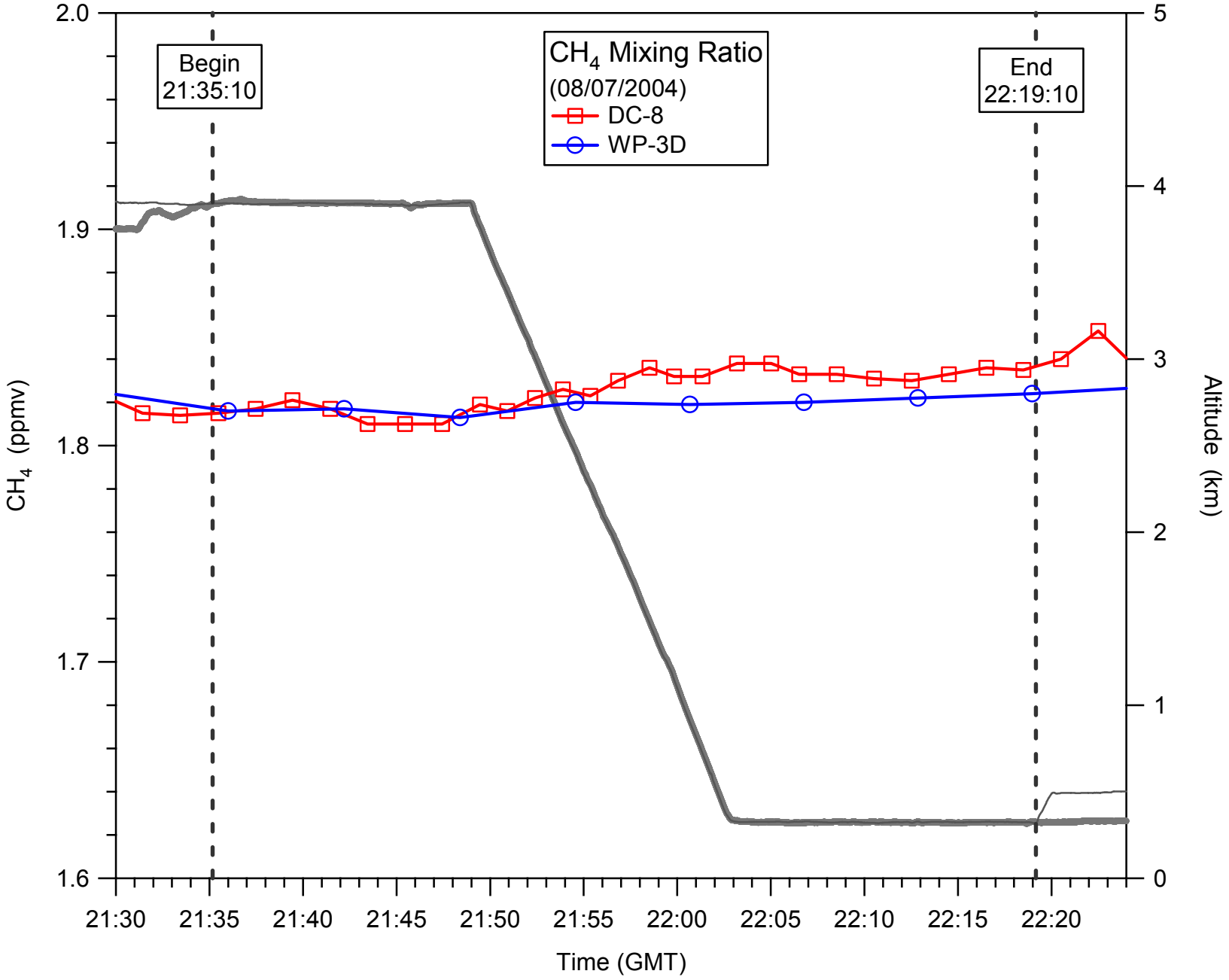
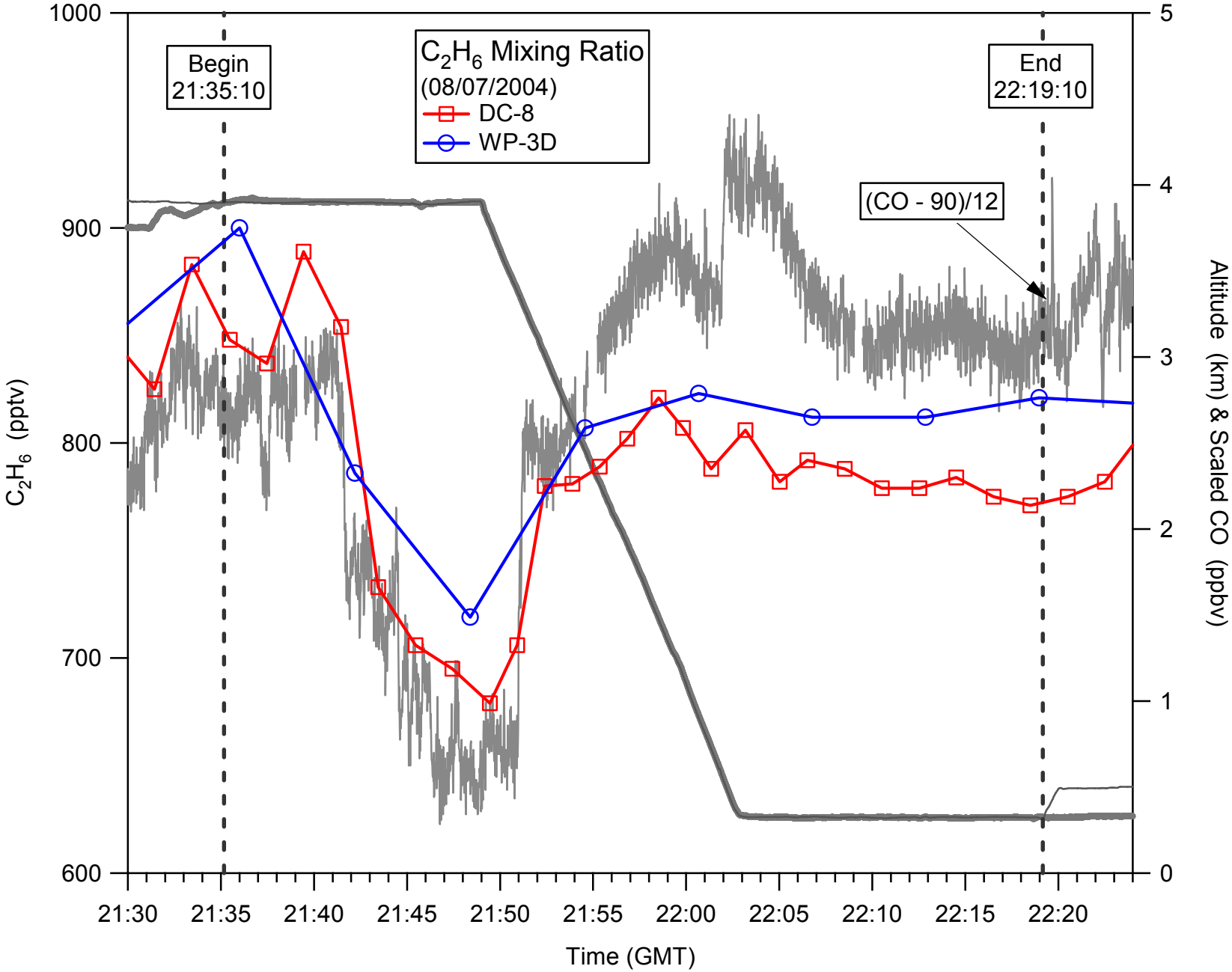
