

FIGURE 1

Effect of Co/Zr Ratio on Bulk Activity
(Gas Phase -- $\text{CO}/\text{H}_2=1$, $\text{SV}=1000 \text{ hr}^{-1}$, 300 psig)

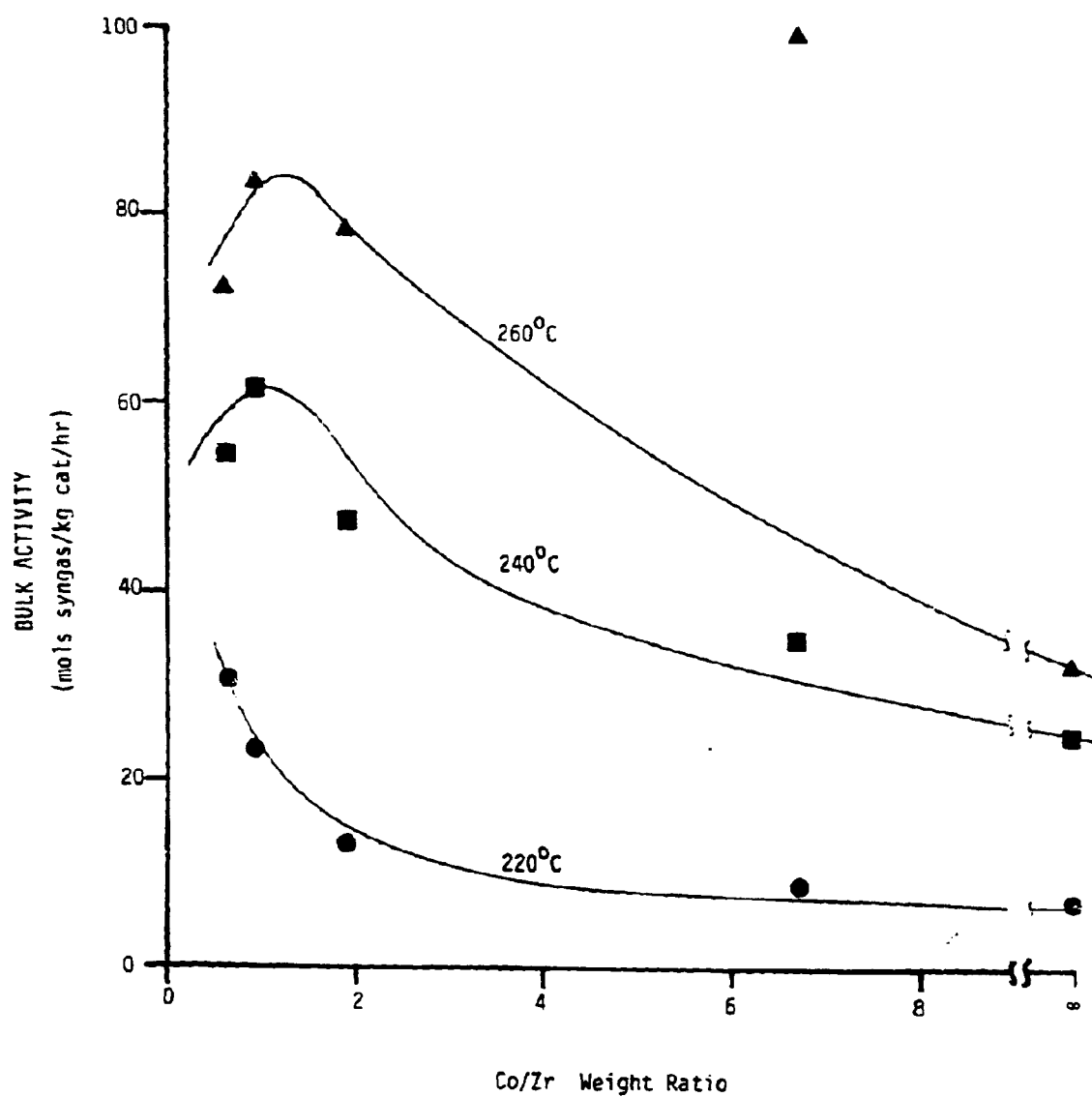


FIGURE 2

Effect of Co/Zr Ratio on Specific Activity

(Gas Phase -- $\text{CO}/\text{H}_2=1$, $\text{SV}=1000 \text{ hr}^{-1}$, 300 psig)

