FIG. 1

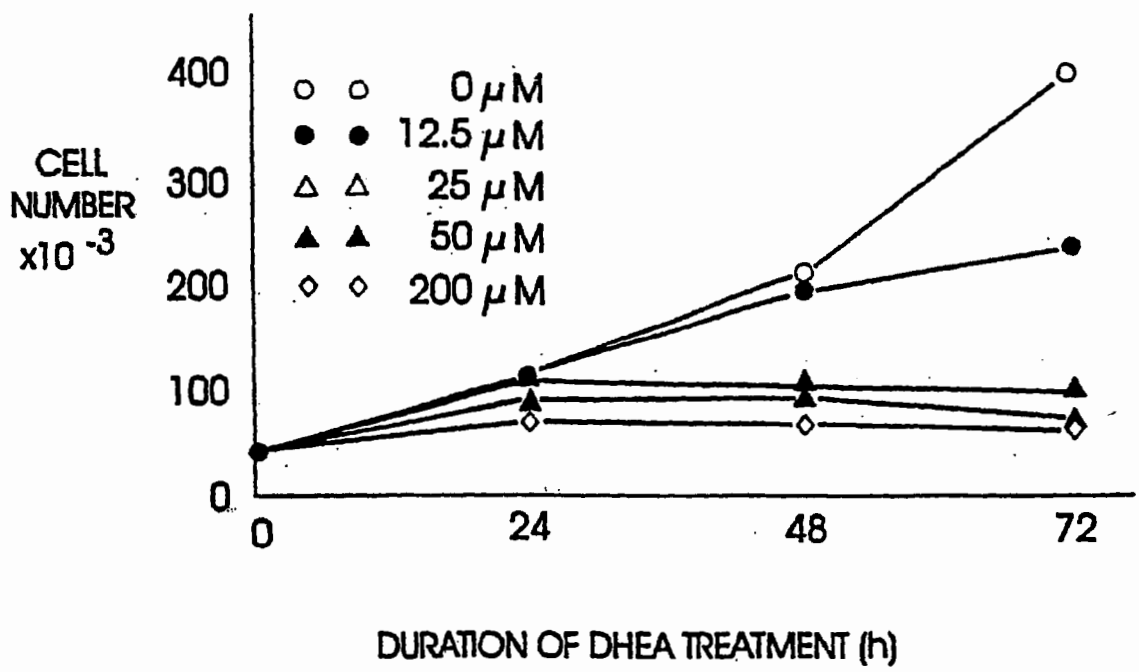

CELL NUMBER x10 -3
400
300
200
100
0
0 μM
12.5 μM
25 μM
50 μM
200 μM
0
24
48
72
DURATION OF DHEA TREATMENT (h)