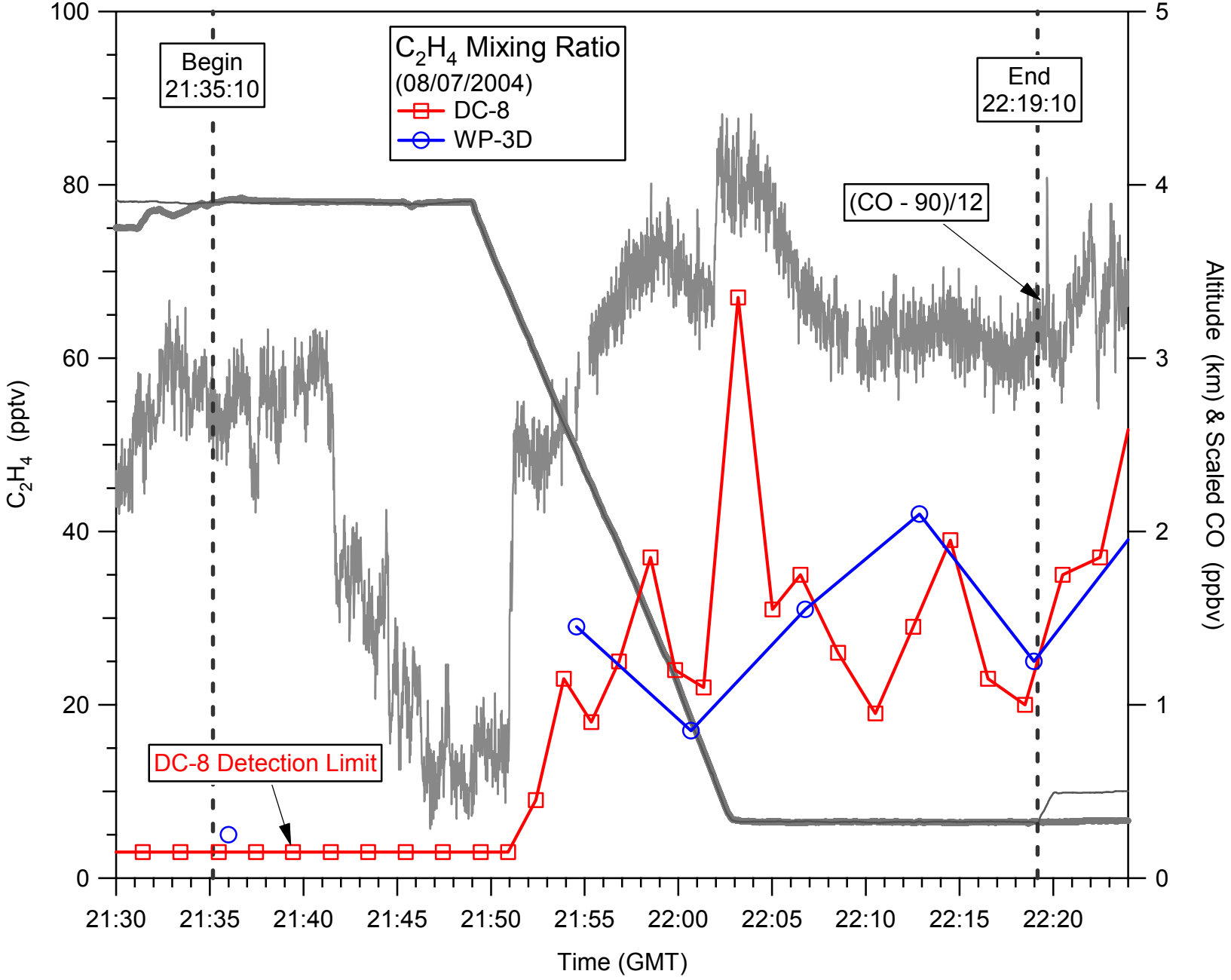