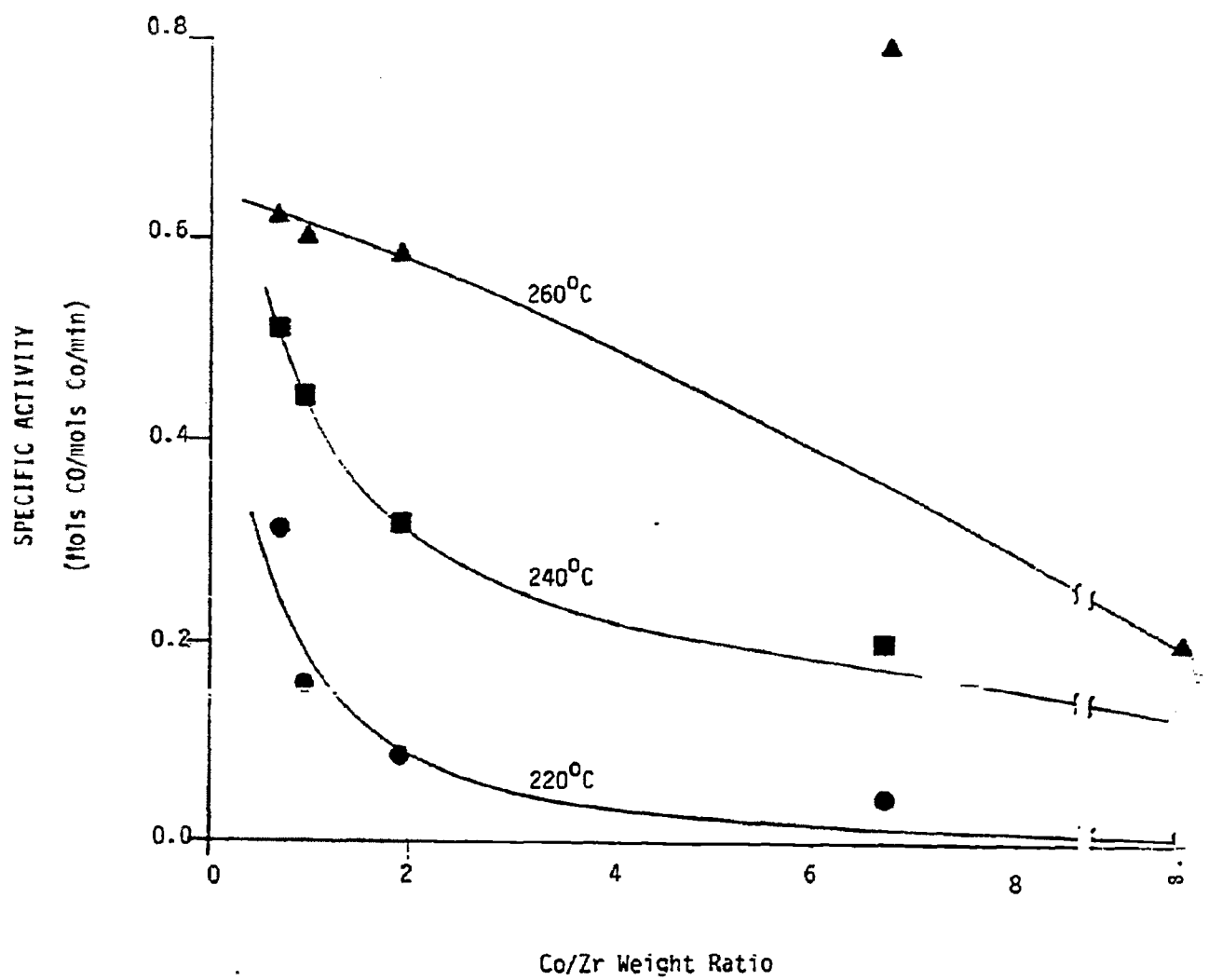


FIGURE 3

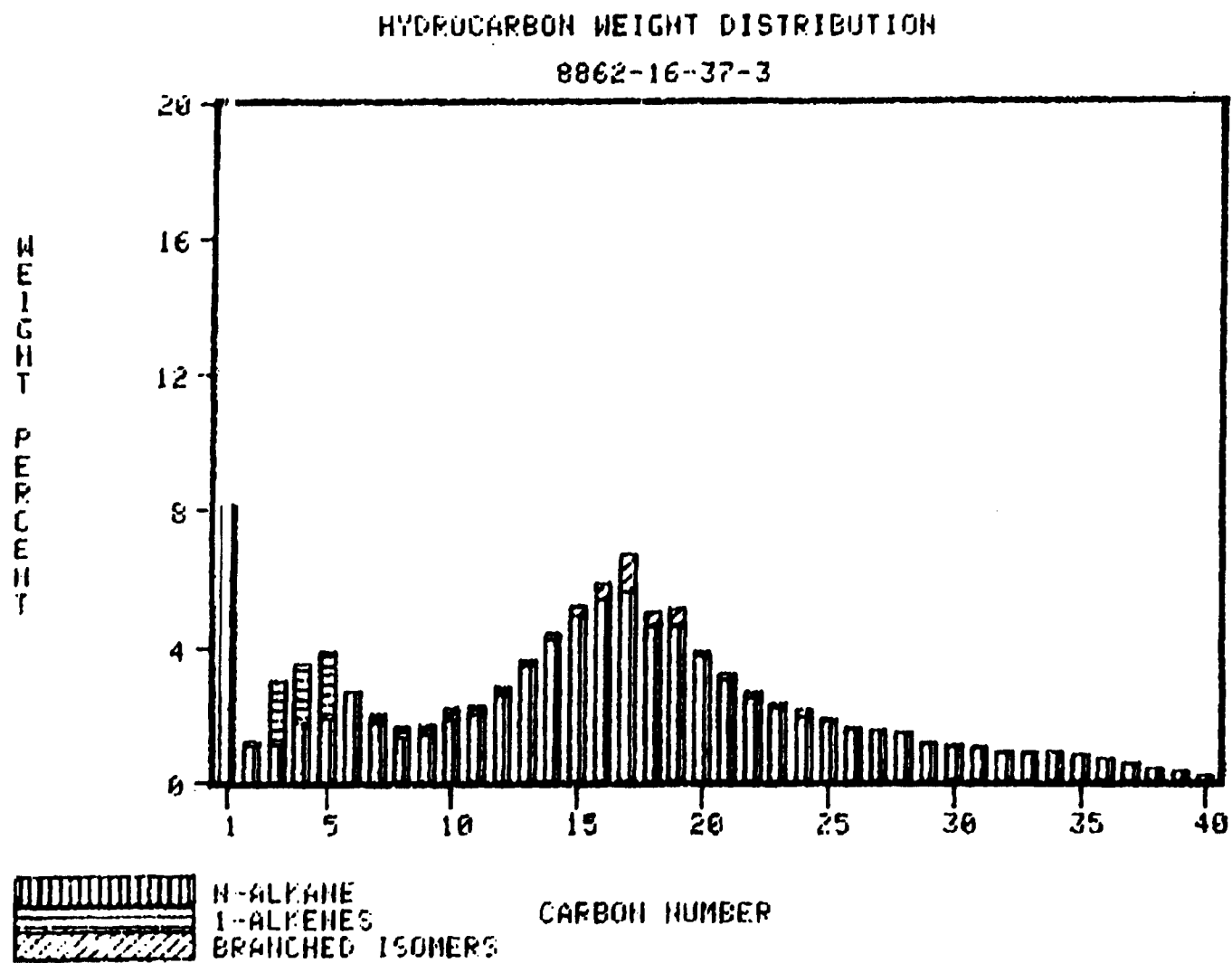


FIGURE 4

HYDROCARBON WEIGHT DISTRIBUTION

8862-16-37-9

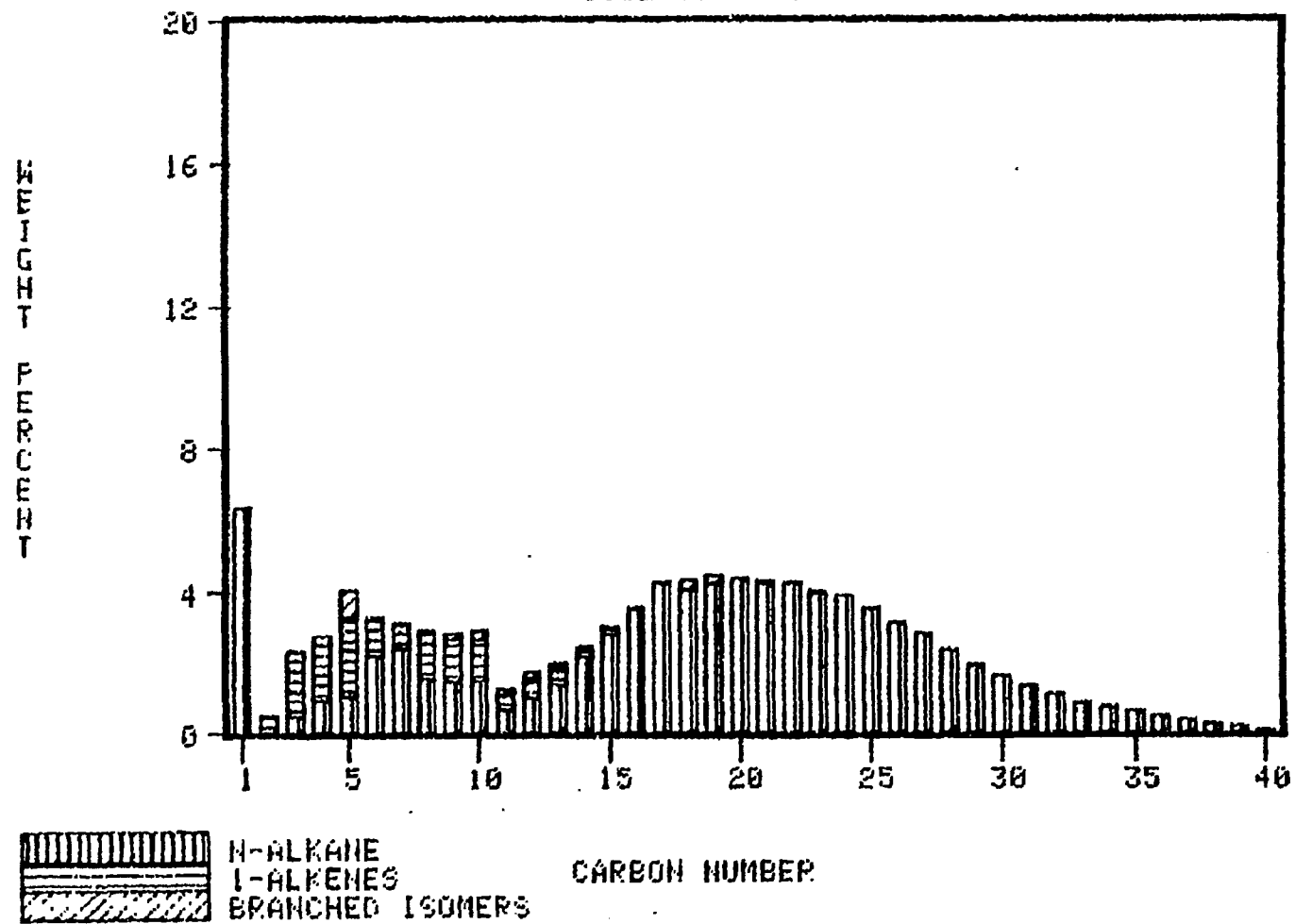


FIGURE 5

HYDROCARBON WEIGHT DISTRIBUTION

8862-16-37-6

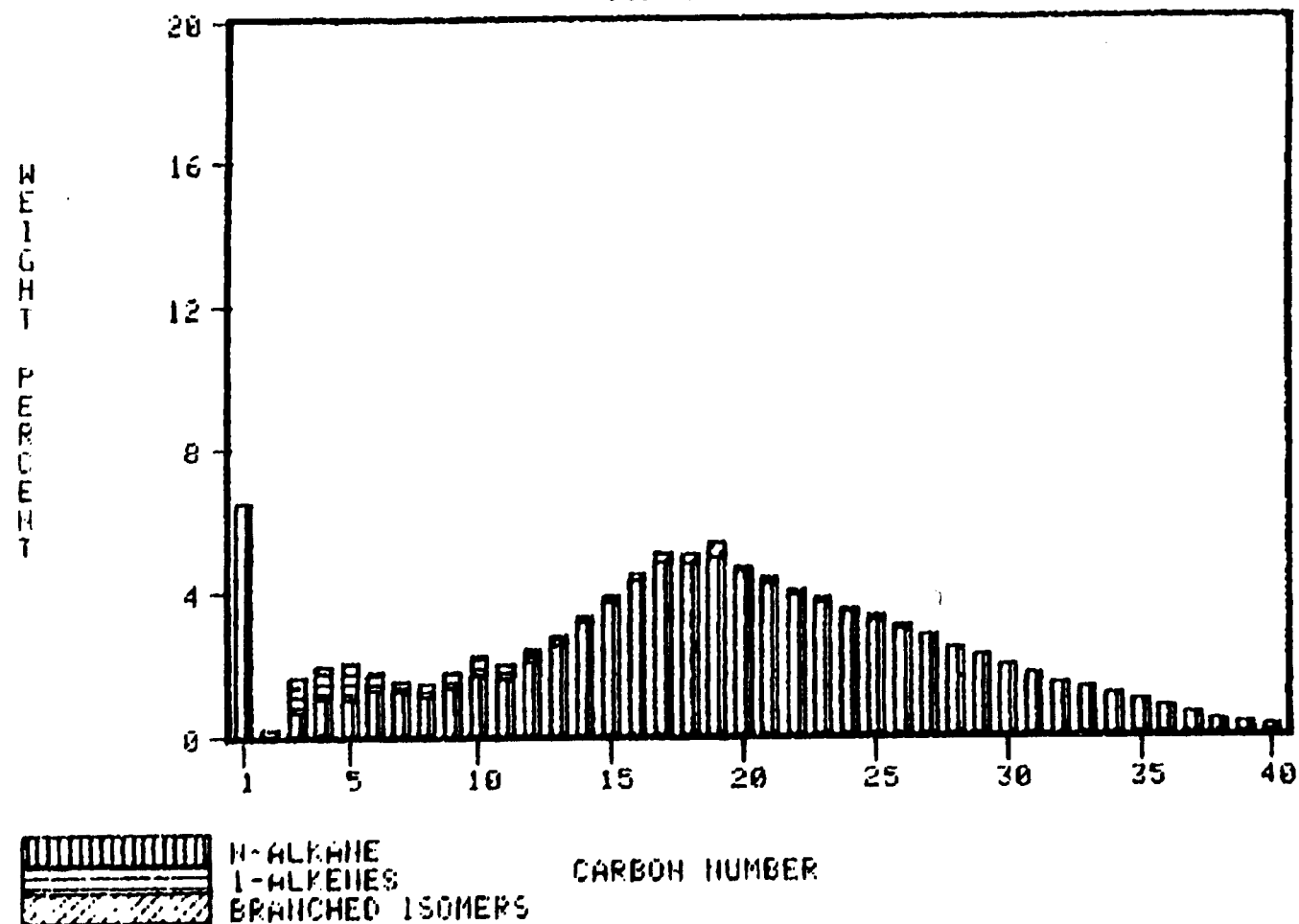


FIGURE 6

HYDROCARBON WEIGHT DISTRIBUTION

8862-16-37-12

