

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0030921\  
 Data File : P0075995.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 09 Mar 2021 20:21  
 Operator : DD\AJ  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 10 02:57:07 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0030421.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Mar 05 08:07:39 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.925  | 3.941  | 3065744 | 2277706 | 51.433   | 51.060     |
| 2)                          | SA Decachlor... | 10.929 | 9.213  | 1833151 | 1808893 | 55.801   | 49.748     |
| Target Compounds            |                 |        |        |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.249  | 5.190  | 541673  | 463246  | 298.210  | 308.551    |
| 4)                          | L1 AR-1016-2    | 6.273  | 5.210  | 656360  | 509205  | 234.390  | 213.386    |
| 5)                          | L1 AR-1016-3    | 6.339  | 5.401  | 329084  | 325570  | 197.359  | 269.619 #  |
| 6)                          | L1 AR-1016-4    | 6.444  | 5.452  | 362380  | 681704  | 274.561  | 649.550 #  |
| 7)                          | L1 AR-1016-5    | 6.761  | 5.679  | 854936  | 785104  | 649.290  | 617.374    |
| 9)                          | L2 AR-1221-2    | 5.278  | 4.292  | 41453   | 34399   | 90.384   | 92.359     |
| 10)                         | L2 AR-1221-3    | 5.361  | 4.384  | 47234   | 39106   | 31.200   | 32.523     |
| 11)                         | L3 AR-1232-1    | 5.361  | 4.384  | 47234   | 39106   | 39.079   | 38.943     |
| 12)                         | L3 AR-1232-2    | 5.952  | 5.210  | 246819  | 509205  | 395.005  | 468.435    |
| 13)                         | L3 AR-1232-3    | 6.273  | 5.401  | 656360  | 325570  | 563.032  | 639.964    |
| 14)                         | L3 AR-1232-4    | 6.444  | 5.496  | 362380  | 694601  | 615.220  | 1506.617 # |
| 15)                         | L3 AR-1232-5    | 6.543  | 5.679  | 749446  | 785104  | 1875.317 | 1571.889   |
| 16)                         | L4 AR-1242-1    | 6.249  | 5.190  | 541673  | 463246  | 372.098  | 389.484    |
| 17)                         | L4 AR-1242-2    | 6.273  | 5.210  | 656360  | 509205  | 294.241  | 262.157    |
| 18)                         | L4 AR-1242-3    | 6.339  | 5.401  | 329084  | 325570  | 241.033  | 332.598 #  |
| 19)                         | L4 AR-1242-4    | 6.444  | 5.496  | 362380  | 694601  | 340.017  | 707.986 #  |
| 20)                         | L4 AR-1242-5    | 7.231  | 6.058  | 929376  | 1114310 | 867.160  | 942.272    |
| 21)                         | L5 AR-1248-1    | 6.249  | 5.190  | 541673  | 463246  | 496.944  | 501.989    |
| 22)                         | L5 AR-1248-2    | 6.543  | 5.452  | 749446  | 681704  | 477.968  | 476.461    |
| 23)                         | L5 AR-1248-3    | 6.761  | 5.496  | 854936  | 694601  | 475.962  | 471.709    |
| 24)                         | L5 AR-1248-4    | 7.191  | 5.679  | 915101  | 785104  | 478.956  | 464.727    |
| 25)                         | L5 AR-1248-5    | 7.231  | 6.101  | 929376  | 790807  | 490.891  | 474.454    |
| 26)                         | L6 AR-1254-1    | 7.160  | 6.058  | 720615  | 1114310 | 346.657  | 428.558    |
| 27)                         | L6 AR-1254-2    | 7.395  | 6.217  | 905514  | 330865  | 287.008  | 144.131 #  |
| 28)                         | L6 AR-1254-3    | 7.773  | 6.635  | 509119  | 516305  | 163.185  | 148.396    |
| 29)                         | L6 AR-1254-4    | 8.070  | 6.875  | 316445  | 372856  | 144.753  | 176.268    |
| 30)                         | L6 AR-1254-5    | 8.499  | 7.302  | 95303   | 104781  | 41.870   | 33.707     |
| 31)                         | L7 AR-1260-1    | 7.939  | 6.781  | 59641   | 247808  | 28.038   | 109.190 #  |
| 32)                         | L7 AR-1260-2    | 8.203  | 6.969  | 76245   | 61773   | 31.448   | 22.321 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.120  | 0       | 59051   | N.D.     | 22.825 #   |
| 34)                         | L7 AR-1260-4    | 8.795  | 7.639f | 45260   | 30793   | 20.820   | 14.584 #   |
| 35)                         | L7 AR-1260-5    | 9.126  | 0.000  | 26536   | 0       | 6.970    | N.D. #     |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.302  | 0       | 104781  | N.D.     | 60.877 #   |
| 37)                         | L8 AR-1262-2    | 9.126  | 0.000  | 26536   | 0       | 5.823    | N.D. #     |
| -----                       |                 |        |        |         |         |          |            |

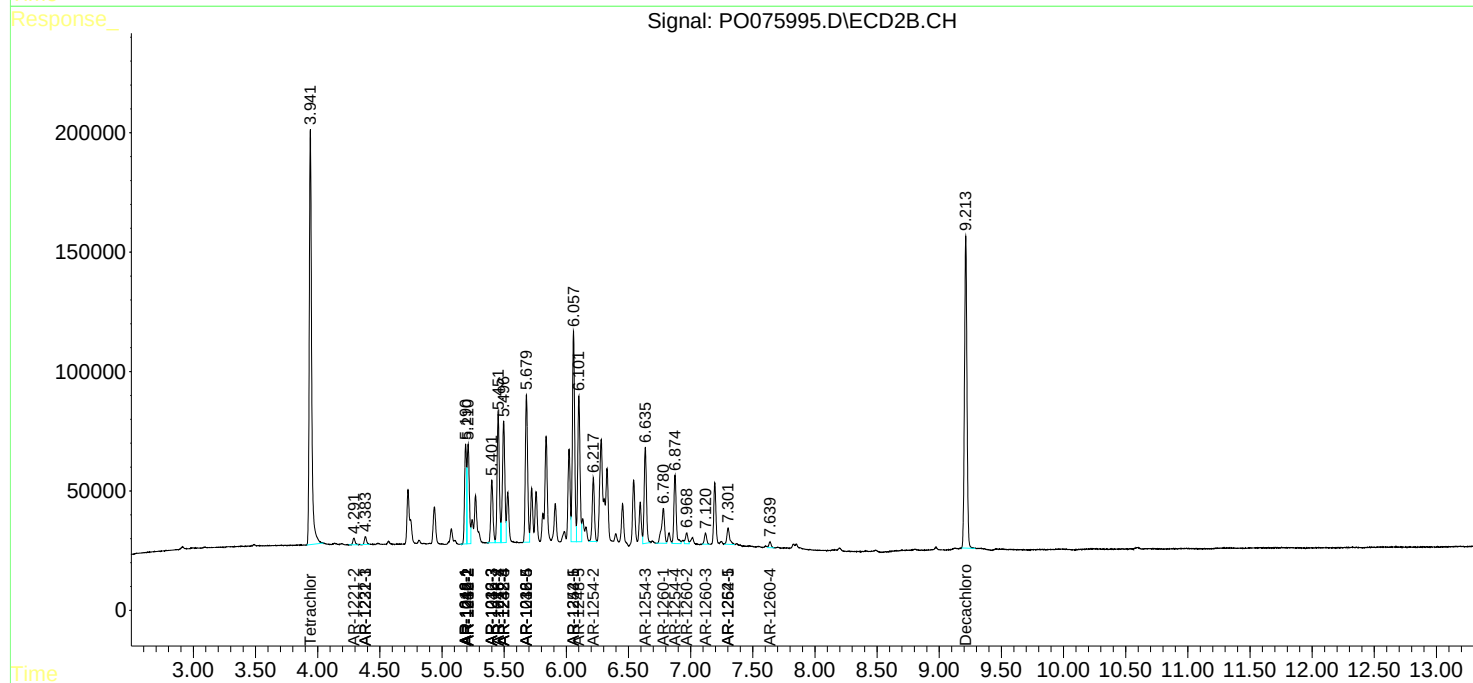
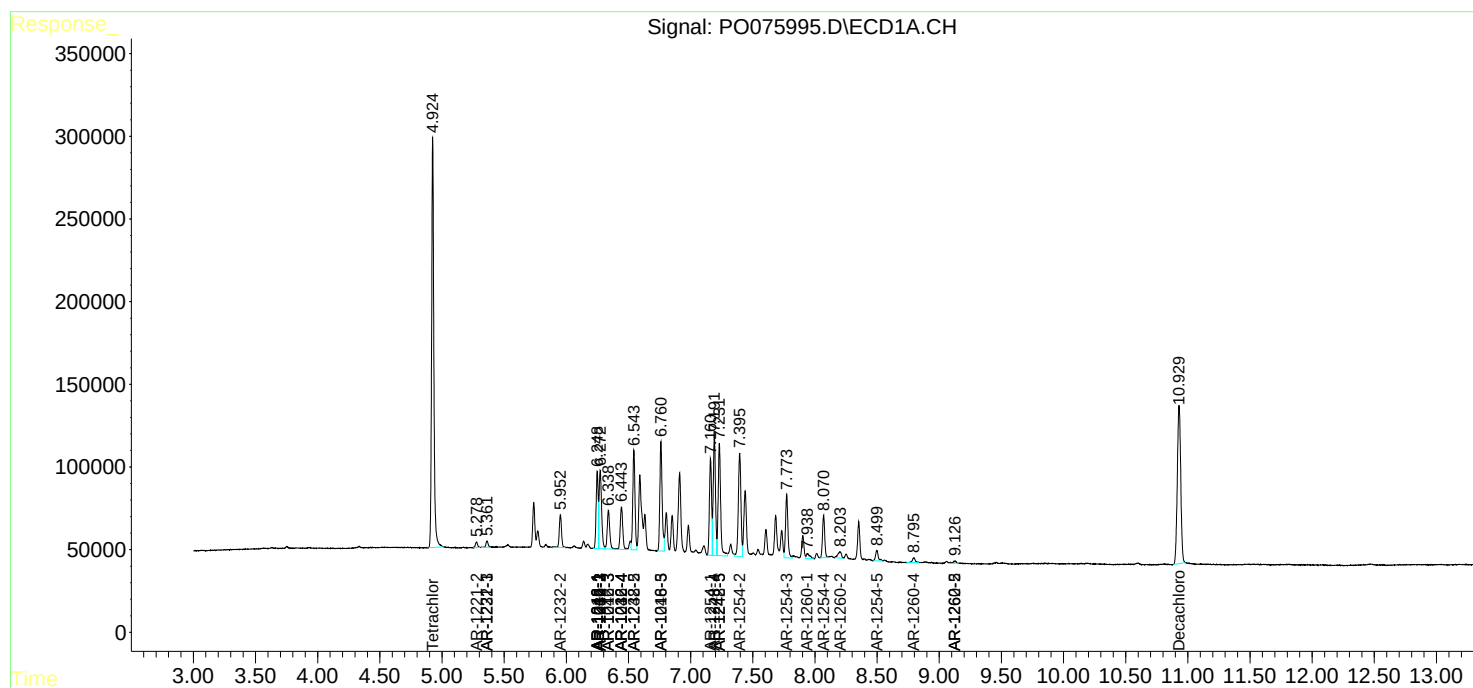
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