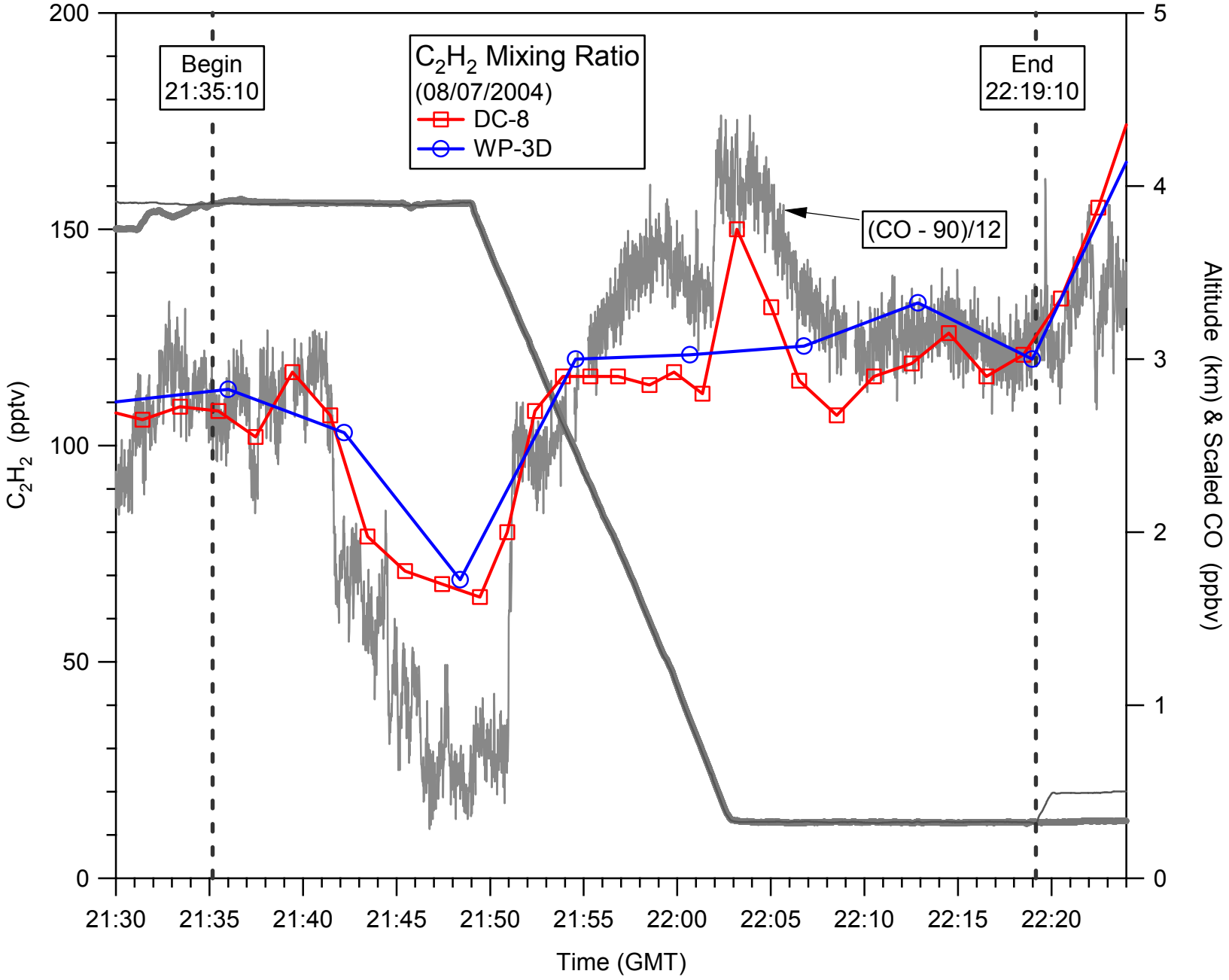
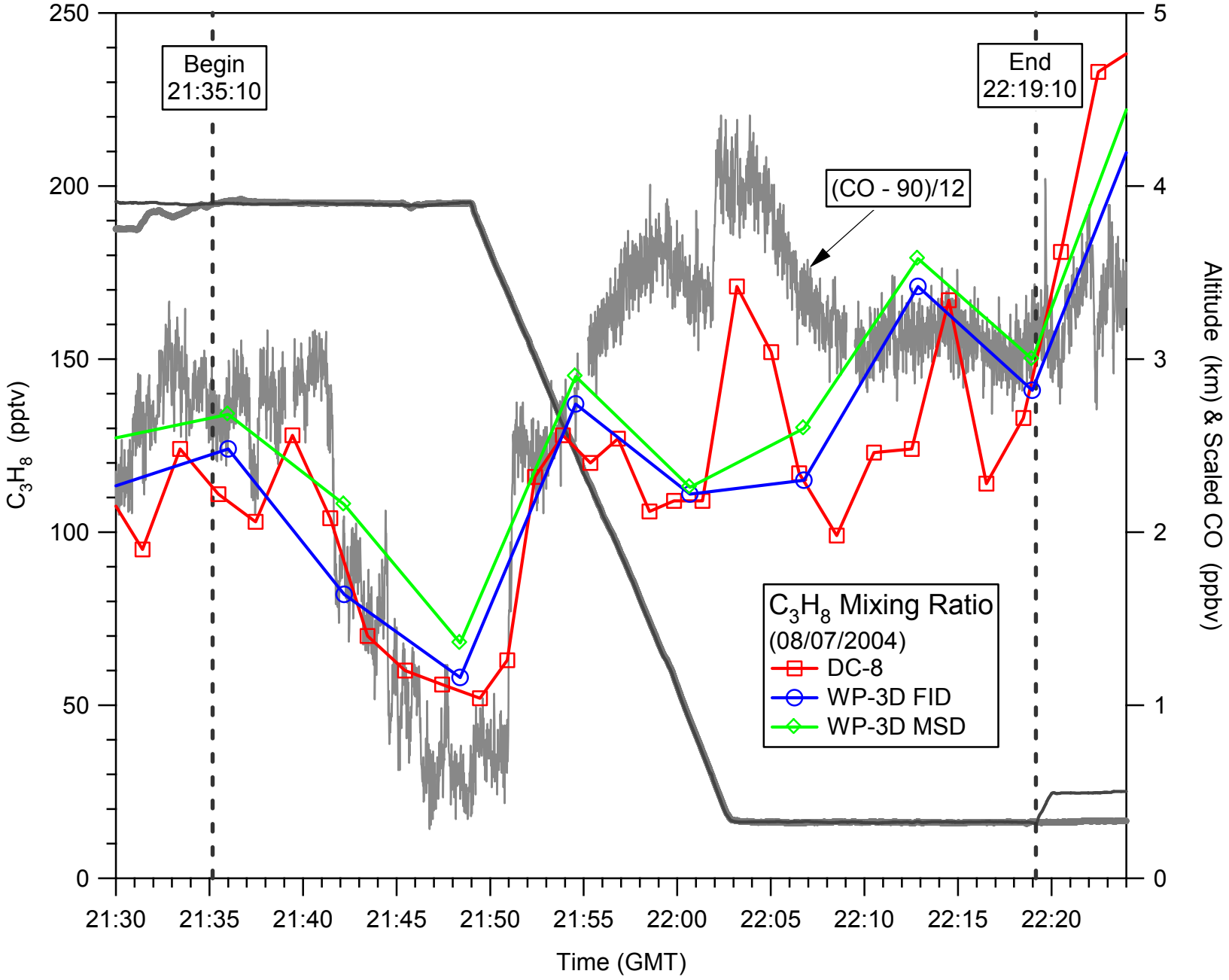
