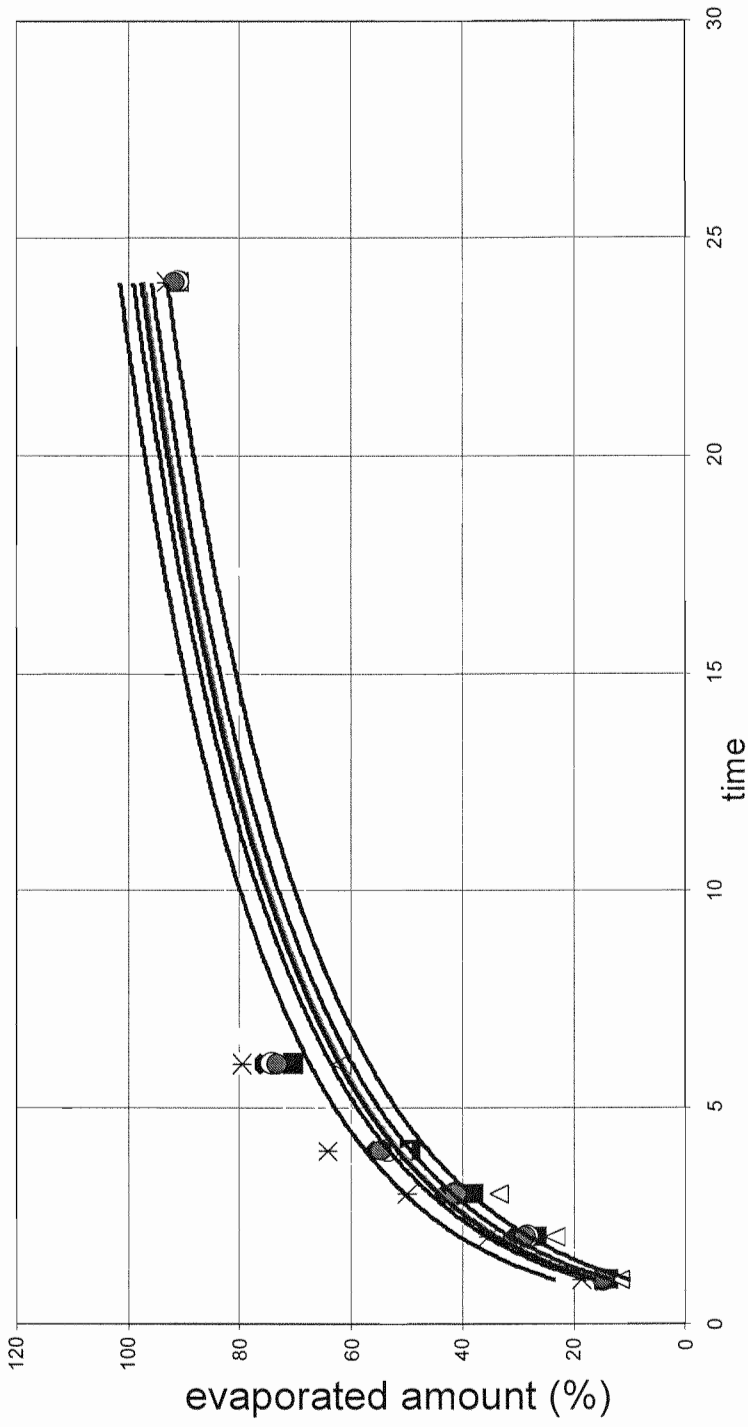

evaporated amount (%)
120
100
80
60
40
20
0
time (hours)
0
5
10
15
20
25
30

Figure 1

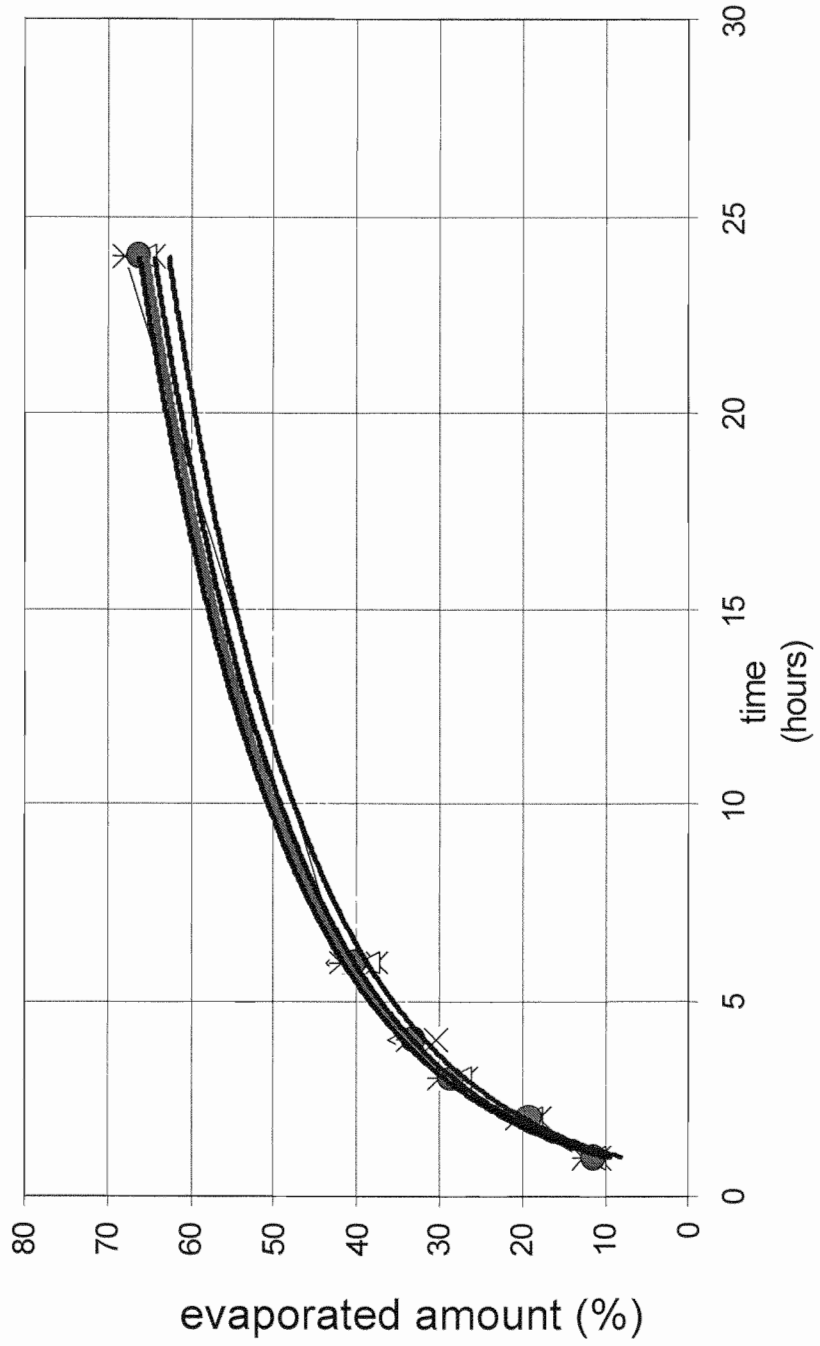

evaporated amount (%)
