

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0060721\  
 Data File : P0078541.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 08 Jun 2021 1:34  
 Operator : DD\AJ  
 Sample : AR1242ICV500  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ICVPO060721AR1242

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 08 05:43:14 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0060721.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jun 08 05:39:51 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... | 4.336 | 3.613 | 3767770 | 1609567 | 49.329   | 50.947   |
| 2)                          | SA Decachlor... | 9.945 | 8.798 | 2130917 | 1381512 | 52.553   | 57.454   |
| Target Compounds            |                 |       |       |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 5.632 | 4.841 | 867854  | 392755  | 370.634  | 375.447  |
| 4)                          | L1 AR-1016-2    | 5.654 | 4.860 | 1306482 | 580733  | 362.382  | 367.855  |
| 5)                          | L1 AR-1016-3    | 5.718 | 5.047 | 802329  | 312398  | 366.870  | 390.120  |
| 6)                          | L1 AR-1016-4    | 5.823 | 5.100 | 660178  | 269427  | 376.281  | 381.515  |
| 7)                          | L1 AR-1016-5    | 6.134 | 5.323 | 692108  | 345266  | 398.950  | 395.851  |
| 8)                          | L2 AR-1221-1    | 4.582 | 3.864 | 88481   | 42435   | 105.785  | 111.441  |
| 9)                          | L2 AR-1221-2    | 4.682 | 3.961 | 146292  | 64198   | 241.532  | 228.277  |
| 10)                         | L2 AR-1221-3    | 4.767 | 4.047 | 547565  | 240124  | 276.288  | 266.577  |
| 11)                         | L3 AR-1232-1    | 4.767 | 4.047 | 547565  | 240124  | 357.659  | 330.285  |
| 12)                         | L3 AR-1232-2    | 5.341 | 4.860 | 694408  | 580733  | 893.270  | 842.871  |
| 13)                         | L3 AR-1232-3    | 5.654 | 5.047 | 1306482 | 312398  | 895.974  | 912.230  |
| 14)                         | L3 AR-1232-4    | 5.823 | 5.142 | 660178  | 321862  | 940.929  | 1046.676 |
| 15)                         | L3 AR-1232-5    | 5.923 | 5.323 | 597298  | 345266  | 1185.729 | 990.451  |
| 16)                         | L4 AR-1242-1    | 5.632 | 4.841 | 867854  | 392755  | 480.461  | 466.966  |
| 17)                         | L4 AR-1242-2    | 5.654 | 4.860 | 1306482 | 580733  | 487.025  | 472.047  |
| 18)                         | L4 AR-1242-3    | 5.718 | 5.047 | 802329  | 312398  | 487.389  | 492.616  |
| 19)                         | L4 AR-1242-4    | 5.823 | 5.142 | 660178  | 321862  | 490.167  | 491.920  |
| 20)                         | L4 AR-1242-5    | 6.594 | 5.697 | 692115  | 386617  | 517.135  | 470.206  |
| 21)                         | L5 AR-1248-1    | 5.632 | 4.841 | 867854  | 392755  | 638.315  | 607.720  |
| 22)                         | L5 AR-1248-2    | 5.923 | 5.100 | 597298  | 269427  | 307.615  | 276.315  |
| 23)                         | L5 AR-1248-3    | 6.134 | 5.142 | 692108  | 321862  | 306.243  | 331.745  |
| 24)                         | L5 AR-1248-4    | 6.557 | 5.323 | 646096  | 345266  | 272.713  | 298.068  |
| 25)                         | L5 AR-1248-5    | 6.594 | 5.739 | 692115  | 299699  | 297.409  | 273.349  |
| 26)                         | L6 AR-1254-1    | 6.525 | 5.697 | 512568  | 386617  | 202.543  | 224.004  |
| 27)                         | L6 AR-1254-2    | 6.756 | 5.855 | 603422  | 108426  | 151.952  | 67.619 # |
| 28)                         | L6 AR-1254-3    | 7.128 | 6.267 | 271952  | 147360  | 65.474   | 61.590   |
| 29)                         | L6 AR-1254-4    | 7.422 | 6.505 | 177026  | 91877   | 60.207   | 62.783   |
| 30)                         | L6 AR-1254-5    | 7.845 | 6.928 | 57603   | 53574   | 17.965   | 23.499 # |
| 31)                         | L7 AR-1260-1    | 7.293 | 6.409 | 43143   | 82404   | 14.714   | 51.936 # |
| 32)                         | L7 AR-1260-2    | 7.557 | 6.599 | 64702   | 21345   | 19.668   | 11.460 # |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.747 | 0       | 33413   | N.D.     | 18.831 # |
| 34)                         | L7 AR-1260-4    | 8.134 | 0.000 | 34430   | 0       | 13.387   | N.D. #   |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.928 | 0       | 53574   | N.D.     | 44.846 # |
| -----                       |                 |       |       |         |         |          |          |

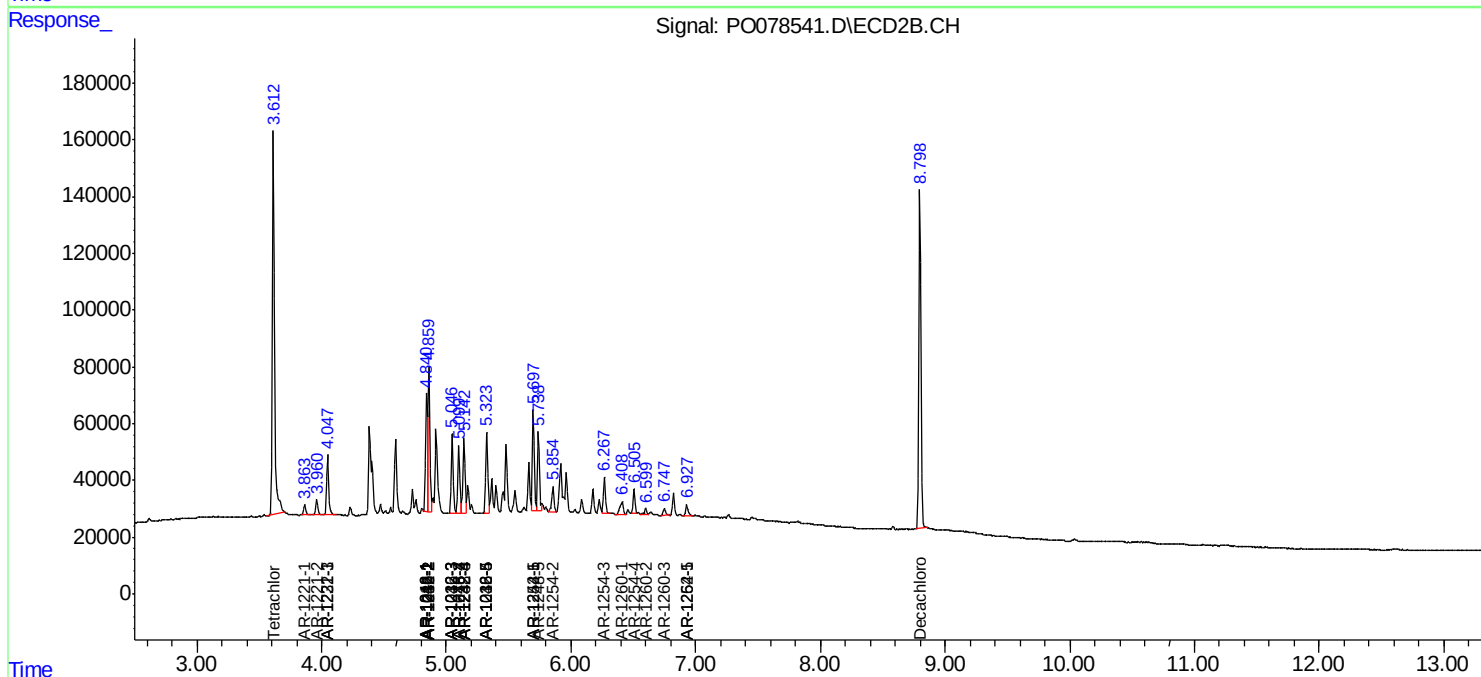
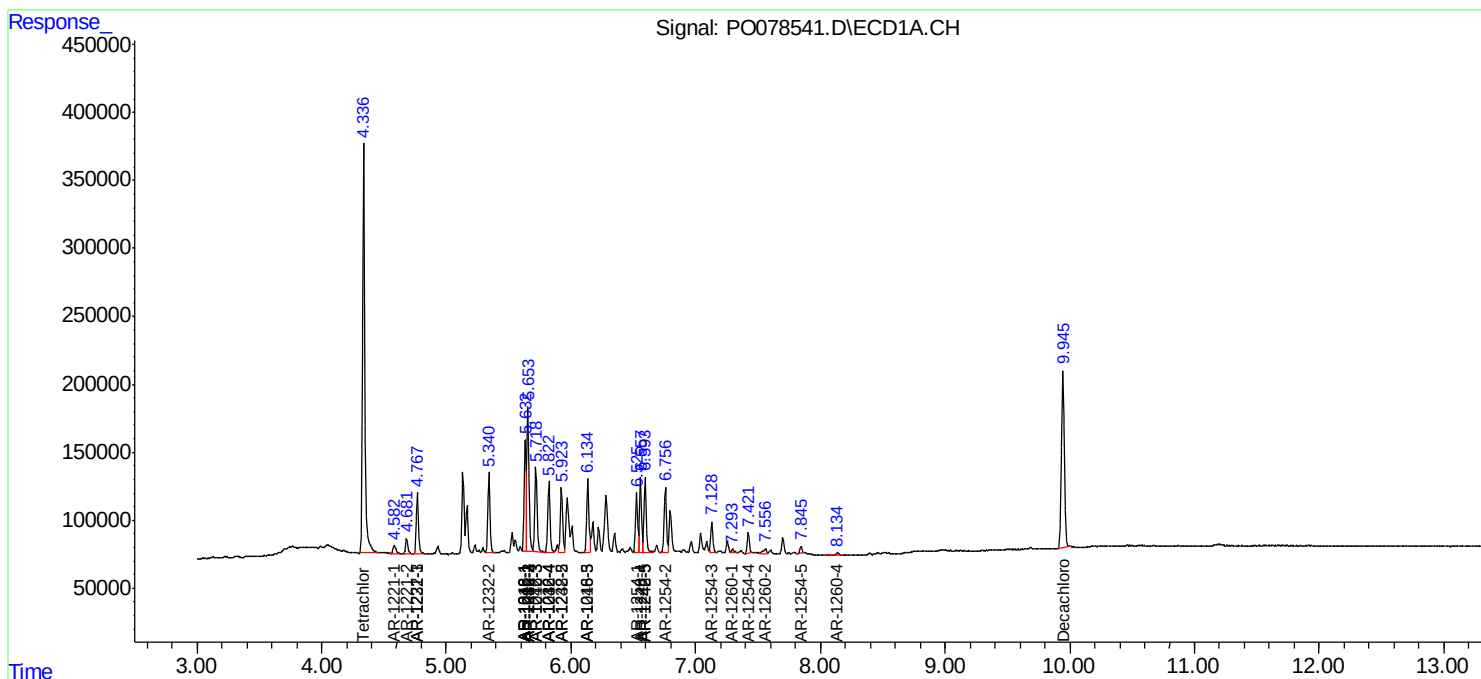
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