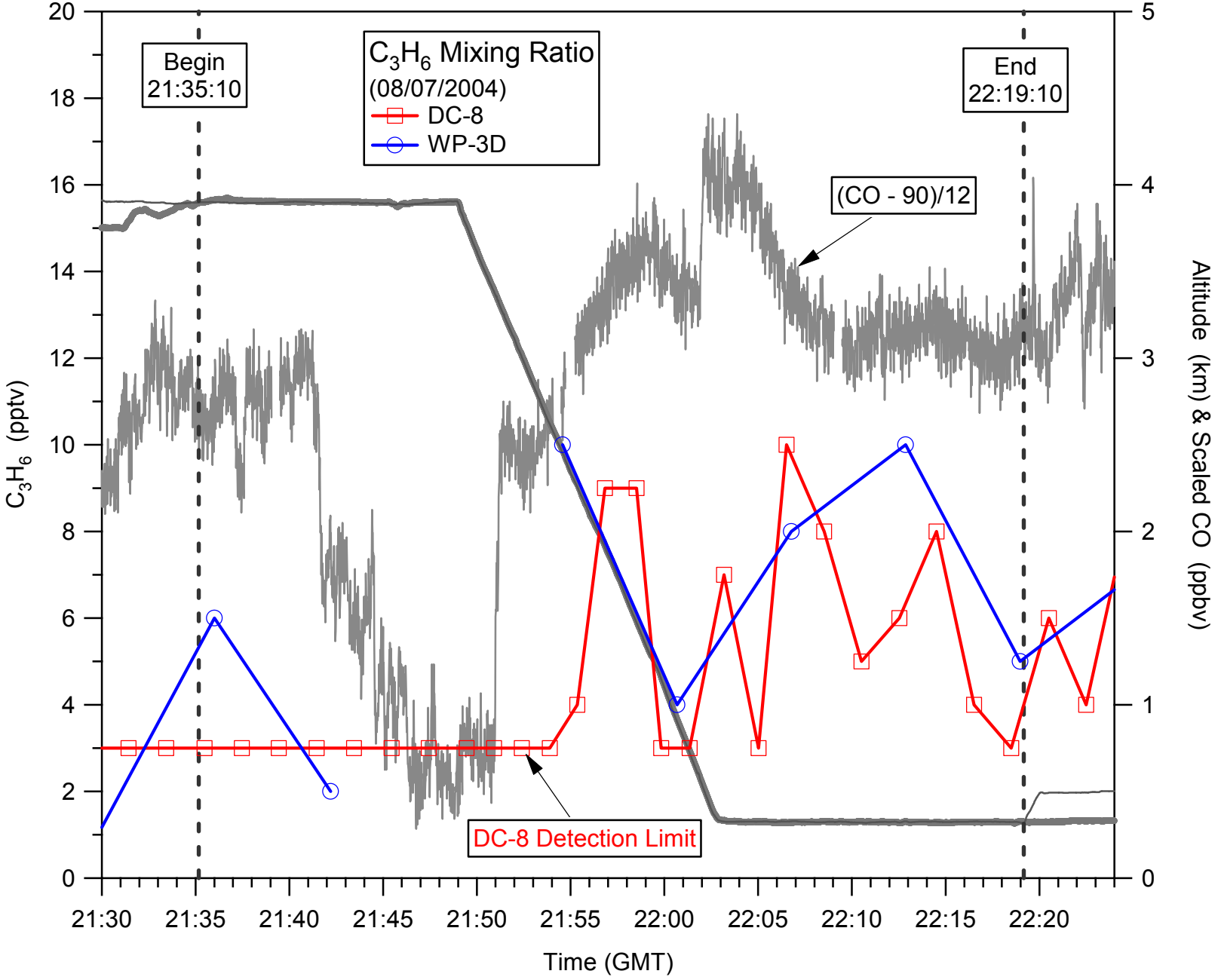