80
70
60
50
40
30
20
10
0
time (hours)
0
5
10
15
20
25
30

Figure 2

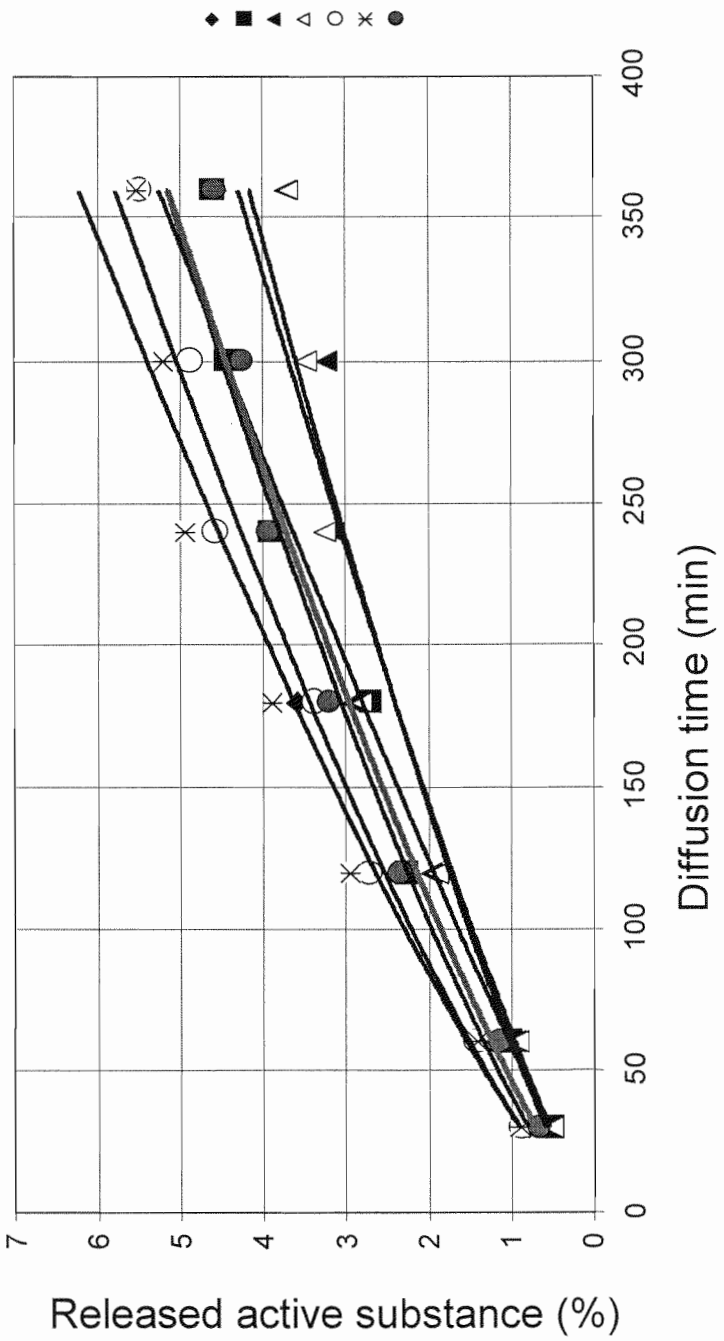

Diffusion time (min)
0
50
100
150
200
250
300
350
400
Released active substance (%)
