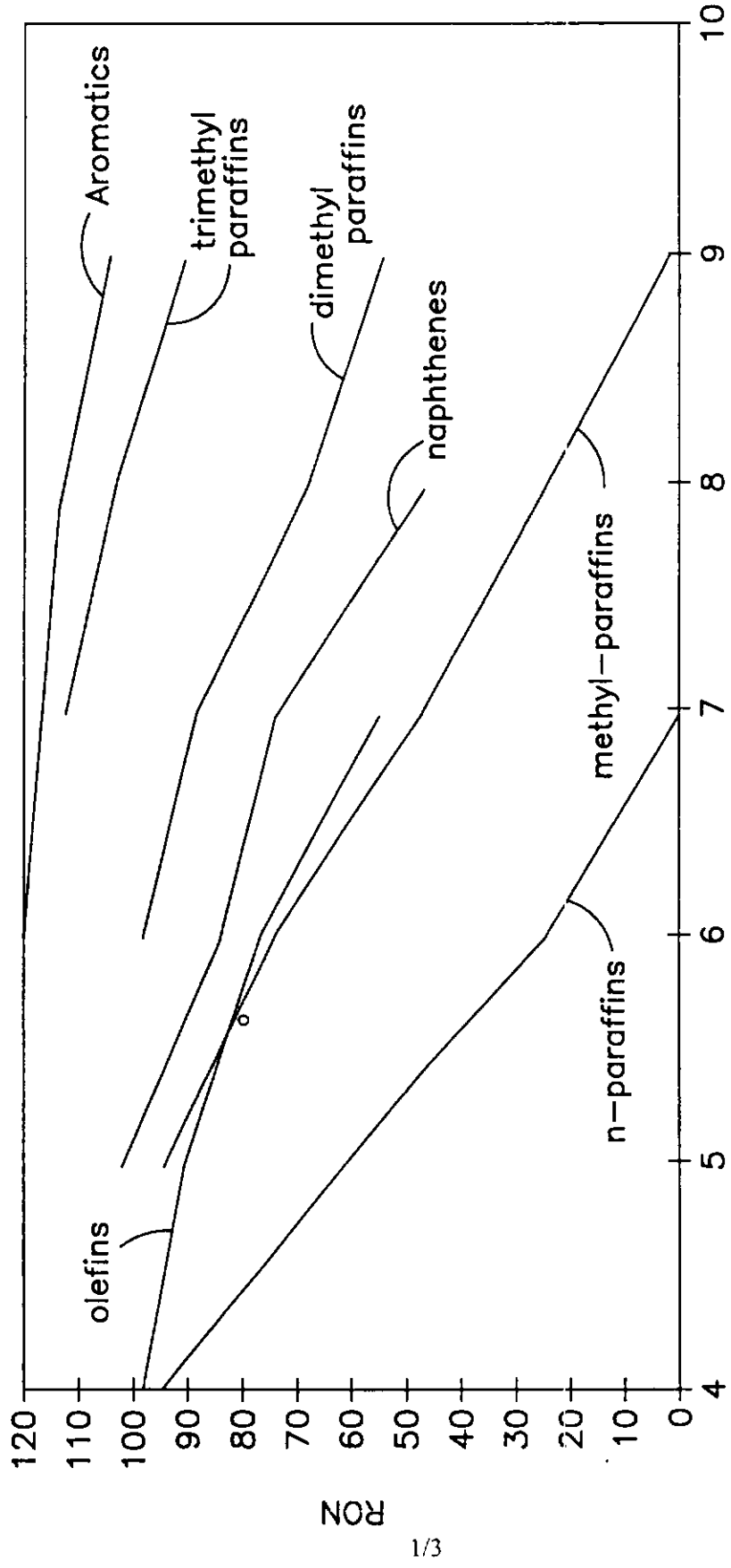
RON
120
110
100
90
80
70
60
50
40
30
20
10
0
4
5
6
7
8
9
10
Carbon Atoms
Aromatics
trimethyl paraffins
dimethyl paraffins
naphthenes
methyl-paraffins
n-paraffins
olefins