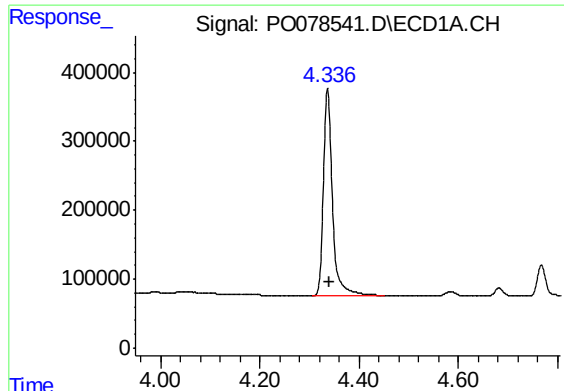
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO060721\  
Data File : PO078541.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 08 Jun 2021 1:34  
Operator : DD\AJ  
Sample : AR1242ICV500  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 08 05:43:14 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO060721.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jun 08 05:39:51 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

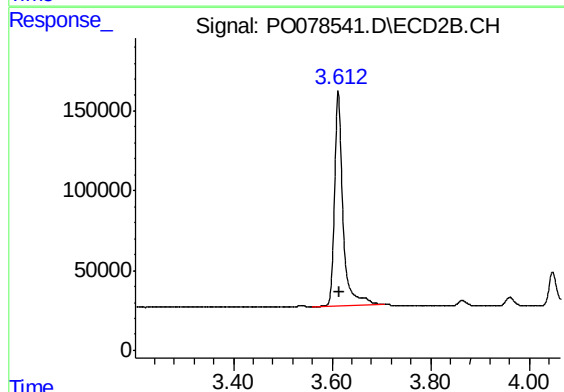




#1 Tetrachloro-m-xylene

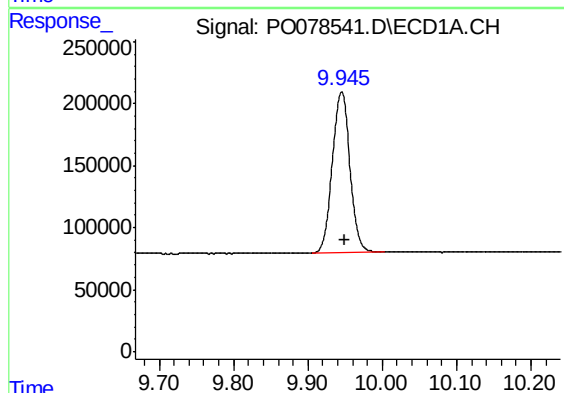
R.T.: 4.336 min  
Delta R.T.: -0.003 min  
Response: 3767770  
Conc: 49.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



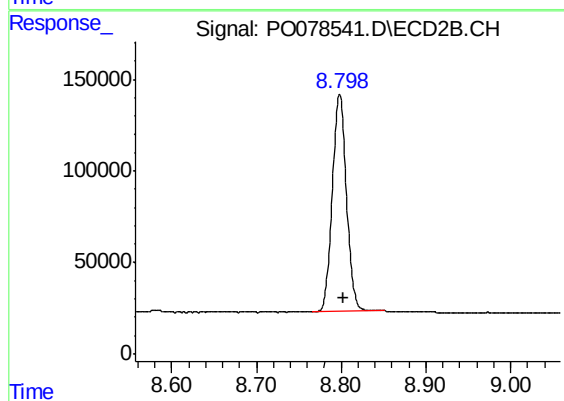
#1 Tetrachloro-m-xylene

R.T.: 3.613 min  
Delta R.T.: -0.003 min  
Response: 1609567  
Conc: 50.95 ng/ml



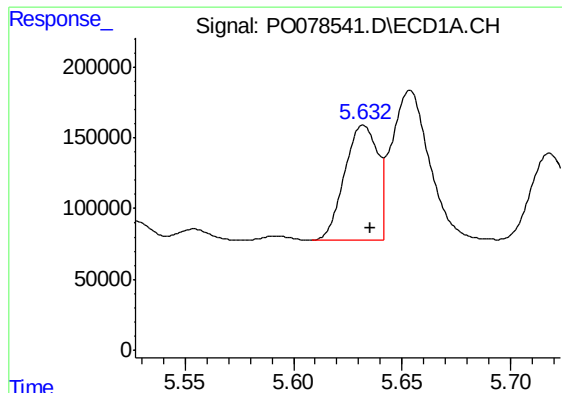
#2 Decachlorobiphenyl

R.T.: 9.945 min  
Delta R.T.: -0.004 min  
Response: 2130917  
Conc: 52.55 ng/ml



#2 Decachlorobiphenyl

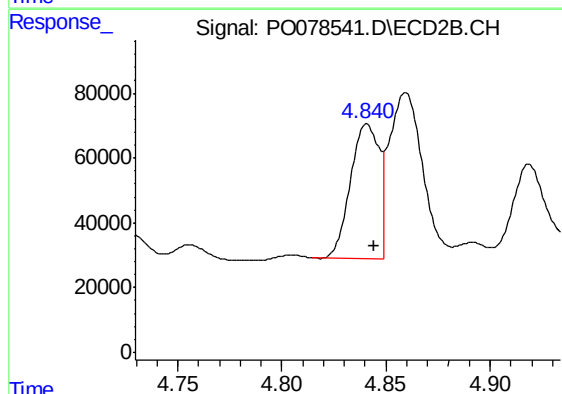
R.T.: 8.798 min  
Delta R.T.: -0.005 min  
Response: 1381512  
Conc: 57.45 ng/ml



#3 AR-1016-1

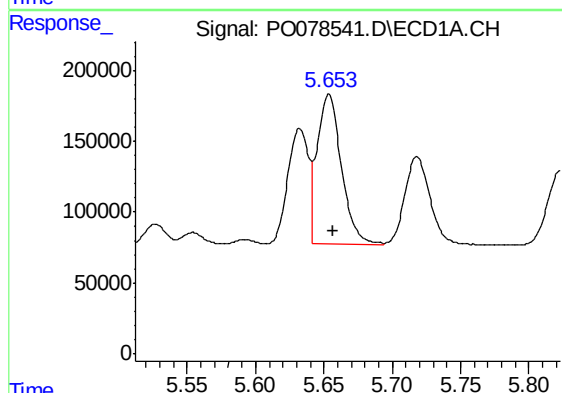
R.T.: 5.632 min  
Delta R.T.: -0.003 min  
Response: 867854  
Conc: 370.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



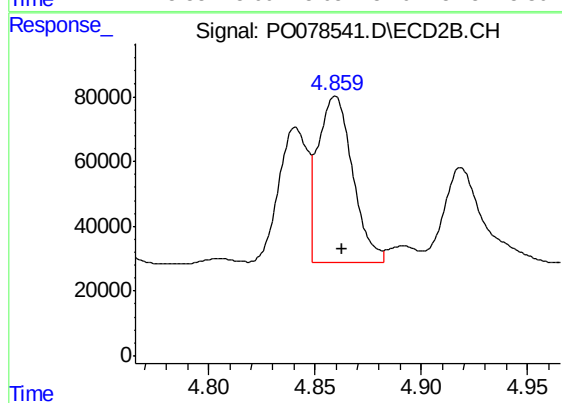
#3 AR-1016-1

R.T.: 4.841 min  
Delta R.T.: -0.004 min  
Response: 392755  
Conc: 375.45 ng/ml



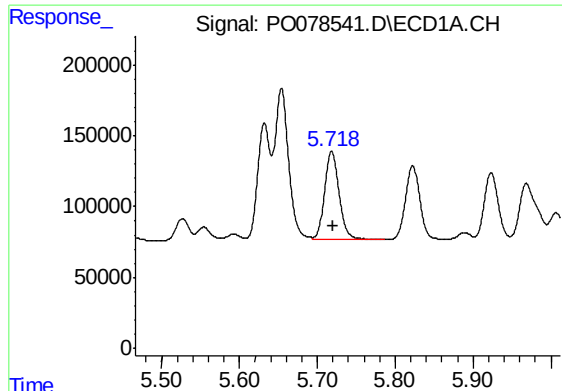
#4 AR-1016-2

R.T.: 5.654 min  
Delta R.T.: -0.003 min  
Response: 1306482  
Conc: 362.38 ng/ml