0
1
2
3
4
5
6
7

Figure 3

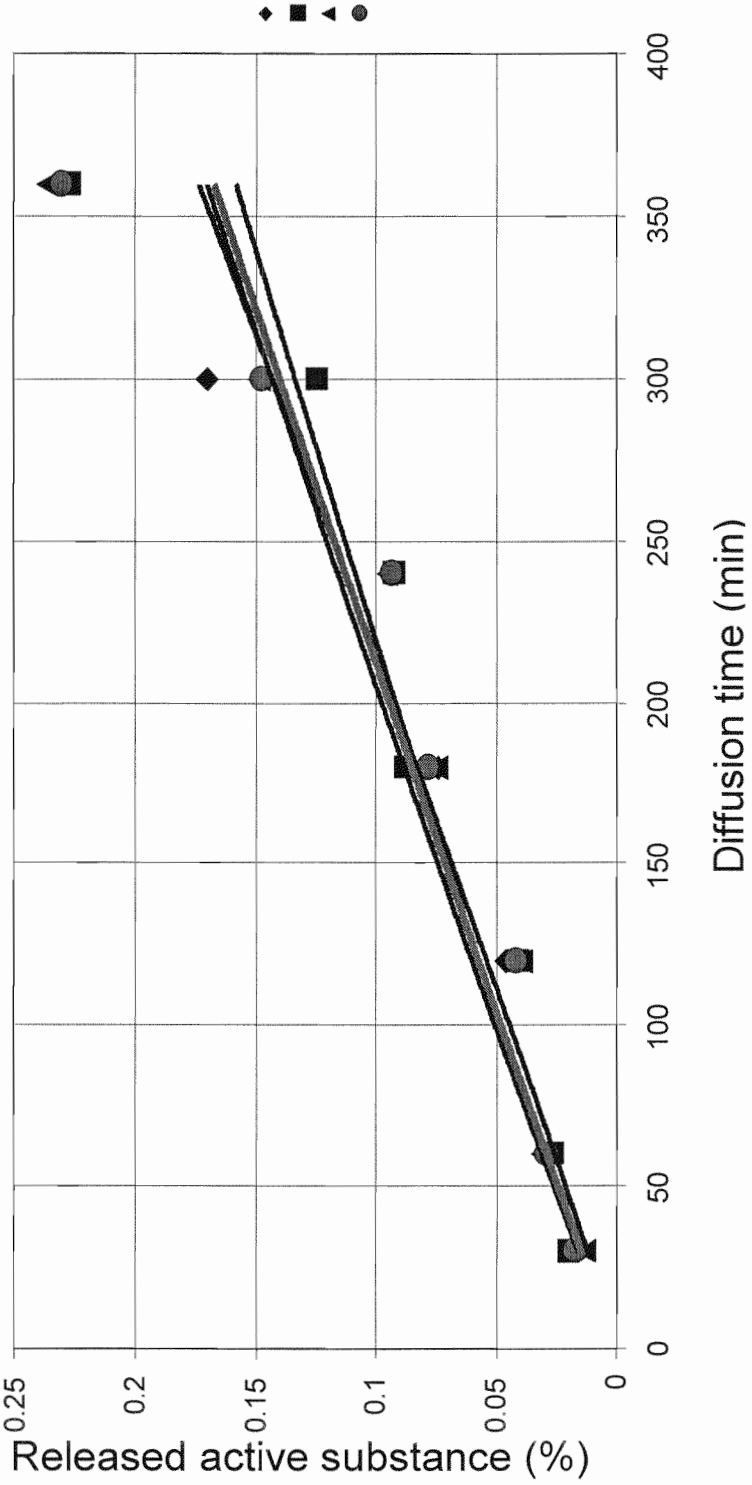

Released active substance (%)
0.25
0.2
0.15
0.1
0.05
0
Diffusion time (min)
0
50
100
150
200
250
300
350
400