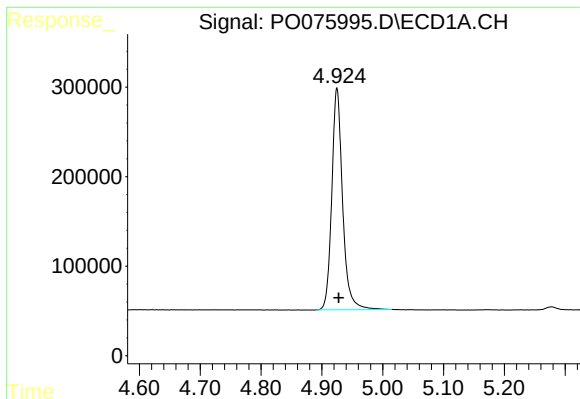
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0030921\  
Data File : P0075995.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 09 Mar 2021 20:21  
Operator : DD\AJ  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 10 02:57:07 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0030421.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Mar 05 08:07:39 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

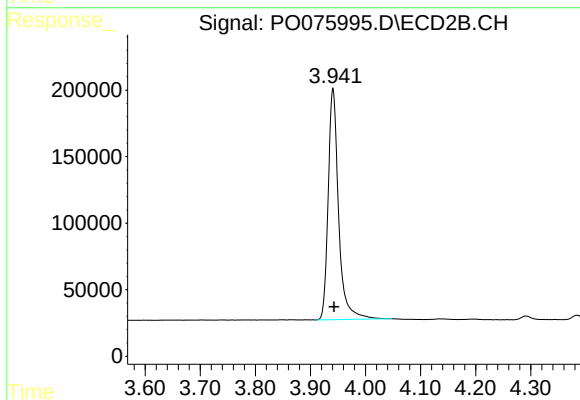




#1 Tetrachloro-m-xylene

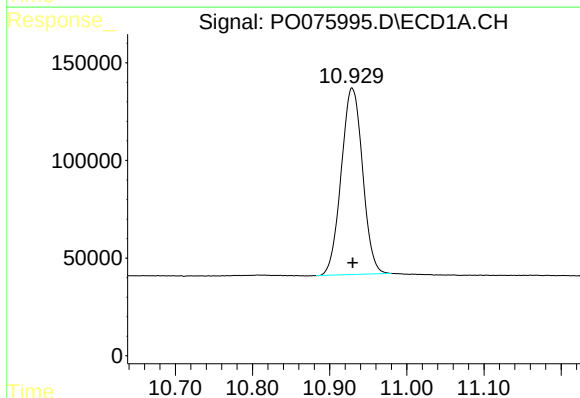
R.T.: 4.925 min  
Delta R.T.: -0.003 min  
Response: 3065744  
Conc: 51.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



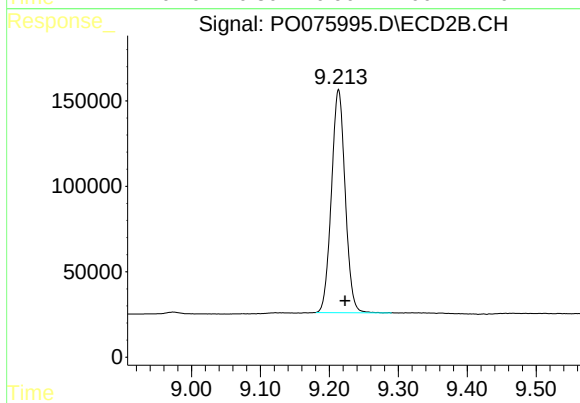
#1 Tetrachloro-m-xylene

R.T.: 3.941 min  
Delta R.T.: -0.002 min  
Response: 2277706  
Conc: 51.06 ng/ml



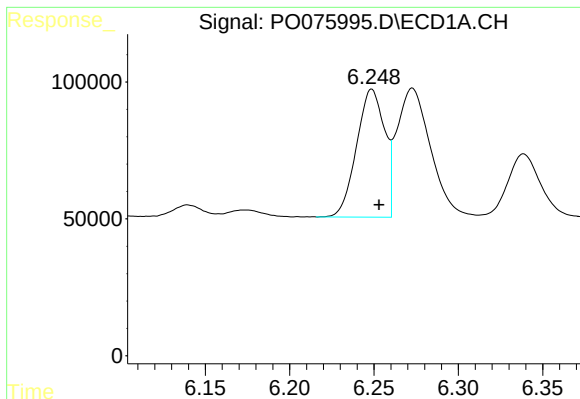
#2 Decachlorobiphenyl

R.T.: 10.929 min  
Delta R.T.: 0.000 min  
Response: 1833151  
Conc: 55.80 ng/ml



#2 Decachlorobiphenyl

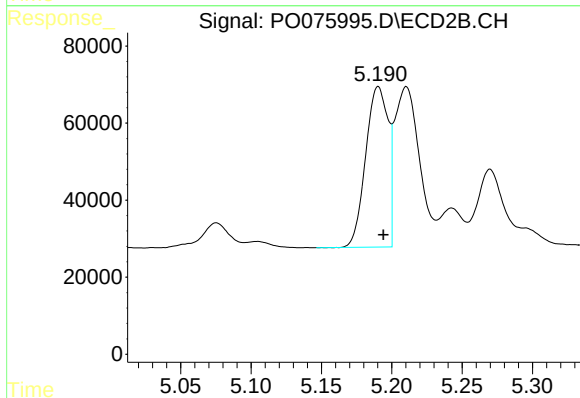
R.T.: 9.213 min  
Delta R.T.: -0.010 min  
Response: 1808893  
Conc: 49.75 ng/ml



#3 AR-1016-1

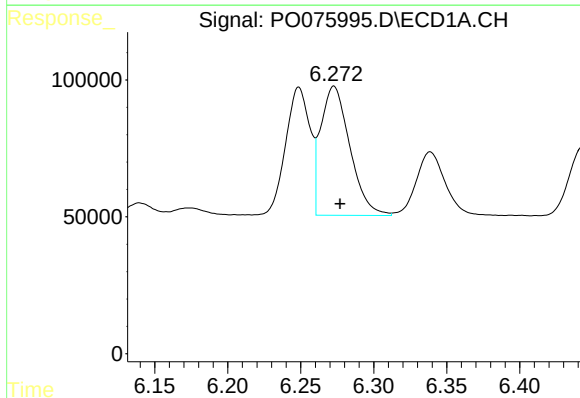
R.T.: 6.249 min  
Delta R.T.: -0.004 min  
Response: 541673  
Conc: 298.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



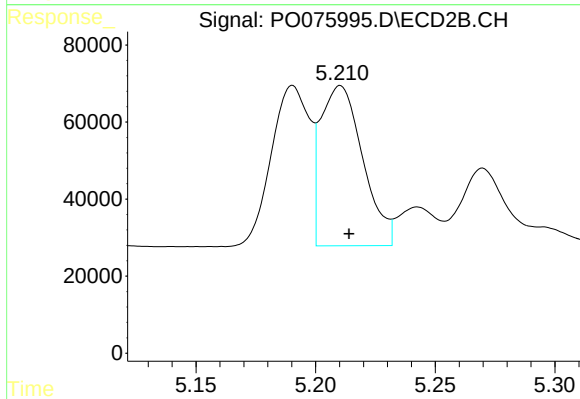
#3 AR-1016-1

R.T.: 5.190 min  
Delta R.T.: -0.004 min  
Response: 463246  
Conc: 308.55 ng/ml



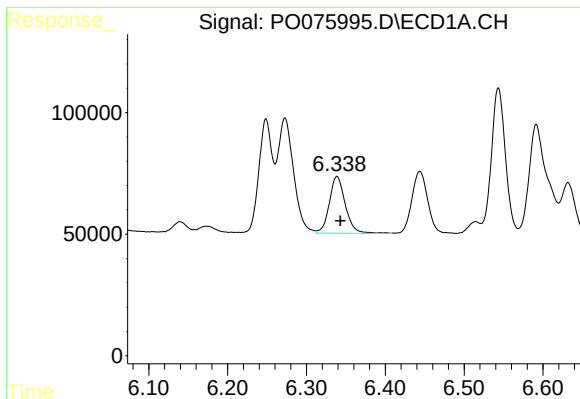
#4 AR-1016-2

R.T.: 6.273 min  
Delta R.T.: -0.004 min  
Response: 656360  
Conc: 234.39 ng/ml



#4 AR-1016-2

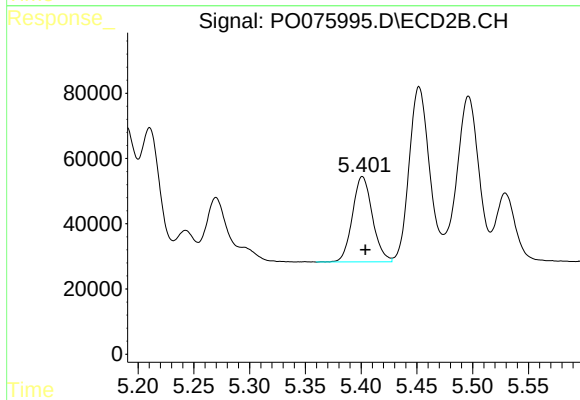
R.T.: 5.210 min  
Delta R.T.: -0.004 min  
Response: 509205  
Conc: 213.39 ng/ml