FIG. 2A

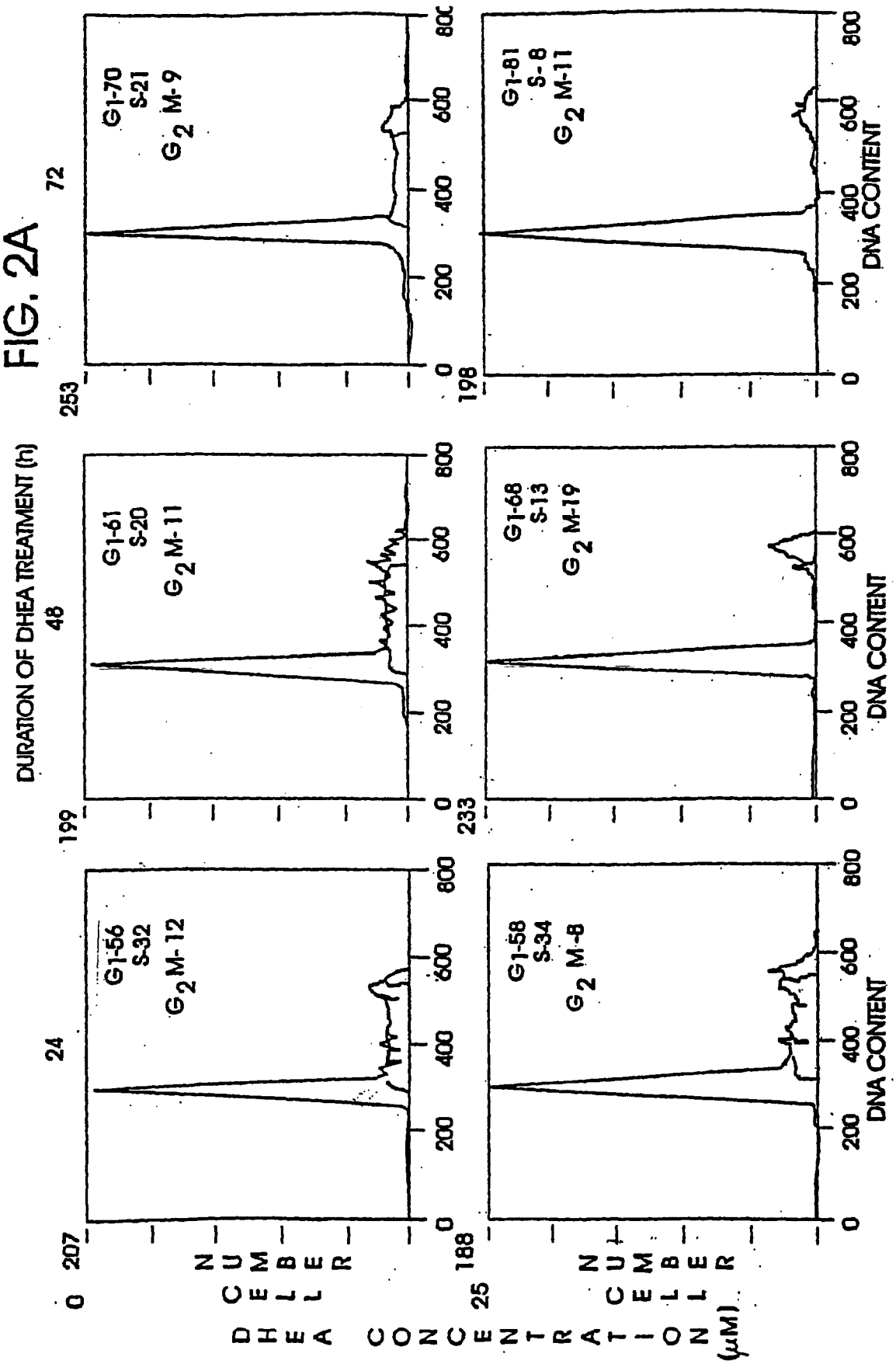

DURATION OF DHEA TREATMENT (h)
24
48
72
DHEA CONCENTRATION (μM)
0
25
NUMBER
0 207
0 199
0 253
0 188
0 233
0 198
G1-56
S-32
G2 M-12
G1-61
S-20
G2 M-11
G1-70
S-21
G2 M-9
G1-58
S-34
G2 M-8
G1-68
S-13
G2 M-19
G1-81
S-8
G2 M-11
0
200
400
600
800
DNA CONTENT

