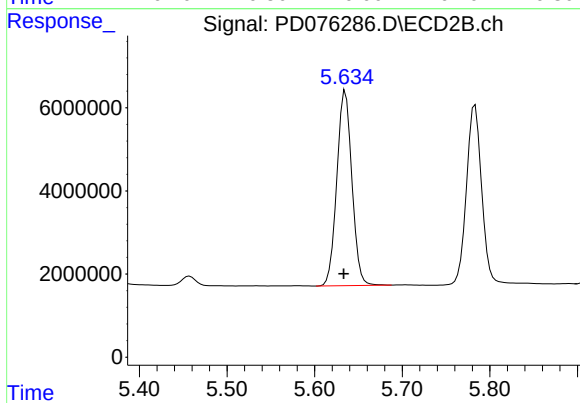
#13 Dieldrin

R.T.: 5.359 min  
Delta R.T.: 0.000 min  
Response: 67570948  
Conc: 50.08 ng/ml



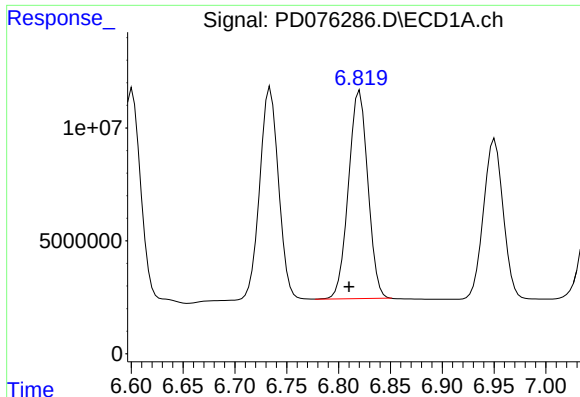
#14 Endrin

R.T.: 6.601 min  
Delta R.T.: 0.010 min  
Response: 119066717  
Conc: 44.52 ng/ml



#14 Endrin

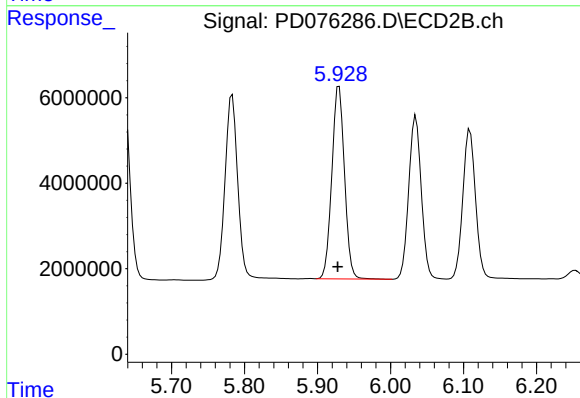
R.T.: 5.635 min  
Delta R.T.: 0.002 min  
Response: 56072484  
Conc: 46.07 ng/ml



#15 Endosulfan II

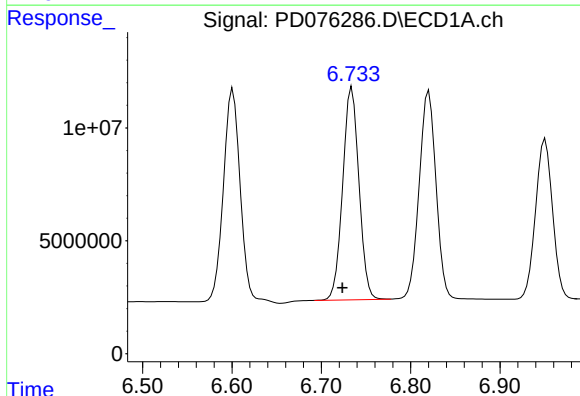
R.T.: 6.820 min  
Delta R.T.: 0.010 min  
Response: 119999893  
Conc: 46.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