CH4 Mixing Ratio
(08/07/2004)
DC-8
WP-3D
Begin
21:35:10
End
22:19:10
CH4 (ppmv)
Altitude (km)
Time (GMT)
2.0
1.9
1.8
1.7
1.6
5
4
3
2
1
0
21:30
21:35
21:40
21:45
21:50
21:55
22:00
22:05
22:10
22:15
22:20

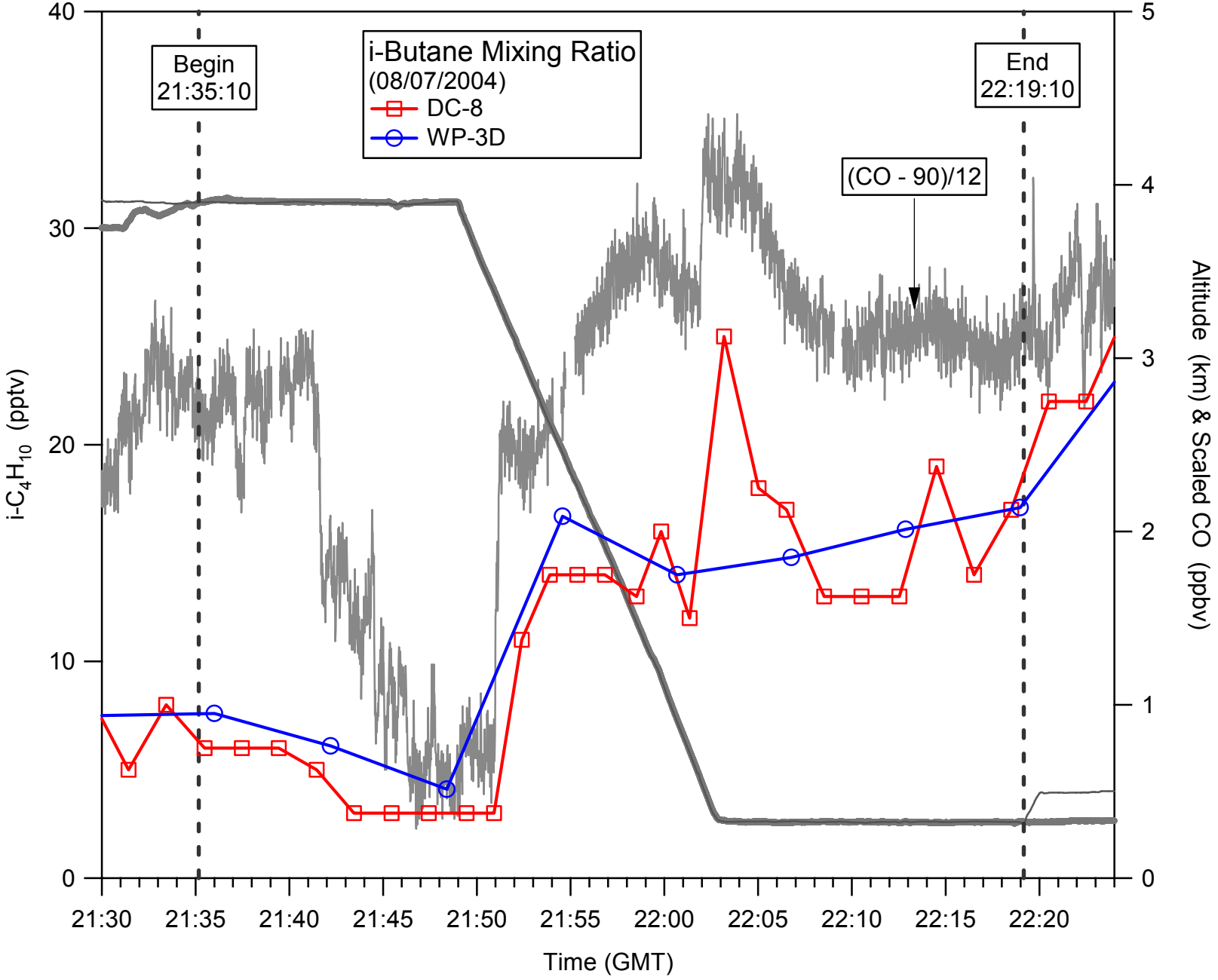

C_2H_6 Mixing Ratio
(08/07/2004)
DC-8
WP-3D
Begin
21:35:10
End
22:19:10
(CO - 90)/12
C_2H_6 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
1000
900
800
700
600
5
4
3
2
1
0
21:30
21:35
21:40
21:45
21:50
21:55
22:00
22:05
22:10
22:15
22:20