FIG. 2B

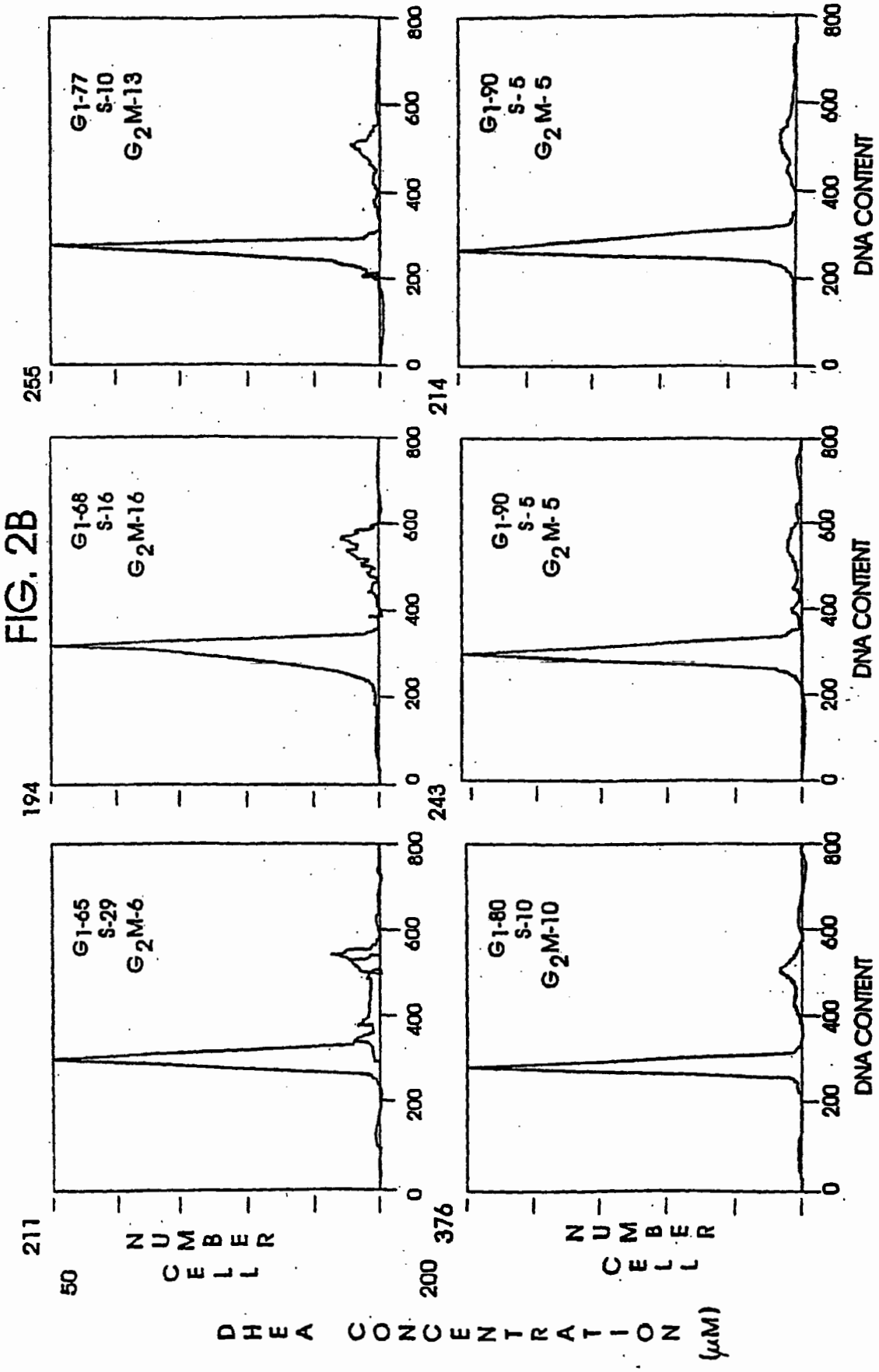

DHEA CONCENTRATION (μM)
NUMBER
DNA CONTENT
G1-65
S-29
G2M-6
211
50
G1-68
S-16
G2M-16
194
G1-77
S-10
G2M-13
255
G1-80
S-10
G2M-10
376
200
G1-90
S-5
G2M-5
243
G1-90
S-5
G2M-5
214
0
200
400
600
800