Figure 4

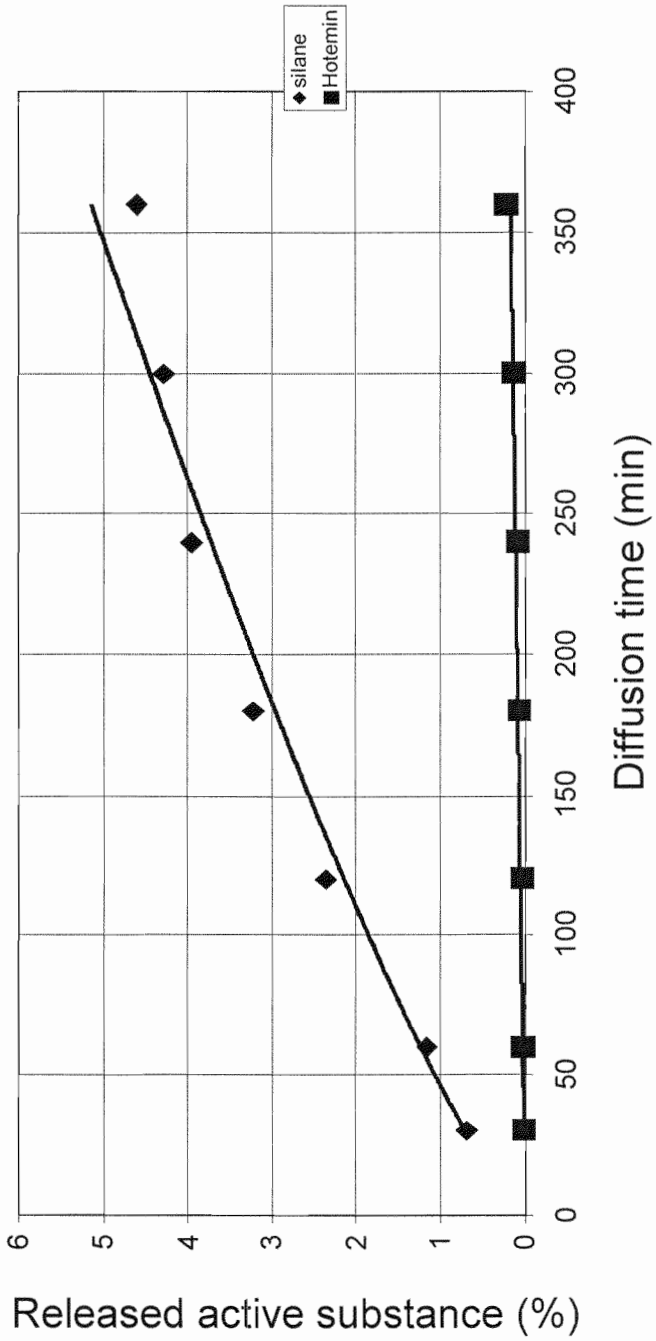

silane
Hotemin
0
50
100
150
200
250
300
350
400
Diffusion time (min)
0
1
2
3
4
5
6
Released active substance (%)