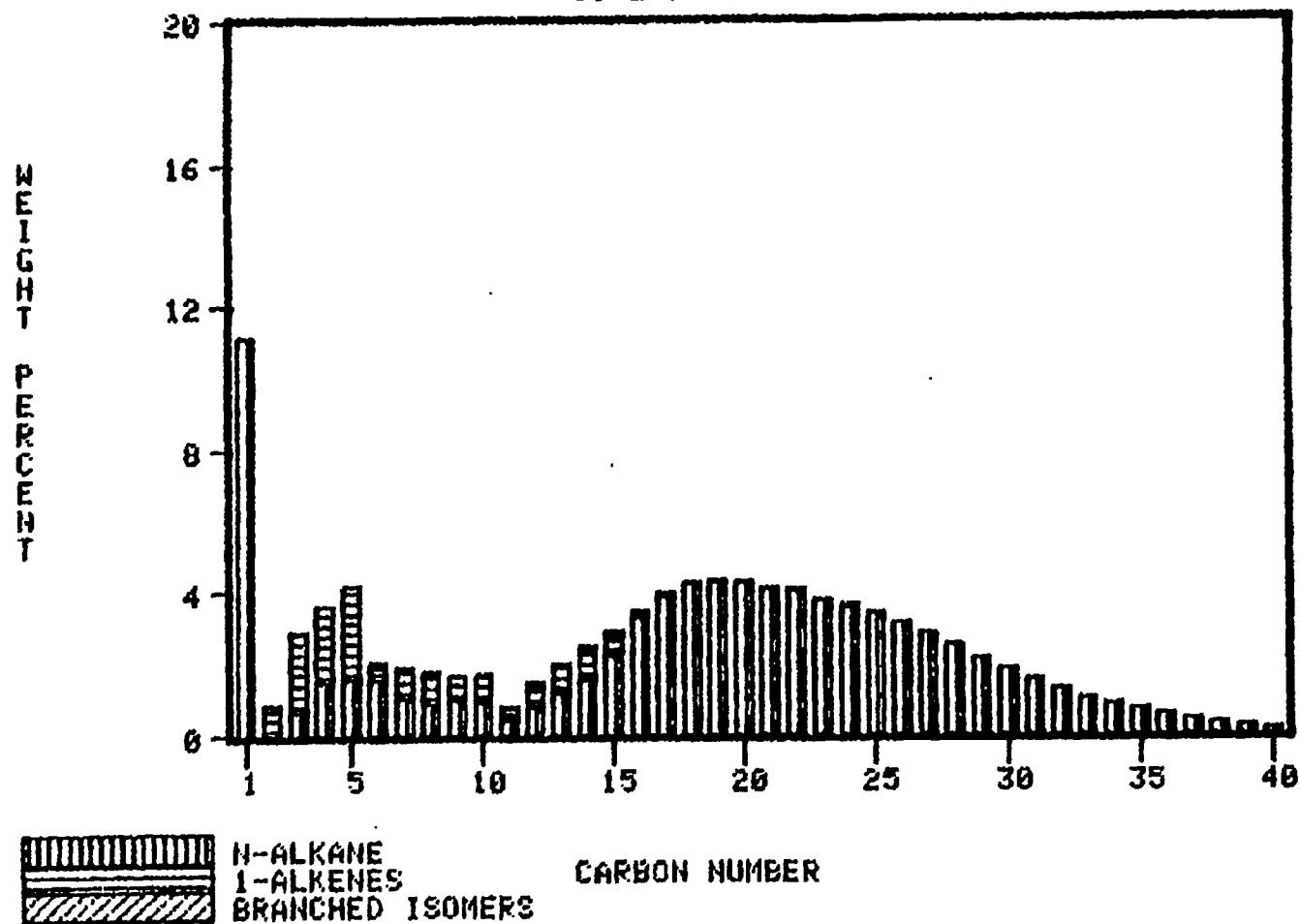


FIGURE 7

HYDROCARBON WEIGHT DISTRIBUTION

8862-16-37-15

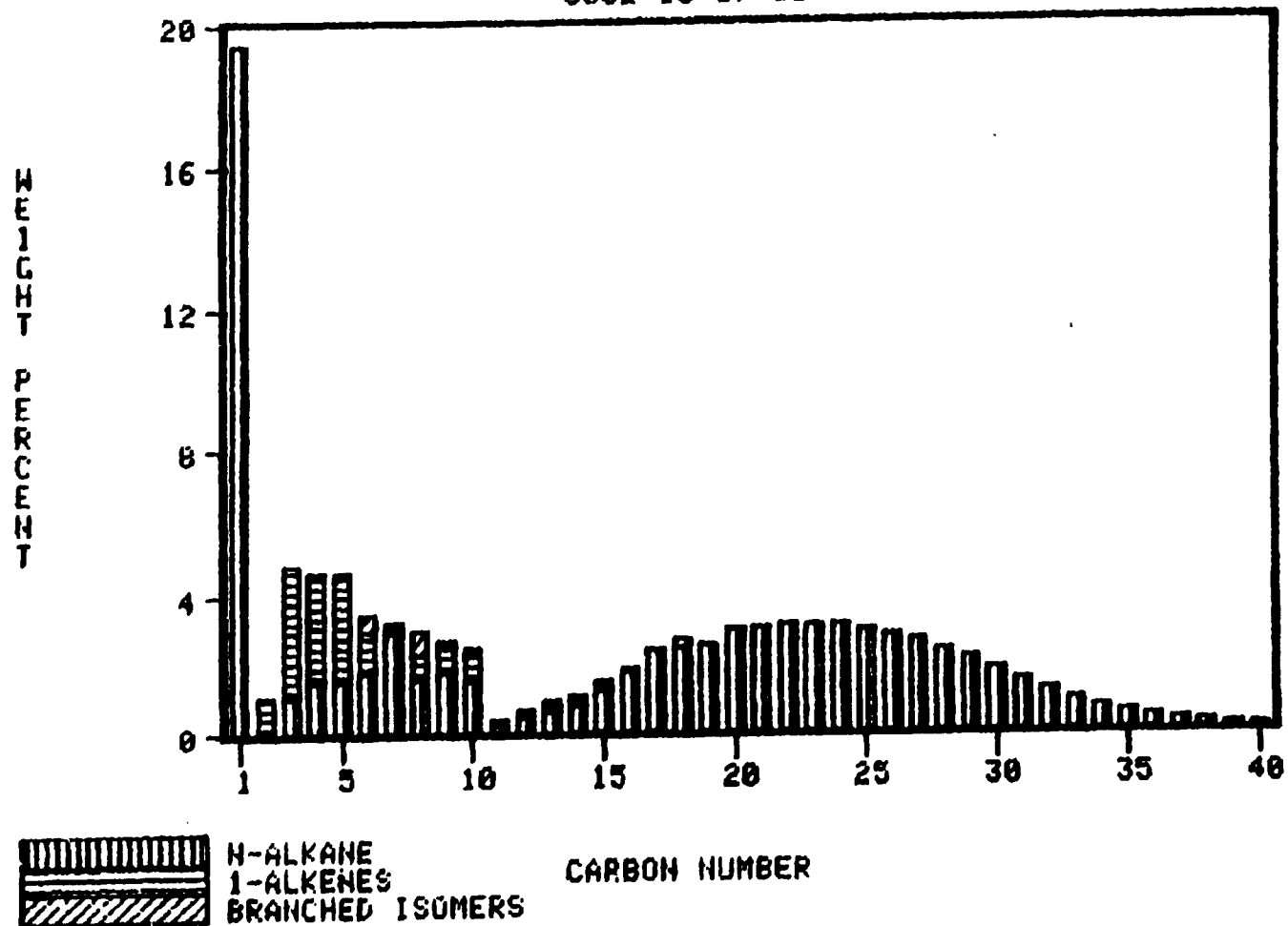


FIGURE 8
HYDROCARBON WEIGHT DISTRIBUTION
8862-16-37-18

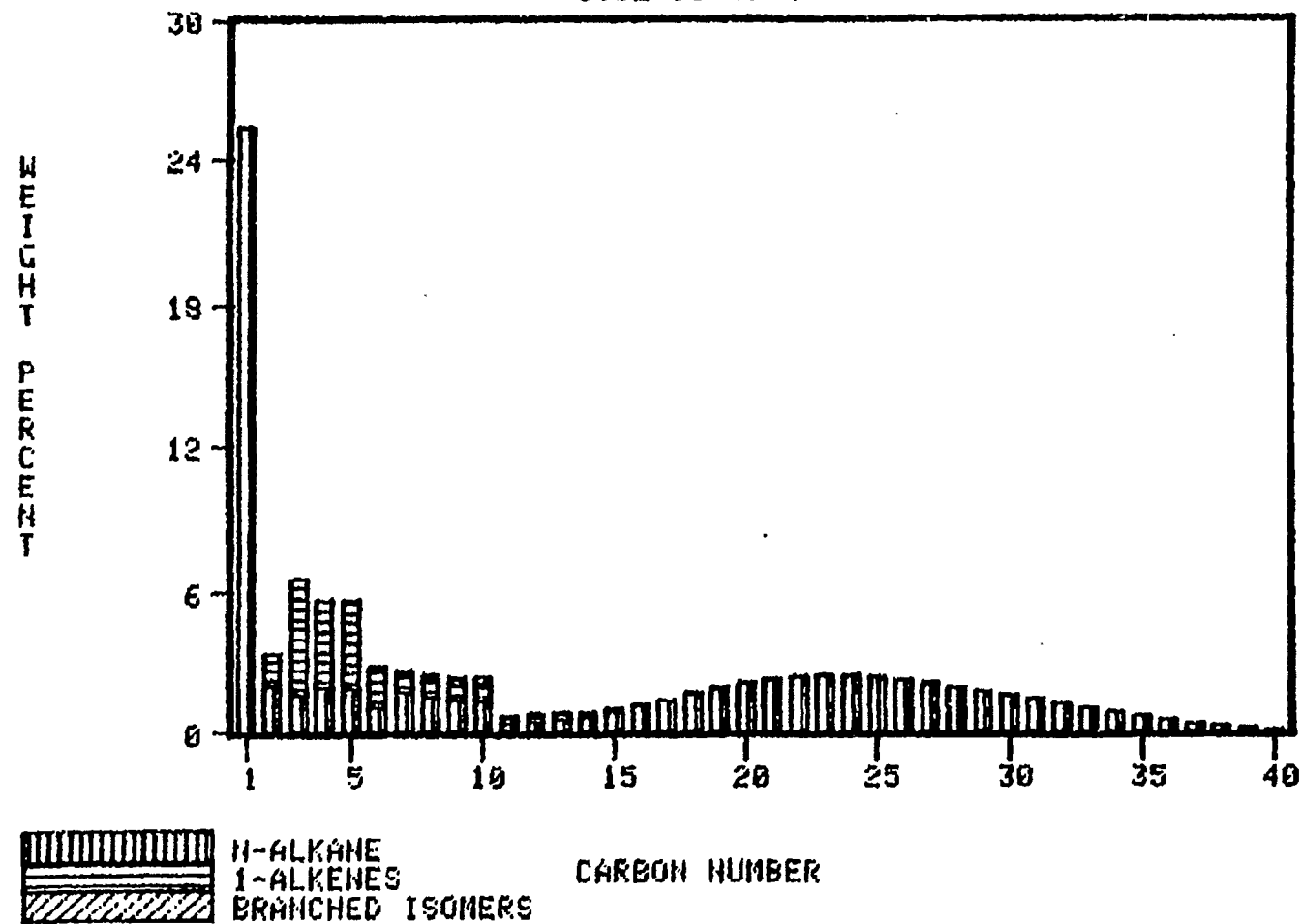


FIGURE 9

HYDROCARBON WEIGHT DISTRIBUTION

8862-16-37-21

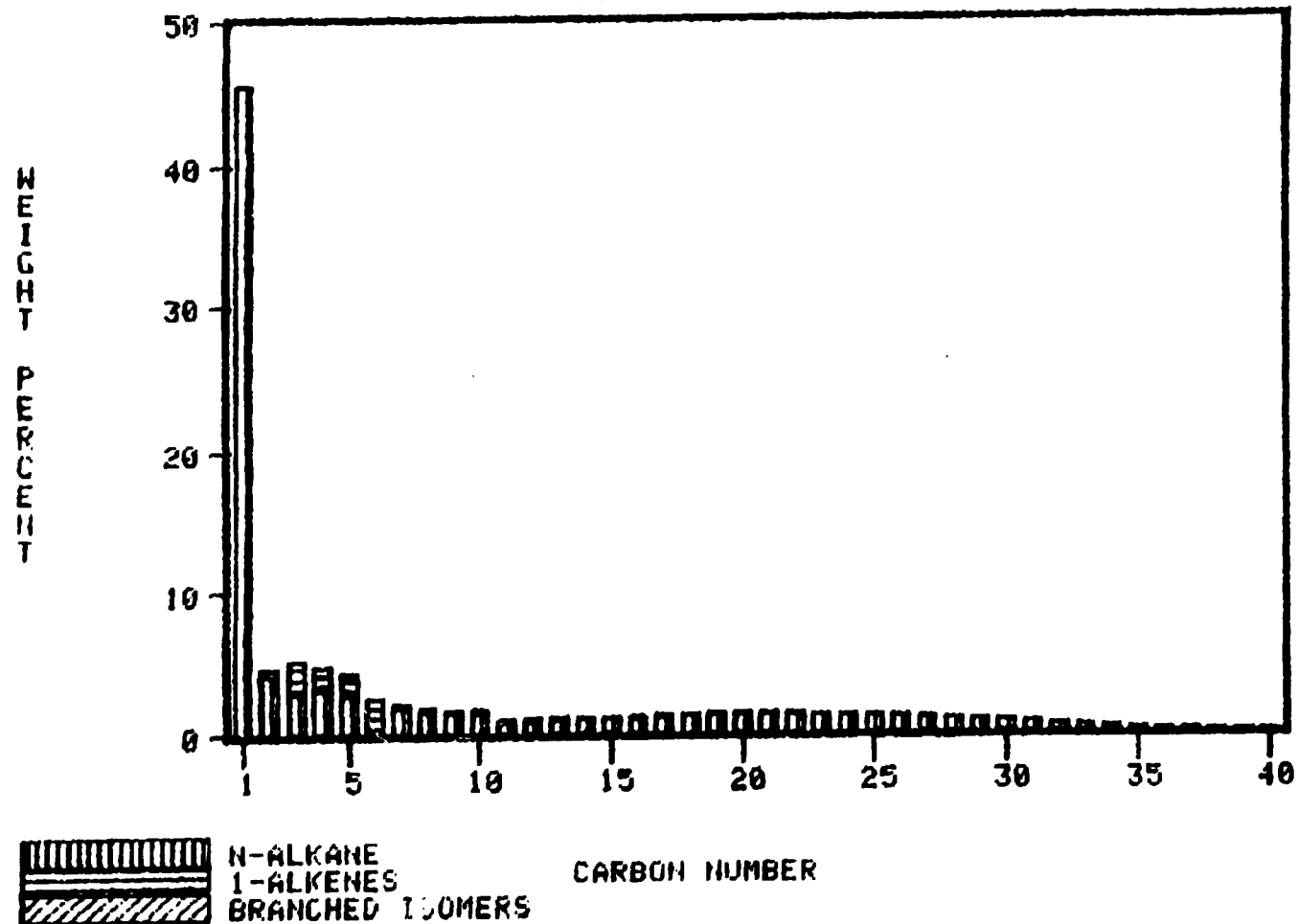


FIGURE 10