#4 AR-1016-2

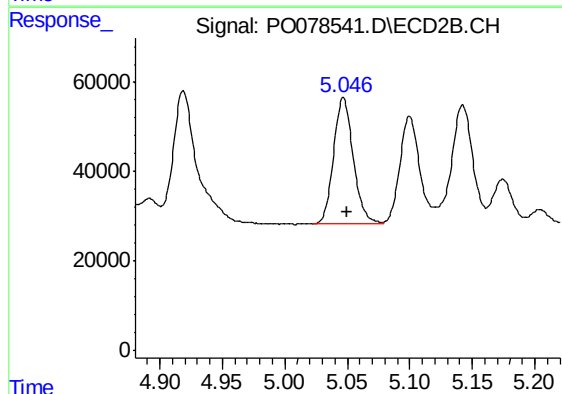
R.T.: 4.860 min  
Delta R.T.: -0.003 min  
Response: 580733  
Conc: 367.86 ng/ml



#5 AR-1016-3

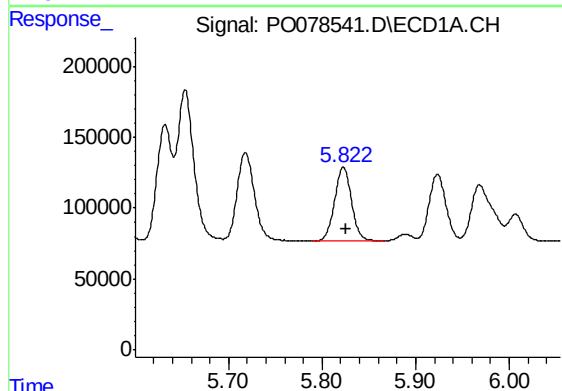
R.T.: 5.718 min  
Delta R.T.: -0.003 min  
Response: 802329  
Conc: 366.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



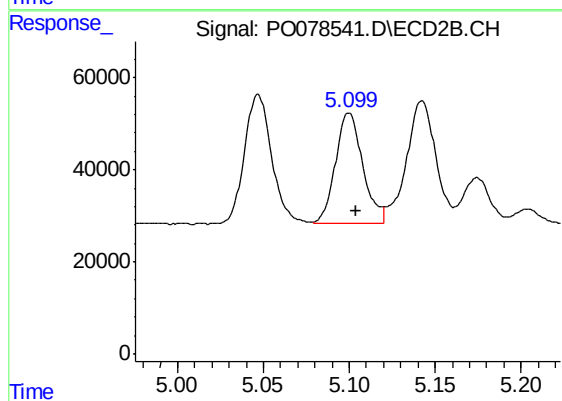
#5 AR-1016-3

R.T.: 5.047 min  
Delta R.T.: -0.003 min  
Response: 312398  
Conc: 390.12 ng/ml



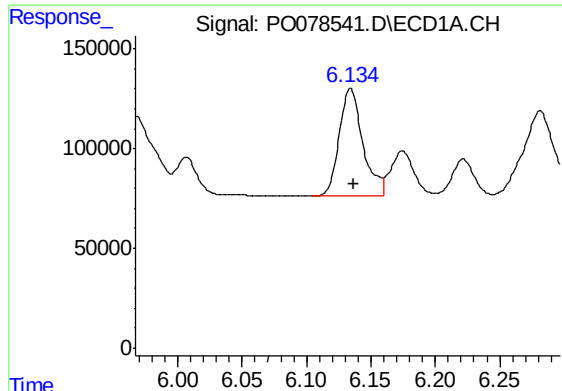
#6 AR-1016-4

R.T.: 5.823 min  
Delta R.T.: -0.003 min  
Response: 660178  
Conc: 376.28 ng/ml



#6 AR-1016-4

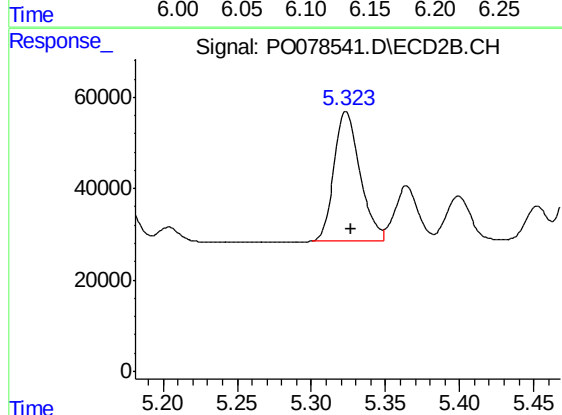
R.T.: 5.100 min  
Delta R.T.: -0.004 min  
Response: 269427  
Conc: 381.52 ng/ml



#7 AR-1016-5

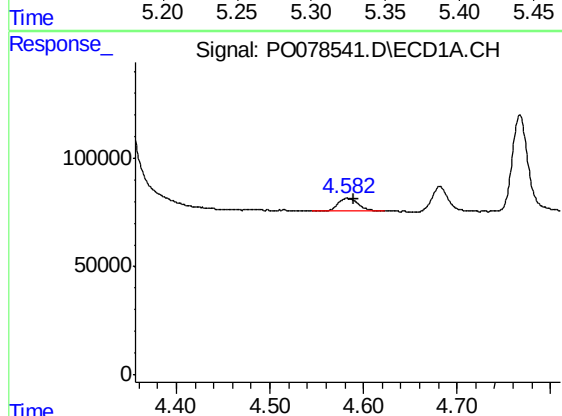
R.T.: 6.134 min  
Delta R.T.: -0.003 min  
Response: 692108  
Conc: 398.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



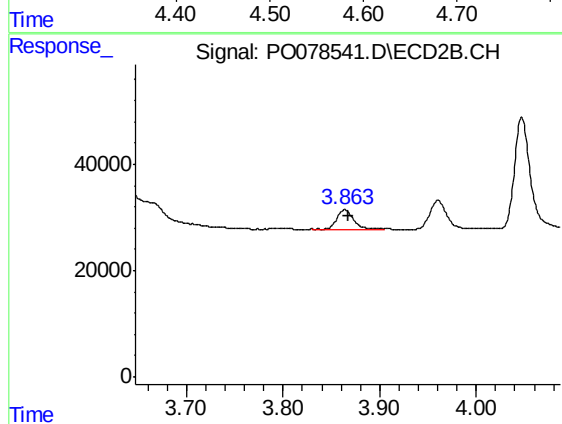
#7 AR-1016-5

R.T.: 5.323 min  
Delta R.T.: -0.004 min  
Response: 345266  
Conc: 395.85 ng/ml



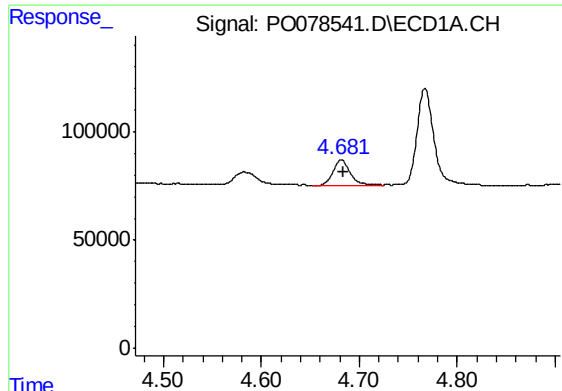
#8 AR-1221-1

R.T.: 4.582 min  
Delta R.T.: -0.007 min  
Response: 88481  
Conc: 105.79 ng/ml



#8 AR-1221-1

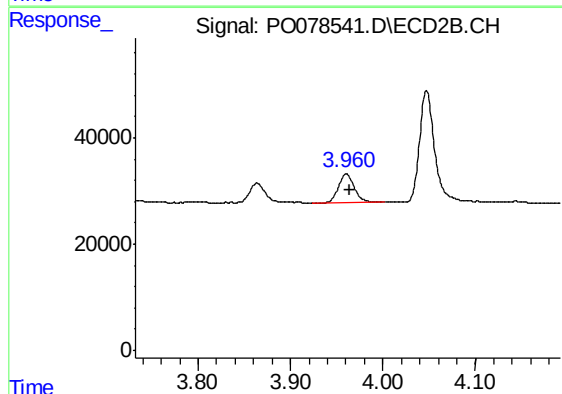
R.T.: 3.864 min  
Delta R.T.: -0.003 min  
Response: 42435  
Conc: 111.44 ng/ml