Figure 5

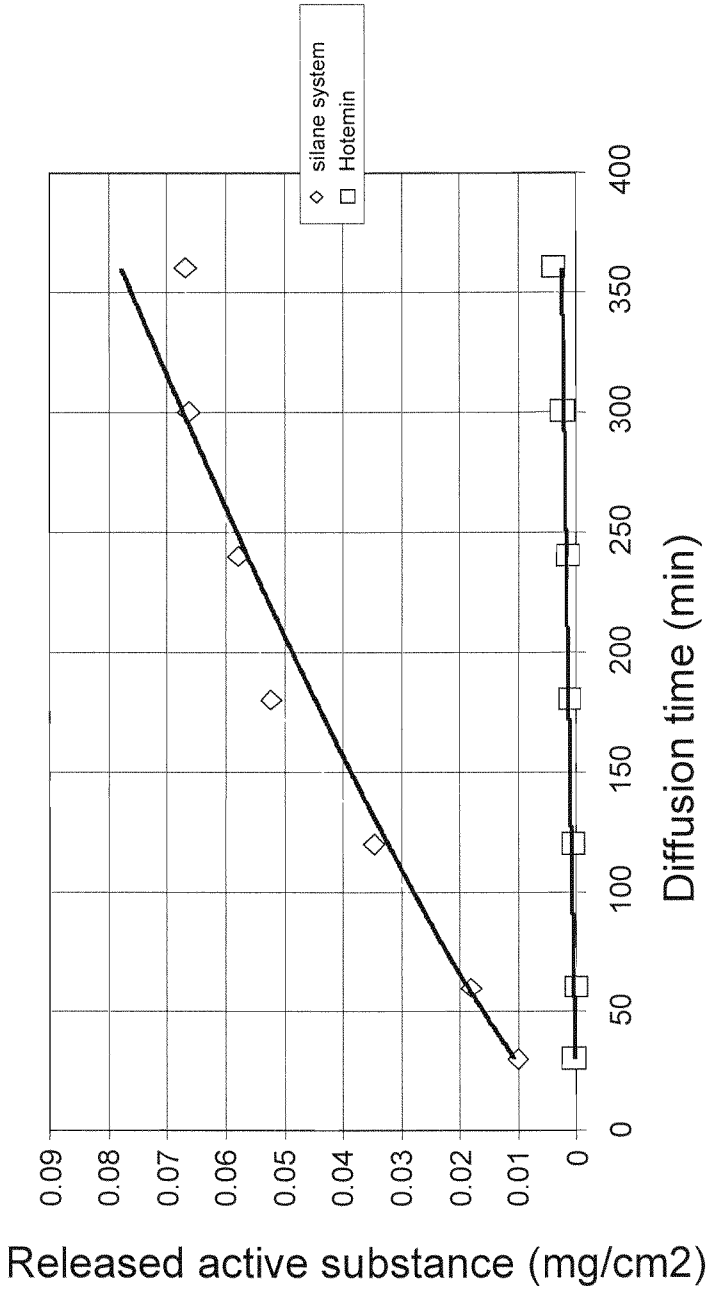

silane system
Hotemin
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0
0
50
100
150
200
250
300
350
400
Diffusion time (min)
Released active substance (mg/cm2)

Figure 6

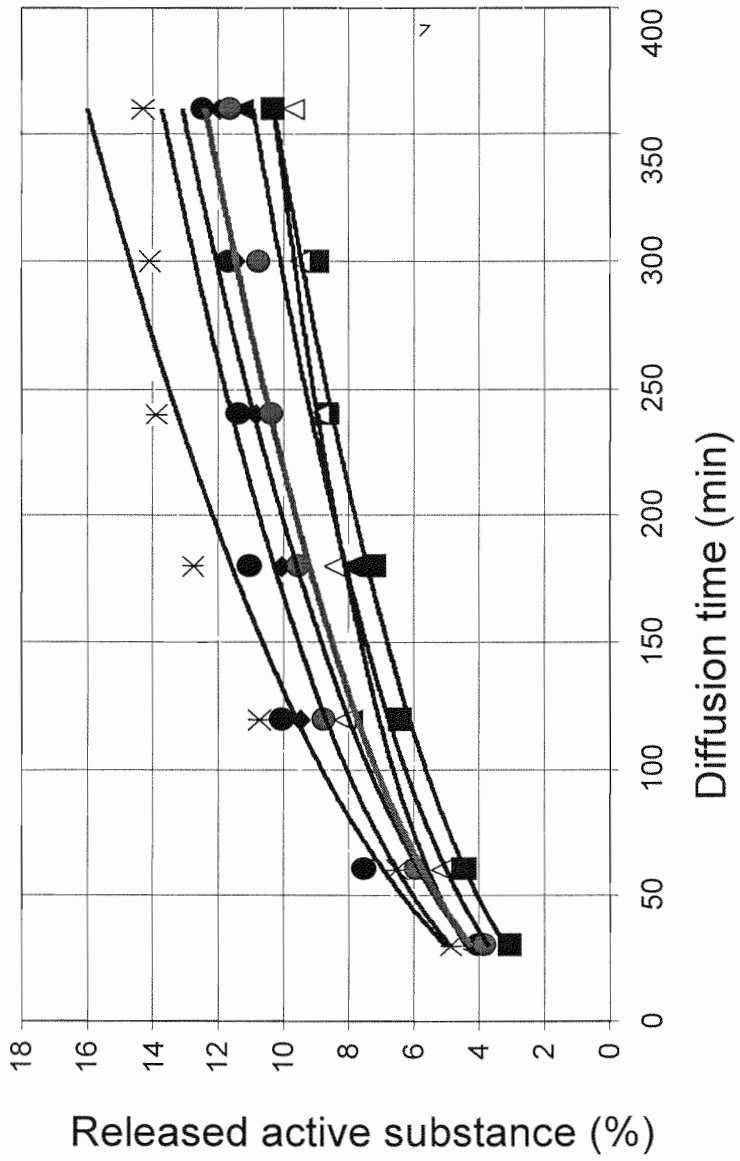

Diffusion time (min)
0
50
100
150
200
250
300
350
400
Released active substance (%)
18
16
14
12
10
8
6
4
2
0