HYDROCARBON WEIGHT DISTRIBUTION

8862-16-37-24

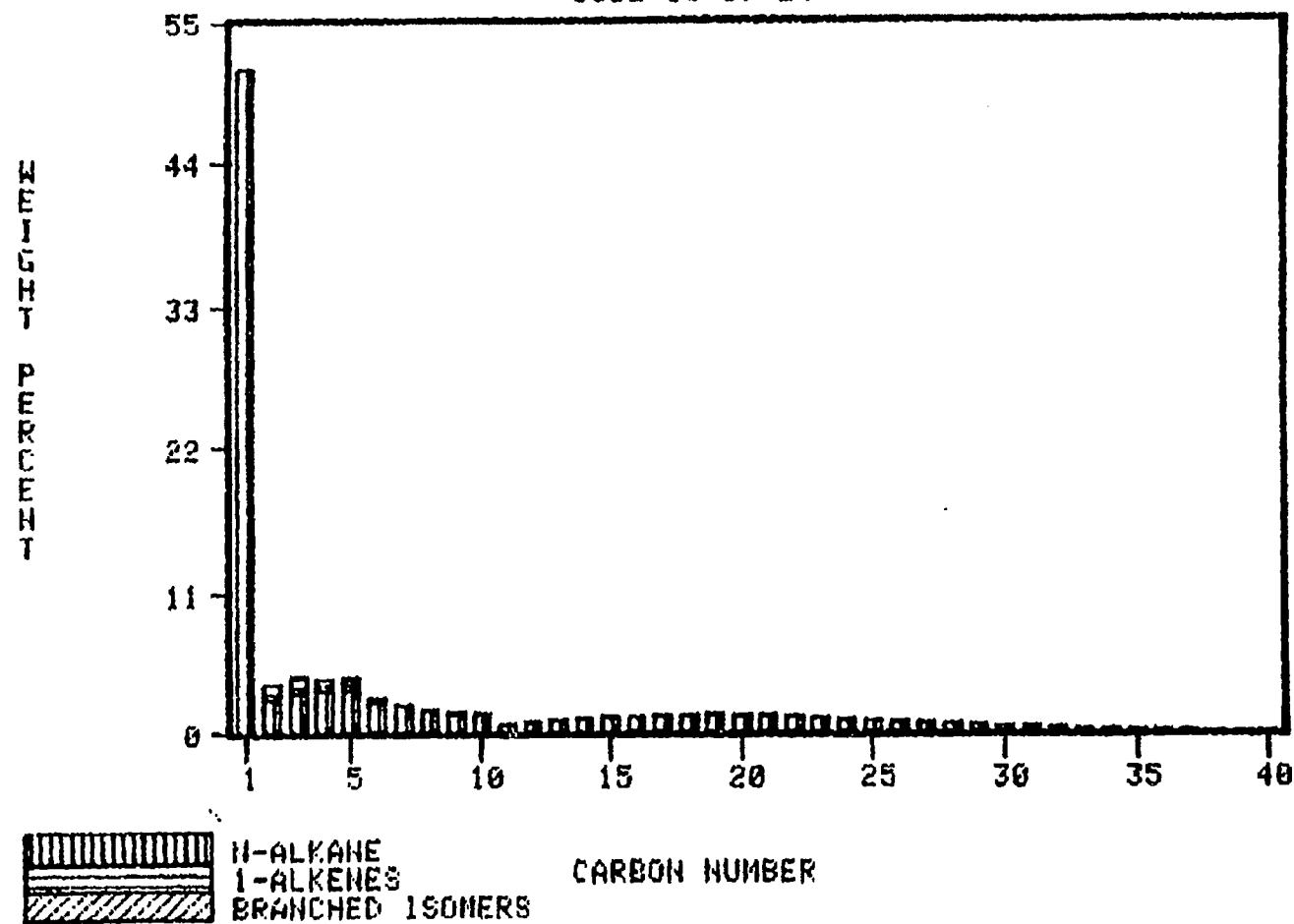


FIGURE 11

HYDROCARBON WEIGHT DISTRIBUTION

8862-16-37-27

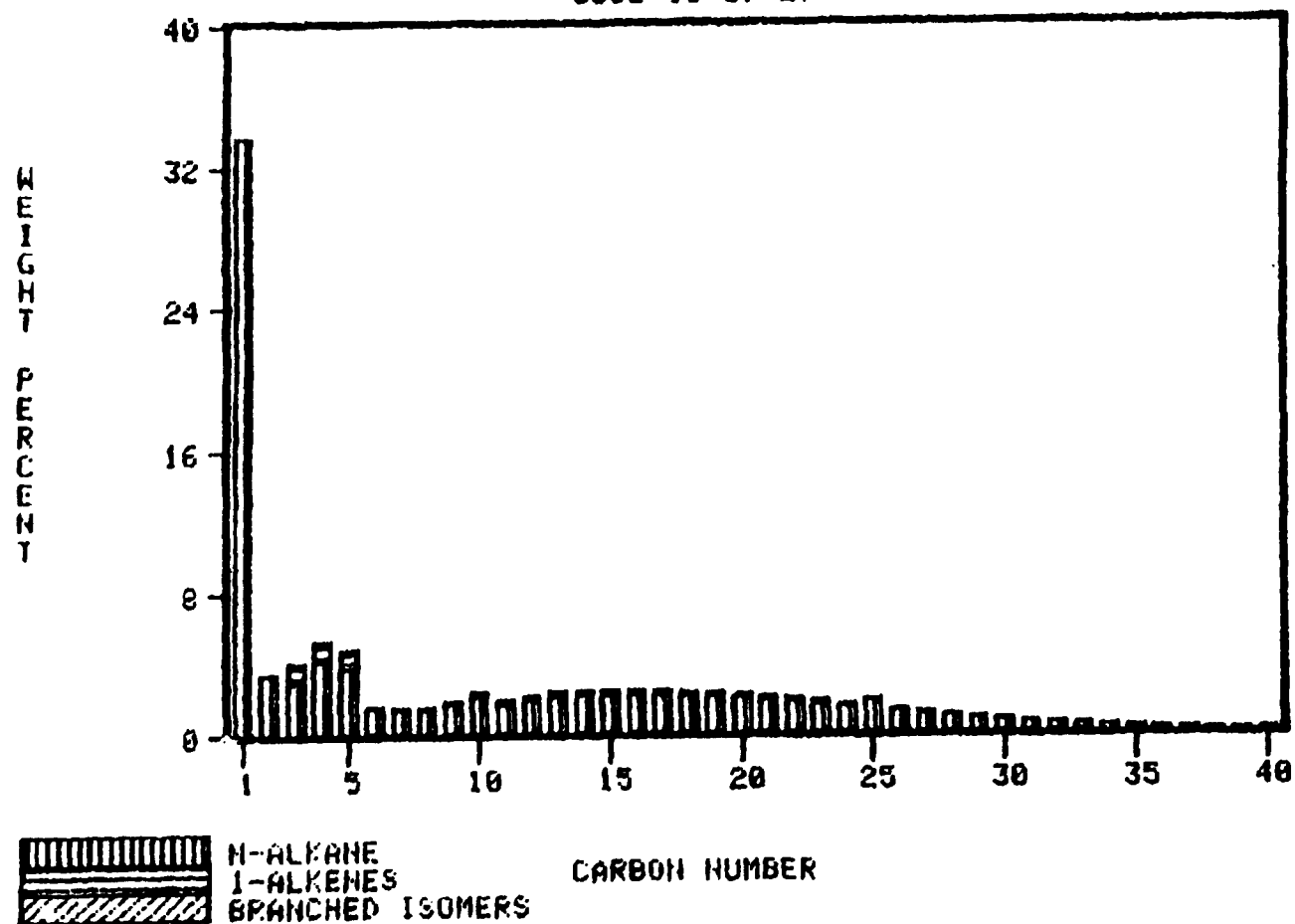


FIGURE 12

HYDROCARBON WEIGHT DISTRIBUTION

8862-16-37-38

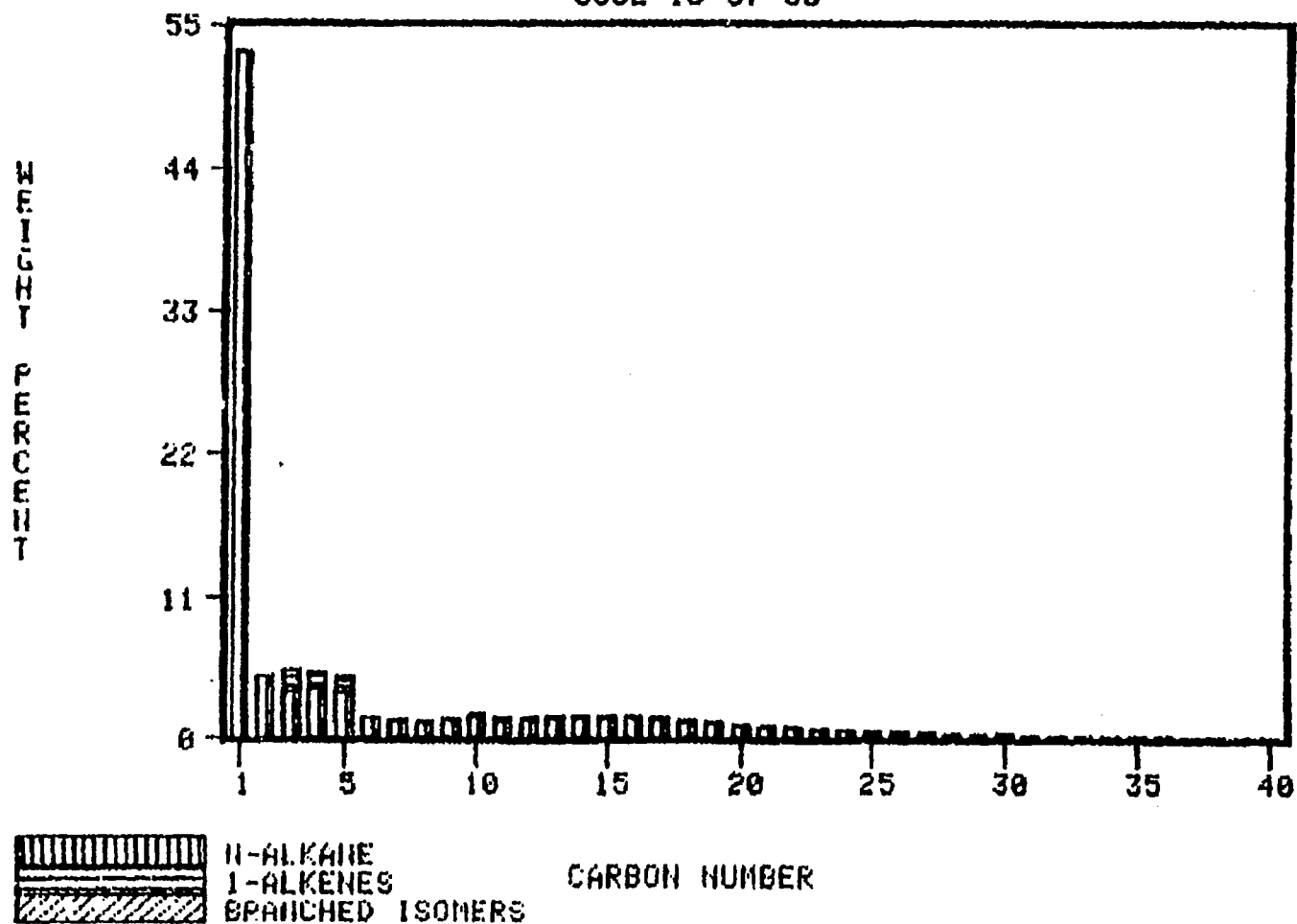


FIGURE 13
HYDROCARBON WEIGHT DISTRIBUTION
8862-41-46-3

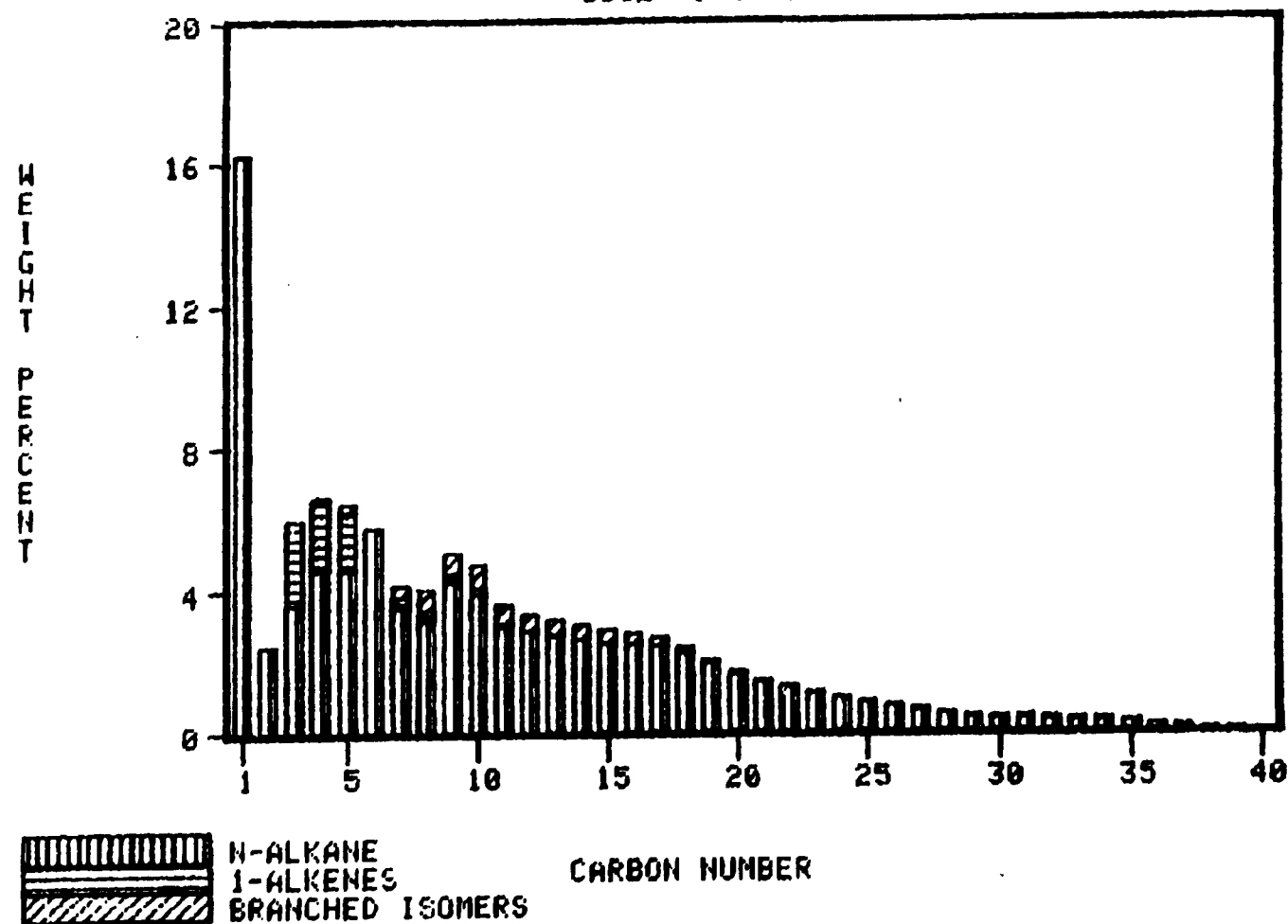