#9 AR-1221-2

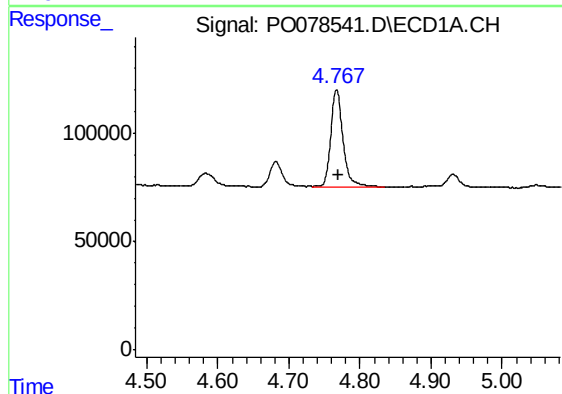
R.T.: 4.682 min  
Delta R.T.: -0.002 min  
Response: 146292  
Conc: 241.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



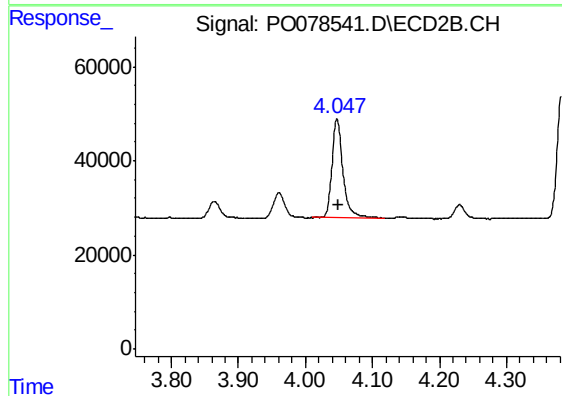
#9 AR-1221-2

R.T.: 3.961 min  
Delta R.T.: -0.003 min  
Response: 64198  
Conc: 228.28 ng/ml



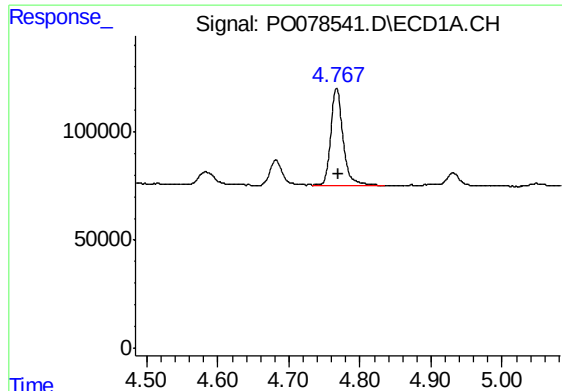
#10 AR-1221-3

R.T.: 4.767 min  
Delta R.T.: -0.002 min  
Response: 547565  
Conc: 276.29 ng/ml



#10 AR-1221-3

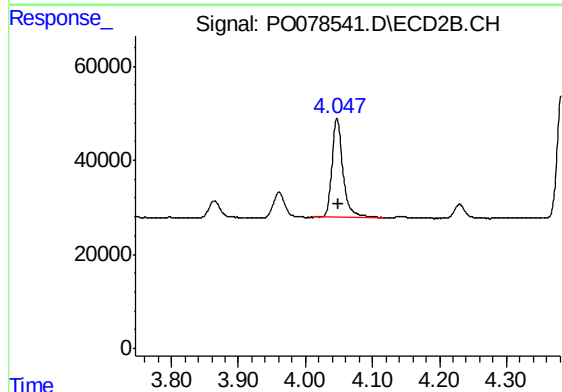
R.T.: 4.047 min  
Delta R.T.: -0.002 min  
Response: 240124  
Conc: 266.58 ng/ml



#11 AR-1232-1

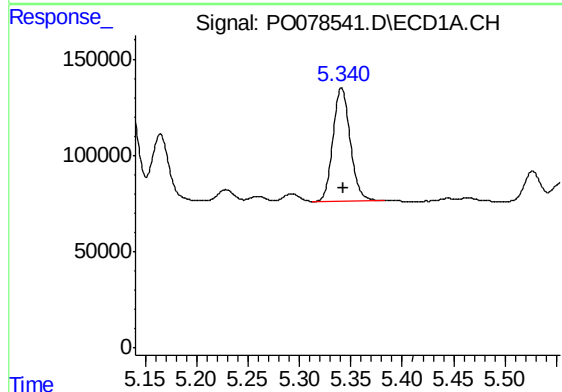
R.T.: 4.767 min  
Delta R.T.: -0.002 min  
Response: 547565  
Conc: 357.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



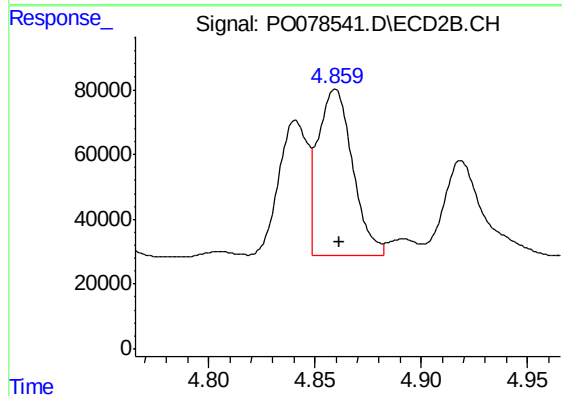
#11 AR-1232-1

R.T.: 4.047 min  
Delta R.T.: -0.002 min  
Response: 240124  
Conc: 330.29 ng/ml



#12 AR-1232-2

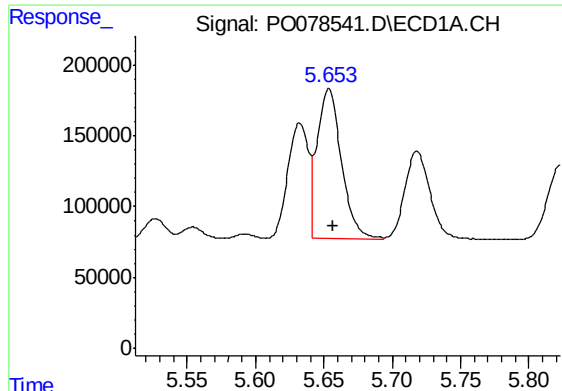
R.T.: 5.341 min  
Delta R.T.: -0.002 min  
Response: 694408  
Conc: 893.27 ng/ml



#12 AR-1232-2

R.T.: 4.860 min  
Delta R.T.: -0.002 min  
Response: 580733  
Conc: 842.87 ng/ml

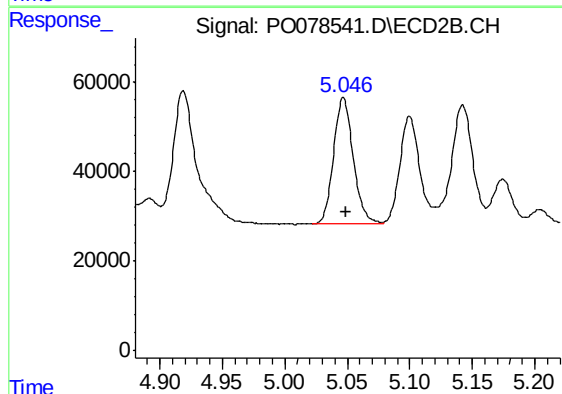




#13 AR-1232-3

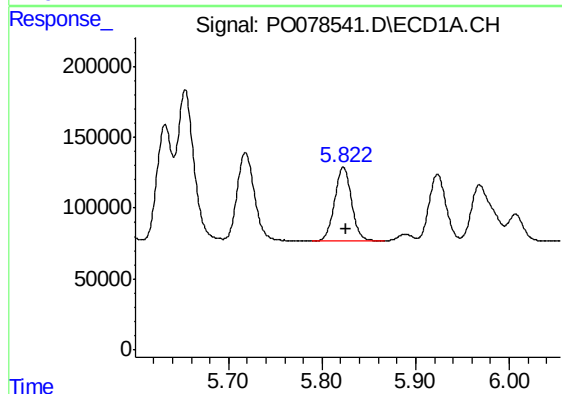
R.T.: 5.654 min  
Delta R.T.: -0.003 min  
Response: 1306482  
Conc: 895.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



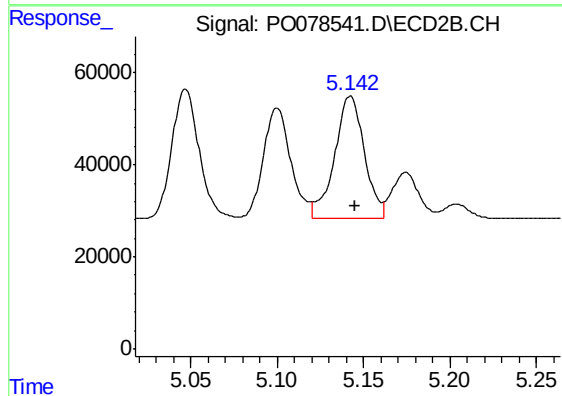
#13 AR-1232-3

R.T.: 5.047 min  
Delta R.T.: -0.002 min  
Response: 312398  
Conc: 912.23 ng/ml



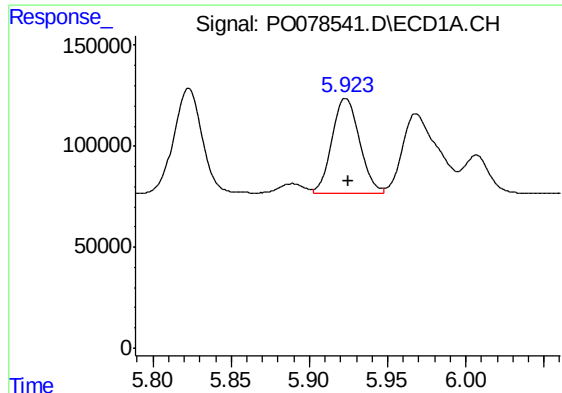
#14 AR-1232-4

R.T.: 5.823 min  
Delta R.T.: -0.003 min  
Response: 660178  
Conc: 940.93 ng/ml



#14 AR-1232-4

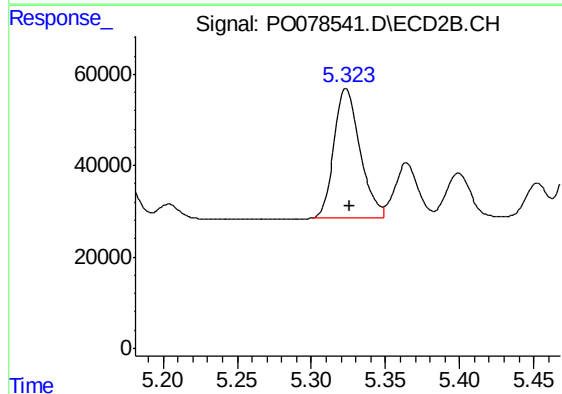
R.T.: 5.142 min  
Delta R.T.: -0.003 min  
Response: 321862  
Conc: 1046.68 ng/ml