#5 AR-1016-3

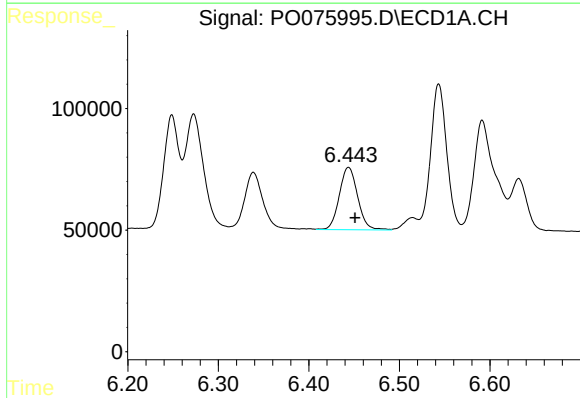
R.T.: 6.339 min  
Delta R.T.: -0.004 min  
Response: 329084  
Conc: 197.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



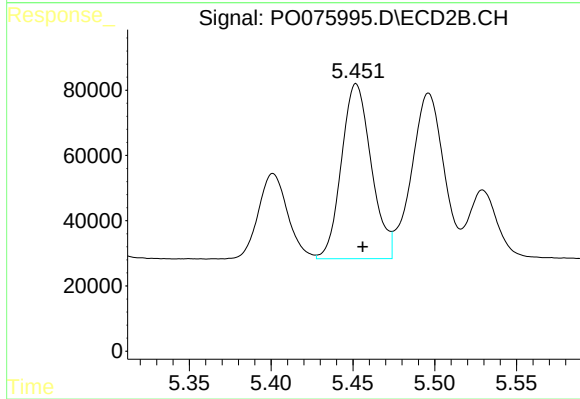
#5 AR-1016-3

R.T.: 5.401 min  
Delta R.T.: -0.003 min  
Response: 325570  
Conc: 269.62 ng/ml



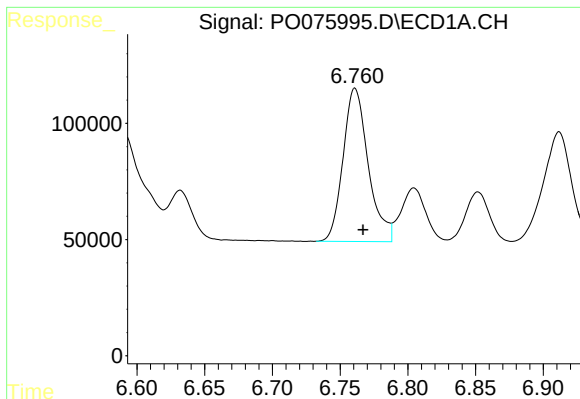
#6 AR-1016-4

R.T.: 6.444 min  
Delta R.T.: -0.007 min  
Response: 362380  
Conc: 274.56 ng/ml



#6 AR-1016-4

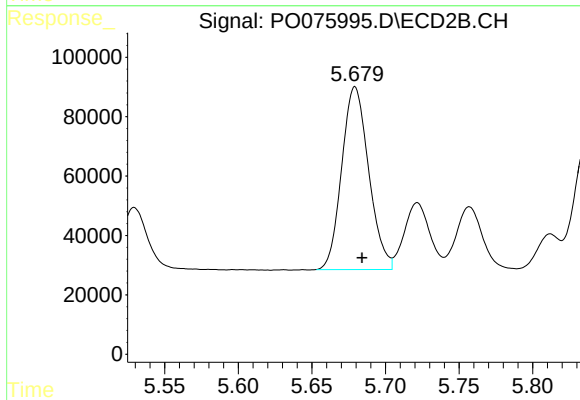
R.T.: 5.452 min  
Delta R.T.: -0.004 min  
Response: 681704  
Conc: 649.55 ng/ml



#7 AR-1016-5

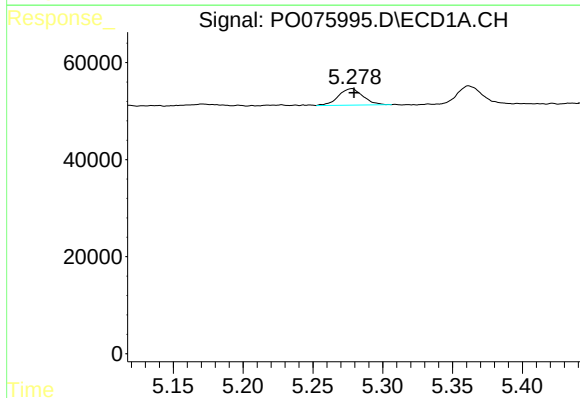
R.T.: 6.761 min  
Delta R.T.: -0.006 min  
Response: 854936  
Conc: 649.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



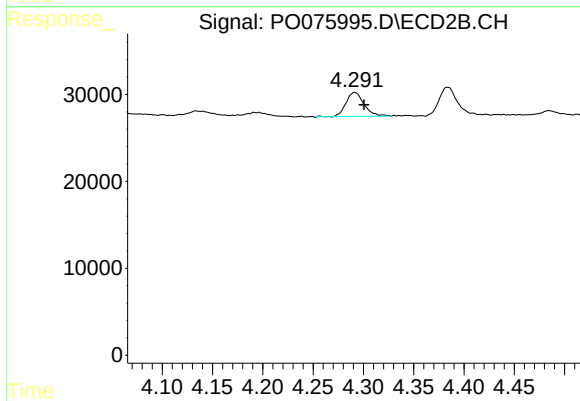
#7 AR-1016-5

R.T.: 5.679 min  
Delta R.T.: -0.005 min  
Response: 785104  
Conc: 617.37 ng/ml



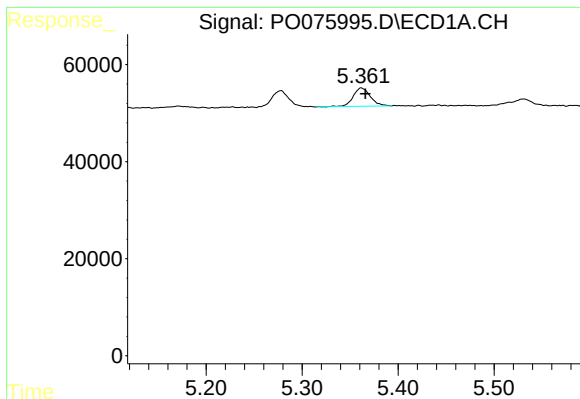
#9 AR-1221-2

R.T.: 5.278 min  
Delta R.T.: -0.001 min  
Response: 41453  
Conc: 90.38 ng/ml



#9 AR-1221-2

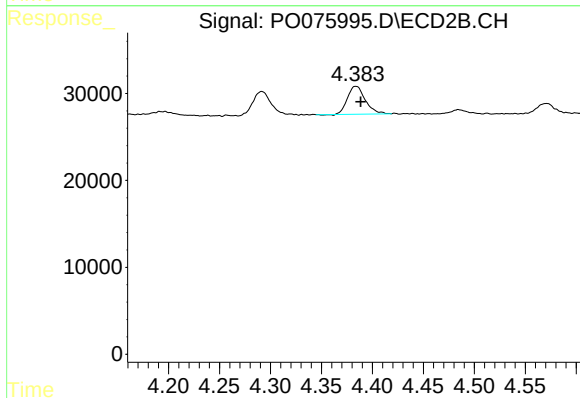
R.T.: 4.292 min  
Delta R.T.: -0.009 min  
Response: 34399  
Conc: 92.36 ng/ml



#10 AR-1221-3

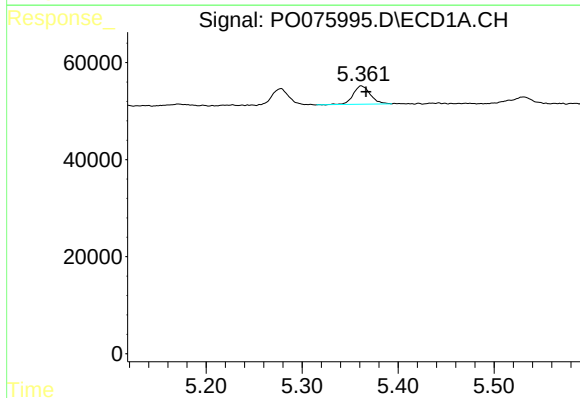
R.T.: 5.361 min  
Delta R.T.: -0.005 min  
Response: 47234  
Conc: 31.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