Figure 7

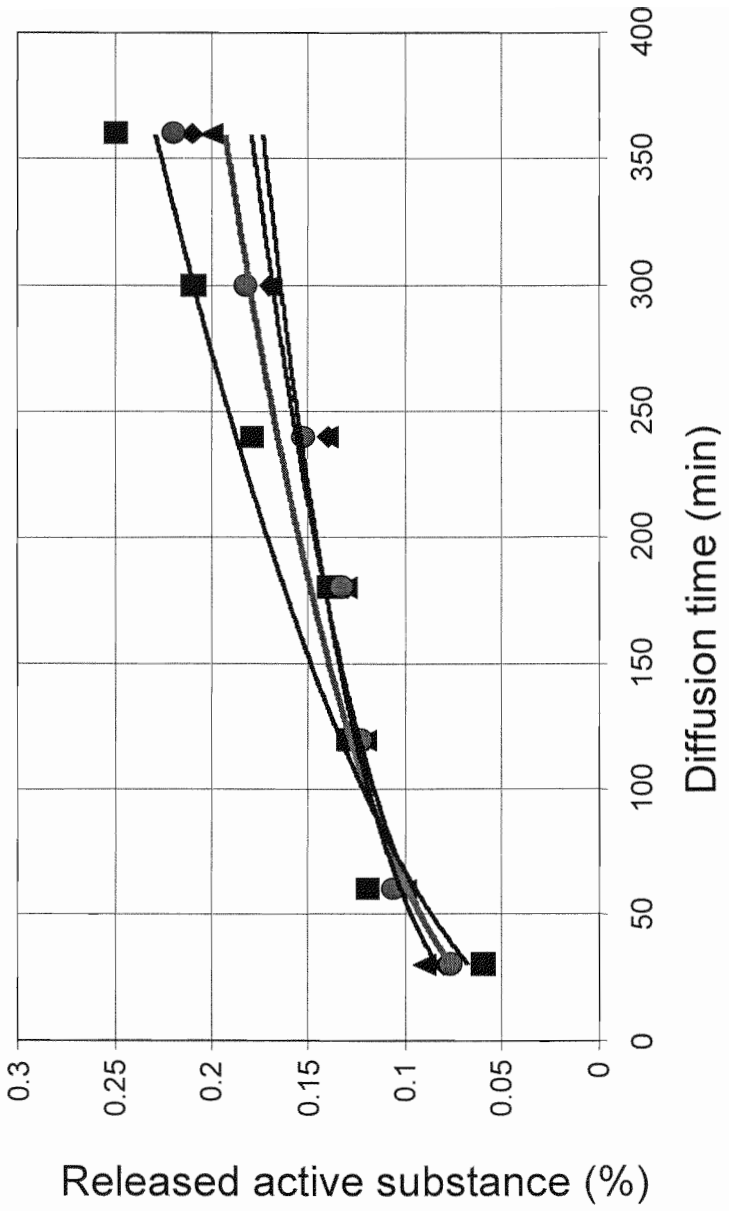

Diffusion time (min)
0
50
100
150
200
250
300
350
400
Released active substance (%)
0
0.05
0.1
0.15
0.2
0.25
0.3

