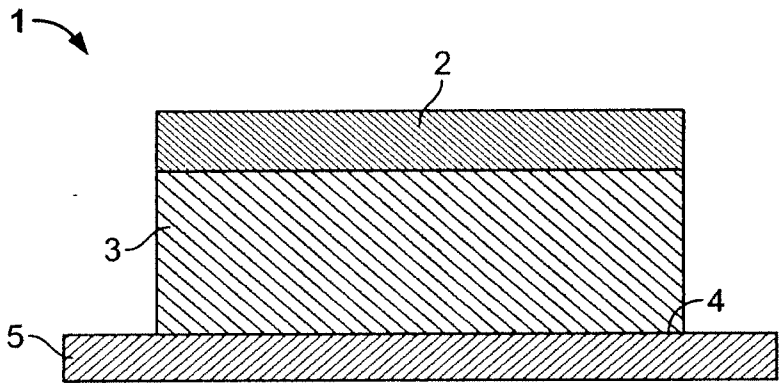


FIG. 1

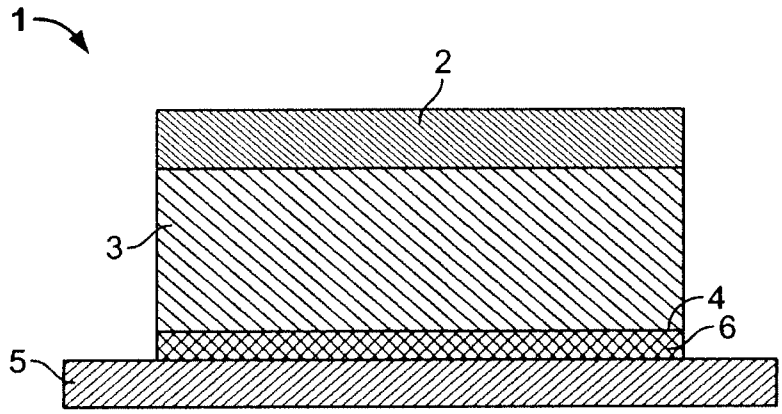


FIG. 2

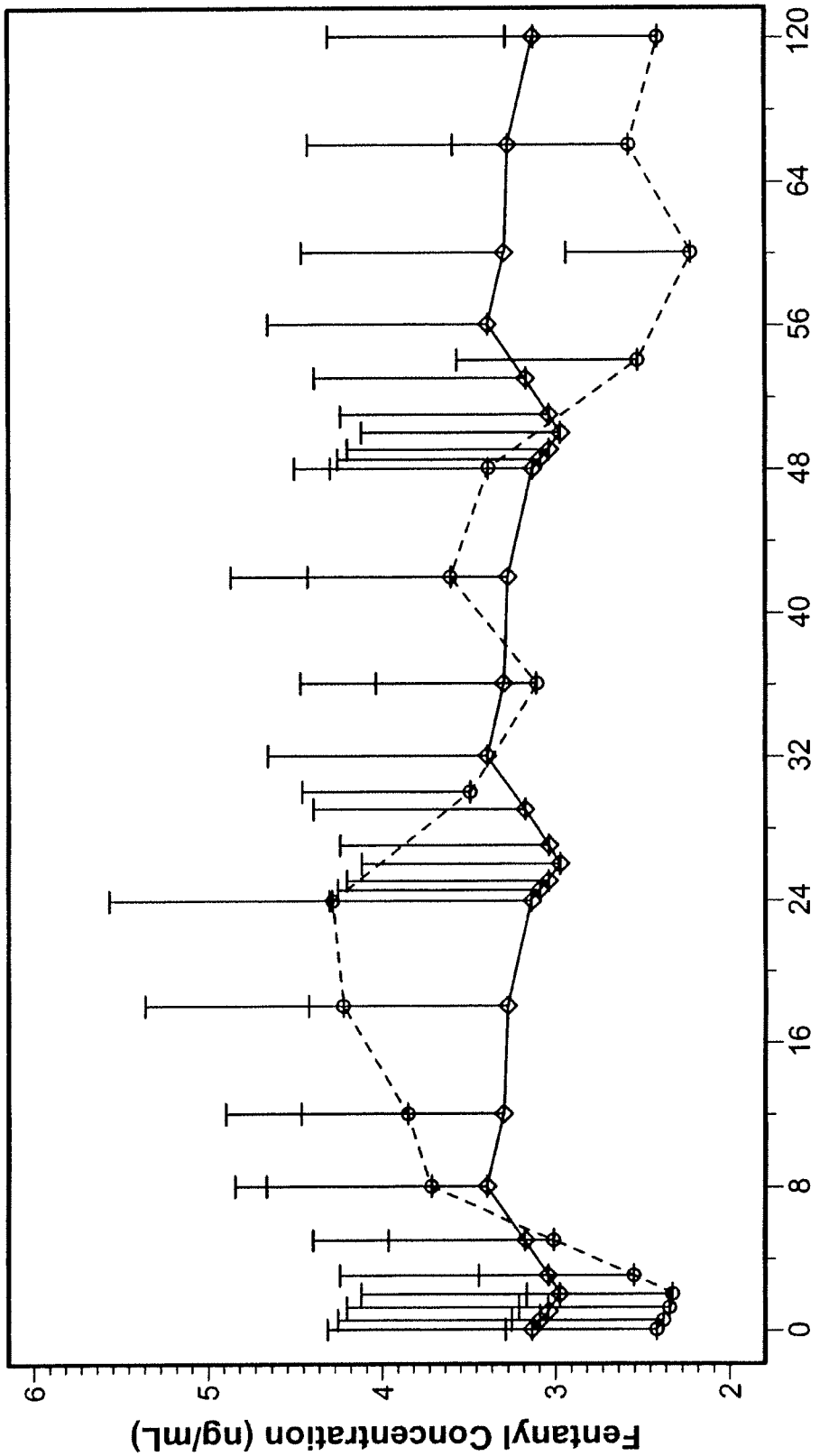

Fentanyl Concentration (ng/mL)
2
3
4
5
6
Time (h)
0
8
16
24
32
40