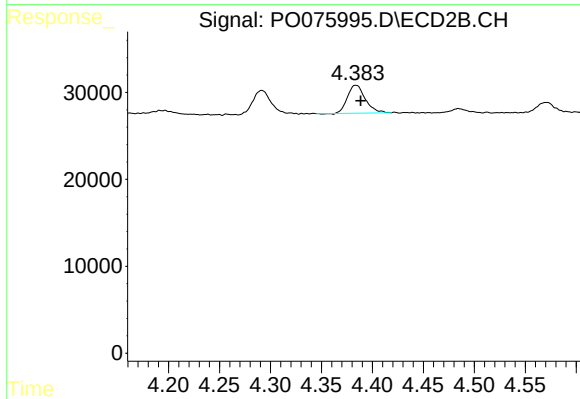
#10 AR-1221-3

R.T.: 4.384 min  
Delta R.T.: -0.005 min  
Response: 39106  
Conc: 32.52 ng/ml



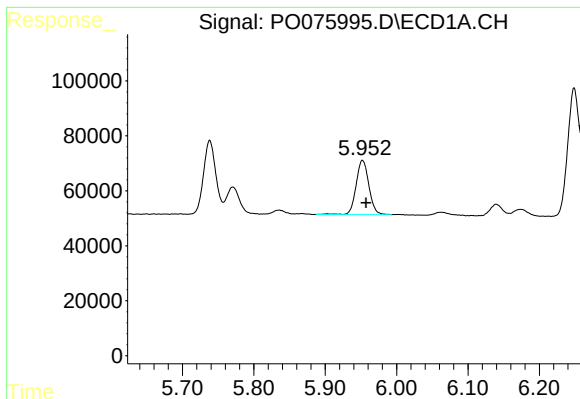
#11 AR-1232-1

R.T.: 5.361 min  
Delta R.T.: -0.005 min  
Response: 47234  
Conc: 39.08 ng/ml



#11 AR-1232-1

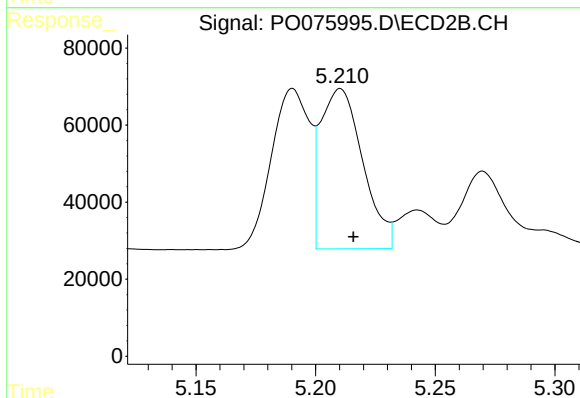
R.T.: 4.384 min  
Delta R.T.: -0.005 min  
Response: 39106  
Conc: 38.94 ng/ml



#12 AR-1232-2

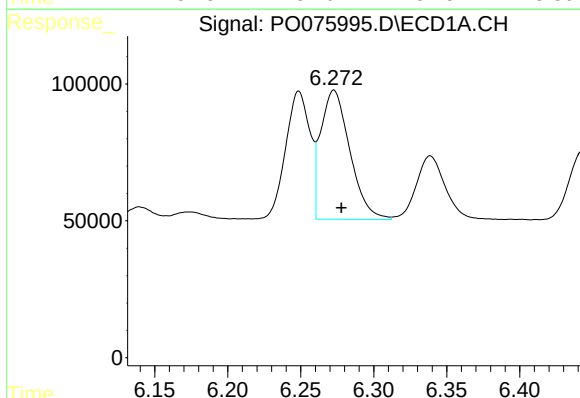
R.T.: 5.952 min  
Delta R.T.: -0.005 min  
Response: 246819  
Conc: 395.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



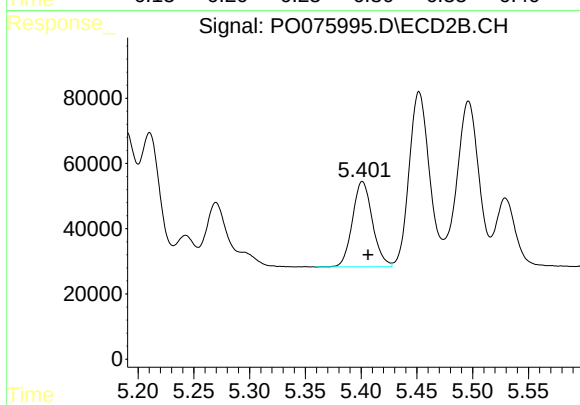
#12 AR-1232-2

R.T.: 5.210 min  
Delta R.T.: -0.005 min  
Response: 509205  
Conc: 468.44 ng/ml



#13 AR-1232-3

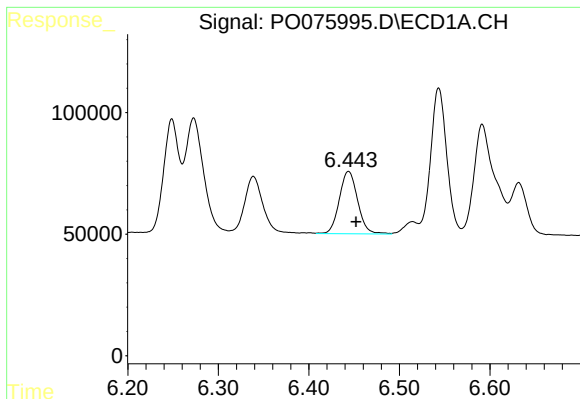
R.T.: 6.273 min  
Delta R.T.: -0.005 min  
Response: 656360  
Conc: 563.03 ng/ml



#13 AR-1232-3

R.T.: 5.401 min  
Delta R.T.: -0.005 min  
Response: 325570  
Conc: 639.96 ng/ml

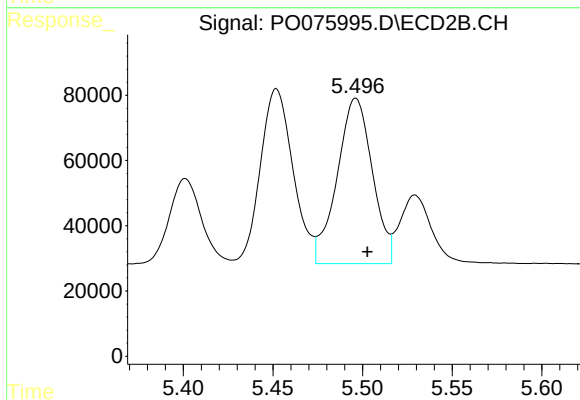




#14 AR-1232-4

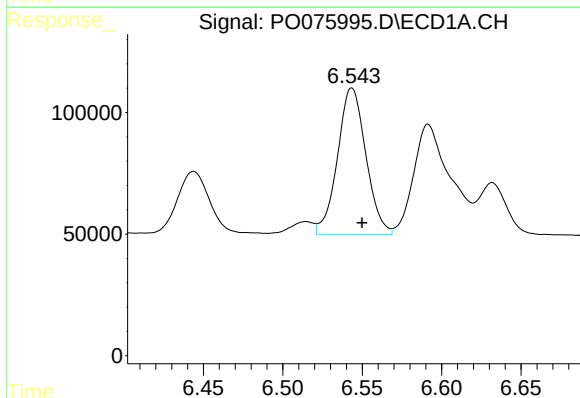
R.T.: 6.444 min  
Delta R.T.: -0.008 min  
Response: 362380  
Conc: 615.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



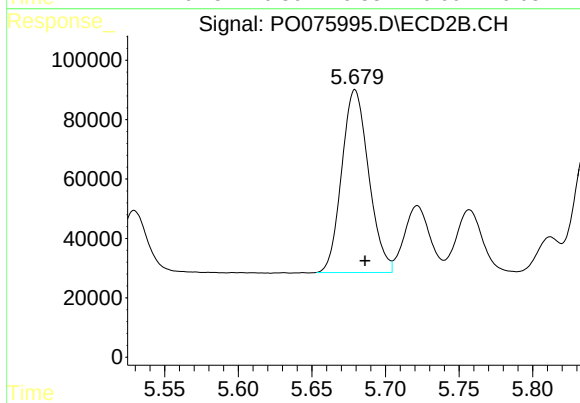
#14 AR-1232-4

R.T.: 5.496 min  
Delta R.T.: -0.006 min  
Response: 694601  
Conc: 1506.62 ng/ml



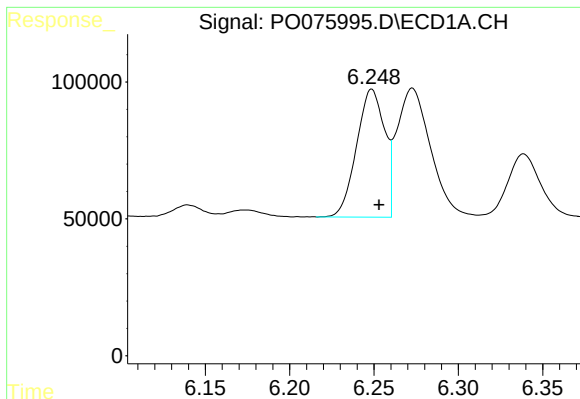
#15 AR-1232-5

R.T.: 6.543 min  
Delta R.T.: -0.007 min  
Response: 749446  
Conc: 1875.32 ng/ml



#15 AR-1232-5

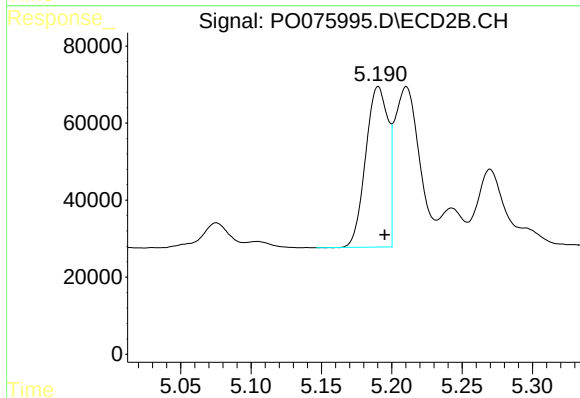
R.T.: 5.679 min  
Delta R.T.: -0.007 min  
Response: 785104  
Conc: 1571.89 ng/ml