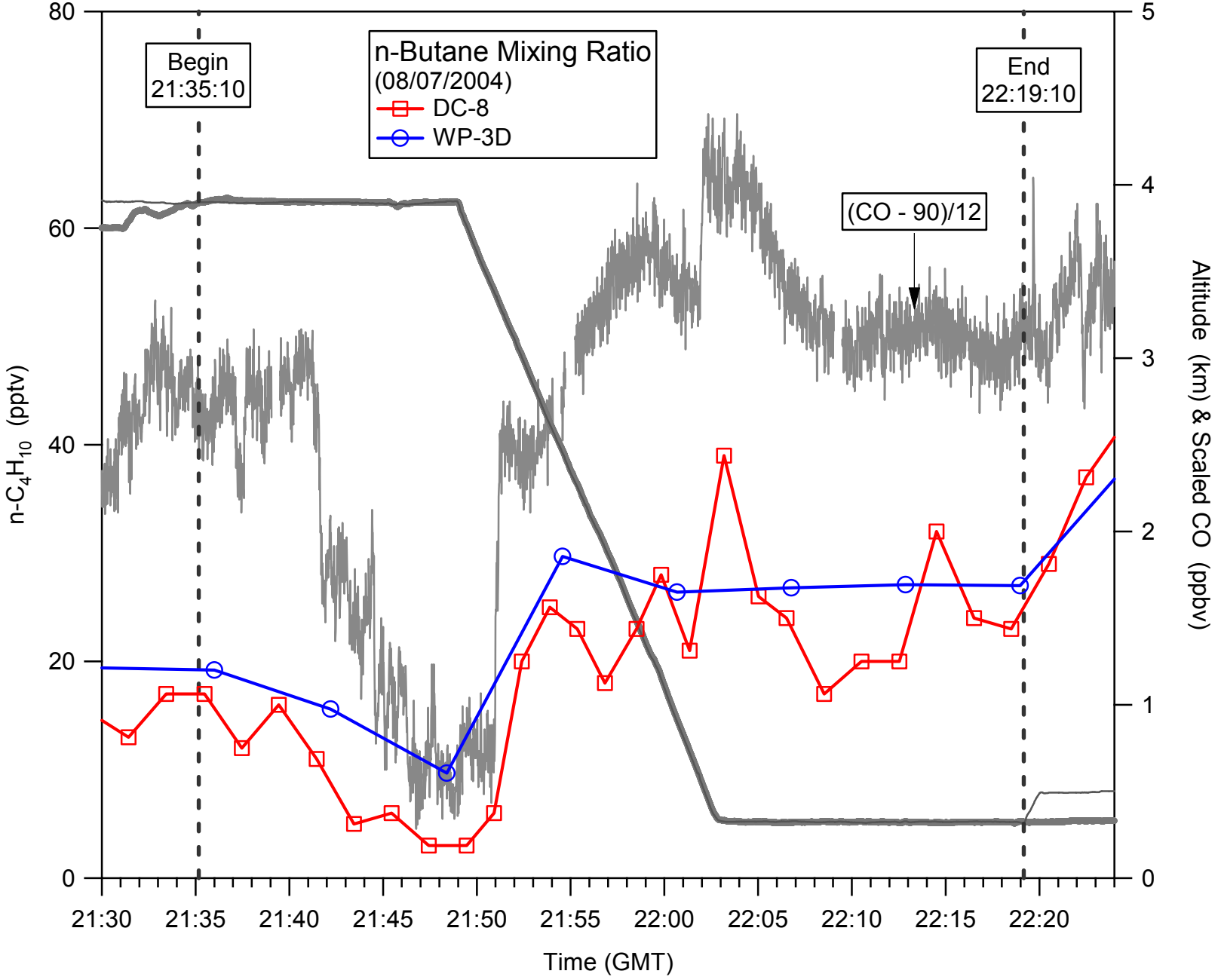

C_2H_4 Mixing Ratio
(08/07/2004)
DC-8
WP-3D
Begin
21:35:10
End
22:19:10
(CO - 90)/12
DC-8 Detection Limit
C_2H_4 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
100
80
60
40
20
0
5
4
3
2
1
0
21:30
21:35
21:40
21:45
21:50
21:55
22:00
22:05
22:10
22:15
22:20