#15 AR-1232-5

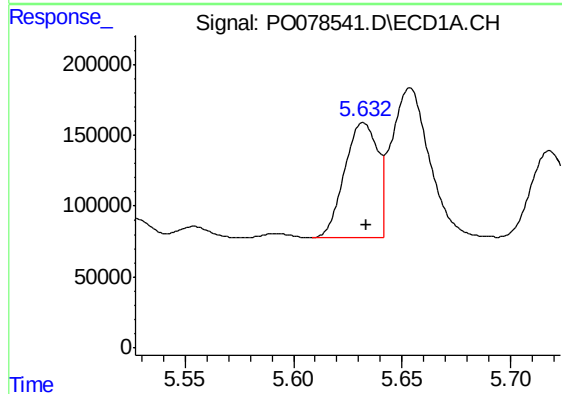
R.T.: 5.923 min  
Delta R.T.: -0.001 min  
Response: 597298  
Conc: 1185.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



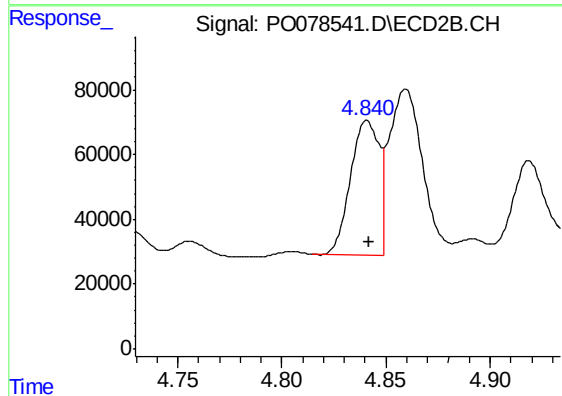
#15 AR-1232-5

R.T.: 5.323 min  
Delta R.T.: -0.002 min  
Response: 345266  
Conc: 990.45 ng/ml



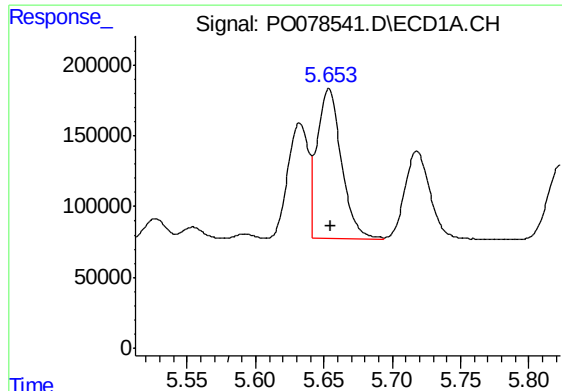
#16 AR-1242-1

R.T.: 5.632 min  
Delta R.T.: -0.001 min  
Response: 867854  
Conc: 480.46 ng/ml



#16 AR-1242-1

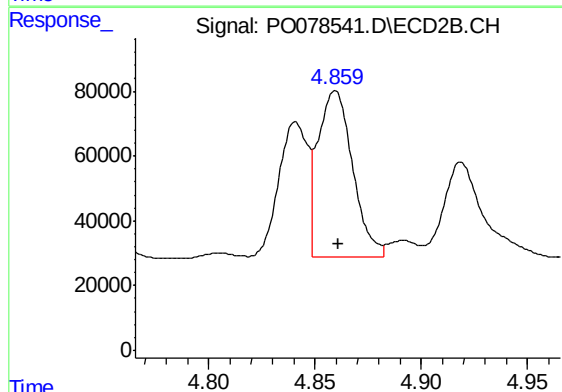
R.T.: 4.841 min  
Delta R.T.: -0.001 min  
Response: 392755  
Conc: 466.97 ng/ml



#17 AR-1242-2

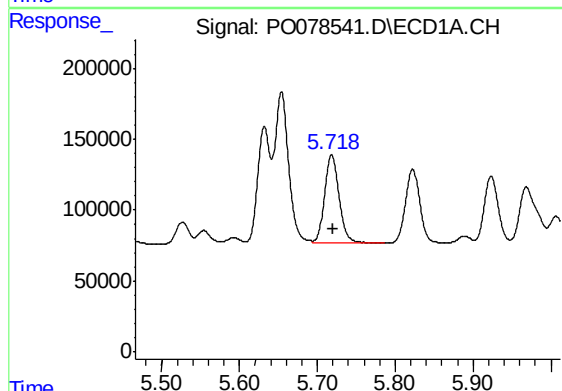
R.T.: 5.654 min  
Delta R.T.: -0.002 min  
Response: 1306482  
Conc: 487.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



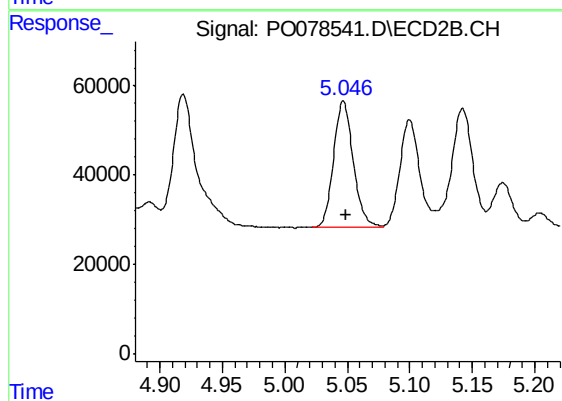
#17 AR-1242-2

R.T.: 4.860 min  
Delta R.T.: -0.001 min  
Response: 580733  
Conc: 472.05 ng/ml



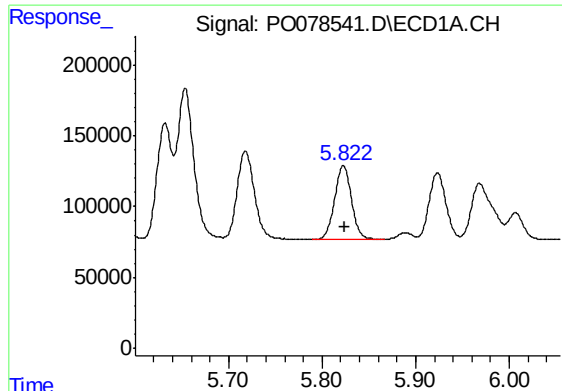
#18 AR-1242-3

R.T.: 5.718 min  
Delta R.T.: -0.002 min  
Response: 802329  
Conc: 487.39 ng/ml



#18 AR-1242-3

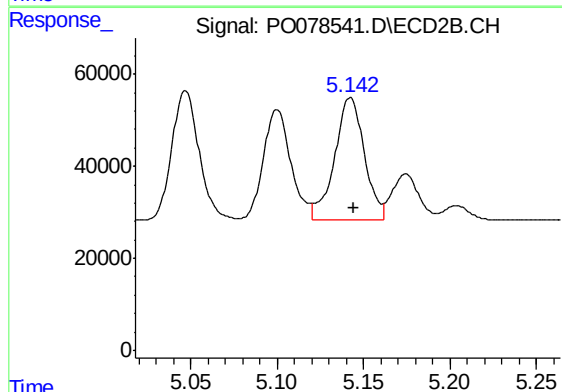
R.T.: 5.047 min  
Delta R.T.: -0.002 min  
Response: 312398  
Conc: 492.62 ng/ml



#19 AR-1242-4

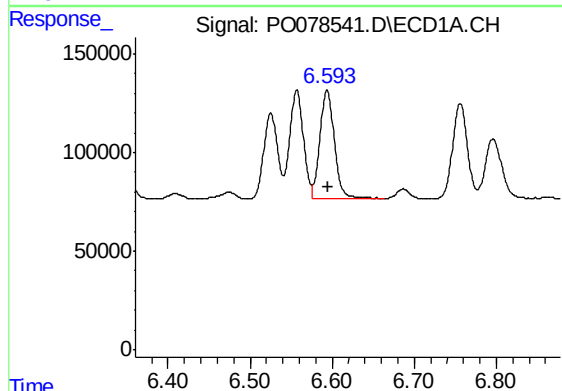
R.T.: 5.823 min  
Delta R.T.: -0.002 min  
Response: 660178  
Conc: 490.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