48
56
64
120

FIG. 3

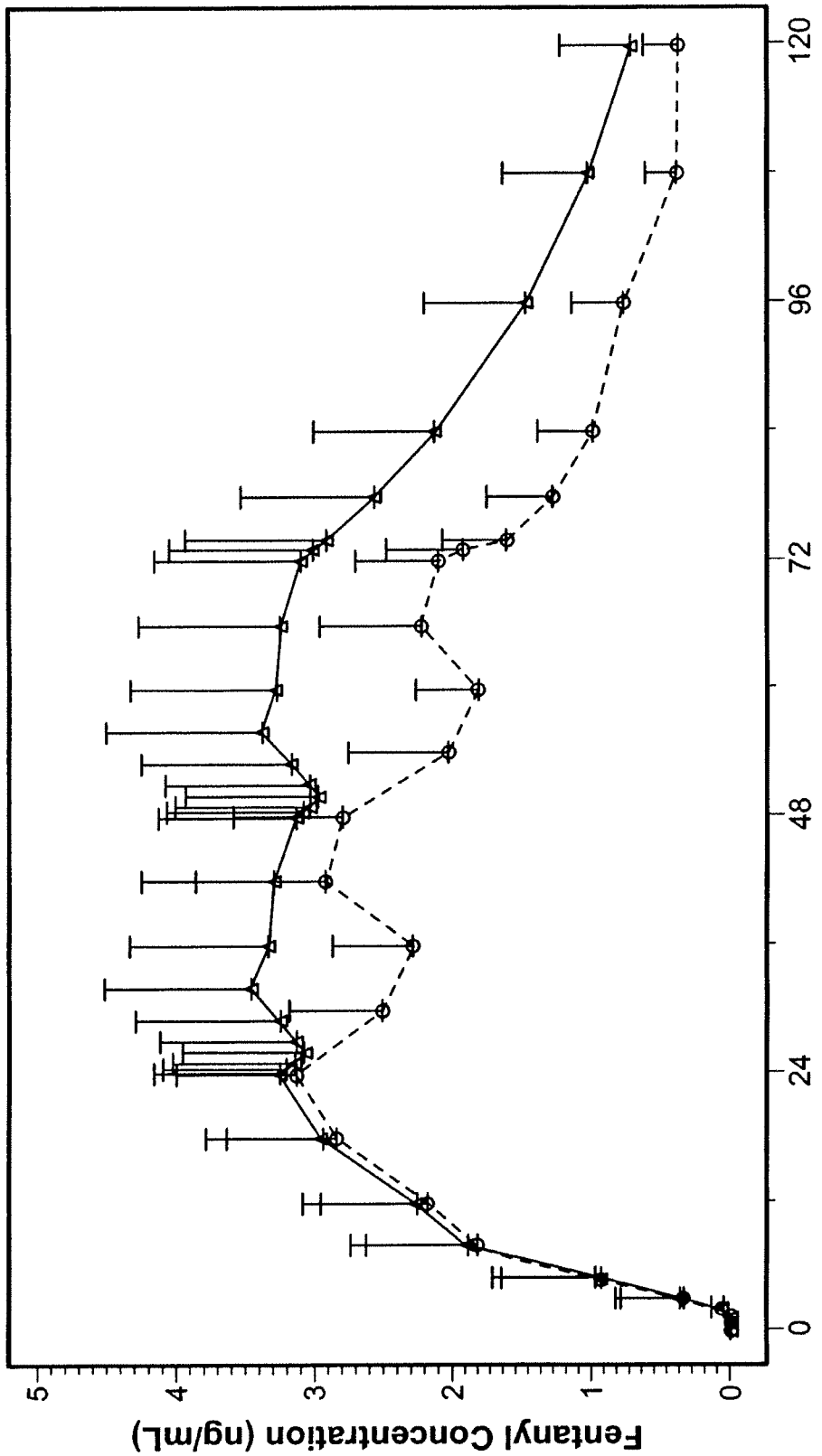


FIG. 4

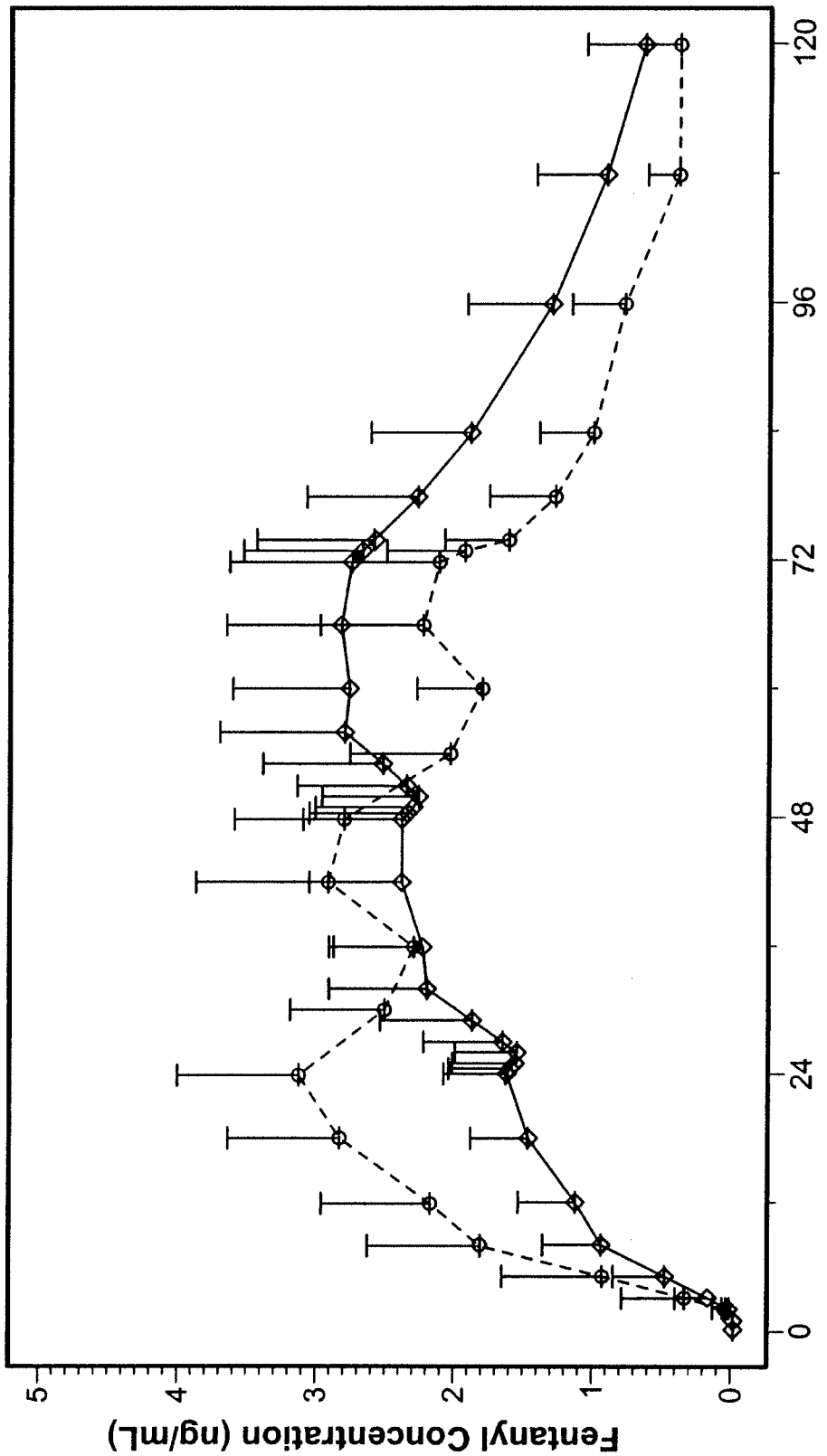


FIG. 5

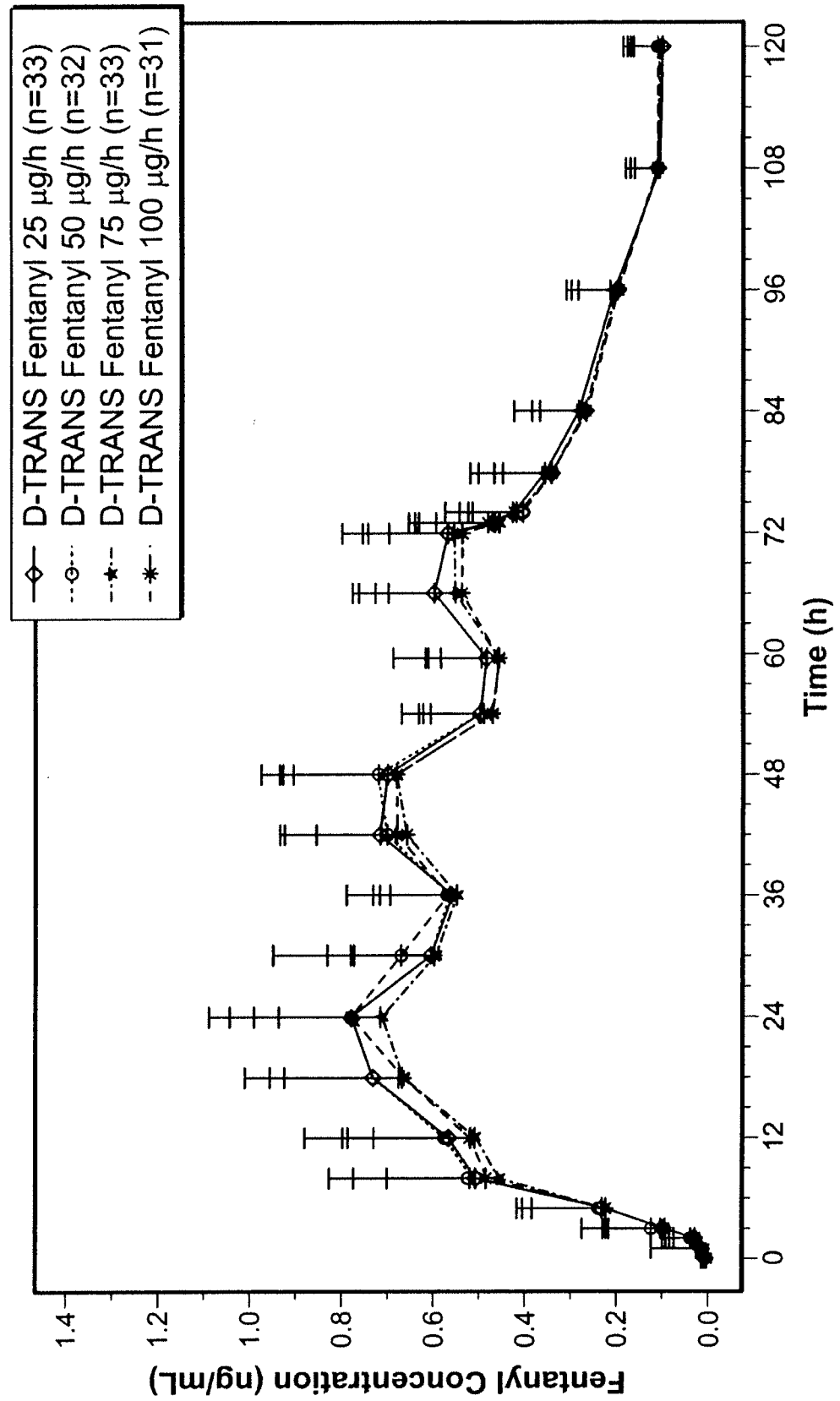

D-TRANS Fentanyl 25 µg/h (n=33)
D-TRANS Fentanyl 50 µg/h (n=32)
D-TRANS Fentanyl 75 µg/h (n=33)
D-TRANS Fentanyl 100 µg/h (n=31)
Fentanyl Concentration (ng/mL)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
Time (h)
0
12
24
36
48
60
72
84
96
108
120