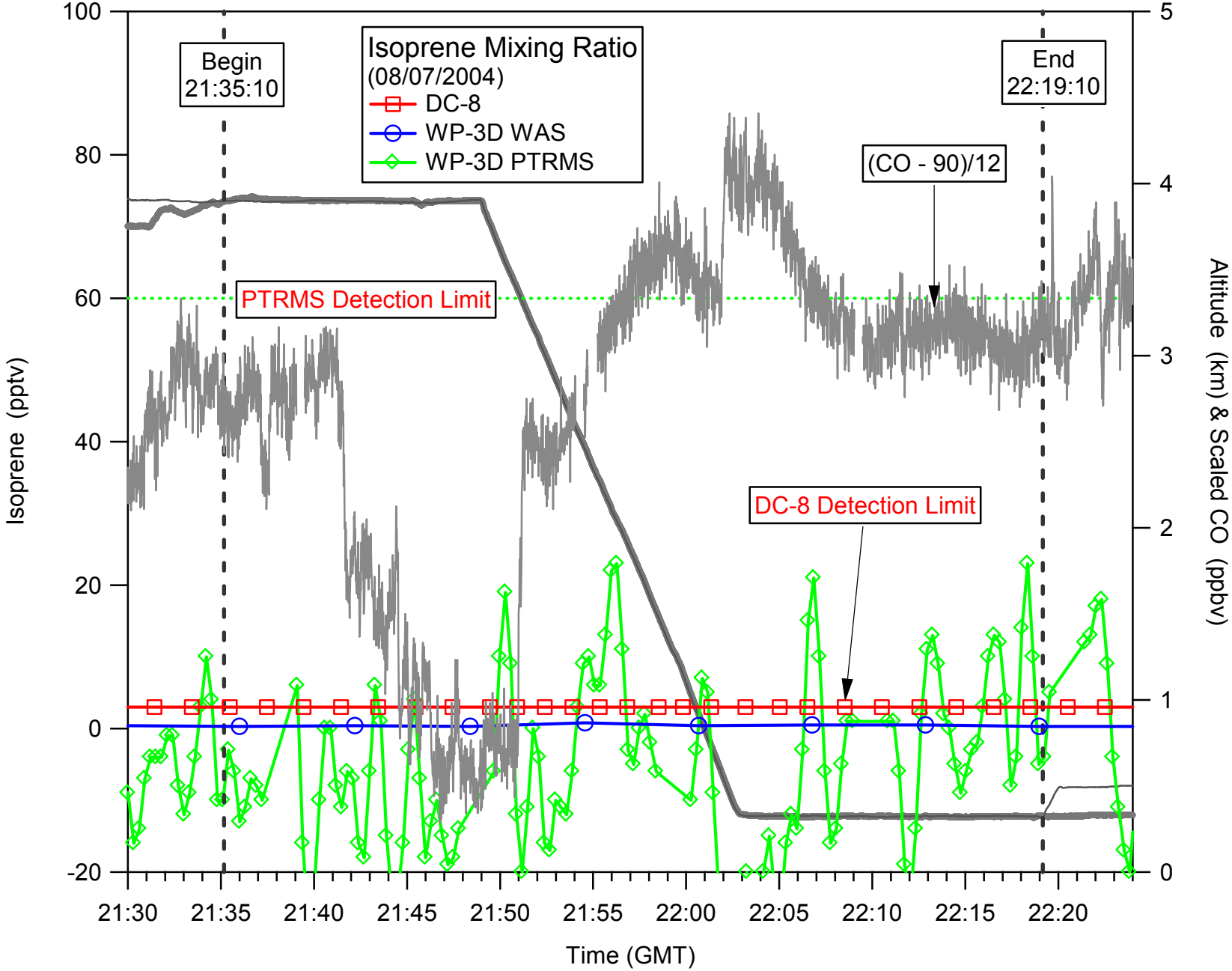

C_2H_2 Mixing Ratio
(08/07/2004)
DC-8
WP-3D
Begin
21:35:10
End
22:19:10
(CO - 90)/12
C_2H_2 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
200
150
100
50
0
5
4
3
2
1
0
21:30
21:35
21:40
21:45
21:50
21:55
22:00
22:05
22:10
22:15
22:20

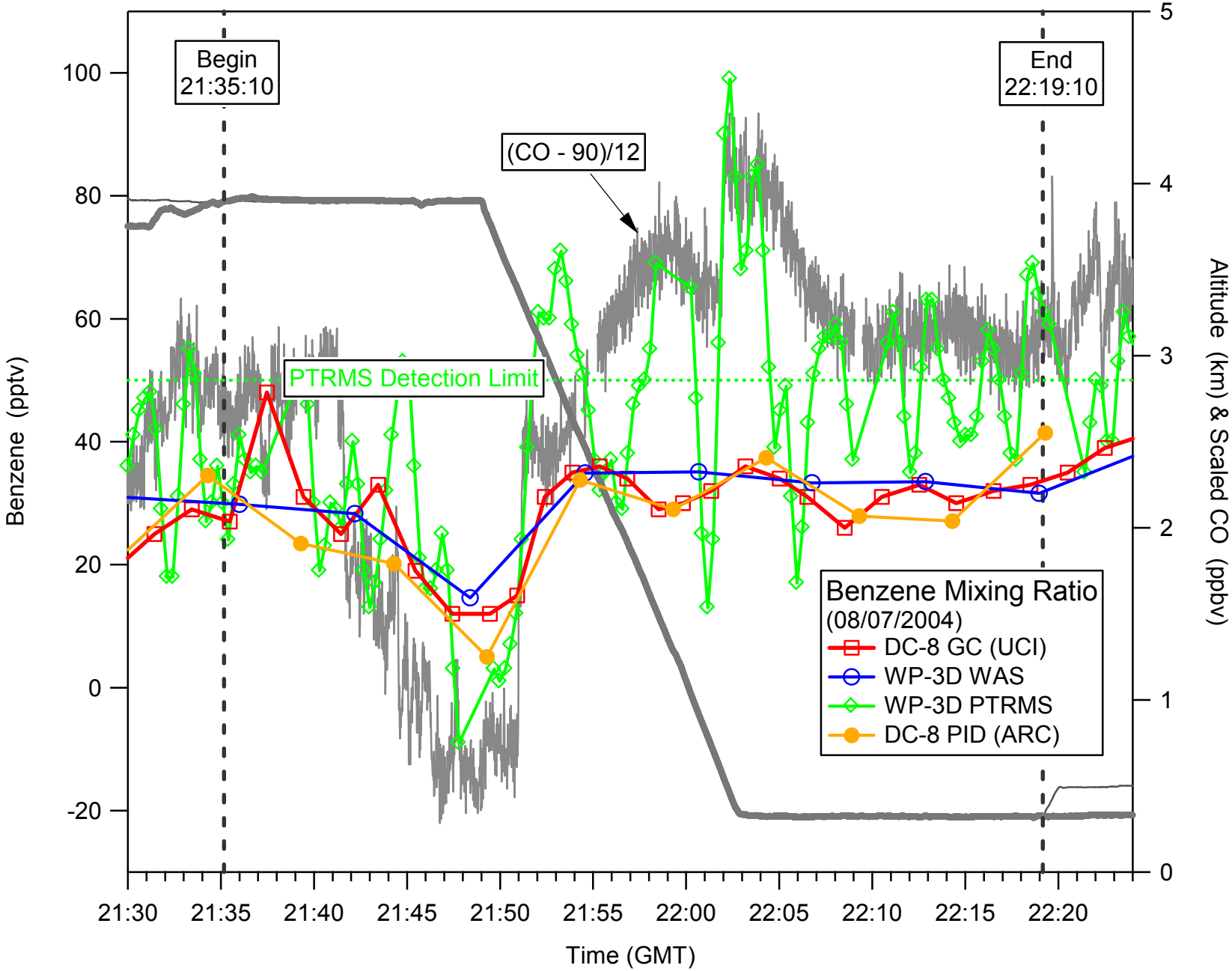

Begin
21:35:10
End
22:19:10
(CO - 90)/12
C_3H_8 Mixing Ratio
(08/07/2004)
DC-8
WP-3D FID
WP-3D MSD
C_3H_8 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
250
200
150
100
50
0
5
4
3
2
1
0
21:30
21:35
21:40
21:45
21:50
21:55
22:00
22:05
22:10
22:15
22:20