#16 AR-1242-1

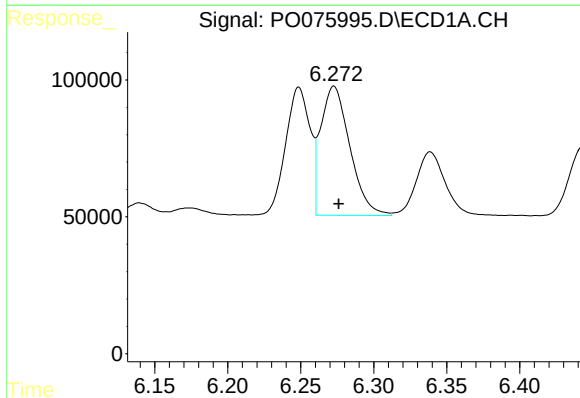
R.T.: 6.249 min  
Delta R.T.: -0.004 min  
Response: 541673  
Conc: 372.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



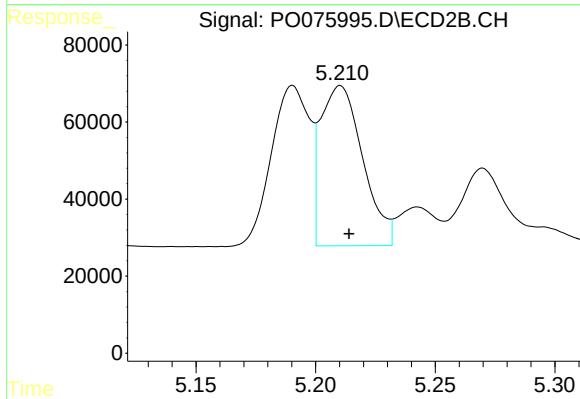
#16 AR-1242-1

R.T.: 5.190 min  
Delta R.T.: -0.005 min  
Response: 463246  
Conc: 389.48 ng/ml



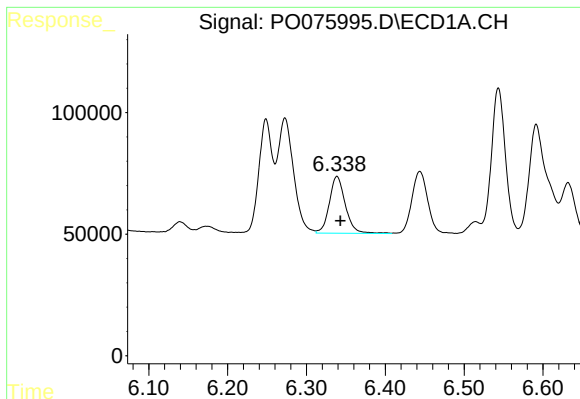
#17 AR-1242-2

R.T.: 6.273 min  
Delta R.T.: -0.003 min  
Response: 656360  
Conc: 294.24 ng/ml



#17 AR-1242-2

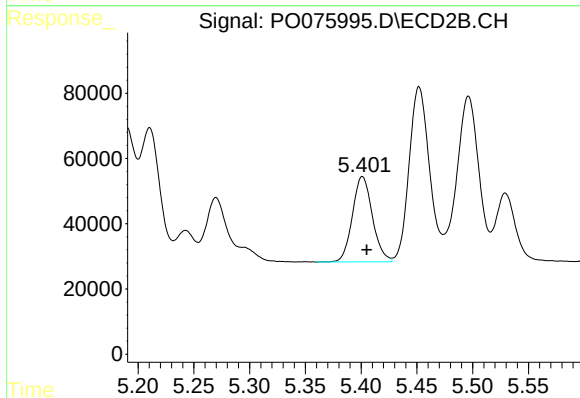
R.T.: 5.210 min  
Delta R.T.: -0.004 min  
Response: 509205  
Conc: 262.16 ng/ml



#18 AR-1242-3

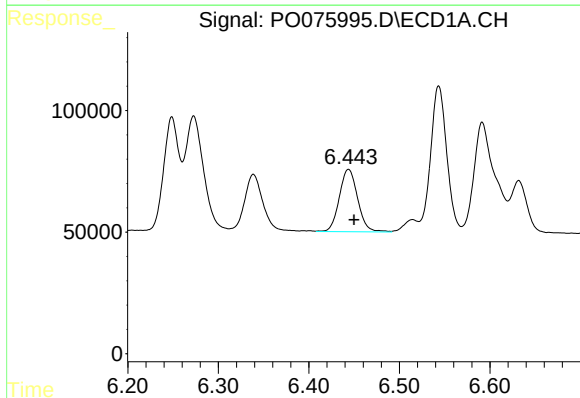
R.T.: 6.339 min  
Delta R.T.: -0.004 min  
Response: 329084  
Conc: 241.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



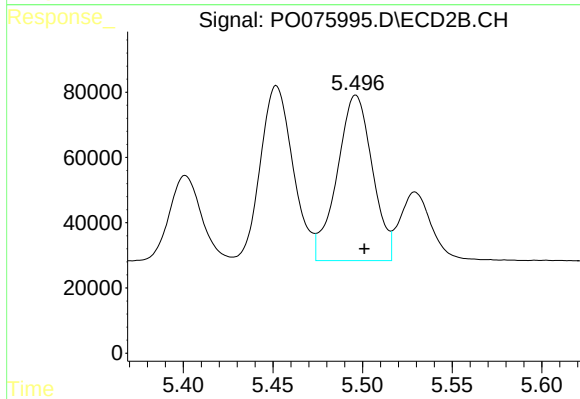
#18 AR-1242-3

R.T.: 5.401 min  
Delta R.T.: -0.004 min  
Response: 325570  
Conc: 332.60 ng/ml



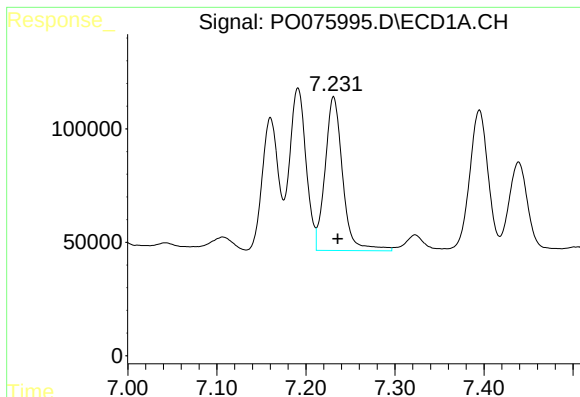
#19 AR-1242-4

R.T.: 6.444 min  
Delta R.T.: -0.006 min  
Response: 362380  
Conc: 340.02 ng/ml



#19 AR-1242-4

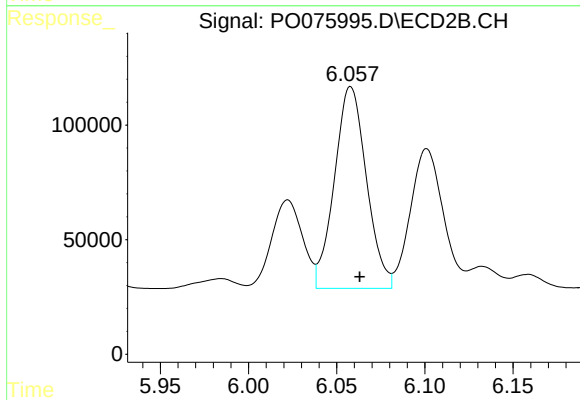
R.T.: 5.496 min  
Delta R.T.: -0.005 min  
Response: 694601  
Conc: 707.99 ng/ml



#20 AR-1242-5

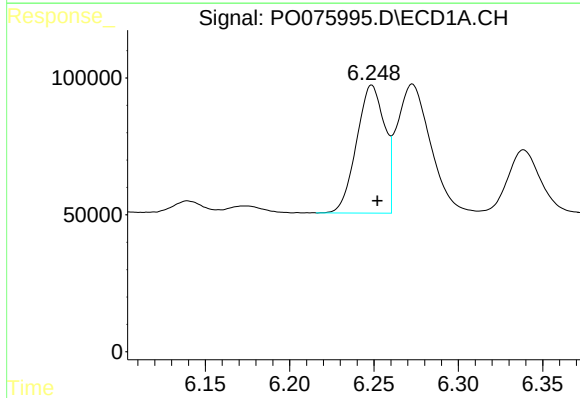
R.T.: 7.231 min  
Delta R.T.: -0.005 min  
Response: 929376  
Conc: 867.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



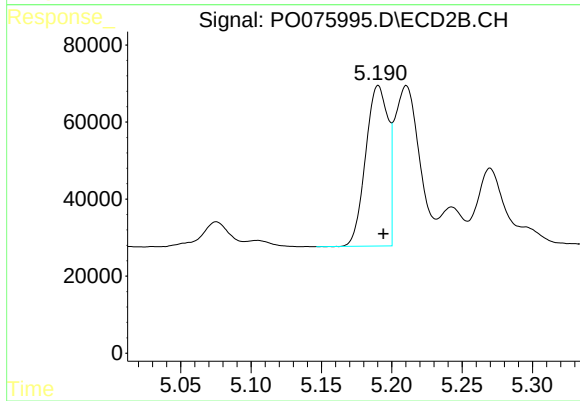
#20 AR-1242-5

R.T.: 6.058 min  
Delta R.T.: -0.005 min  
Response: 1114310  
Conc: 942.27 ng/ml