FIG. 6

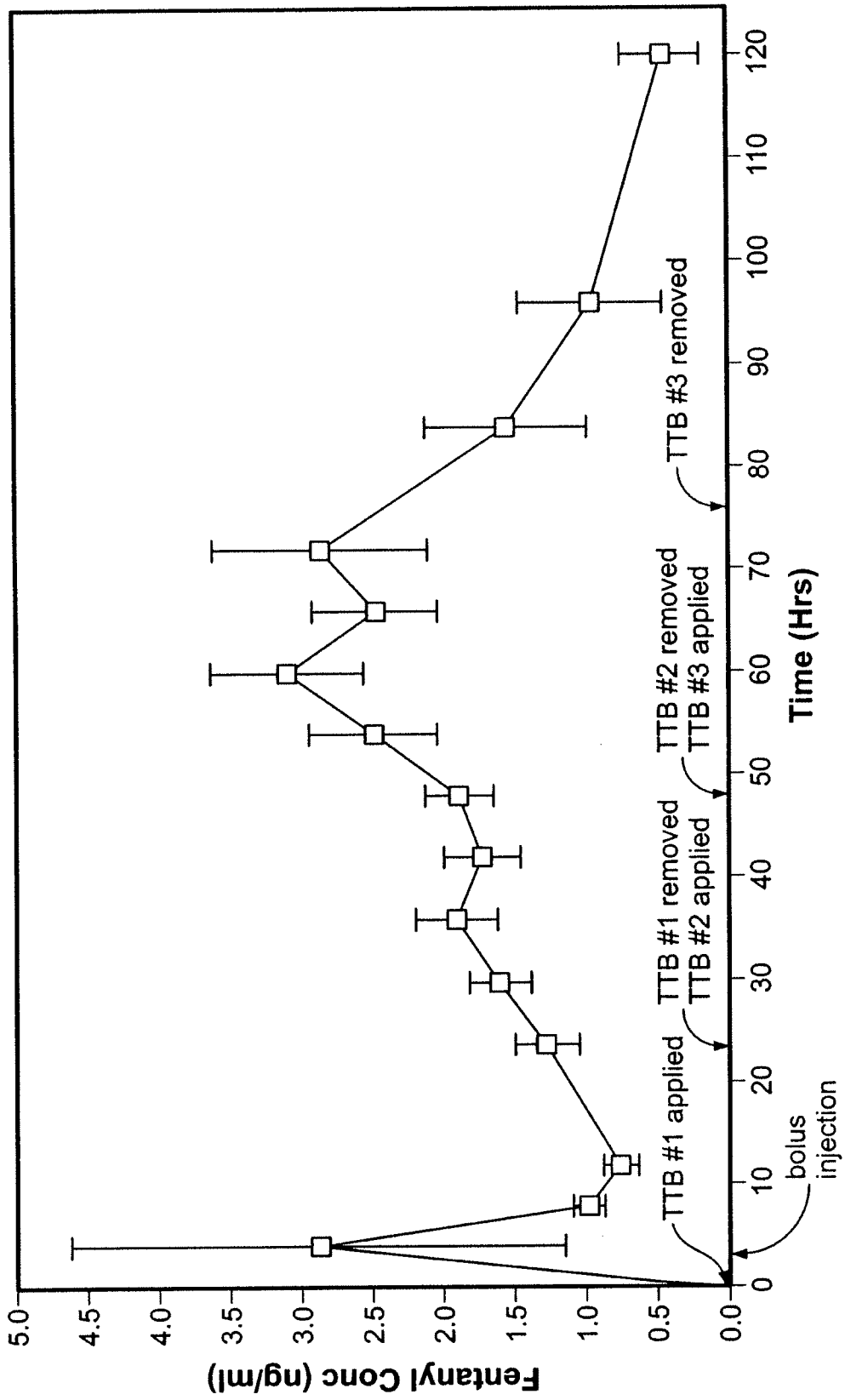

Fentanyl Conc (ng/ml)
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
10
20
30
40
50
60
70
80
90
100
110
120
Time (Hrs)
bolus injection
TTB #1 applied
TTB #1 removed
TTB #2 applied
TTB #2 removed
TTB #3 applied
TTB #3 removed

FIG. 7

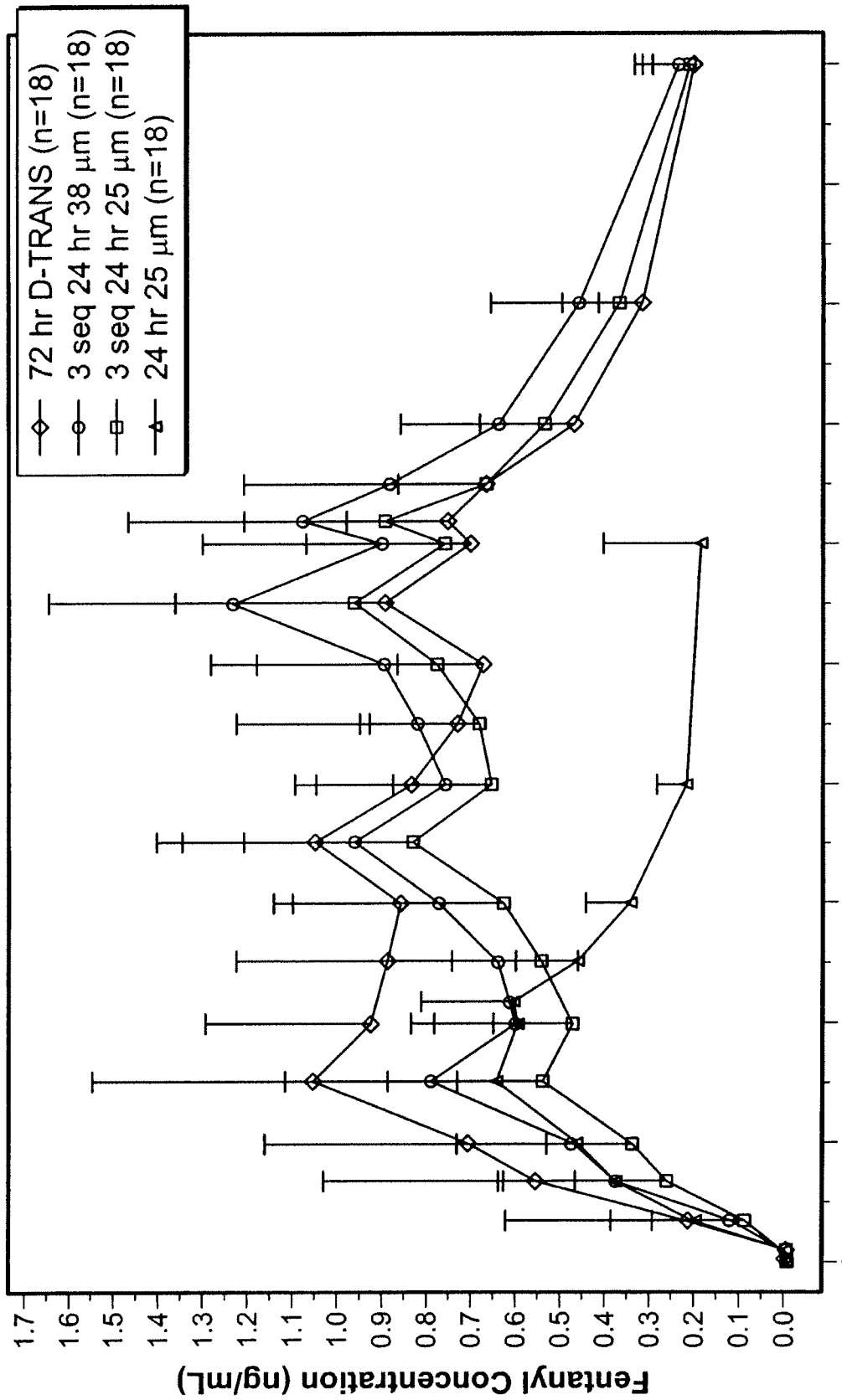

72 hr D-TRANS (n=18)
3 seq 24 hr 38 µm (n=18)
3 seq 24 hr 25 µm (n=18)
24 hr 25 µm (n=18)
Fentanyl Concentration (ng/mL)
Time (h)
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
0
12
24
36
48
60
72
84
96
108
120