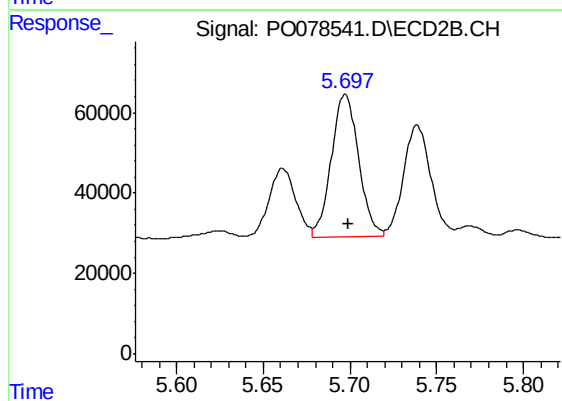
#19 AR-1242-4

R.T.: 5.142 min  
Delta R.T.: -0.002 min  
Response: 321862  
Conc: 491.92 ng/ml



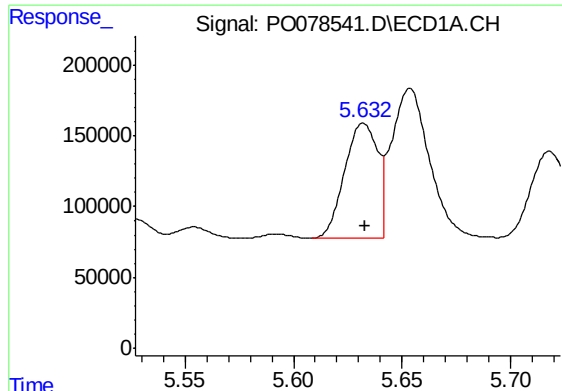
#20 AR-1242-5

R.T.: 6.594 min  
Delta R.T.: -0.001 min  
Response: 692115  
Conc: 517.13 ng/ml



#20 AR-1242-5

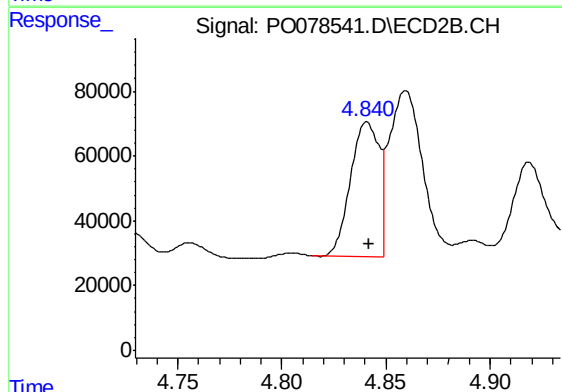
R.T.: 5.697 min  
Delta R.T.: -0.002 min  
Response: 386617  
Conc: 470.21 ng/ml



#21 AR-1248-1

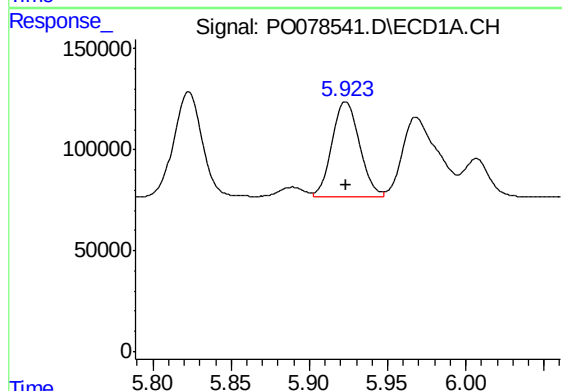
R.T.: 5.632 min  
Delta R.T.: 0.000 min  
Response: 867854  
Conc: 638.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



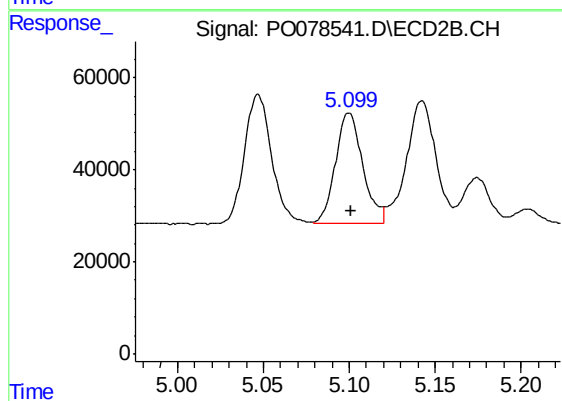
#21 AR-1248-1

R.T.: 4.841 min  
Delta R.T.: -0.001 min  
Response: 392755  
Conc: 607.72 ng/ml



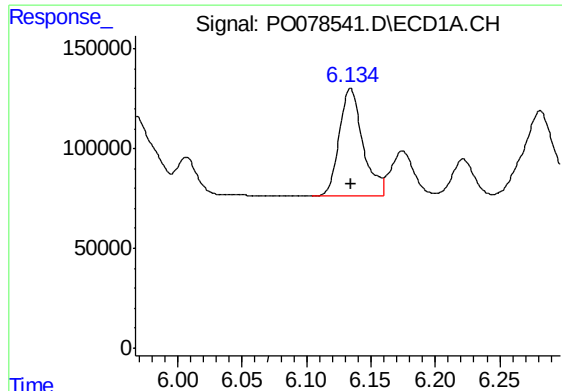
#22 AR-1248-2

R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 597298  
Conc: 307.61 ng/ml



#22 AR-1248-2

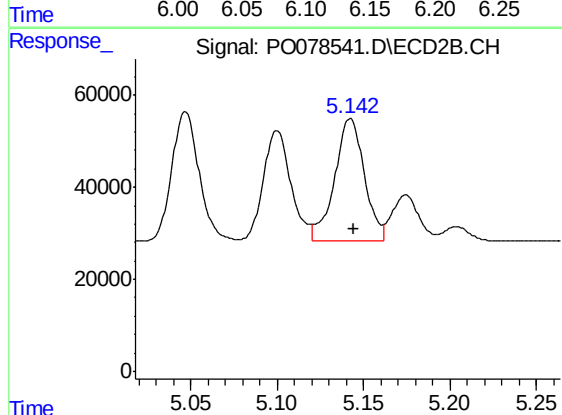
R.T.: 5.100 min  
Delta R.T.: -0.001 min  
Response: 269427  
Conc: 276.32 ng/ml



#23 AR-1248-3

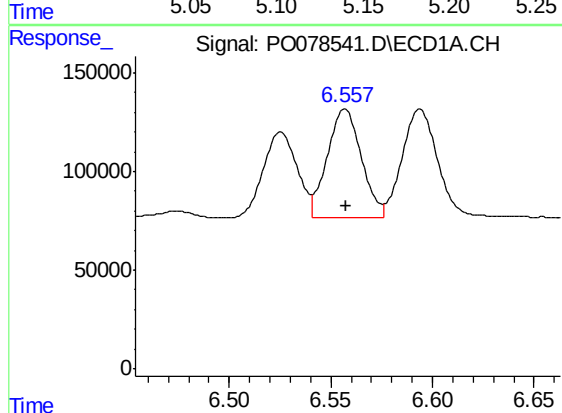
R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 692108  
Conc: 306.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



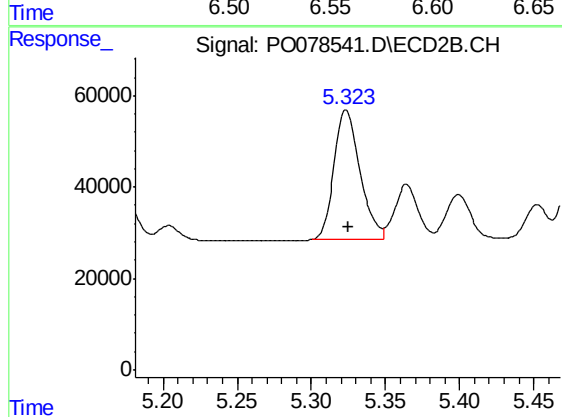
#23 AR-1248-3

R.T.: 5.142 min  
Delta R.T.: -0.002 min  
Response: 321862  
Conc: 331.75 ng/ml



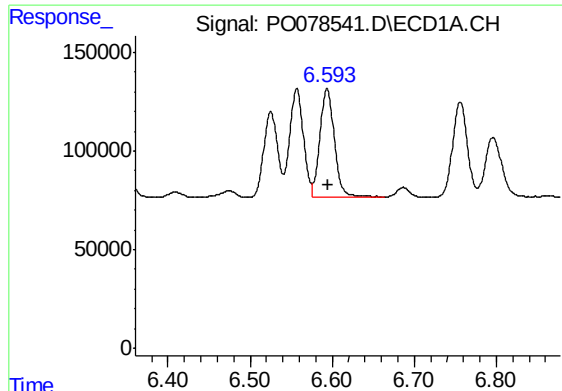
#24 AR-1248-4

R.T.: 6.557 min  
Delta R.T.: 0.000 min  
Response: 646096  
Conc: 272.71 ng/ml



#24 AR-1248-4

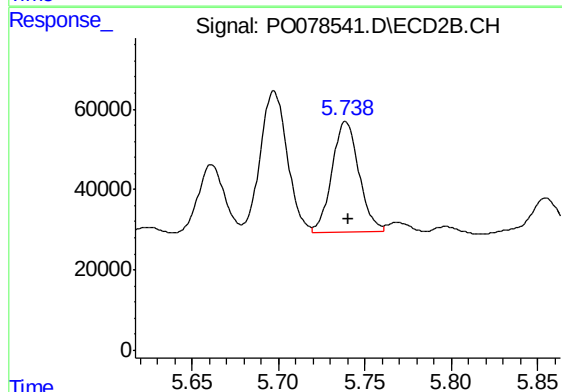
R.T.: 5.323 min  
Delta R.T.: -0.001 min  
Response: 345266  
Conc: 298.07 ng/ml