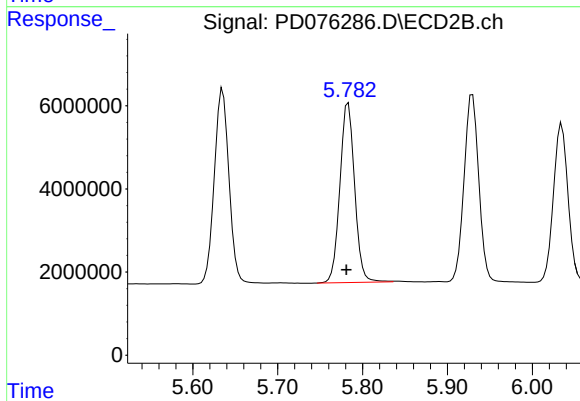
#15 Endosulfan II

R.T.: 5.930 min  
Delta R.T.: 0.002 min  
Response: 54376900  
Conc: 50.40 ng/ml



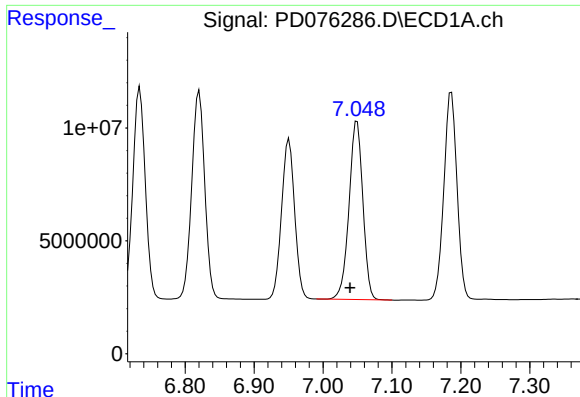
#16 4,4'-DDD

R.T.: 6.734 min  
Delta R.T.: 0.011 min  
Response: 119032893  
Conc: 52.31 ng/ml



#16 4,4'-DDD

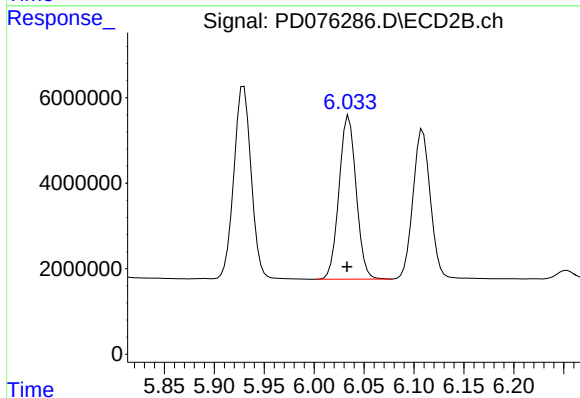
R.T.: 5.783 min  
Delta R.T.: 0.002 min  
Response: 52022595  
Conc: 59.03 ng/ml



#17 4,4'-DDT

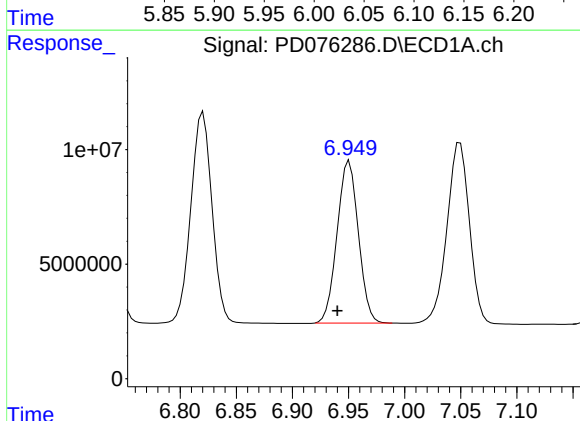
R.T.: 7.049 min  
Delta R.T.: 0.010 min  
Response: 110188632  
Conc: 48.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