Figure 8

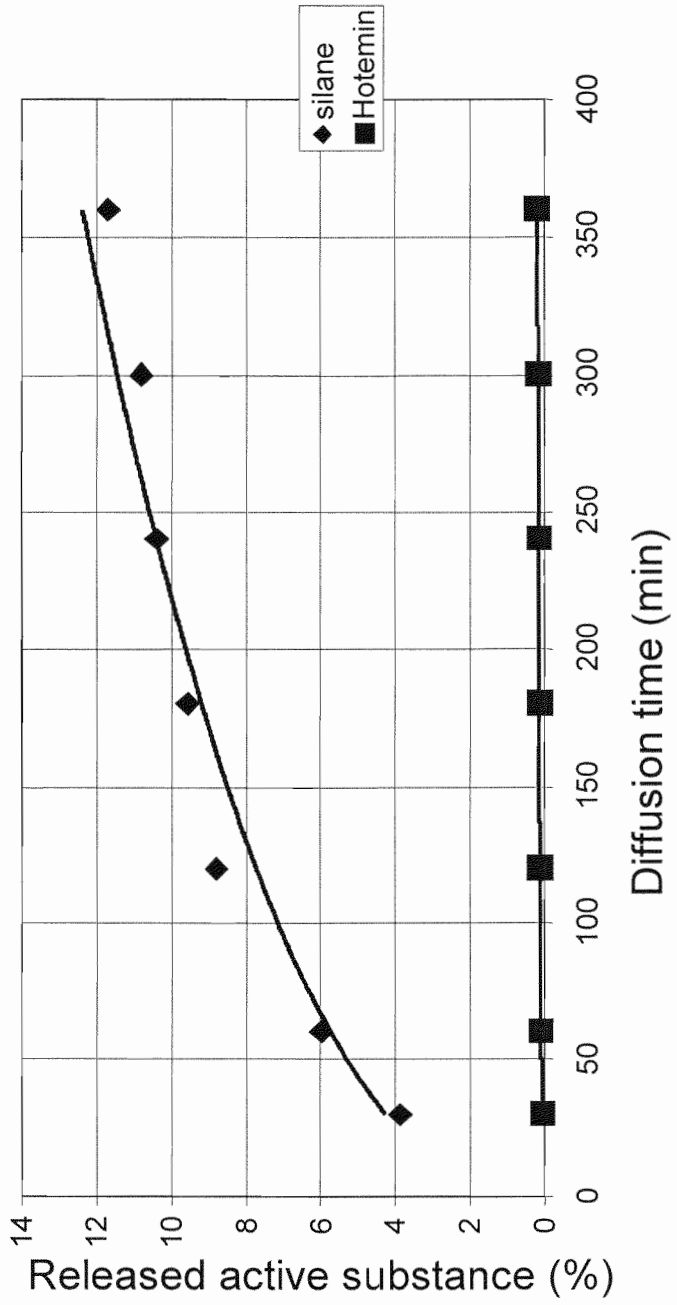

silane
Hotemin
Released active substance (%)
Diffusion time (min)
0
2
4
6
8
10
12
14
0
50
100
150
200
250
300
350
400

Figure 9

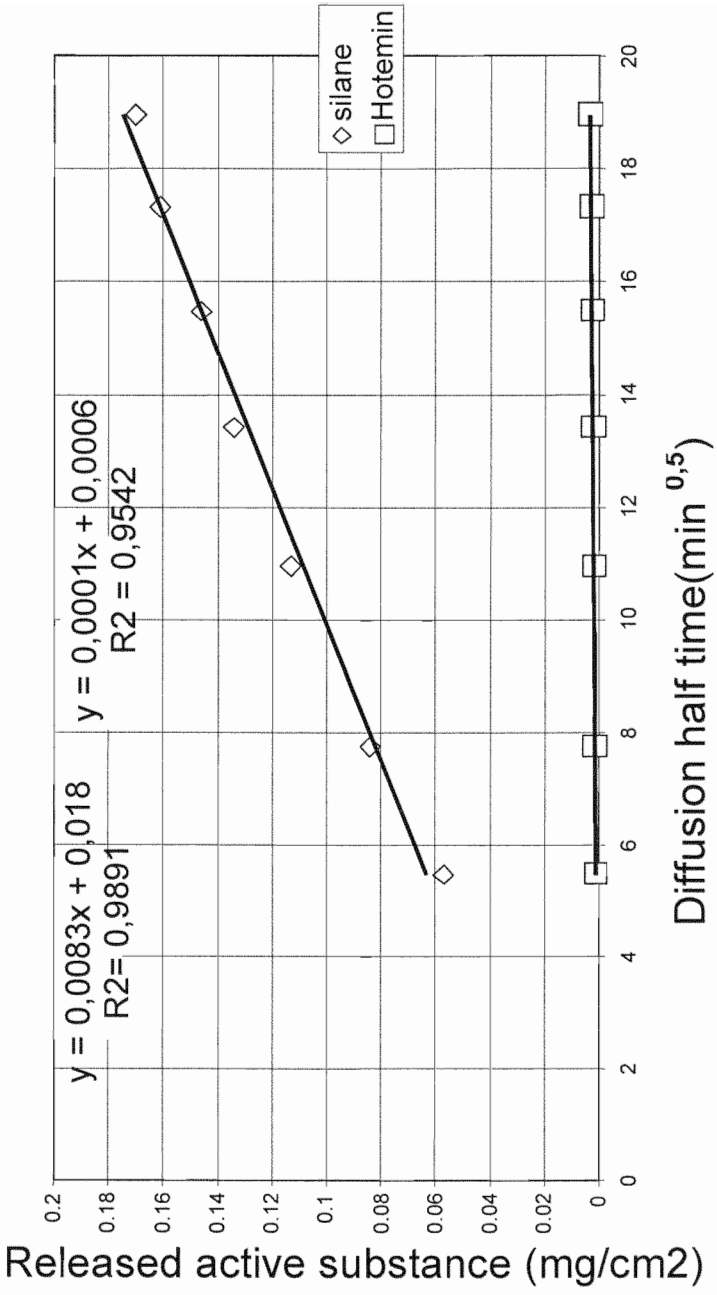

◇silane
□Hotemin
y = 0,0083x + 0,018
R2= 0,9891
y = 0,0001x + 0,0006
R2 = 0,9542
Released active substance (mg/cm2)
Diffusion half time(min 0,5)
0.2
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
0
2
4
6
8
10
12
14
16
18
20