FIG. 1

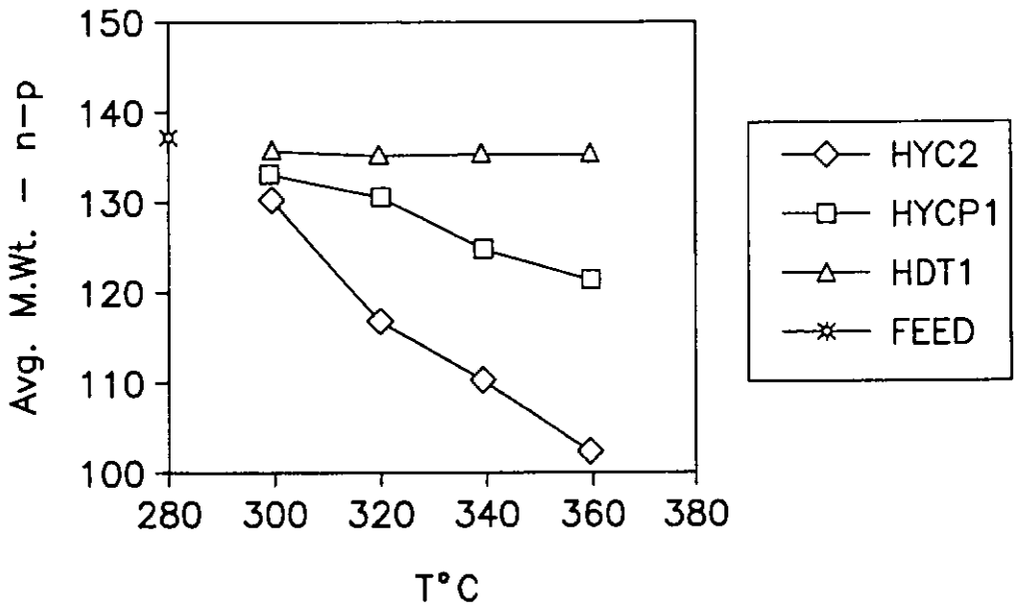
150
140
130
120
110
100
Avg. M.Wt. – n–p
280
300
320
340
360
380
T°C
HYC2
HYCP1
HDT1
FEED

FIG. 2

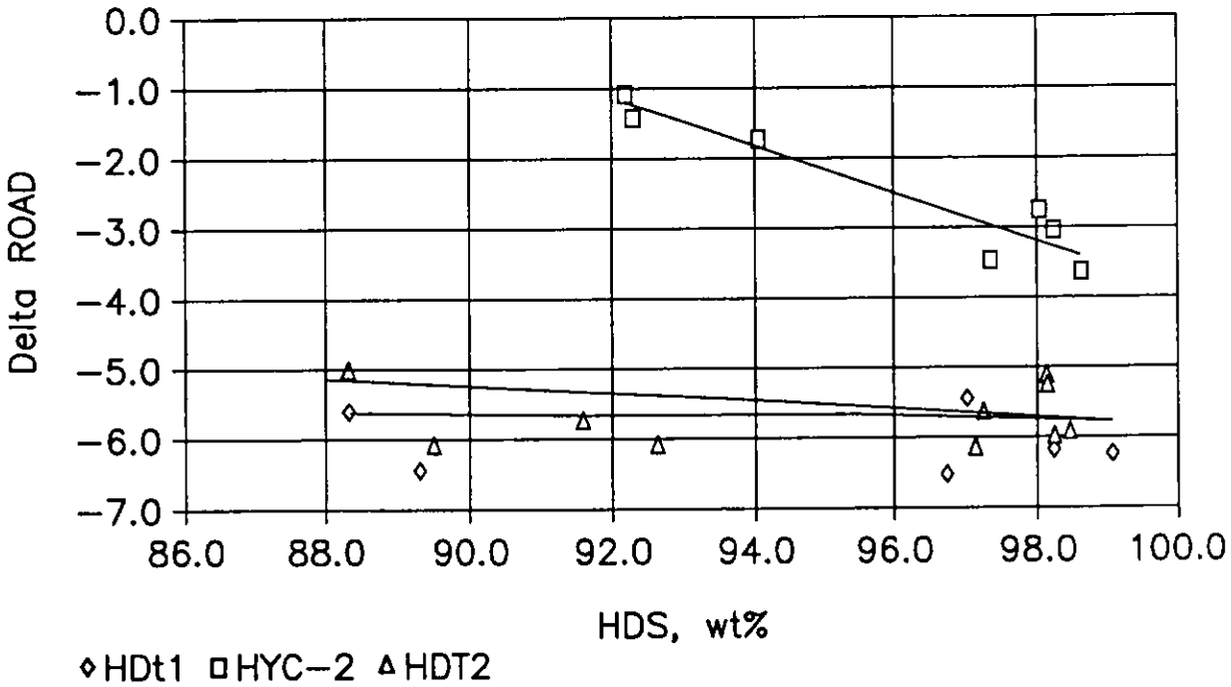
0.0
−1.0
−2.0
−3.0
−4.0
−5.0
−6.0
−7.0
Delta ROAD
86.0
88.0
90.0
92.0
94.0
96.0
98.0
100.0
HDS, wt%
◇HDt1 □HYC−2 △HDT2

FIG. 3