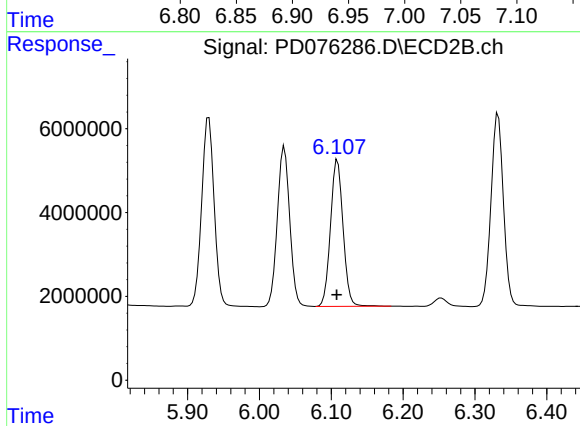
#17 4,4'-DDT

R.T.: 6.035 min  
Delta R.T.: 0.002 min  
Response: 45749746  
Conc: 56.32 ng/ml



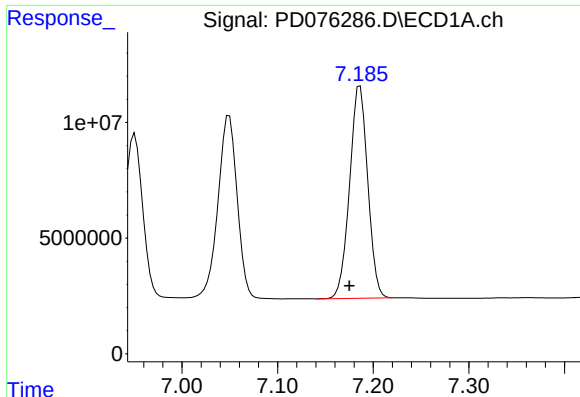
#18 Endrin aldehyde

R.T.: 6.951 min  
Delta R.T.: 0.011 min  
Response: 93420505  
Conc: 46.56 ng/ml



#18 Endrin aldehyde

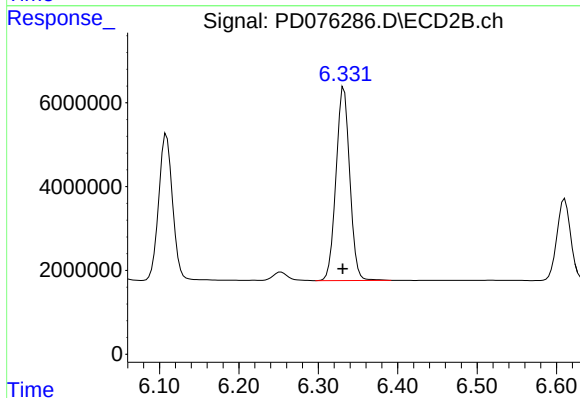
R.T.: 6.109 min  
Delta R.T.: 0.001 min  
Response: 42545068  
Conc: 49.16 ng/ml



#19 Endosulfan Sulfate

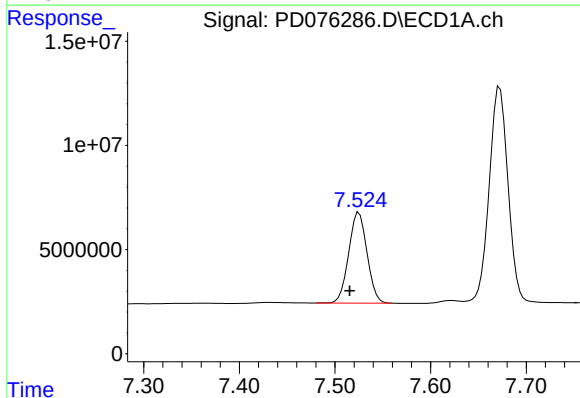
R.T.: 7.186 min  
Delta R.T.: 0.011 min  
Response: 121410848  
Conc: 48.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



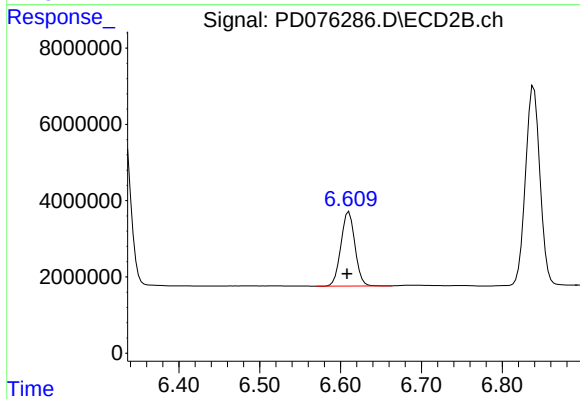
#19 Endosulfan Sulfate

R.T.: 6.332 min  
Delta R.T.: 0.002 min  
Response: 55359609  
Conc: 51.23 ng/ml



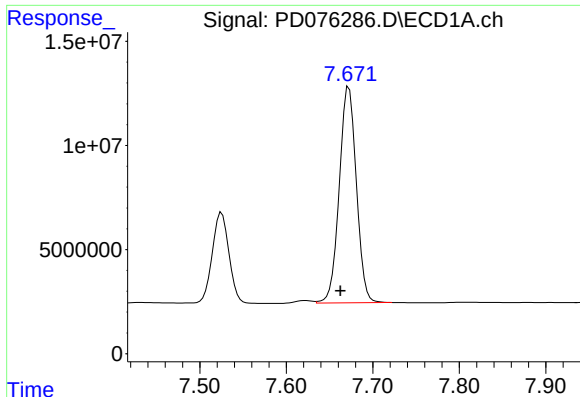
#20 Methoxychlor

R.T.: 7.525 min  
Delta R.T.: 0.010 min  
Response: 58231097  
Conc: 44.99 ng/ml



#20 Methoxychlor

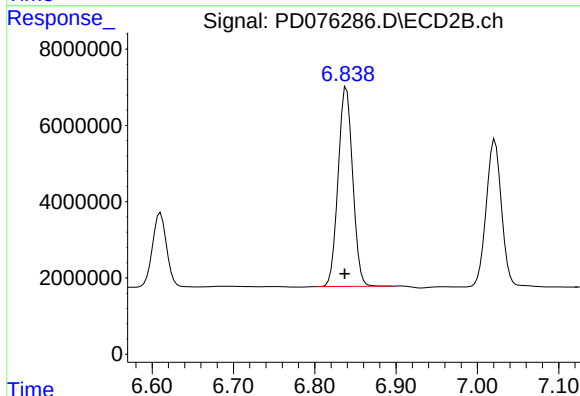
R.T.: 6.610 min  
Delta R.T.: 0.002 min  
Response: 23461931  
Conc: 50.69 ng/ml