FIGURE 14
HYDROCARBON WEIGHT DISTRIBUTION
8862-41-46-6

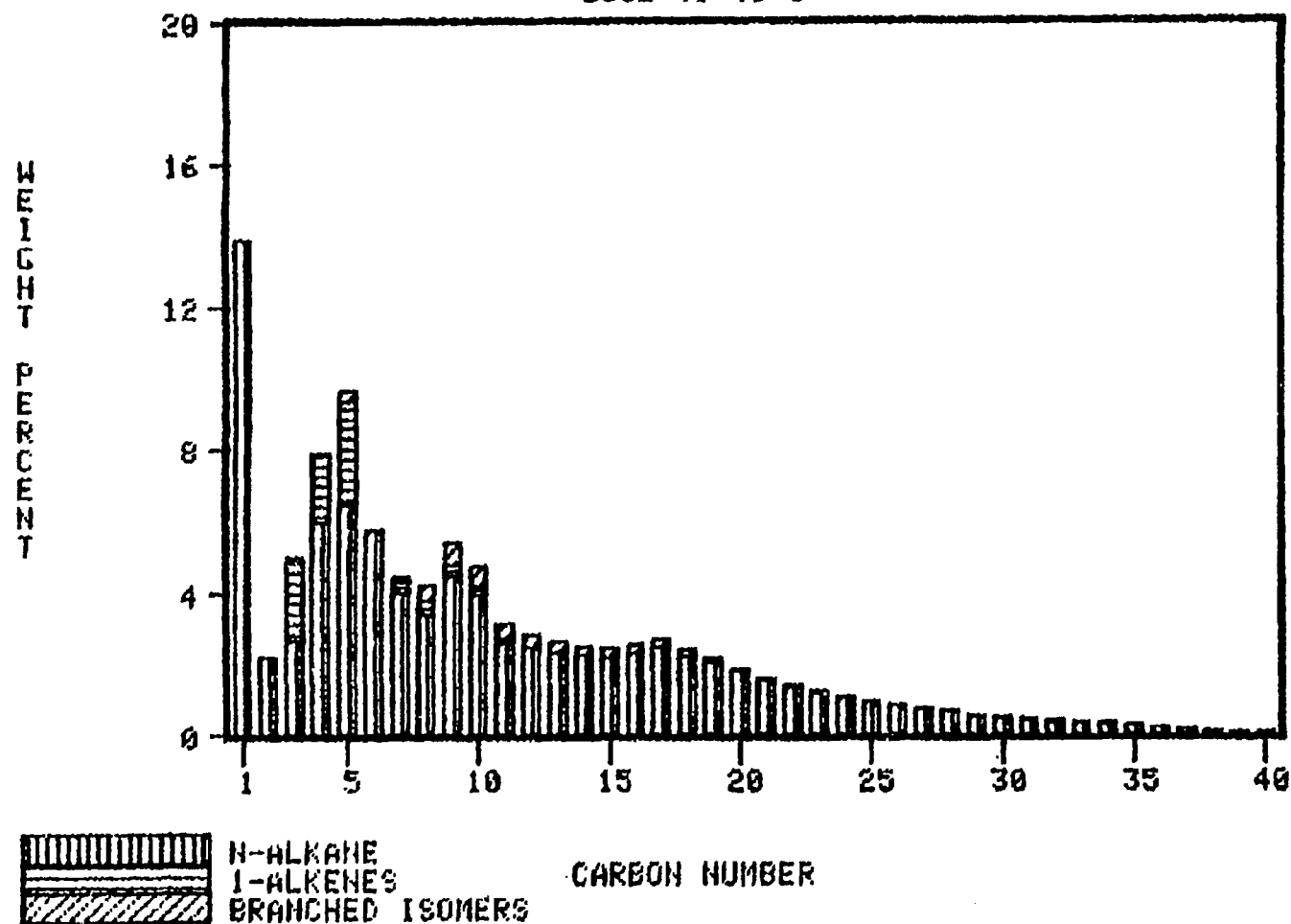


FIGURE 15
HYDROCARBON WEIGHT DISTRIBUTION
8862-41-46-9

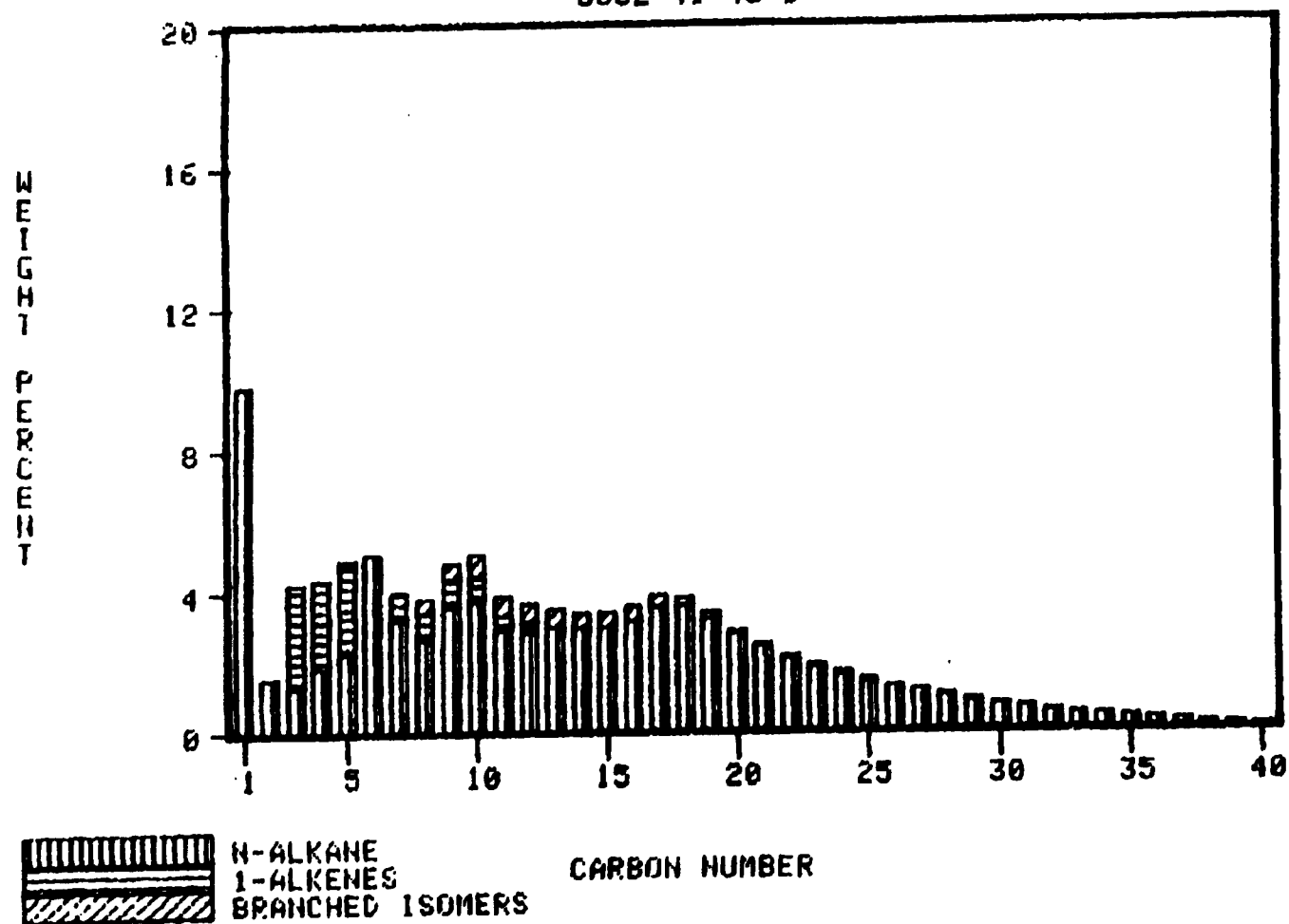


Figure 16
HYDROCARBON WEIGHT DISTRIBUTION
8862-41-46-12

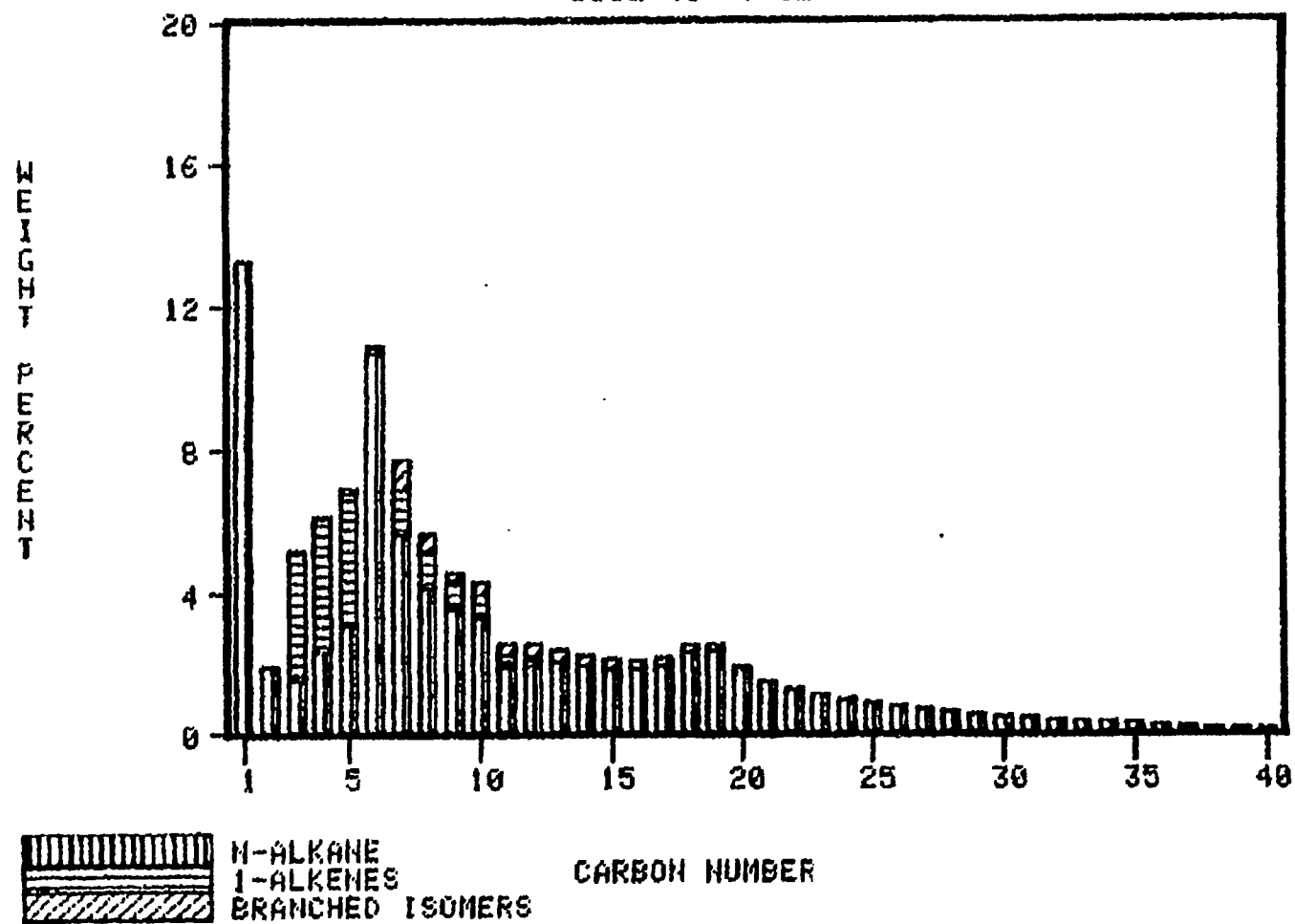


Figure 17
HYDROCARBON WEIGHT DISTRIBUTION