FIG. 3A

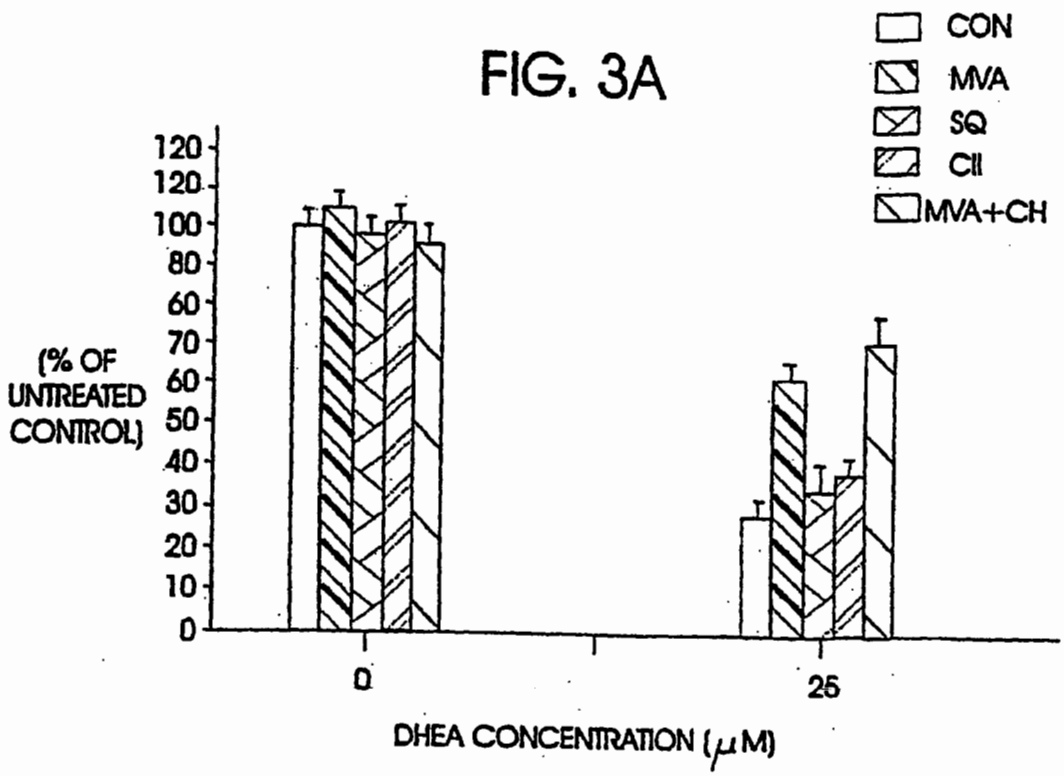

CON
MVA
SQ
CII
MVA+CH
(% OF UNTREATED CONTROL)
120
120
100
80
70
60
50
40
30
20
10
0
0
25
DHEA CONCENTRATION (μM)

FIG. 3B

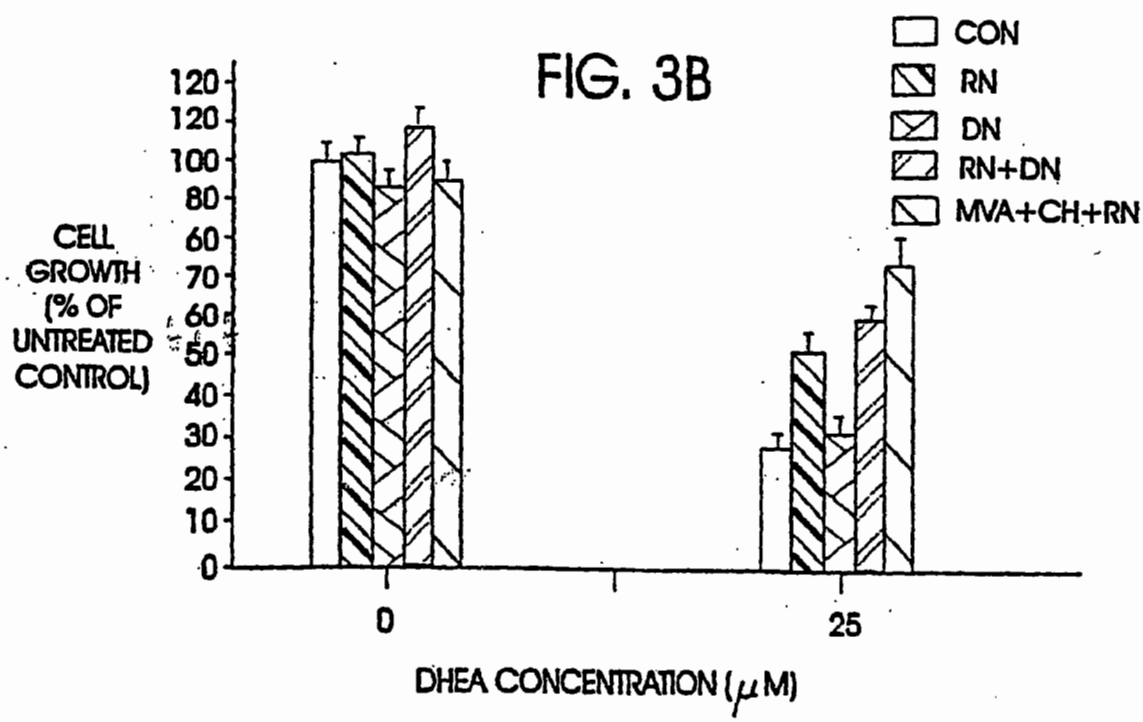

CON
RN
DN
RN+DN
MVA+CH+RN
CELL GROWTH (% OF UNTREATED CONTROL)
120
120
100
80
70
60
50
40
30
20
10
0
0
25
DHEA CONCENTRATION (μM)