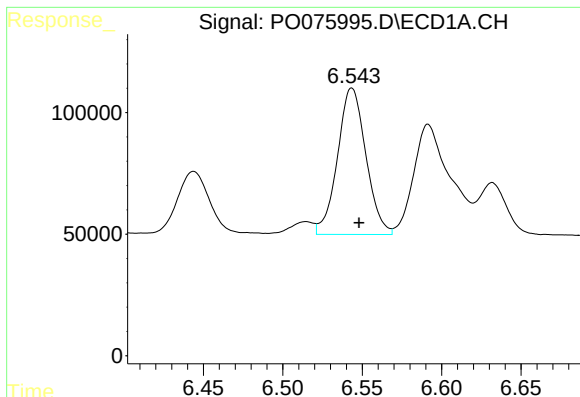
#21 AR-1248-1

R.T.: 6.249 min  
Delta R.T.: -0.003 min  
Response: 541673  
Conc: 496.94 ng/ml



#21 AR-1248-1

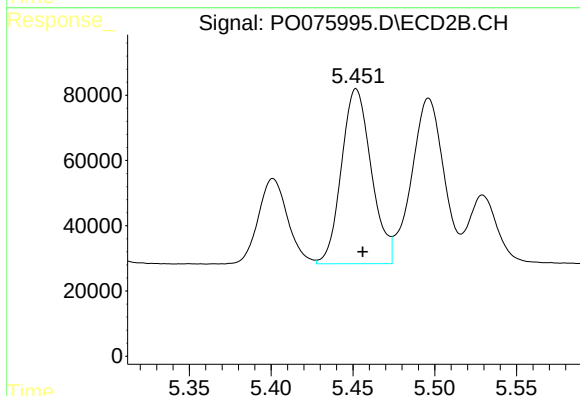
R.T.: 5.190 min  
Delta R.T.: -0.004 min  
Response: 463246  
Conc: 501.99 ng/ml



#22 AR-1248-2

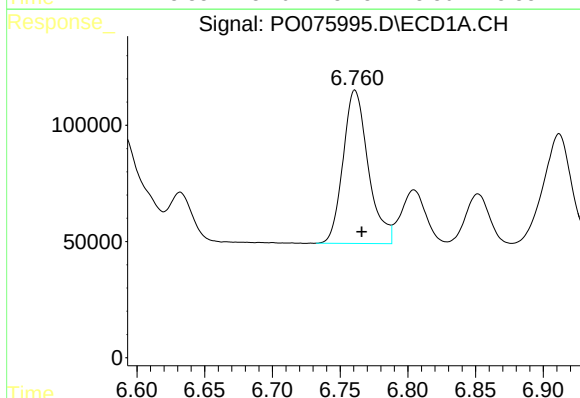
R.T.: 6.543 min  
Delta R.T.: -0.005 min  
Response: 749446  
Conc: 477.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



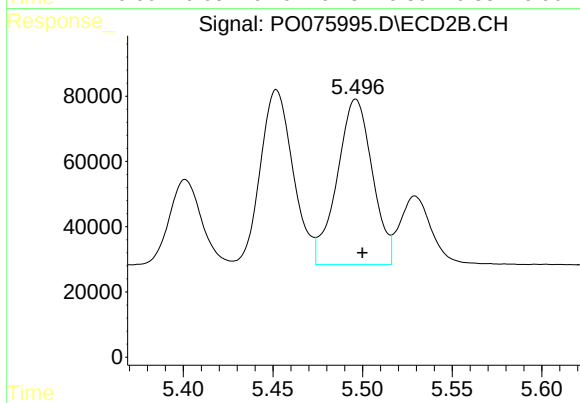
#22 AR-1248-2

R.T.: 5.452 min  
Delta R.T.: -0.004 min  
Response: 681704  
Conc: 476.46 ng/ml



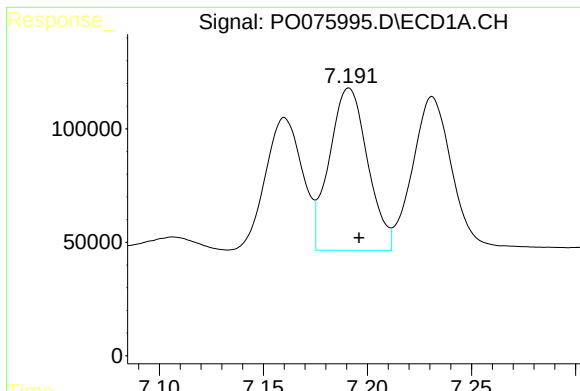
#23 AR-1248-3

R.T.: 6.761 min  
Delta R.T.: -0.005 min  
Response: 854936  
Conc: 475.96 ng/ml



#23 AR-1248-3

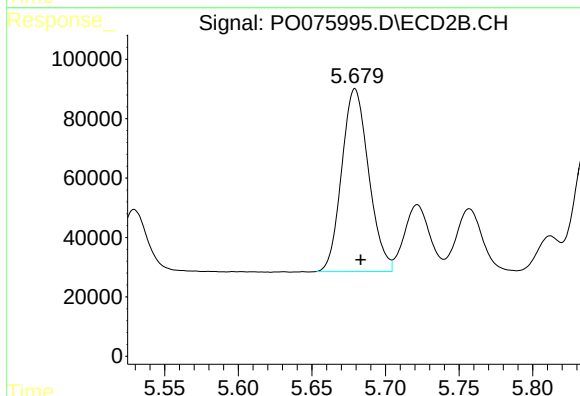
R.T.: 5.496 min  
Delta R.T.: -0.004 min  
Response: 694601  
Conc: 471.71 ng/ml



#24 AR-1248-4

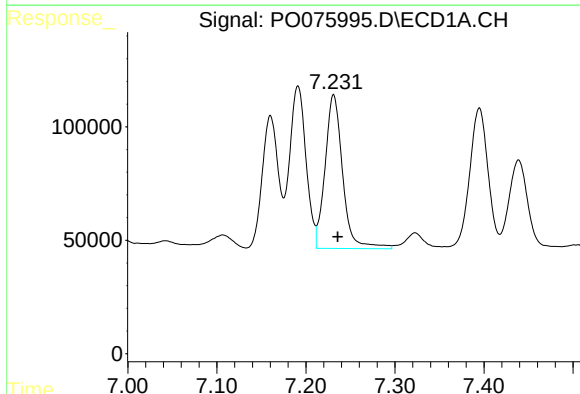
R.T.: 7.191 min  
Delta R.T.: -0.005 min  
Response: 915101  
Conc: 478.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



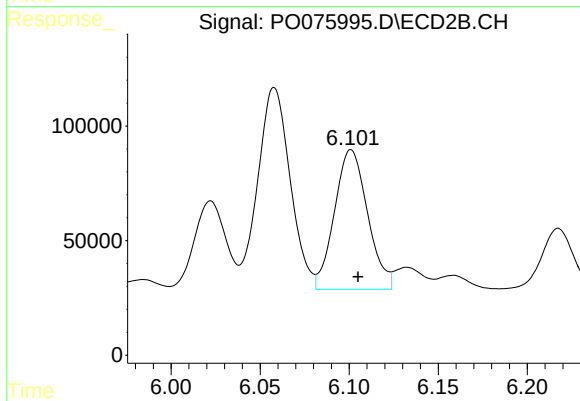
#24 AR-1248-4

R.T.: 5.679 min  
Delta R.T.: -0.004 min  
Response: 785104  
Conc: 464.73 ng/ml



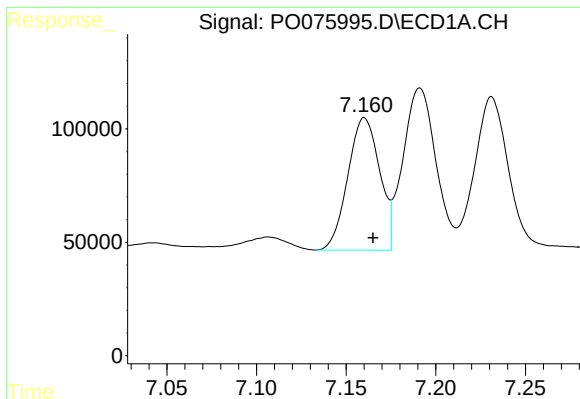
#25 AR-1248-5

R.T.: 7.231 min  
Delta R.T.: -0.005 min  
Response: 929376  
Conc: 490.89 ng/ml



#25 AR-1248-5

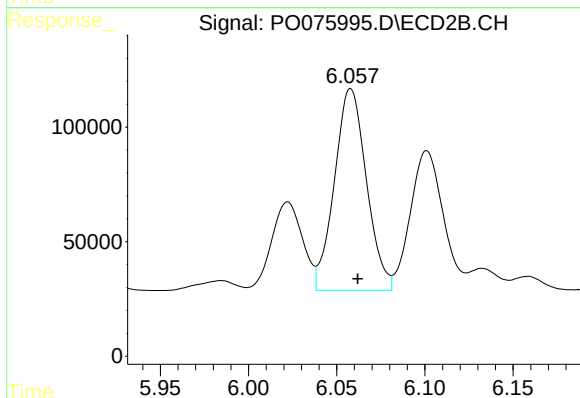
R.T.: 6.101 min  
Delta R.T.: -0.004 min  
Response: 790807  
Conc: 474.45 ng/ml



#26 AR-1254-1

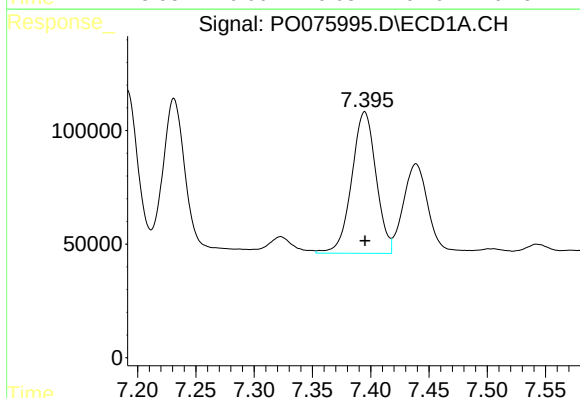
R.T.: 7.160 min  
Delta R.T.: -0.005 min  
Response: 720615  
Conc: 346.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