FIG. 8

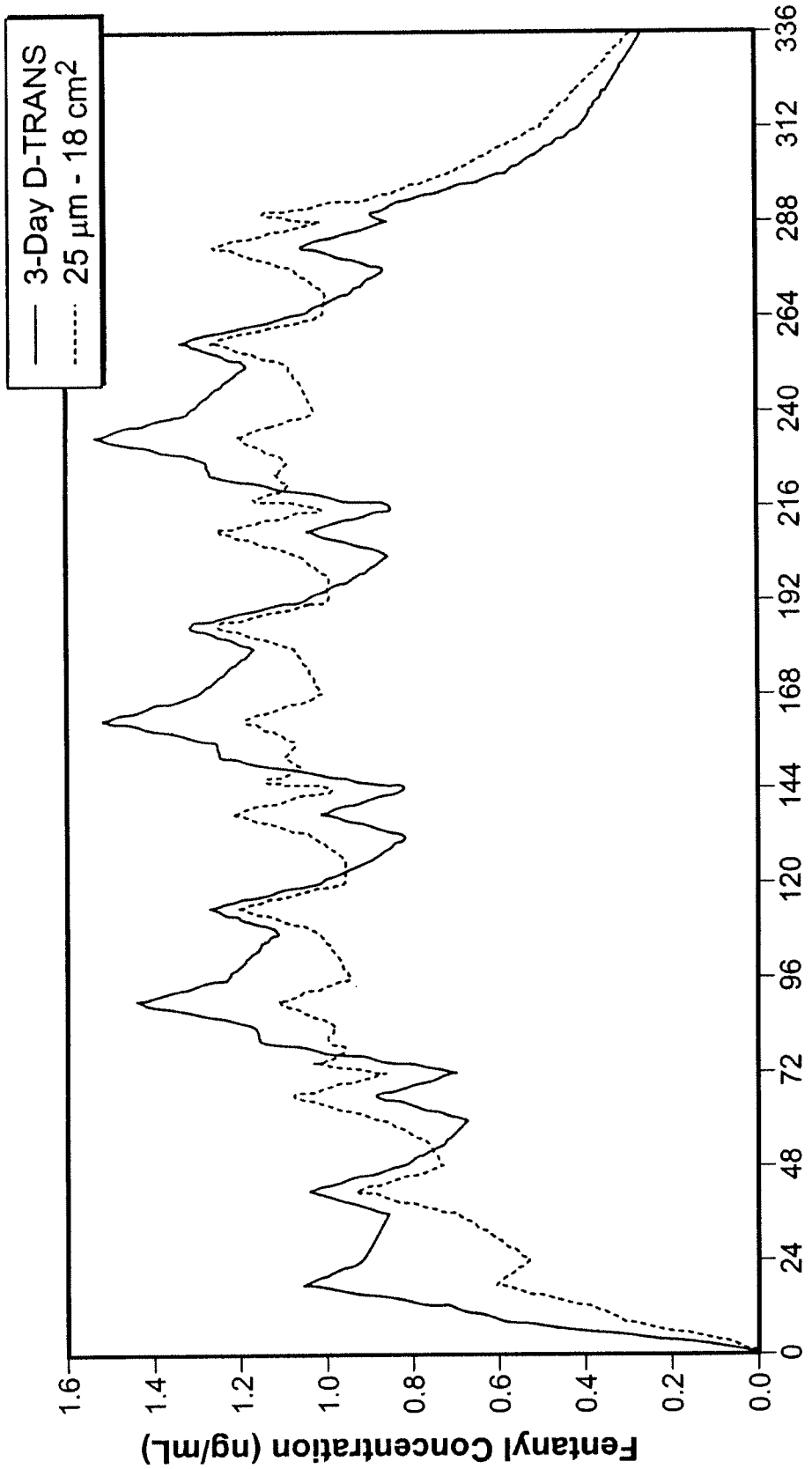

3-Day D-TRANS
25 µm - 18 cm2
Fentanyl Concentration (ng/mL)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
Time (hr)
0
24
48
72
96
120
144
168
192
216
240
264
288
312
336

FIG. 9

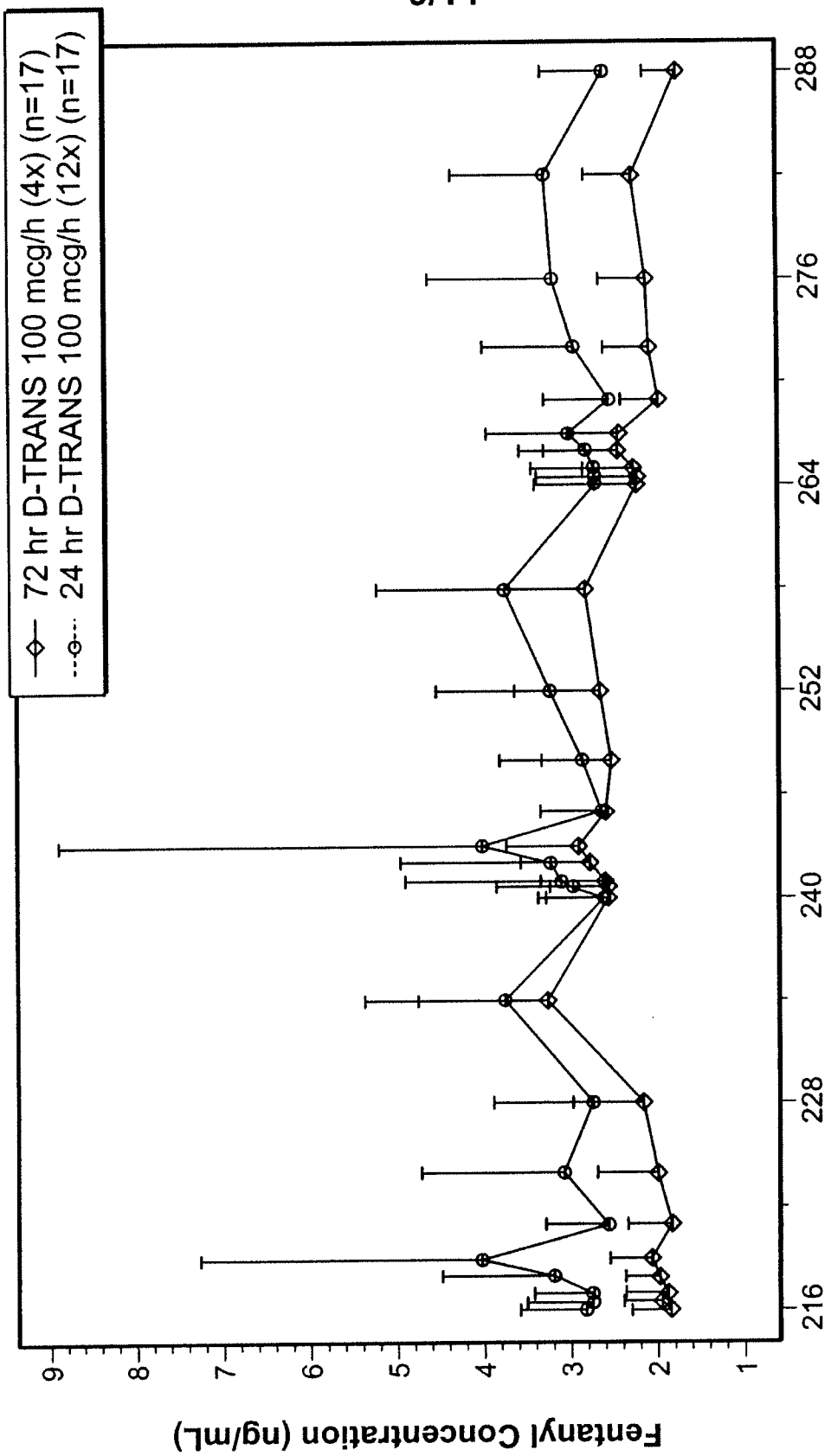

72 hr D-TRANS 100 mcg/h (4x) (n=17)
24 hr D-TRANS 100 mcg/h (12x) (n=17)
Fentanyl Concentration (ng/mL)
Time (h)
1
2
3
4
5
6
7
8
9
216
228
240
252
264
276
288