FIG. 4A

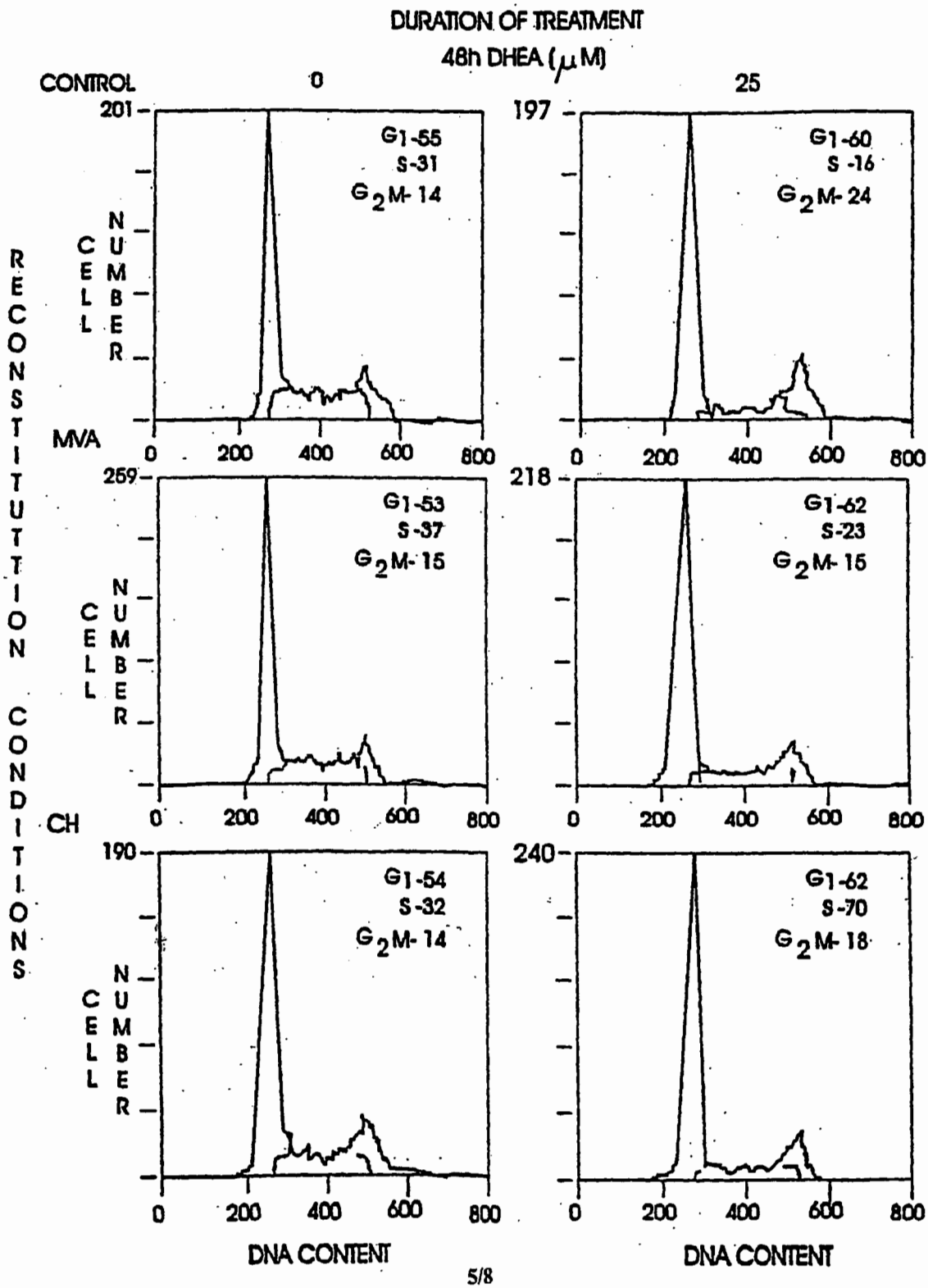

DURATION OF TREATMENT
48h DHEA (μM)
CONTROL
0
25
RECONSTITUTION CONDITIONS
MVA
CH
CELL NUMBER
201
G1-55
S-31
G2M-14
197
G1-60
S-16
G2M-24
259
G1-53
S-37
G2M-15
218
G1-62
S-23
G2M-15
190
G1-54
S-32
G2M-14
240
G1-62
S-70
G2M-18
0
200
400
600
800
DNA CONTENT