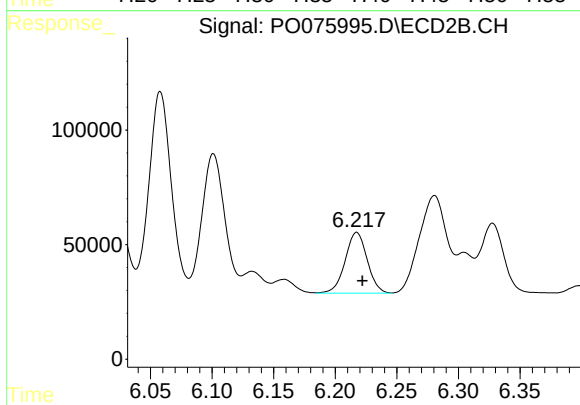
#26 AR-1254-1

R.T.: 6.058 min  
Delta R.T.: -0.004 min  
Response: 1114310  
Conc: 428.56 ng/ml



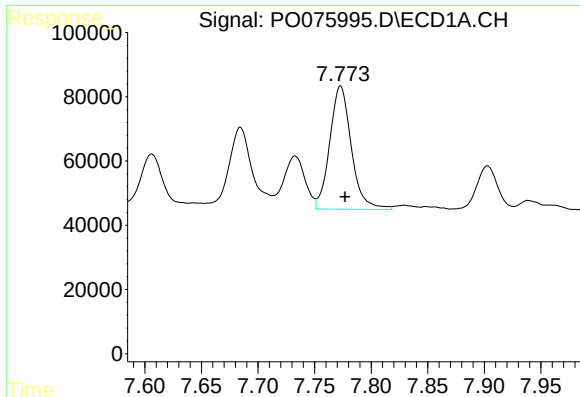
#27 AR-1254-2

R.T.: 7.395 min  
Delta R.T.: 0.000 min  
Response: 905514  
Conc: 287.01 ng/ml



#27 AR-1254-2

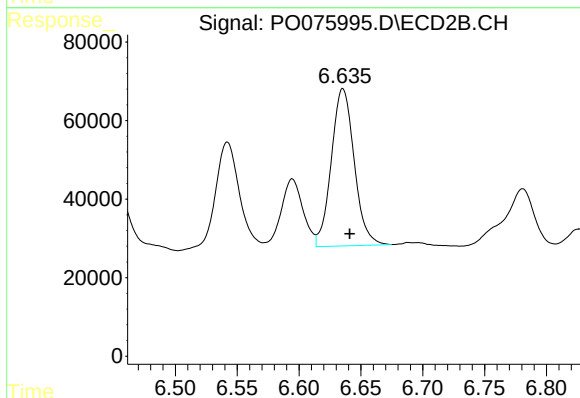
R.T.: 6.217 min  
Delta R.T.: -0.005 min  
Response: 330865  
Conc: 144.13 ng/ml



#28 AR-1254-3

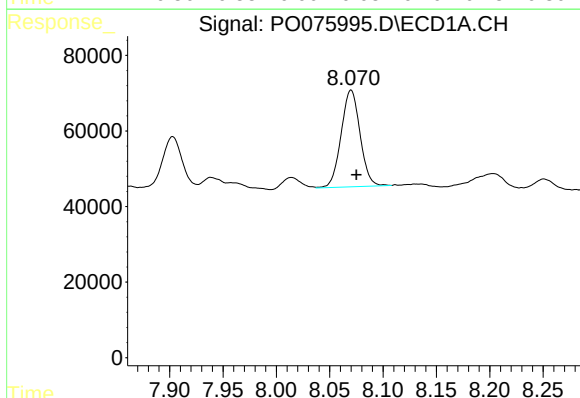
R.T.: 7.773 min  
Delta R.T.: -0.004 min  
Response: 509119  
Conc: 163.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



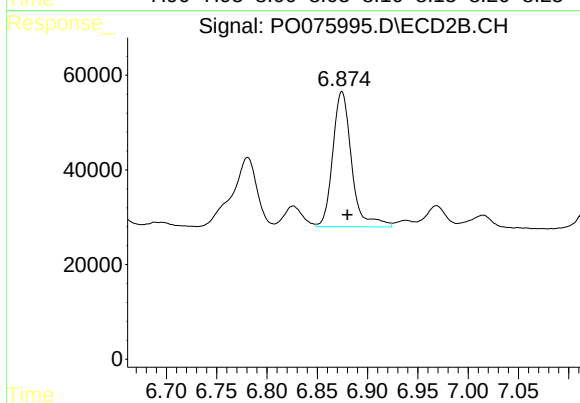
#28 AR-1254-3

R.T.: 6.635 min  
Delta R.T.: -0.006 min  
Response: 516305  
Conc: 148.40 ng/ml



#29 AR-1254-4

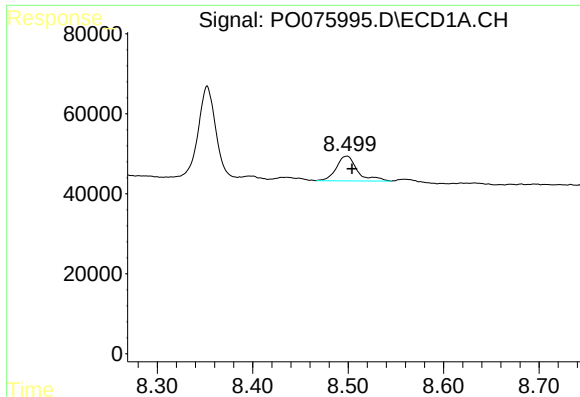
R.T.: 8.070 min  
Delta R.T.: -0.005 min  
Response: 316445  
Conc: 144.75 ng/ml



#29 AR-1254-4

R.T.: 6.875 min  
Delta R.T.: -0.005 min  
Response: 372856  
Conc: 176.27 ng/ml

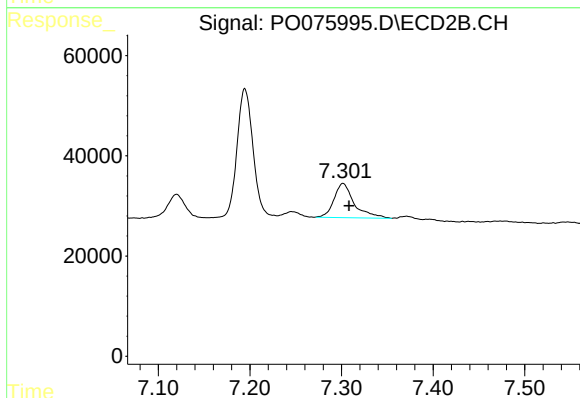




#30 AR-1254-5

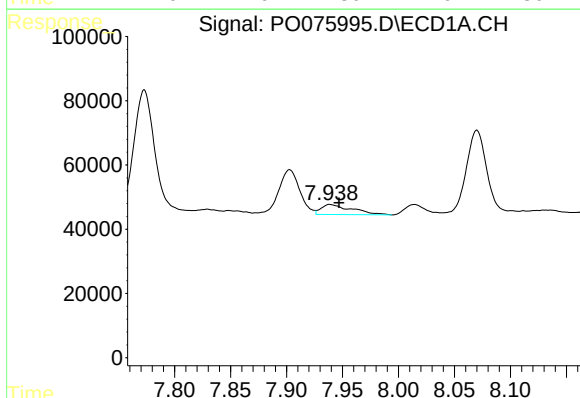
R.T.: 8.499 min  
Delta R.T.: -0.005 min  
Response: 95303  
Conc: 41.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



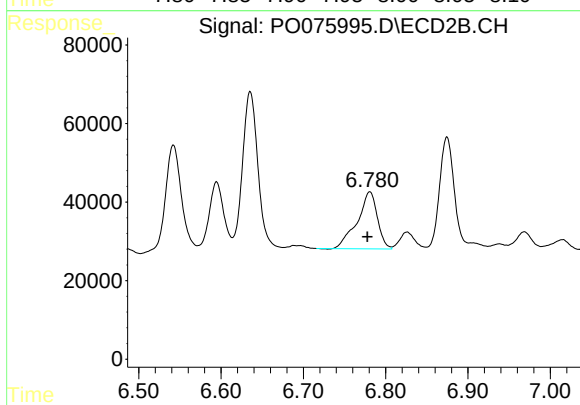
#30 AR-1254-5

R.T.: 7.302 min  
Delta R.T.: -0.006 min  
Response: 104781  
Conc: 33.71 ng/ml



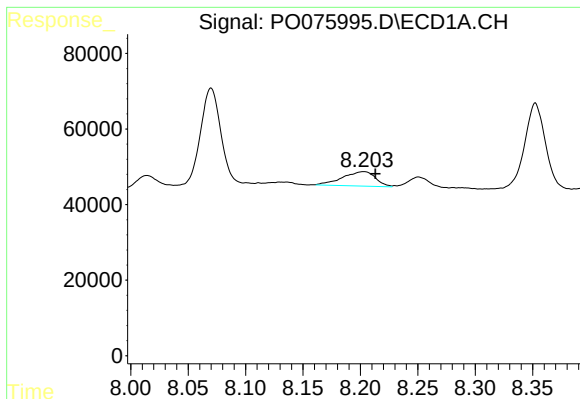
#31 AR-1260-1

R.T.: 7.939 min  
Delta R.T.: -0.008 min  
Response: 59641  
Conc: 28.04 ng/ml



#31 AR-1260-1

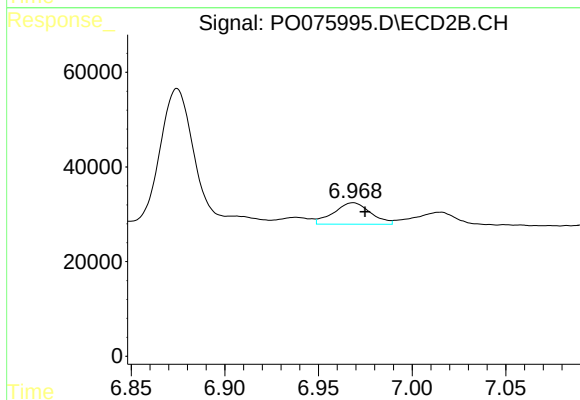
R.T.: 6.781 min  
Delta R.T.: 0.003 min  
Response: 247808  
Conc: 109.19 ng/ml