#25 AR-1248-5

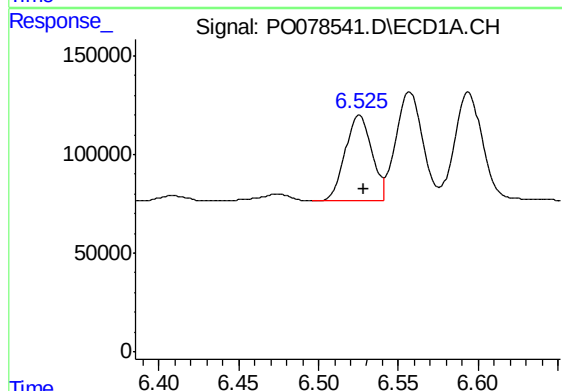
R.T.: 6.594 min  
Delta R.T.: -0.001 min  
Response: 692115  
Conc: 297.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



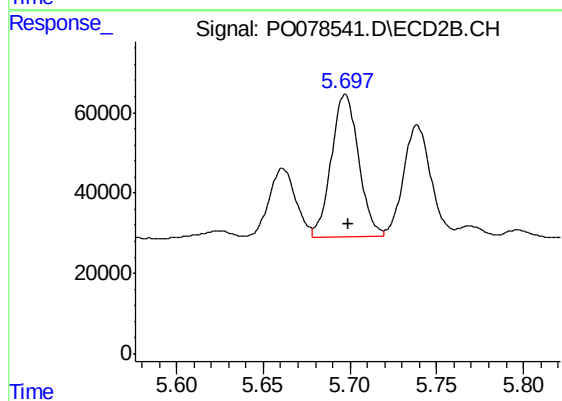
#25 AR-1248-5

R.T.: 5.739 min  
Delta R.T.: -0.002 min  
Response: 299699  
Conc: 273.35 ng/ml



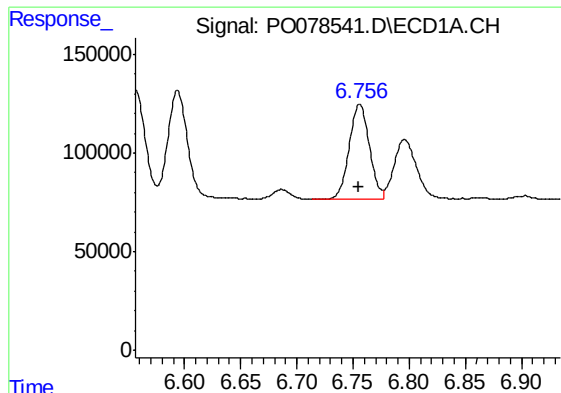
#26 AR-1254-1

R.T.: 6.525 min  
Delta R.T.: -0.003 min  
Response: 512568  
Conc: 202.54 ng/ml



#26 AR-1254-1

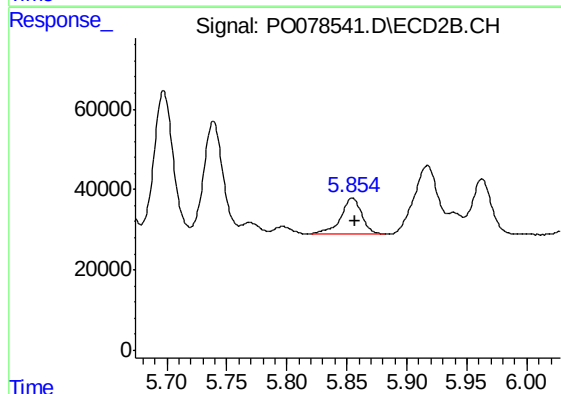
R.T.: 5.697 min  
Delta R.T.: -0.002 min  
Response: 386617  
Conc: 224.00 ng/ml



#27 AR-1254-2

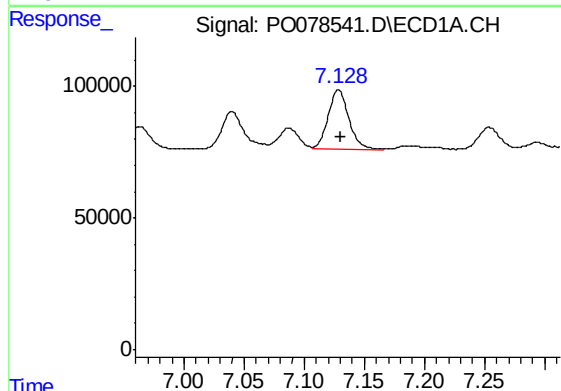
R.T.: 6.756 min  
Delta R.T.: 0.001 min  
Response: 603422  
Conc: 151.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



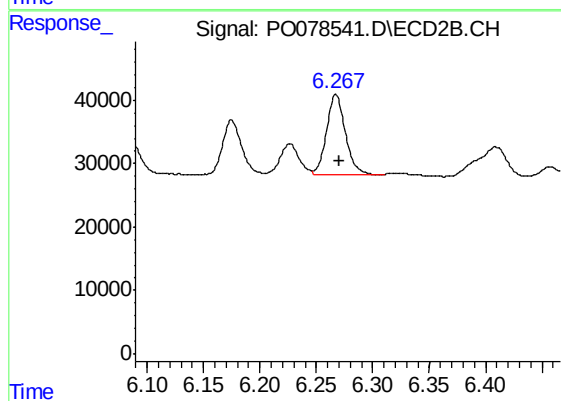
#27 AR-1254-2

R.T.: 5.855 min  
Delta R.T.: -0.002 min  
Response: 108426  
Conc: 67.62 ng/ml



#28 AR-1254-3

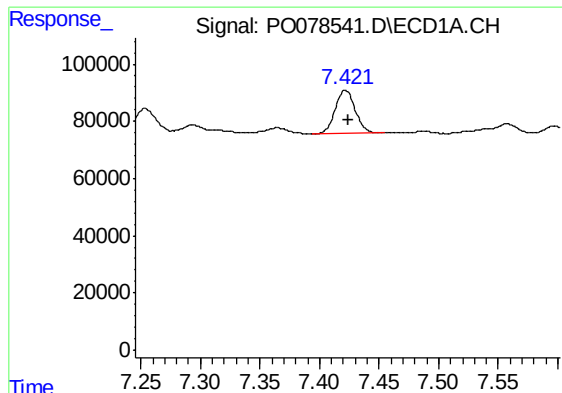
R.T.: 7.128 min  
Delta R.T.: -0.002 min  
Response: 271952  
Conc: 65.47 ng/ml



#28 AR-1254-3

R.T.: 6.267 min  
Delta R.T.: -0.003 min  
Response: 147360  
Conc: 61.59 ng/ml

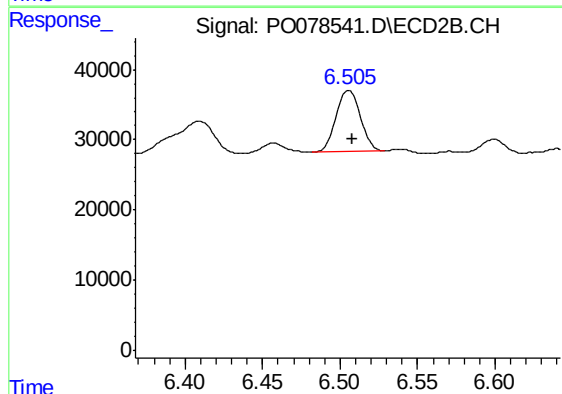




#29 AR-1254-4

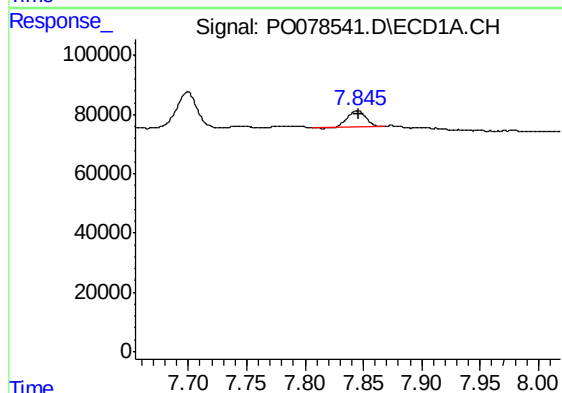
R.T.: 7.422 min  
Delta R.T.: -0.002 min  
Response: 177026  
Conc: 60.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