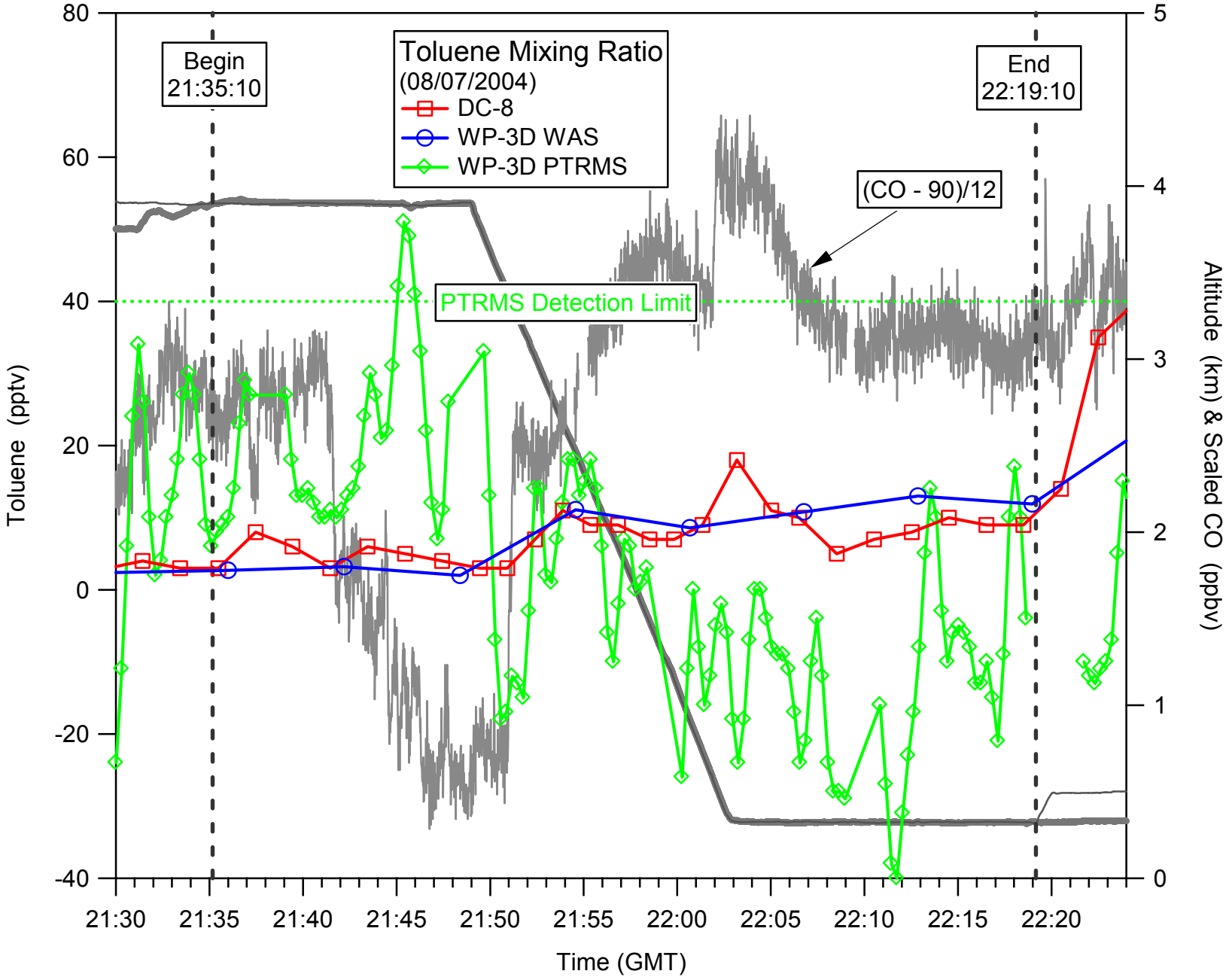

C_3H_6 Mixing Ratio
(08/07/2004)
DC-8
WP-3D
Begin
21:35:10
End
22:19:10
(CO - 90)/12
DC-8 Detection Limit
C_3H_6 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
0
2
4
6
8
10
12
14
16
18
20
0
1
2
3
4
5
21:30
21:35
21:40
21:45
21:50
21:55
22:00
22:05
22:10
22:15
22:20


i-Butane Mixing Ratio
(08/07/2004)
DC-8
WP-3D
Begin
21:35:10
End
22:19:10
(CO - 90)/12
i-C4H10 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
0
10
20
30
40
0
1
2
3
4
5
21:30
21:35
21:40
21:45
21:50
21:55
22:00
22:05
22:10
22:15
22:20


n-Butane Mixing Ratio
(08/07/2004)
DC-8
WP-3D
Begin
21:35:10
End
22:19:10
(CO - 90)/12
n-C4H10 (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
80
60
40
20
0
5
4
3
2
1
0
21:30
21:35
21:40
21:45
21:50
21:55
22:00
22:05
22:10
22:15
22:20


Isoprene Mixing Ratio
(08/07/2004)
DC-8
WP-3D WAS
WP-3D PTRMS
Begin
21:35:10
End
22:19:10
(CO - 90)/12
PTRMS Detection Limit
DC-8 Detection Limit
Isoprene (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
100
80
60
40
20
0
-20
5
4
3
2
1
0
21:30
21:35
21:40
21:45
21:50
21:55
22:00
22:05
22:10
22:15
22:20


Begin
21:35:10
End
22:19:10
(CO - 90)/12
PTRMS Detection Limit
Benzene Mixing Ratio
(08/07/2004)
DC-8 GC (UCI)
WP-3D WAS
WP-3D PTRMS
DC-8 PID (ARC)
Benzene (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
100
80
60
40
20
0
-20
5
4
3
2
1
0
21:30
21:35
21:40
21:45
21:50
21:55
22:00
22:05
22:10
22:15
22:20


Toluene Mixing Ratio
(08/07/2004)
DC-8
WP-3D WAS
WP-3D PTRMS
Begin
21:35:10
End
22:19:10
(CO - 90)/12
PTRMS Detection Limit
Toluene (pptv)
Altitude (km) & Scaled CO (ppbv)
Time (GMT)
80
60
40
20
0
-20
-40
5
4
3
2
1
0
21:30
21:35
21:40
21:45
21:50
21:55
22:00
22:05
22:10
22:15
22:20