#21 Endrin ketone

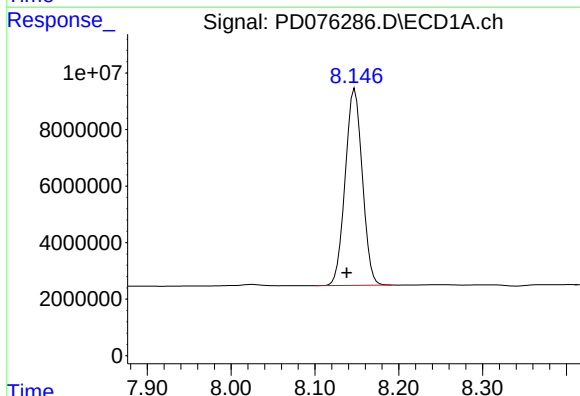
R.T.: 7.672 min  
Delta R.T.: 0.010 min  
Response: 141869118  
Conc: 50.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



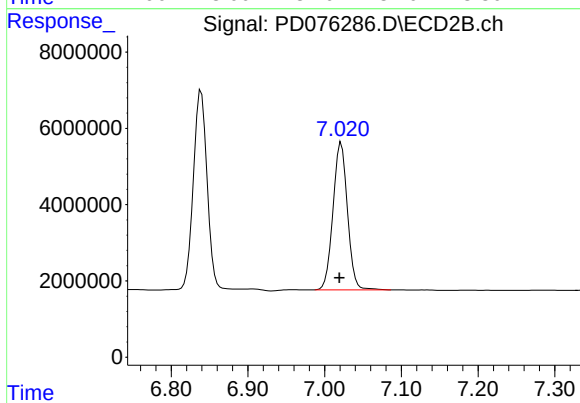
#21 Endrin ketone

R.T.: 6.839 min  
Delta R.T.: 0.002 min  
Response: 64924439  
Conc: 53.44 ng/ml



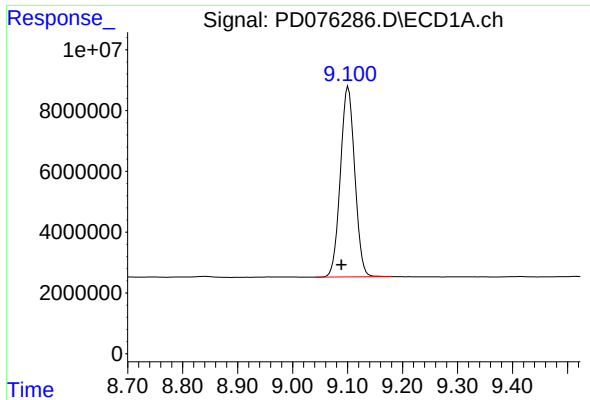
#22 Mirex

R.T.: 8.148 min  
Delta R.T.: 0.010 min  
Response: 98822099  
Conc: 46.12 ng/ml



#22 Mirex

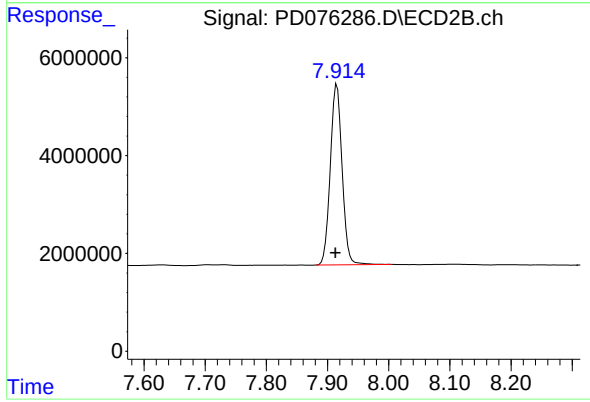
R.T.: 7.022 min  
Delta R.T.: 0.002 min  
Response: 50471202  
Conc: 48.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.101 min  
Delta R.T.: 0.012 min  
Response: 113965976  
Conc: 44.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 7.915 min  
Delta R.T.: 0.003 min  
Response: 49494205  
Conc: 50.62 ng/ml