8862-41-46-15

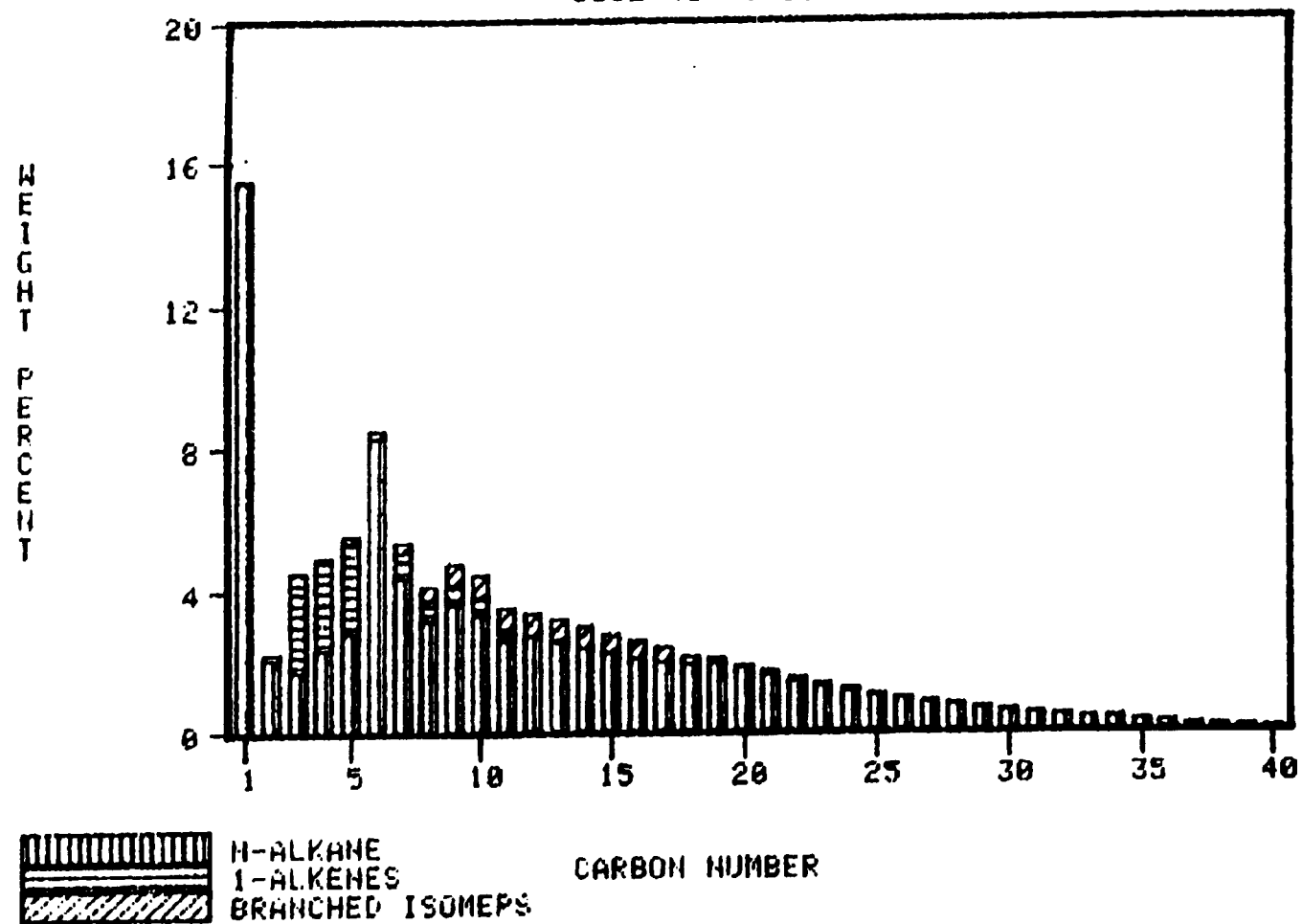


Figure 18
HYDROCARBON WEIGHT DISTRIBUTION
8862-41-46-18

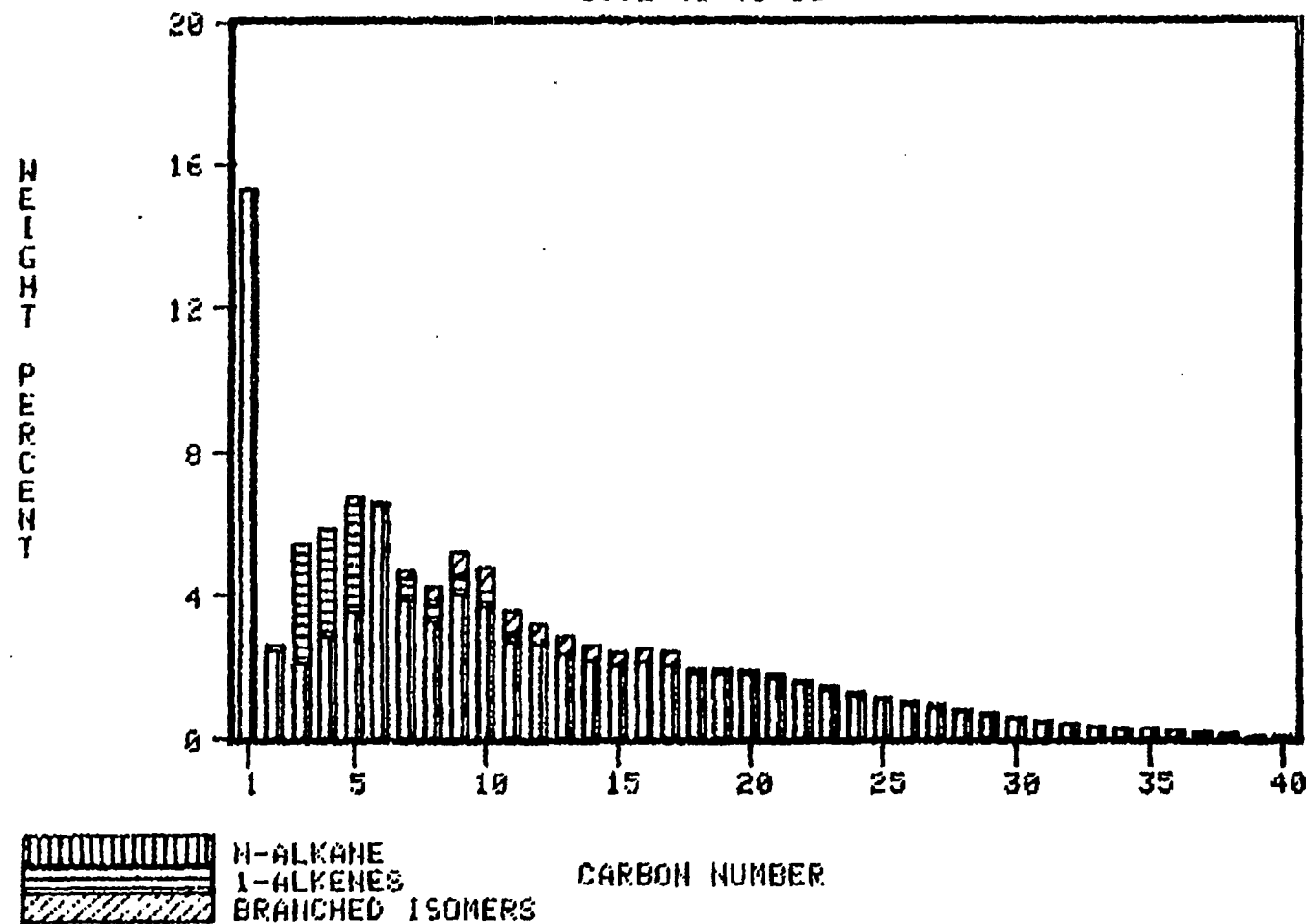


Figure 19

HYDROCARBON WEIGHT DISTRIBUTION

8862-41-46-21

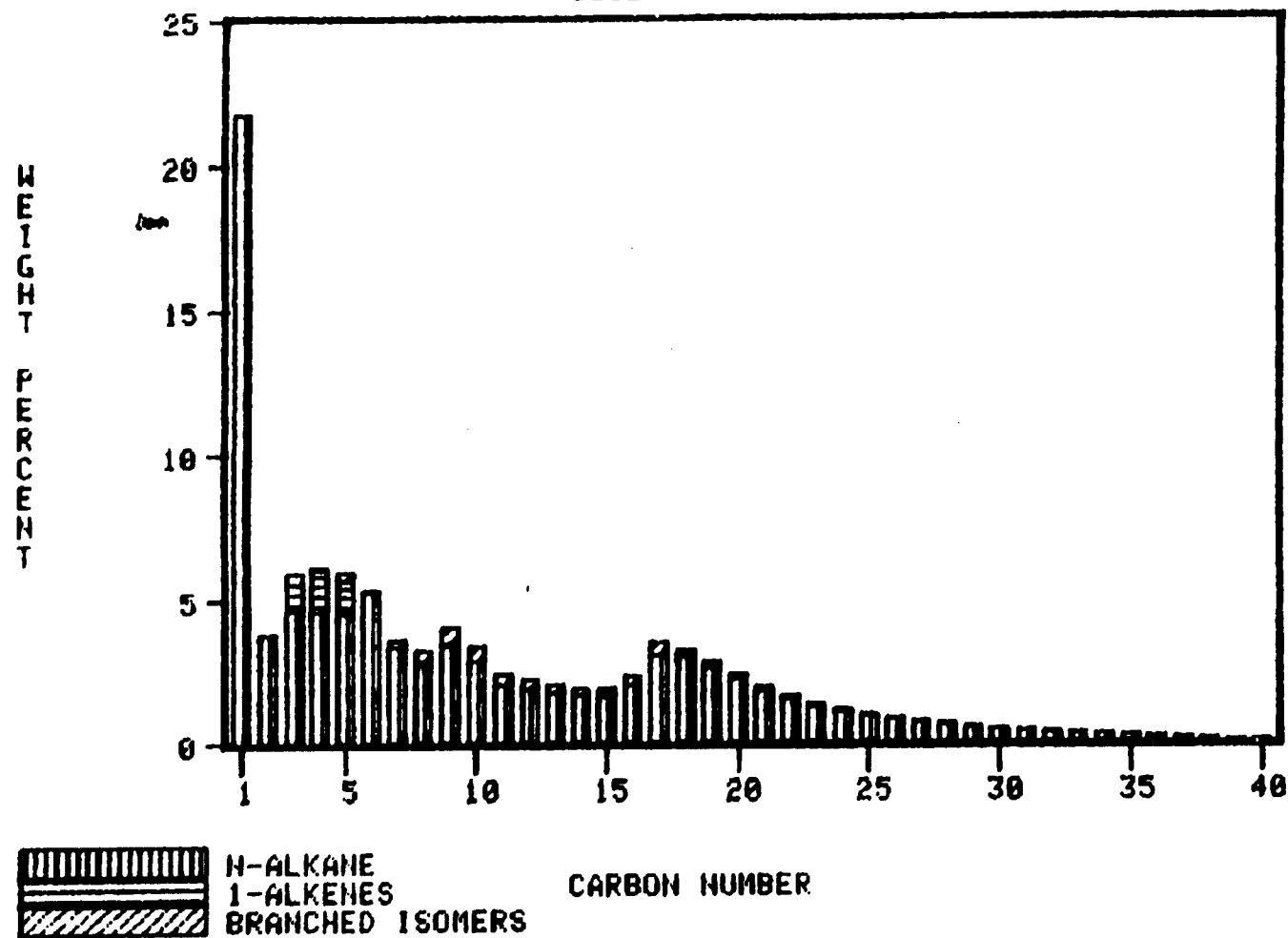


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HYDROCARBON WEIGHT DISTRIBUTION
8862-41-46-24