FIG. 10

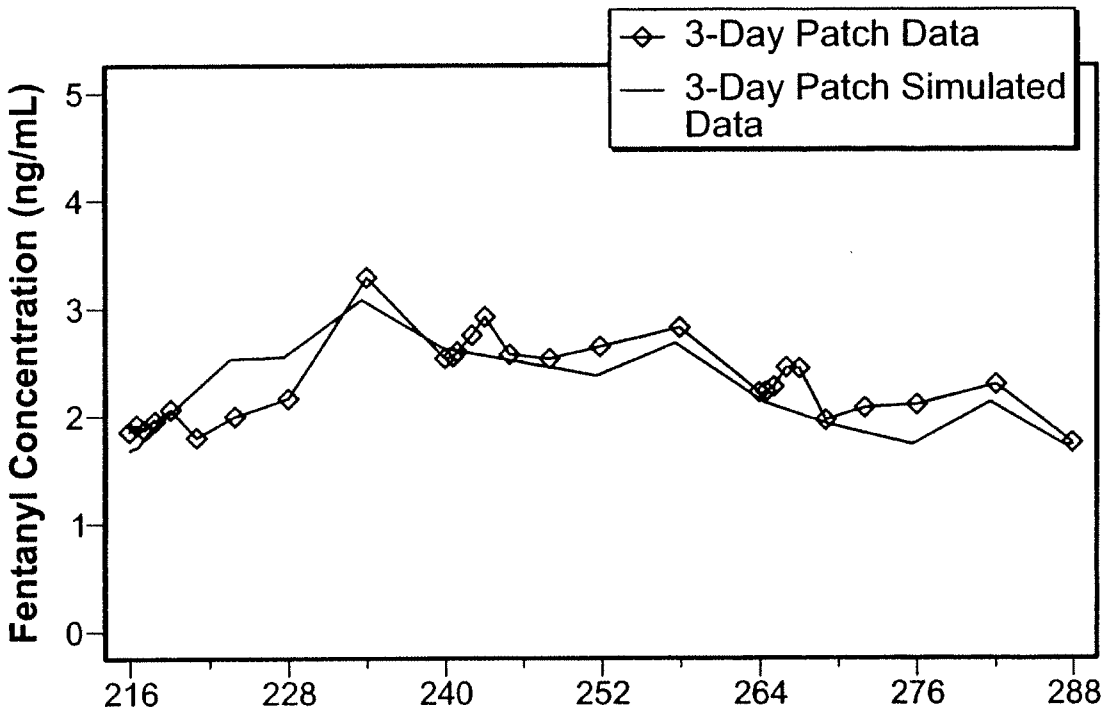

3-Day Patch Data
3-Day Patch Simulated Data
Fentanyl Concentration (ng/mL)
0
1
2
3
4
5
216
228
240
252
264
276
288
Time (h)

FIG. 11

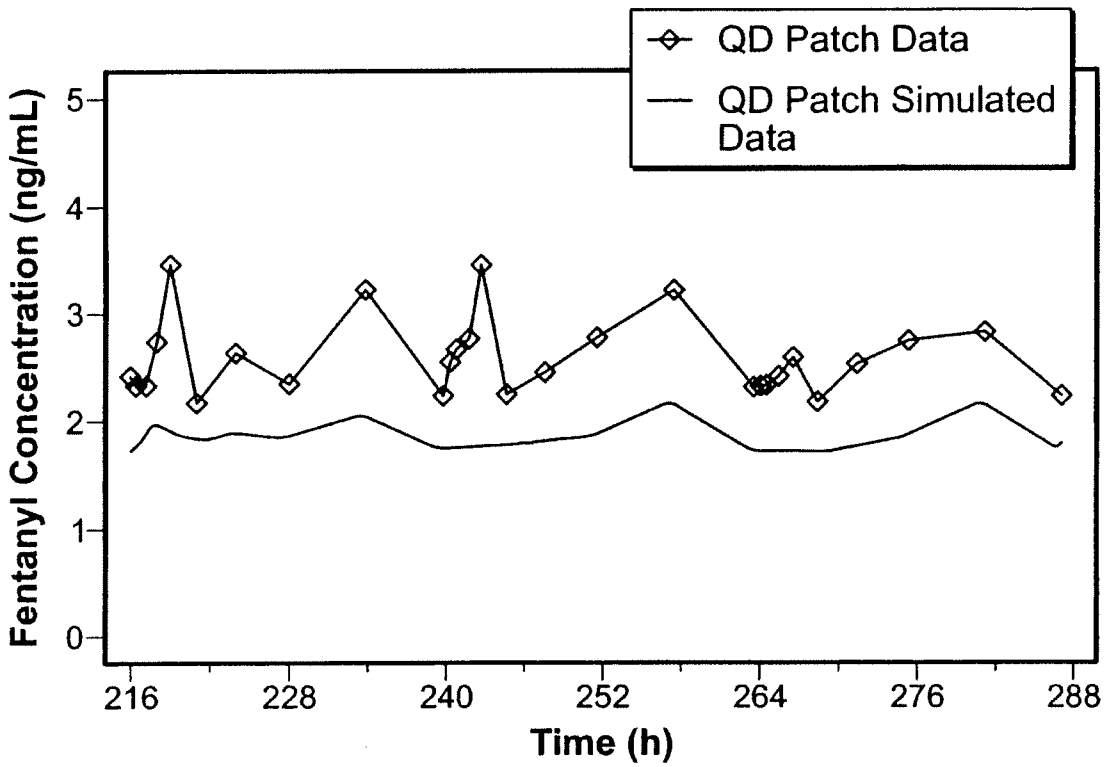

QD Patch Data
QD Patch Simulated Data
Fentanyl Concentration (ng/mL)
0
1
2
3
4
5
216
228
240
252
264
276
288
Time (h)