FIG. 4B

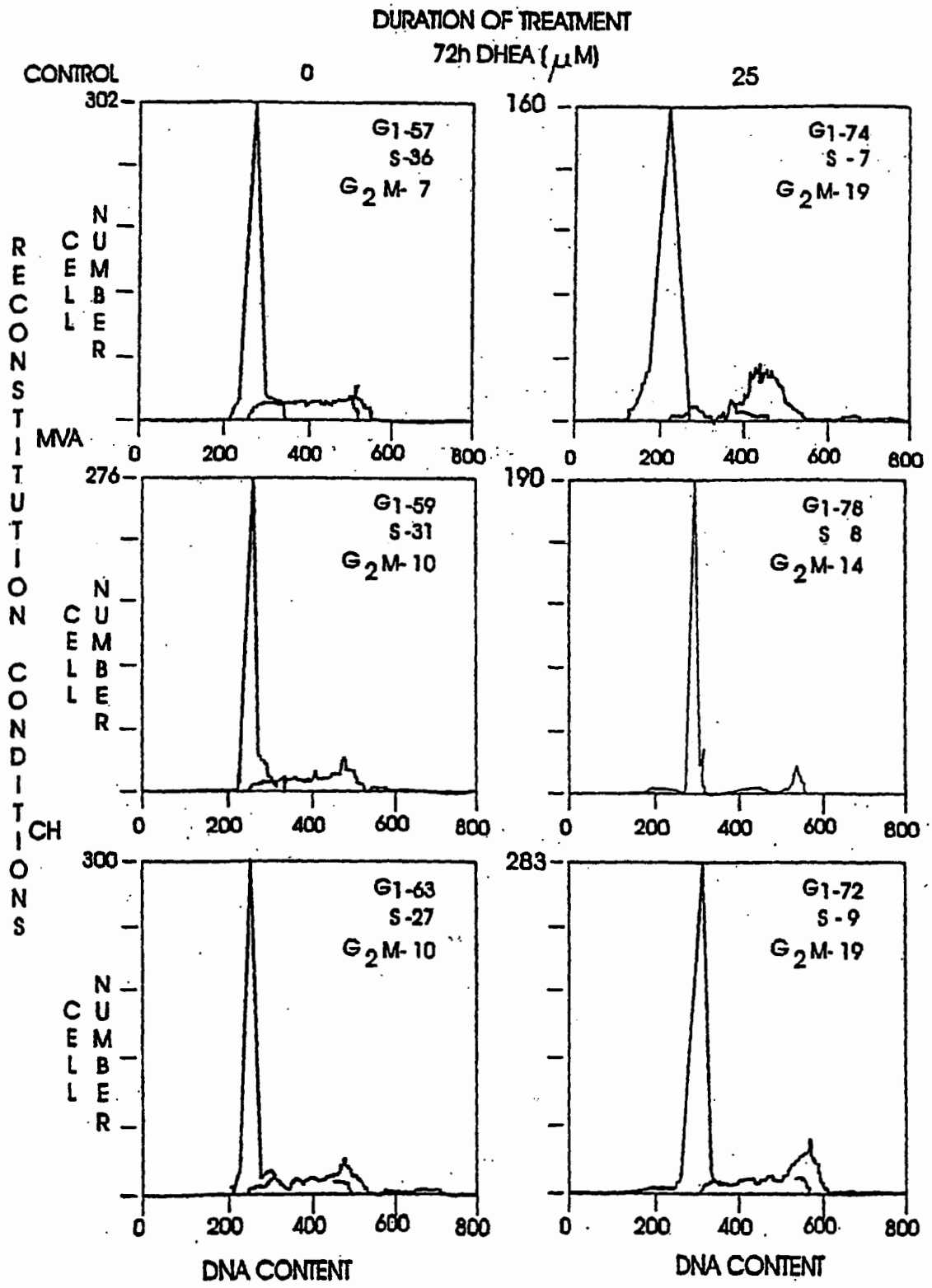

DURATION OF TREATMENT
72h DHEA (μM)
CONTROL
0
25
RECONSTITUTION CONDITIONS
MVA
CH
CELL NUMBER
302
160
276
190
300
283
G1-57
S-36
G2M-7
G1-74
S-7
G2M-19
G1-59
S-31
G2M-10
G1-78
S 8
G2M-14
G1-63
S-27
G2M-10
G1-72
S-9
G2M-19
0
200
400
600
800
DNA CONTENT