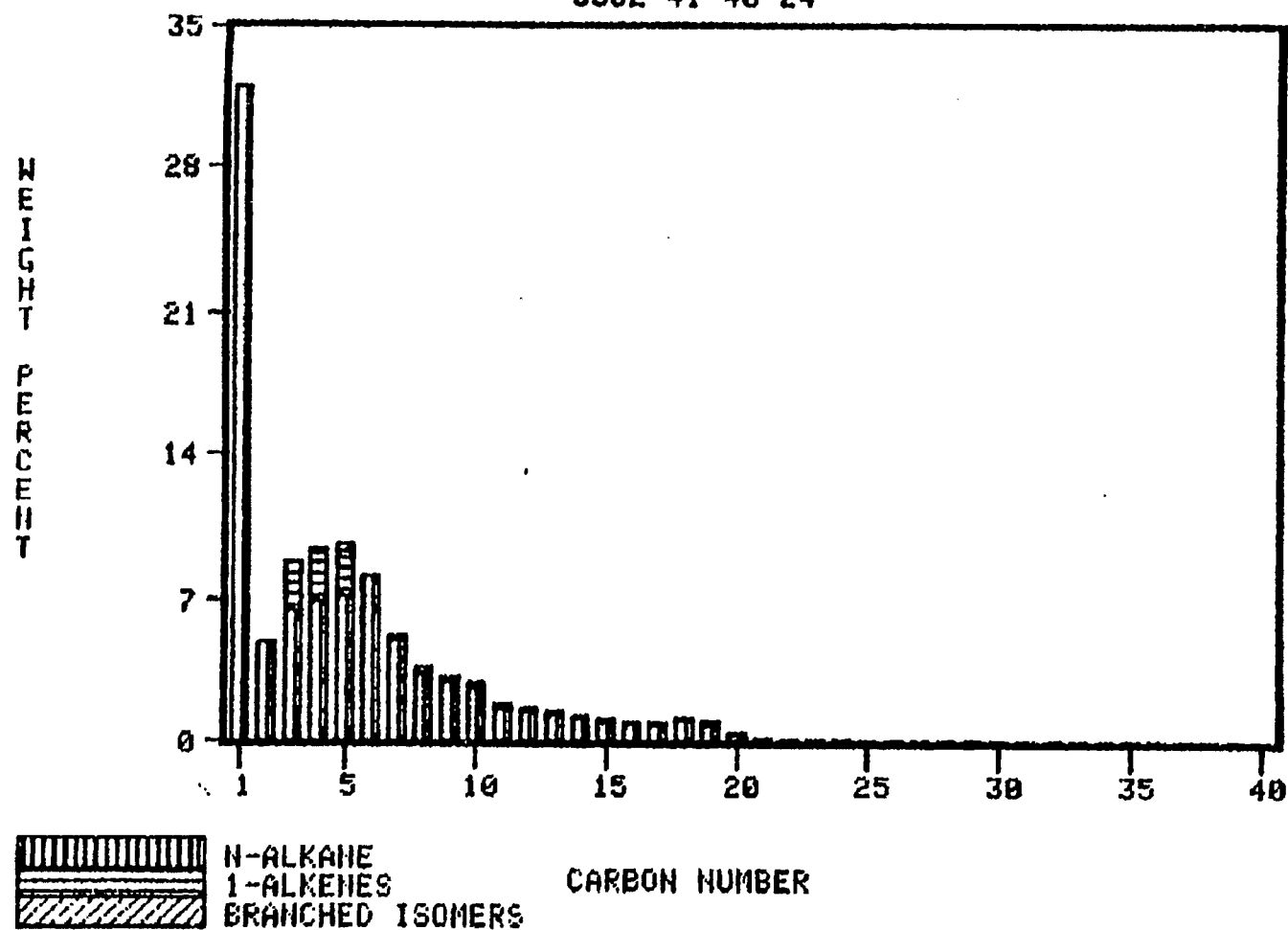


Figure 21

HYDROCARBON WEIGHT DISTRIBUTION

8862-41-46-27

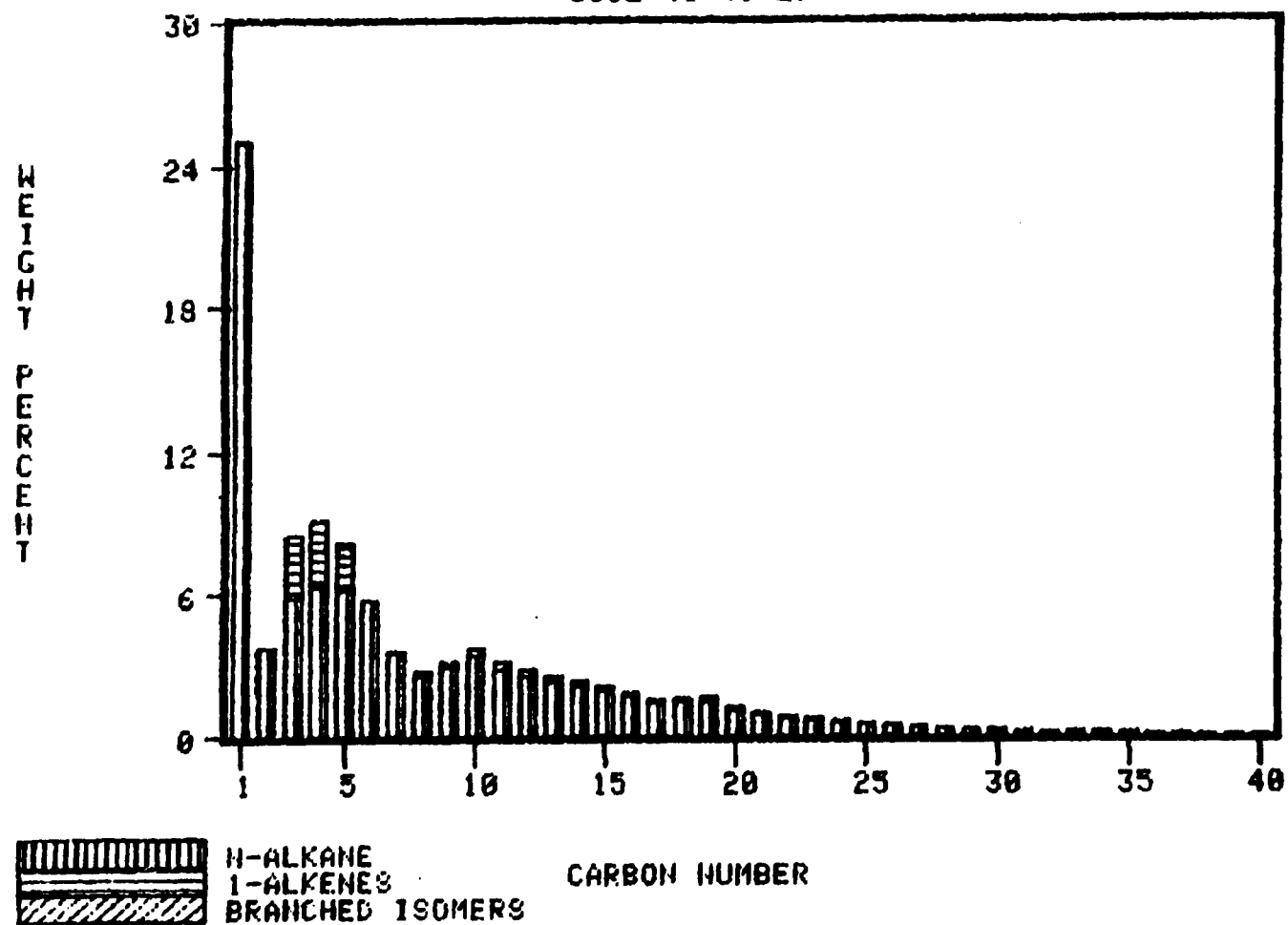


Figure 22

HYDROCARBON WEIGHT DISTRIBUTION

8862-41-46-30

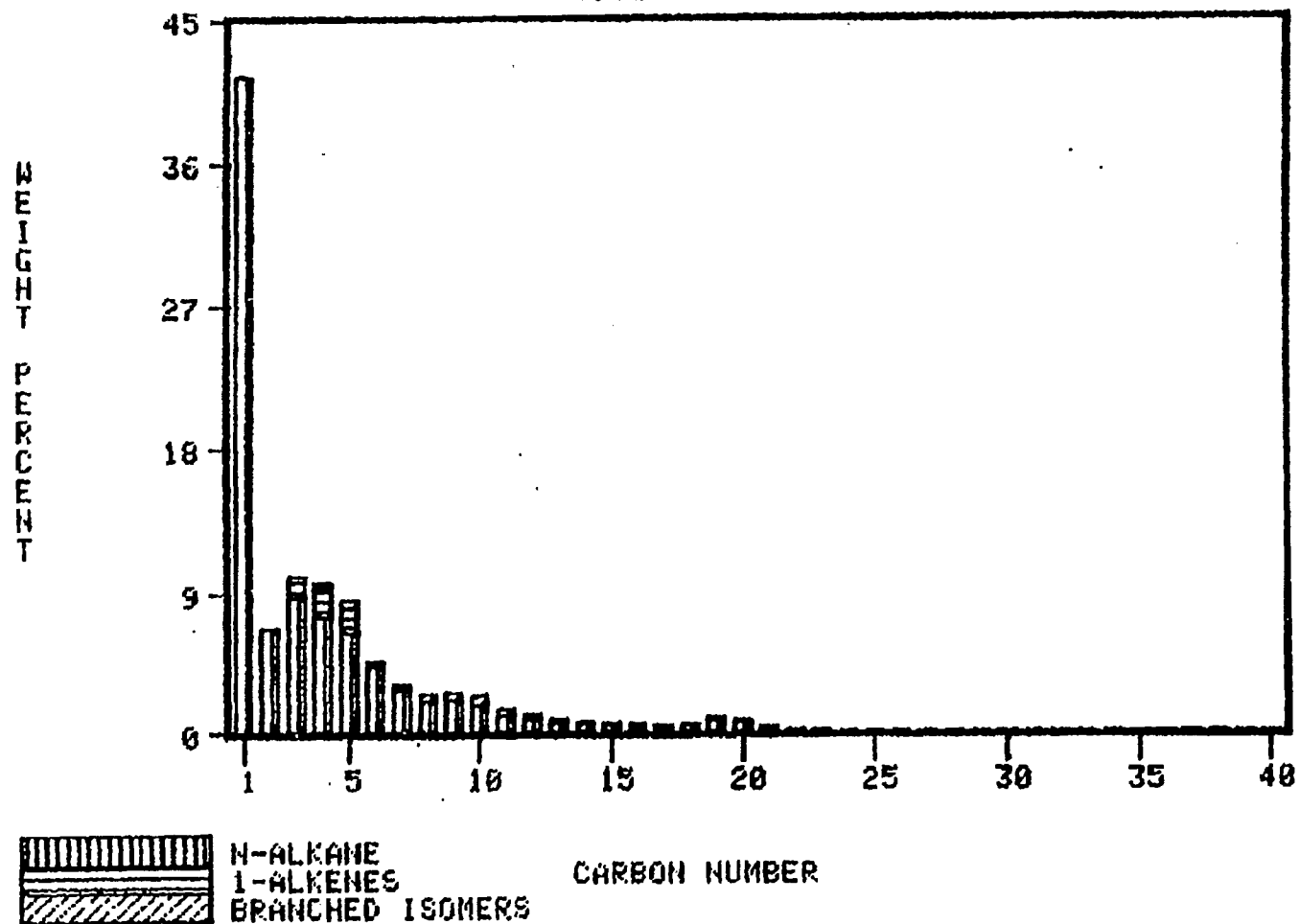


Figure 23

HYDROCARBON WEIGHT DISTRIBUTION

8862-41-46-33

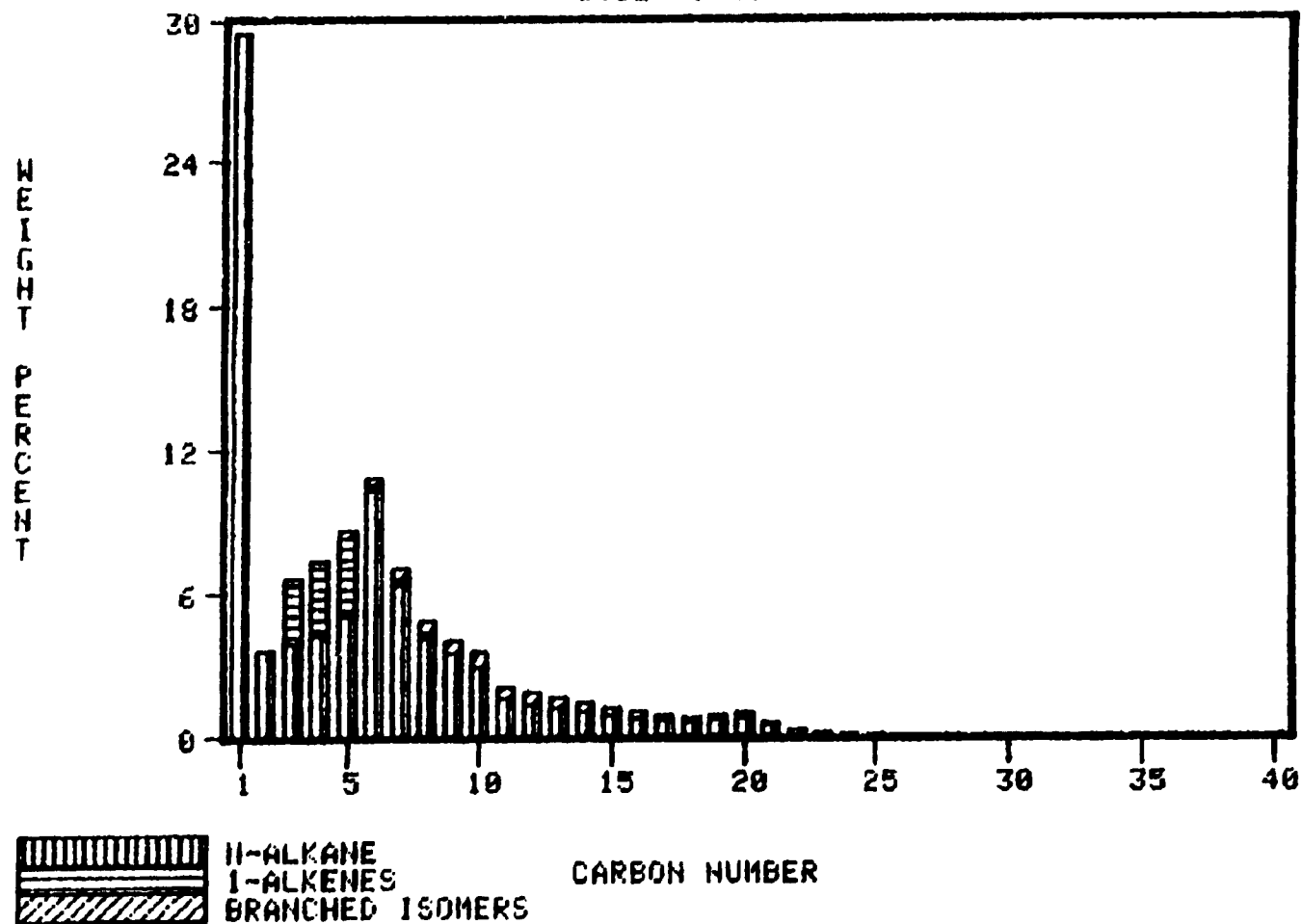


Figure 24

HYDROCARBON WEIGHT DISTRIBUTION

8862-1-31-16

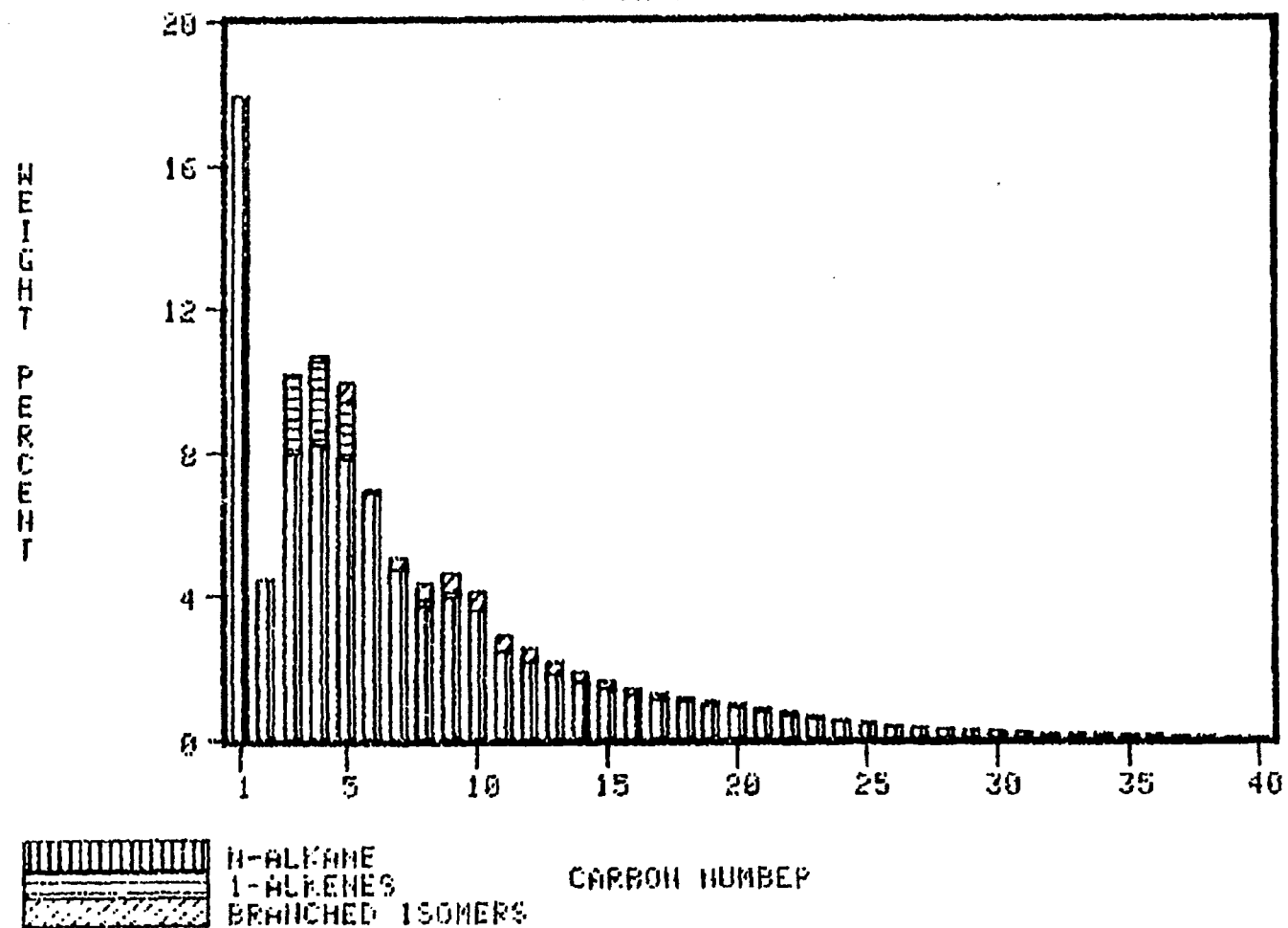


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HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-20