FIG. 12

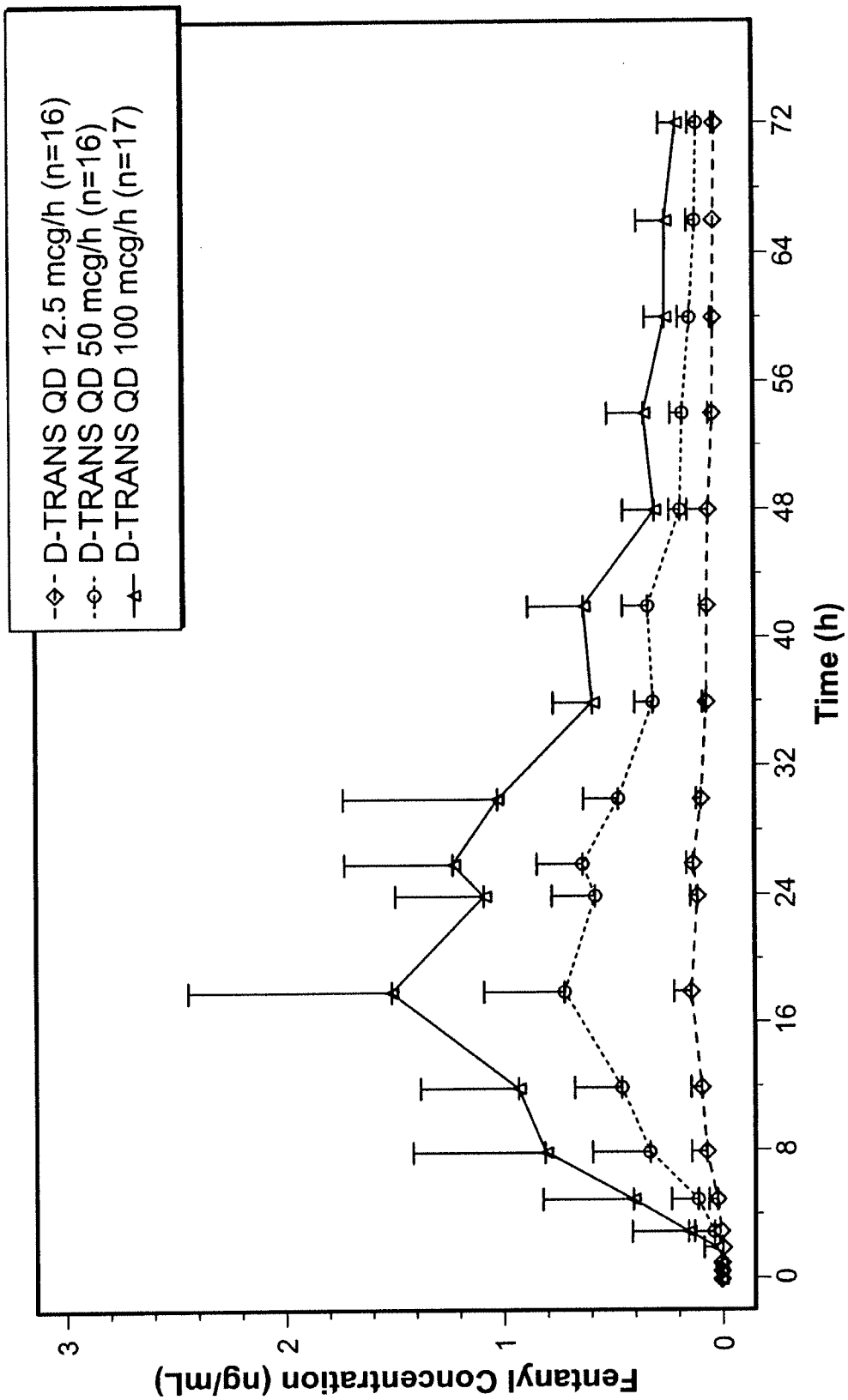

D-TRANS QD 12.5 mcg/h (n=16)
D-TRANS QD 50 mcg/h (n=16)
D-TRANS QD 100 mcg/h (n=17)
Fentanyl Concentration (ng/mL)
0
1
2
3
Time (h)
0
8
16
24
32
40
48
56
64
72

FIG. 13

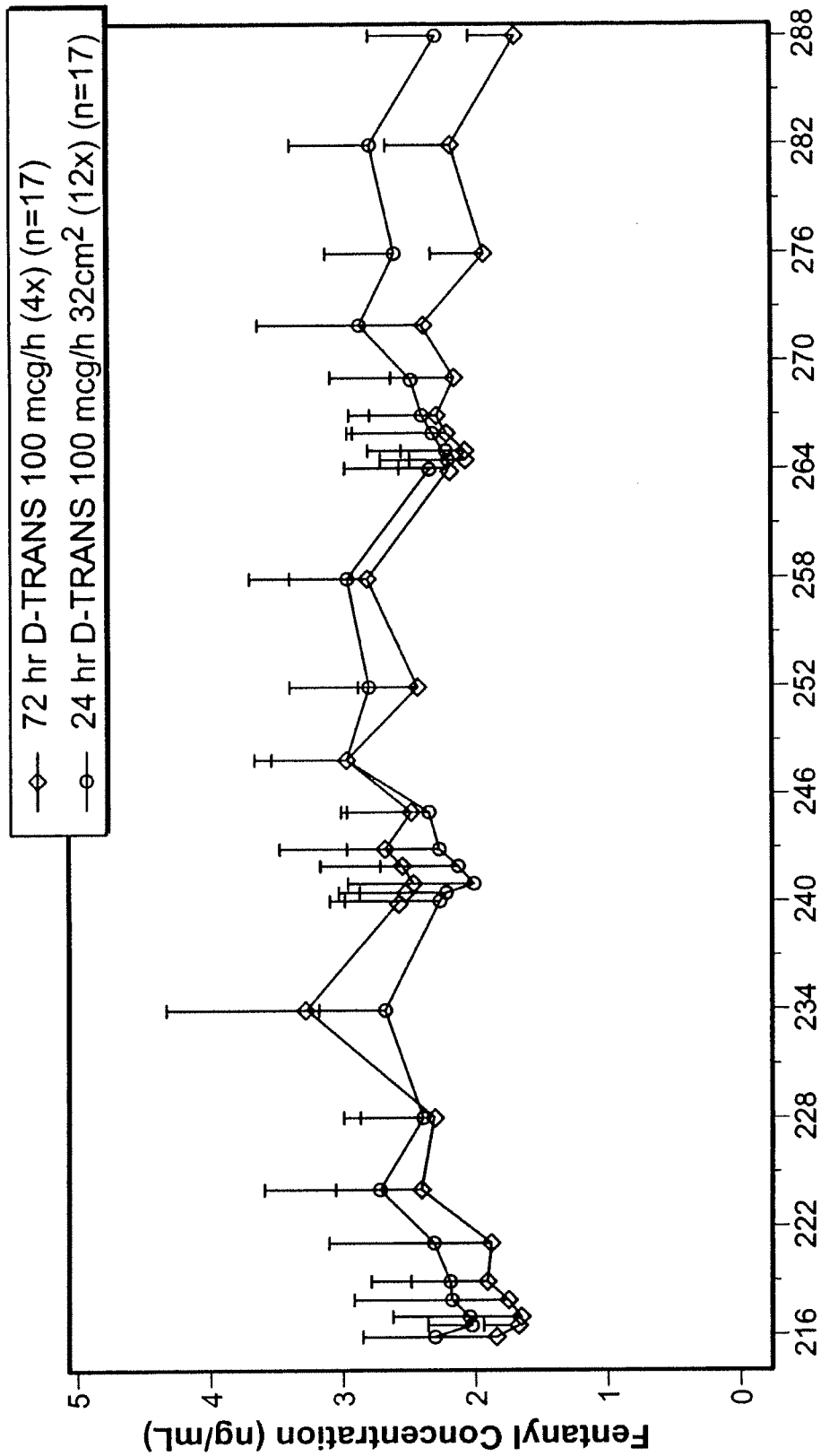

72 hr D-TRANS 100 mcg/h (4x) (n=17)
24 hr D-TRANS 100 mcg/h 32cm2 (12x) (n=17)
Fentanyl Concentration (ng/mL)
0
1
2
3
4
5
Time (h)
216
222
228
234
240
246
252
258
264
270
276
282
288