#32 AR-1260-2

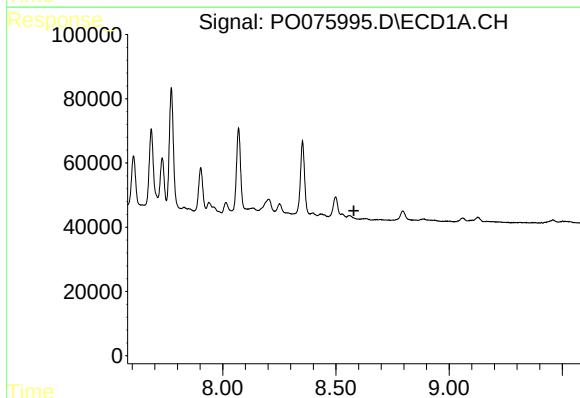
R.T.: 8.203 min  
Delta R.T.: -0.010 min  
Response: 76245  
Conc: 31.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



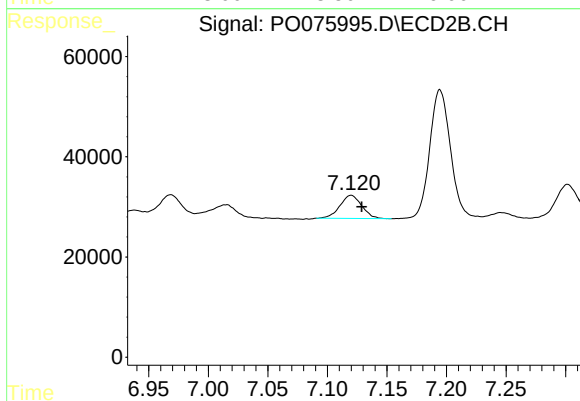
#32 AR-1260-2

R.T.: 6.969 min  
Delta R.T.: -0.006 min  
Response: 61773  
Conc: 22.32 ng/ml



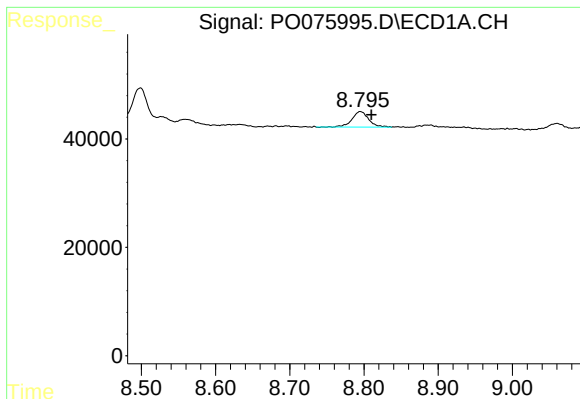
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.579 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

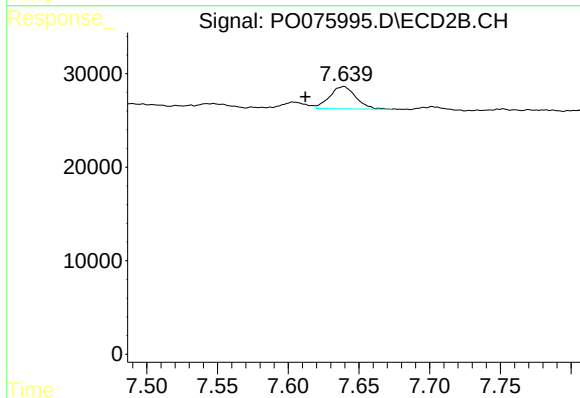
R.T.: 7.120 min  
Delta R.T.: -0.009 min  
Response: 59051  
Conc: 22.83 ng/ml



#34 AR-1260-4

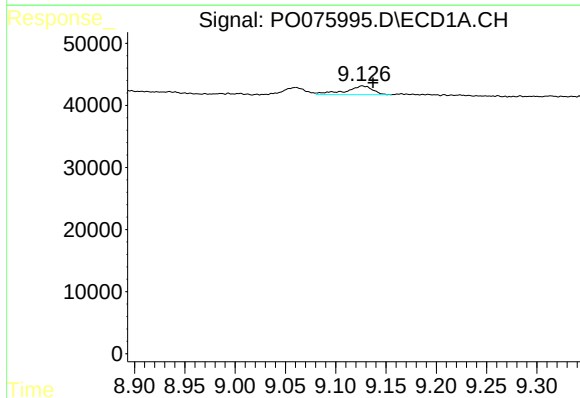
R.T.: 8.795 min  
Delta R.T.: -0.015 min  
Response: 45260  
Conc: 20.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



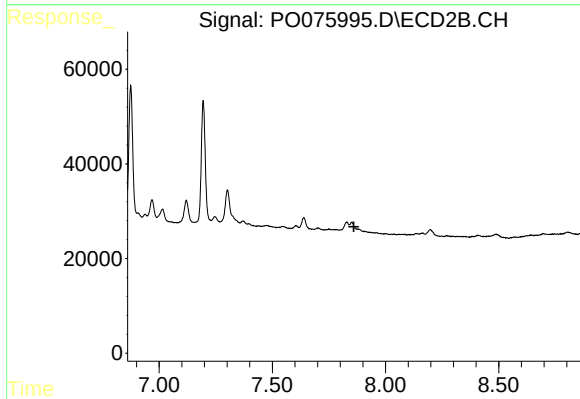
#34 AR-1260-4

R.T.: 7.639 min  
Delta R.T.: 0.027 min  
Response: 30793  
Conc: 14.58 ng/ml



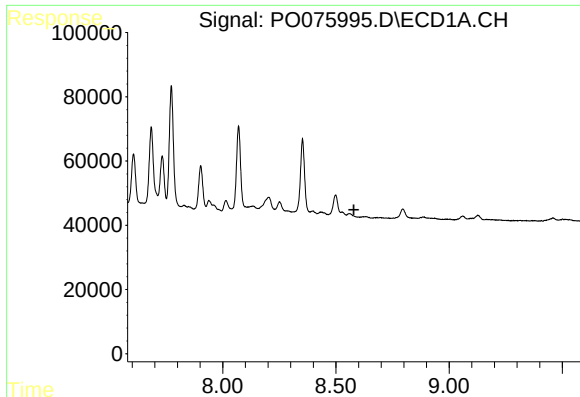
#35 AR-1260-5

R.T.: 9.126 min  
Delta R.T.: -0.011 min  
Response: 26536  
Conc: 6.97 ng/ml



#35 AR-1260-5

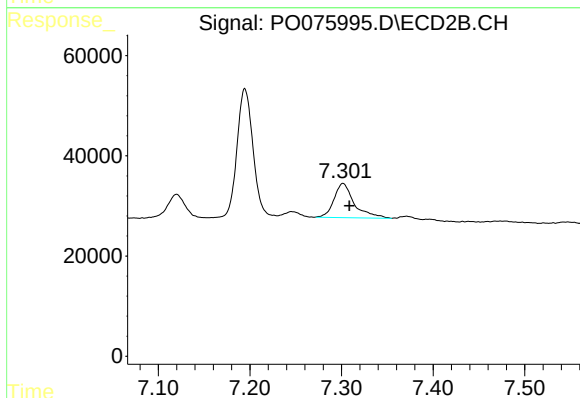
R.T.: 0.000 min  
Exp R.T.: 7.860 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

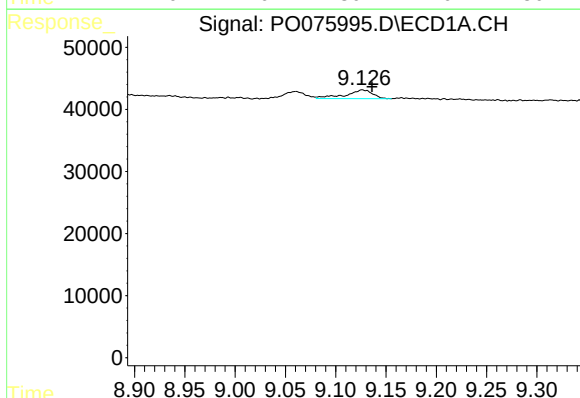
R.T.: 0.000 min  
Exp R.T.: 8.579 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



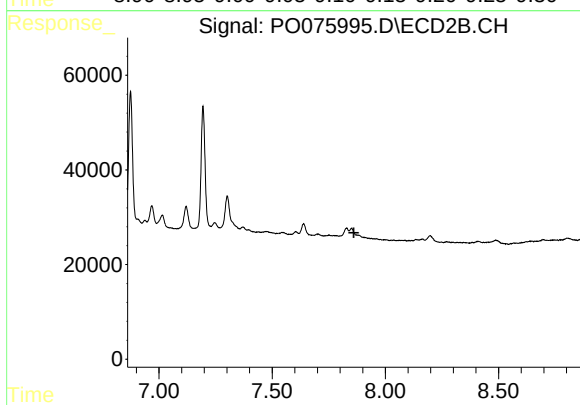
#36 AR-1262-1

R.T.: 7.302 min  
Delta R.T.: -0.007 min  
Response: 104781  
Conc: 60.88 ng/ml



#37 AR-1262-2

R.T.: 9.126 min  
Delta R.T.: -0.010 min  
Response: 26536  
Conc: 5.82 ng/ml



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 7.861 min  
Response: 0  
Conc: N.D.