Figure 10

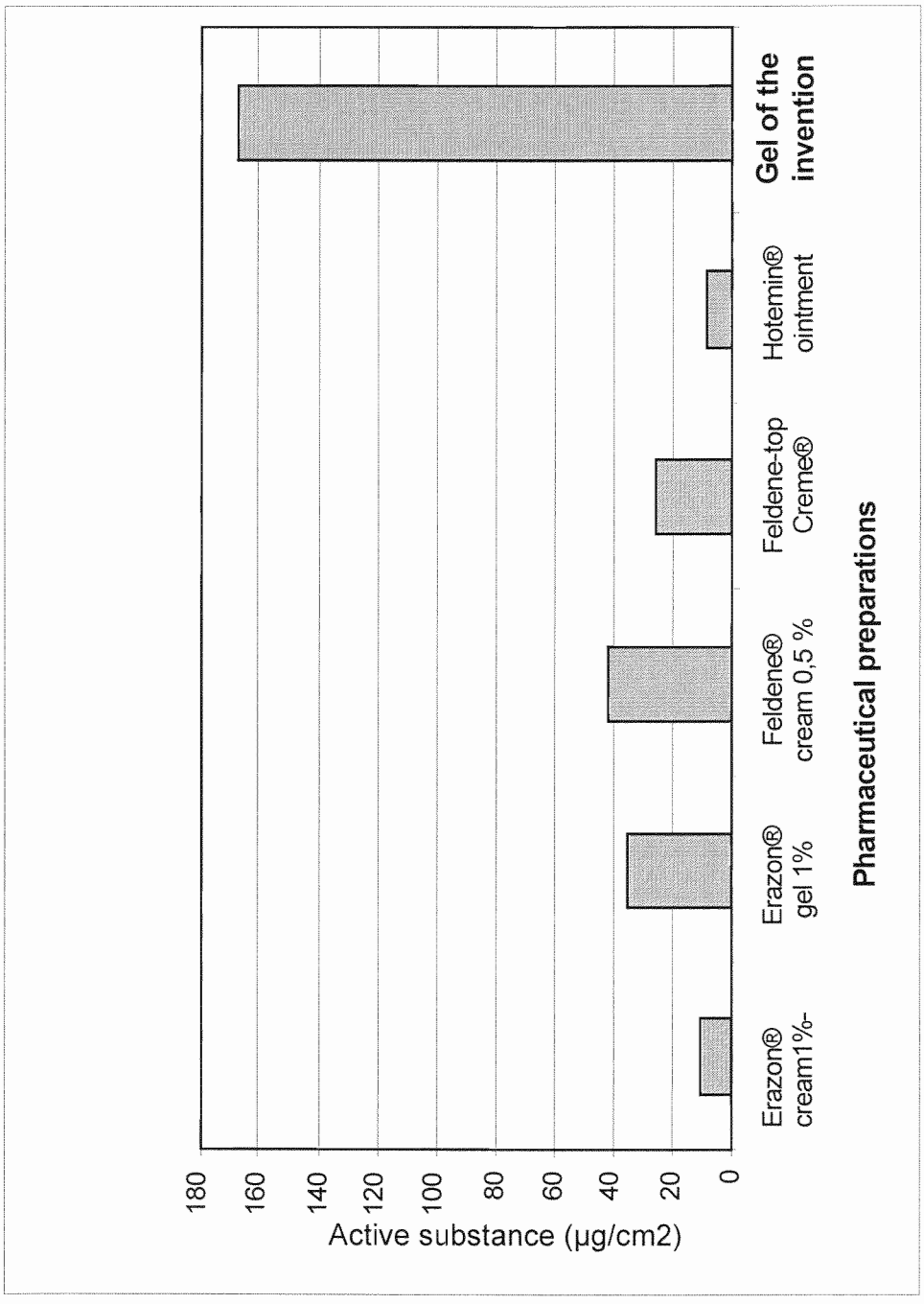

180
160
140
120
100
80
60
40
20
0
Active substance (µg/cm2)
Erazon® cream1%-
Erazon® gel 1%
Feldene® cream 0,5 %
Feldene-top Creme®
Hotemin® ointment
Gel of the invention
Pharmaceutical preparations

Figure 11