FIG. 4C

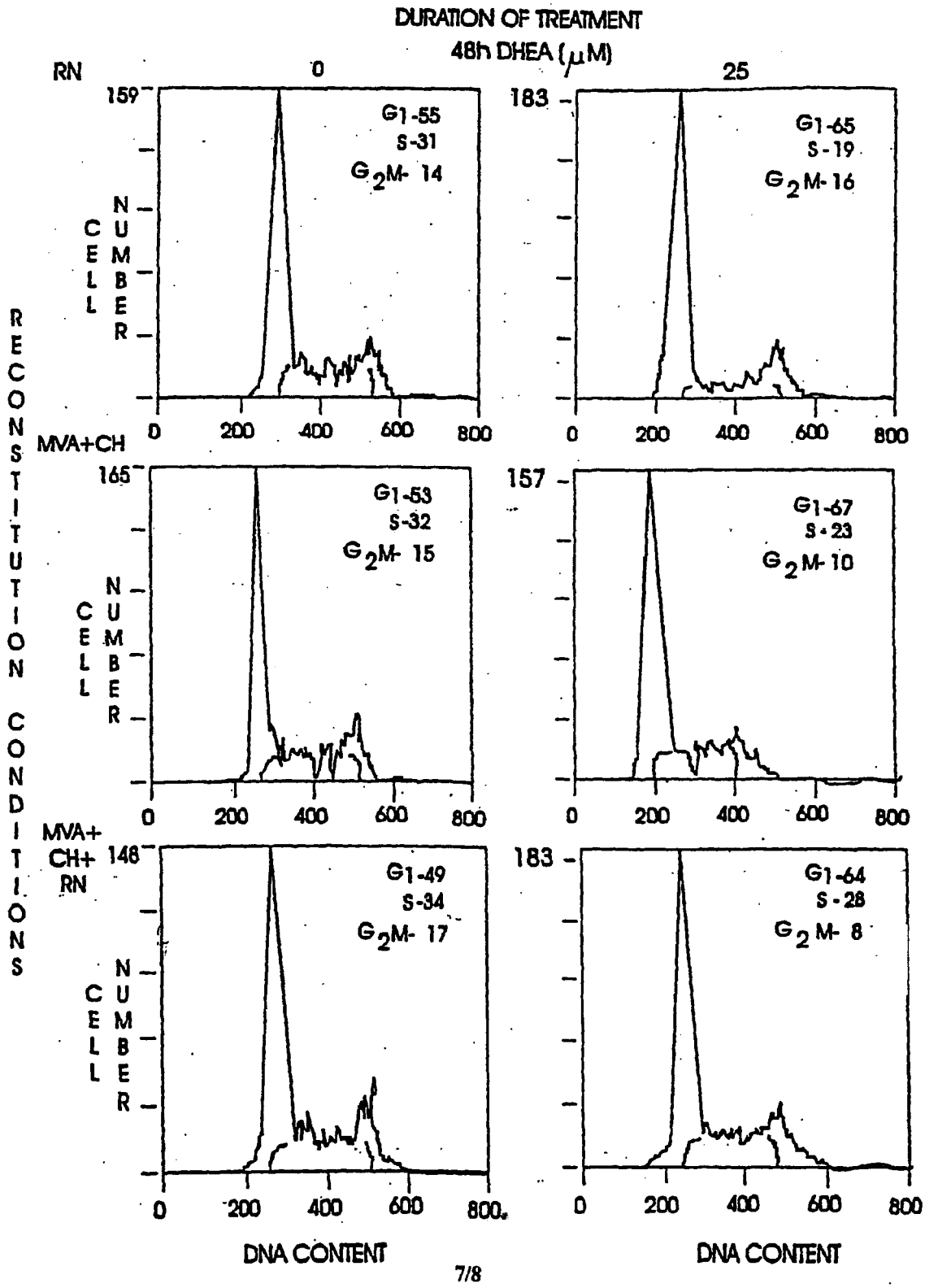
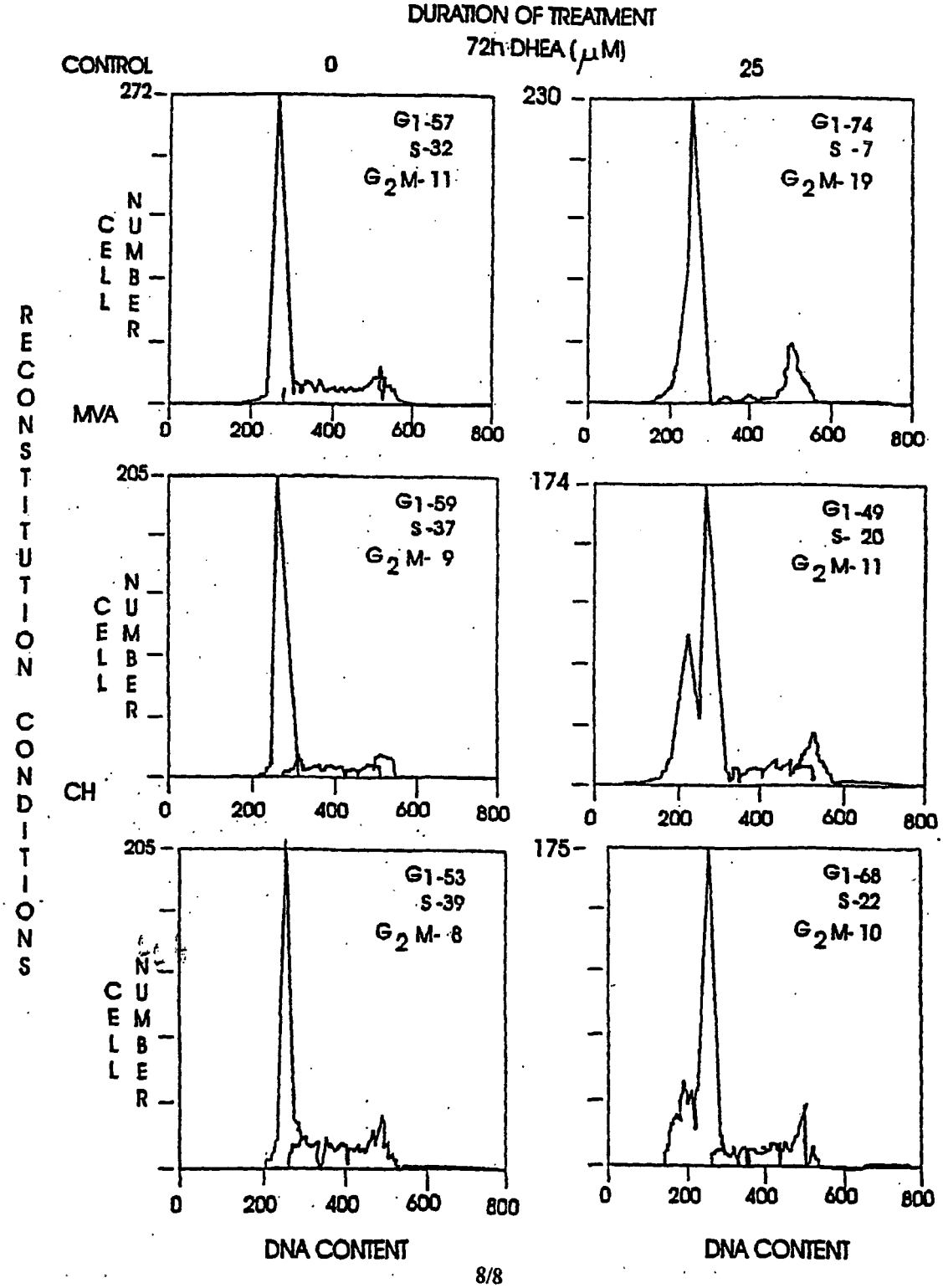

DURATION OF TREATMENT
48h DHEA (μM)
0
25
RN
MVA+CH
MVA+ CH+ RN
RECONSTITUTION CONDITIONS
CELL NUMBER
159
G1-55
S-31
G2M- 14
183
G1-65
S-19
G2M-16
165
G1-53
S-32
G2M- 15
157
G1-67
S-23
G2M-10
148
G1-49
S-34
G2M- 17
183
G1-64
S-28
G2 M- 8
0
200
400
600
800
DNA CONTENT

FIG. 4D


DURATION OF TREATMENT
72h DHEA (μM)
CONTROL
0
25
RECONSTITUTION CONDITIONS
MVA
CH
CELL NUMBER
272
230
205
174
205
175
G1-57
S-32
G2M-11
G1-74
S-7
G2M-19
G1-59
S-37
G2M-9
G1-49
S-20
G2M-11
G1-53
S-39
G2M-8
G1-68
S-22
G2M-10
0
200
400
600
800
DNA CONTENT