FIG. 14

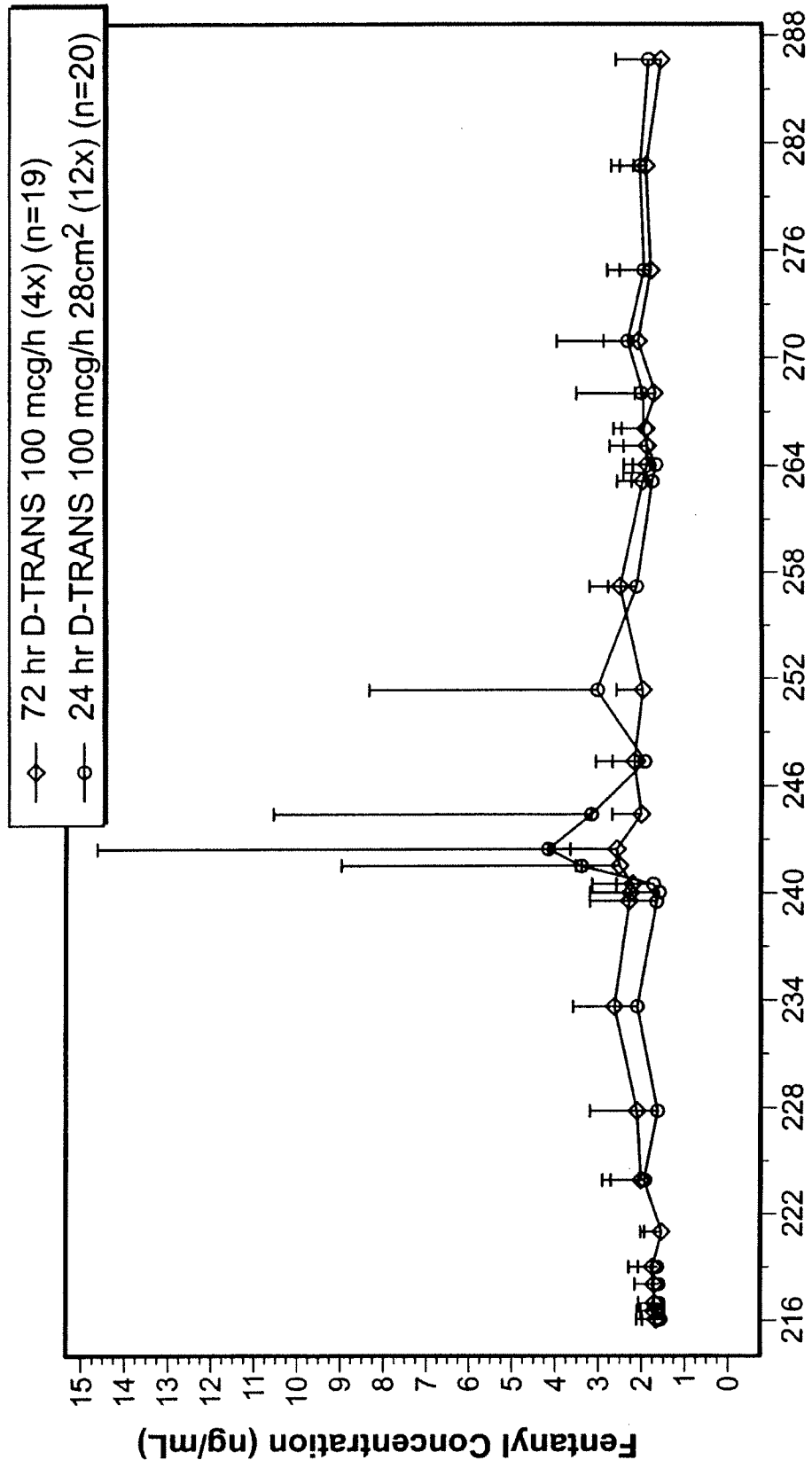

72 hr D-TRANS 100 mcg/h (4x) (n=19)
24 hr D-TRANS 100 mcg/h 28cm2 (12x) (n=20)
Fentanyl Concentration (ng/mL)
0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Time (h)
216
222
228
234
240
246
252
258
264
270
276
282
288

FIG. 15

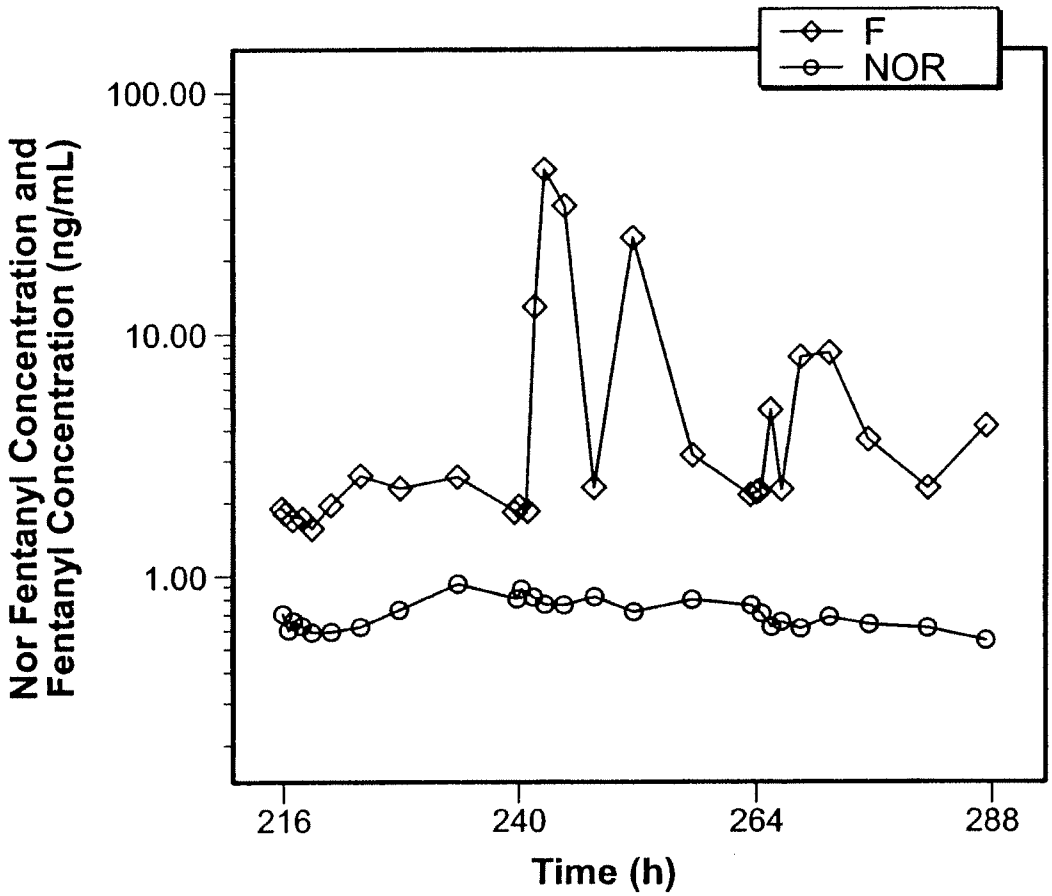

F
NOR
100.00
10.00
1.00
Nor Fentanyl Concentration and Fentanyl Concentration (ng/mL)
216
240
264
288
Time (h)

FIG. 16