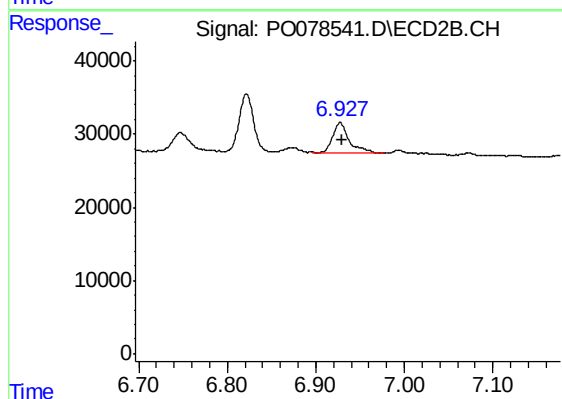
#29 AR-1254-4

R.T.: 6.505 min  
Delta R.T.: -0.003 min  
Response: 91877  
Conc: 62.78 ng/ml



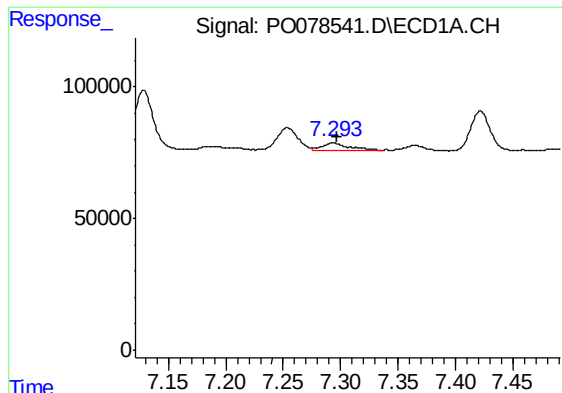
#30 AR-1254-5

R.T.: 7.845 min  
Delta R.T.: -0.001 min  
Response: 57603  
Conc: 17.96 ng/ml



#30 AR-1254-5

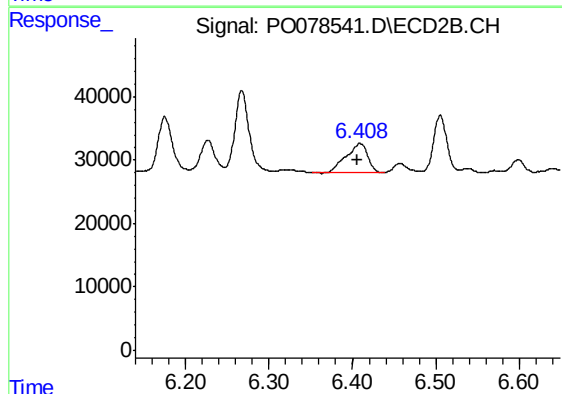
R.T.: 6.928 min  
Delta R.T.: -0.002 min  
Response: 53574  
Conc: 23.50 ng/ml



#31 AR-1260-1

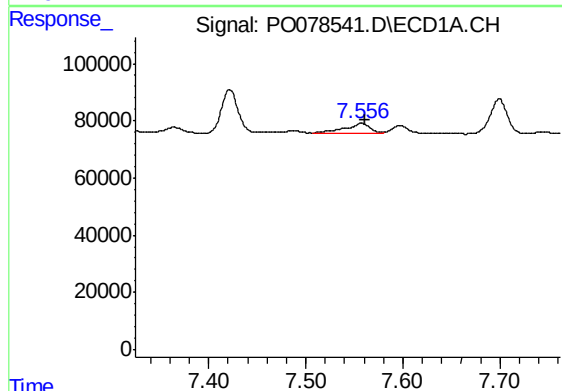
R.T.: 7.293 min  
Delta R.T.: -0.003 min  
Response: 43143  
Conc: 14.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



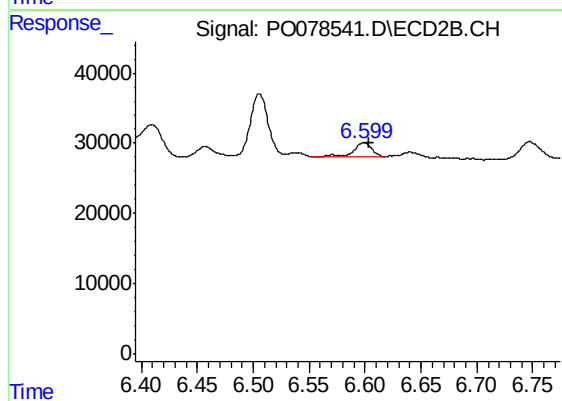
#31 AR-1260-1

R.T.: 6.409 min  
Delta R.T.: 0.003 min  
Response: 82404  
Conc: 51.94 ng/ml



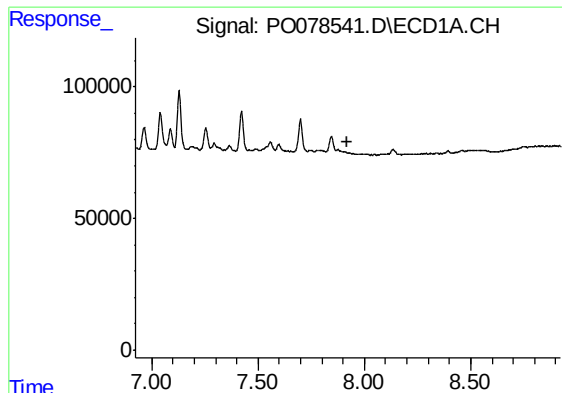
#32 AR-1260-2

R.T.: 7.557 min  
Delta R.T.: -0.004 min  
Response: 64702  
Conc: 19.67 ng/ml



#32 AR-1260-2

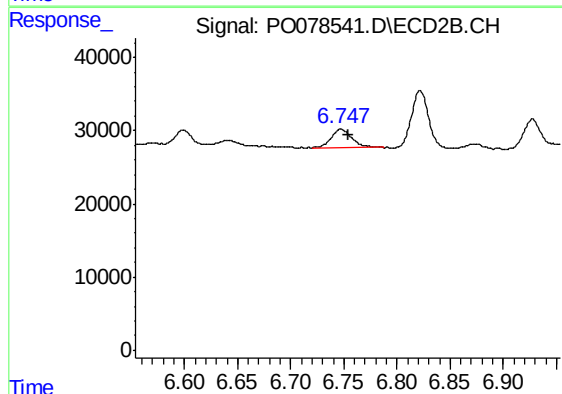
R.T.: 6.599 min  
Delta R.T.: -0.004 min  
Response: 21345  
Conc: 11.46 ng/ml



#33 AR-1260-3

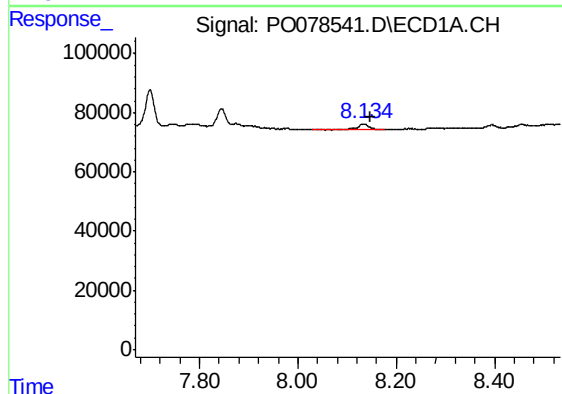
R.T.: 0.000 min  
Exp R.T. : 7.922 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



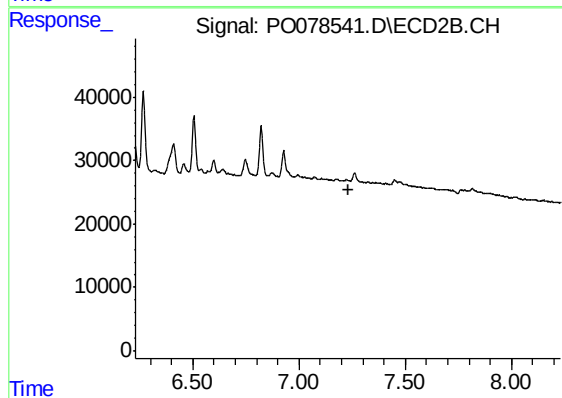
#33 AR-1260-3

R.T.: 6.747 min  
Delta R.T.: -0.007 min  
Response: 33413  
Conc: 18.83 ng/ml



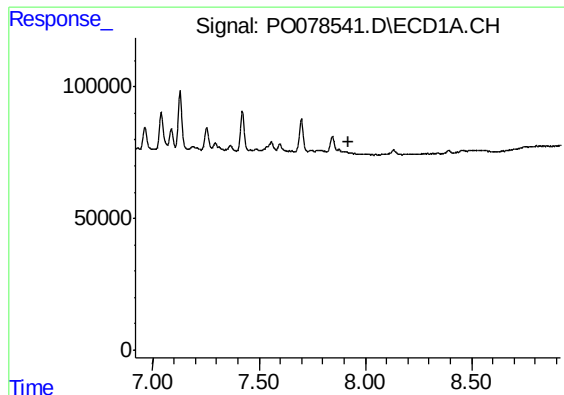
#34 AR-1260-4

R.T.: 8.134 min  
Delta R.T.: -0.014 min  
Response: 34430  
Conc: 13.39 ng/ml



#34 AR-1260-4

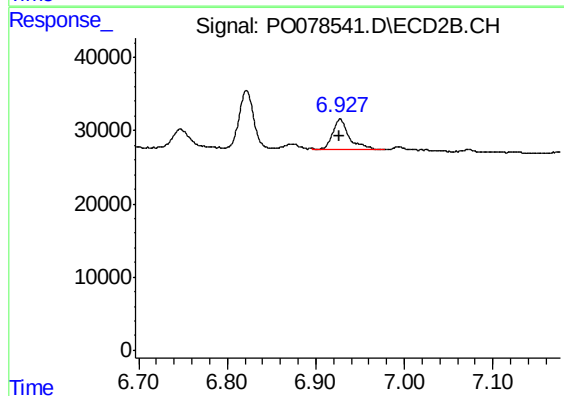
R.T.: 0.000 min  
Exp R.T. : 7.230 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.919 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1242



#36 AR-1262-1

R.T.: 6.928 min  
Delta R.T.: 0.000 min  
Response: 53574  
Conc: 44.85 ng/ml