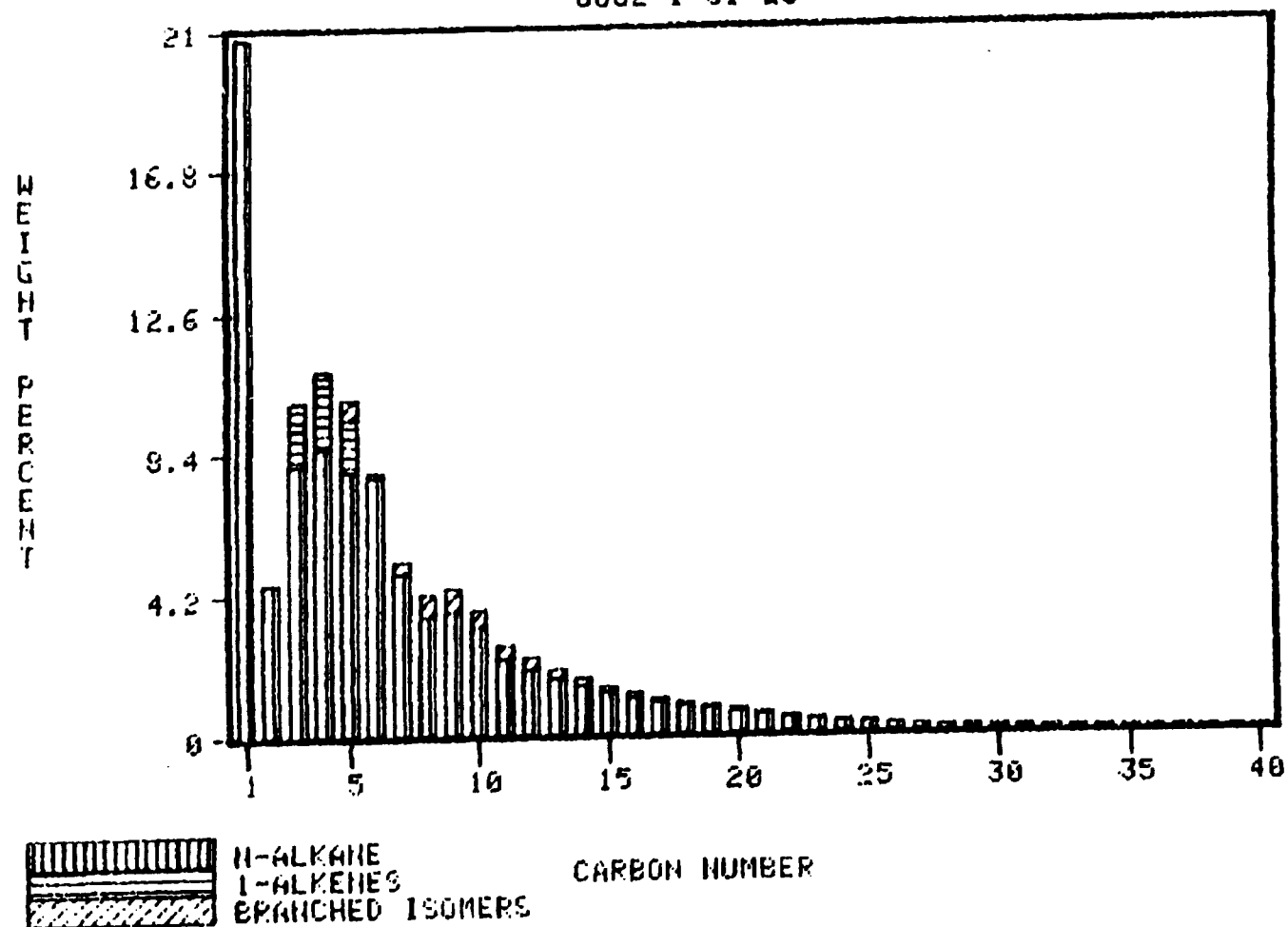


Figure 26
HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-23

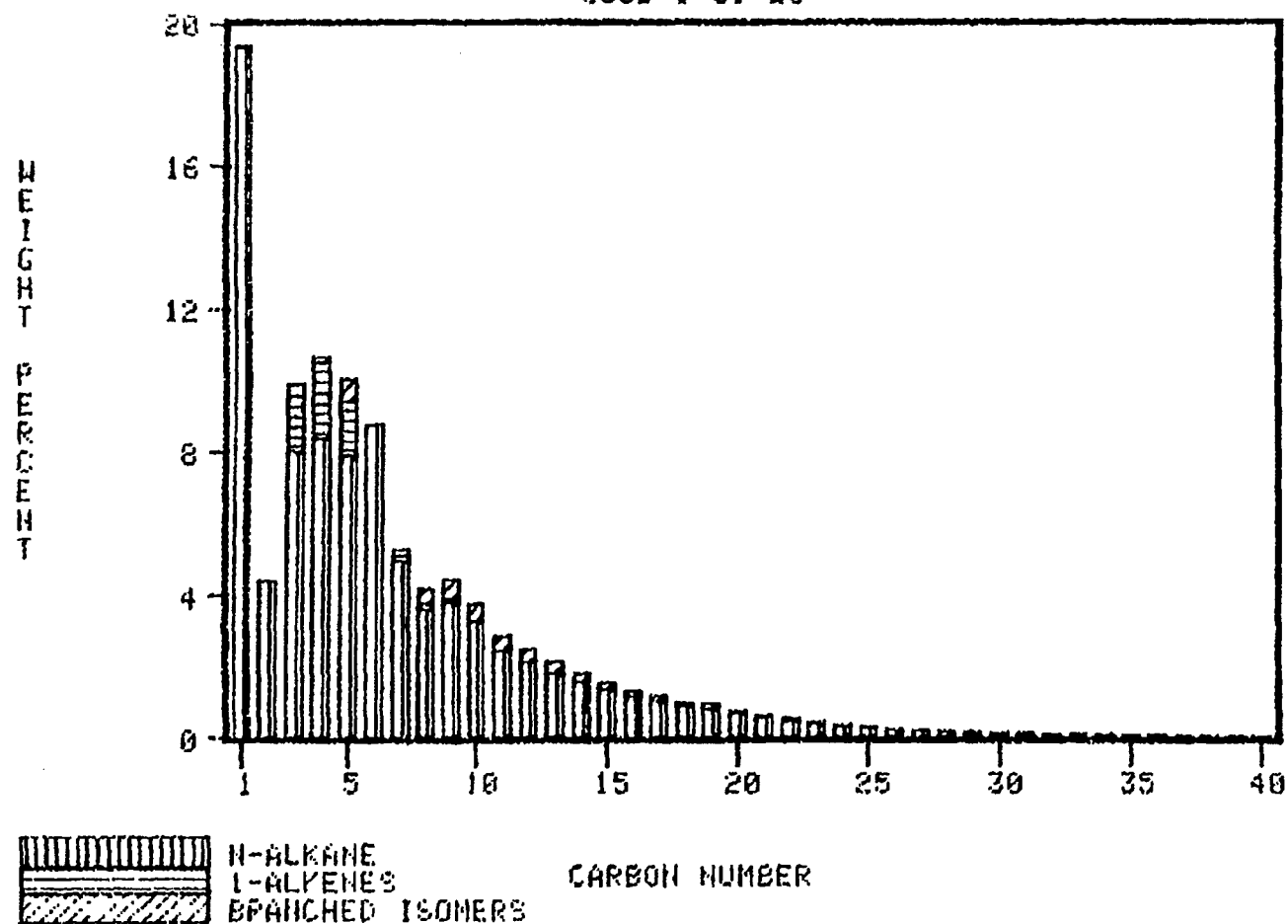


Figure 27
HYDROCARBON WEIGHT DISTRIBUTION

8862-1-31-31

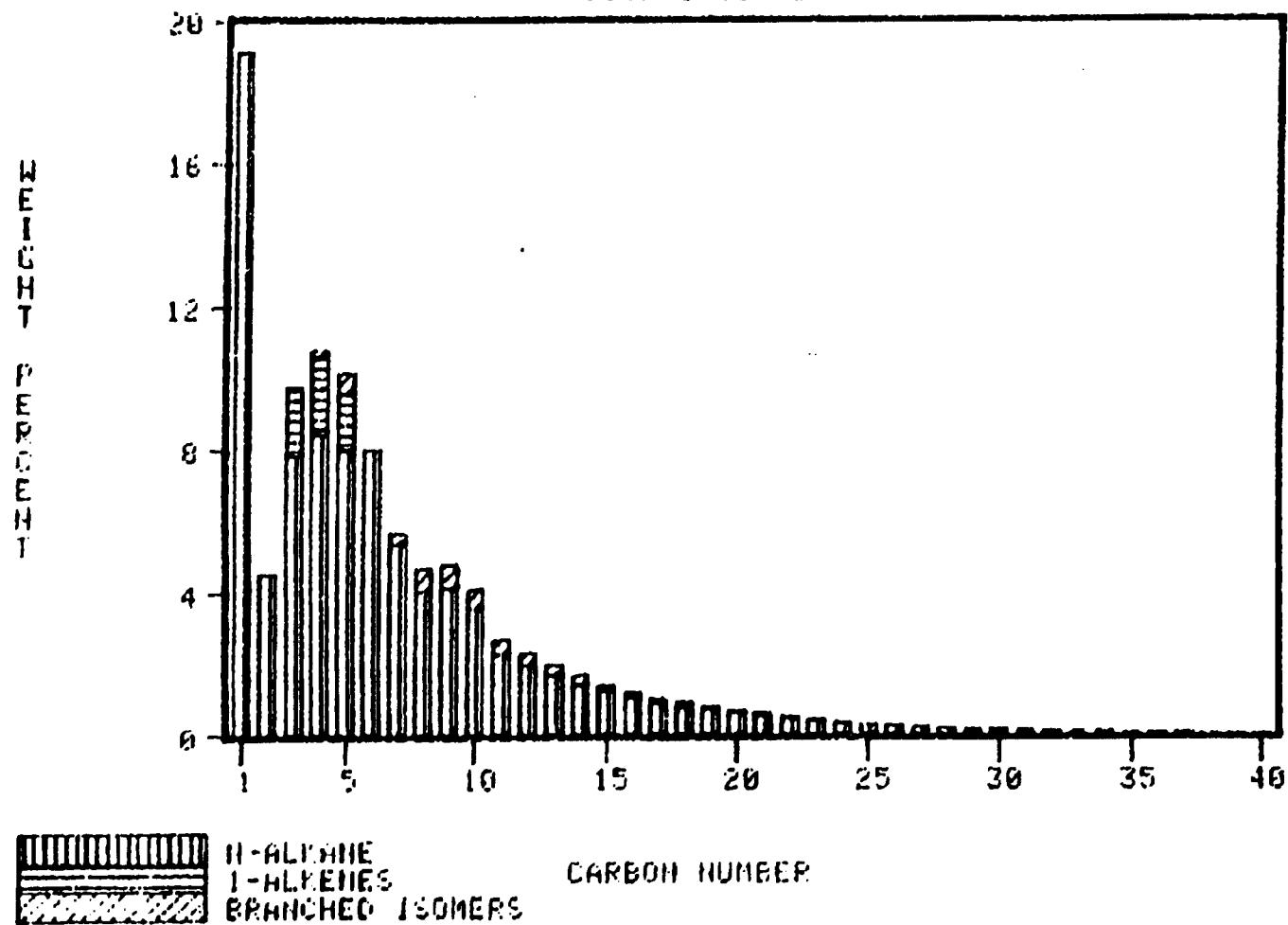


Figure 28
HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-34

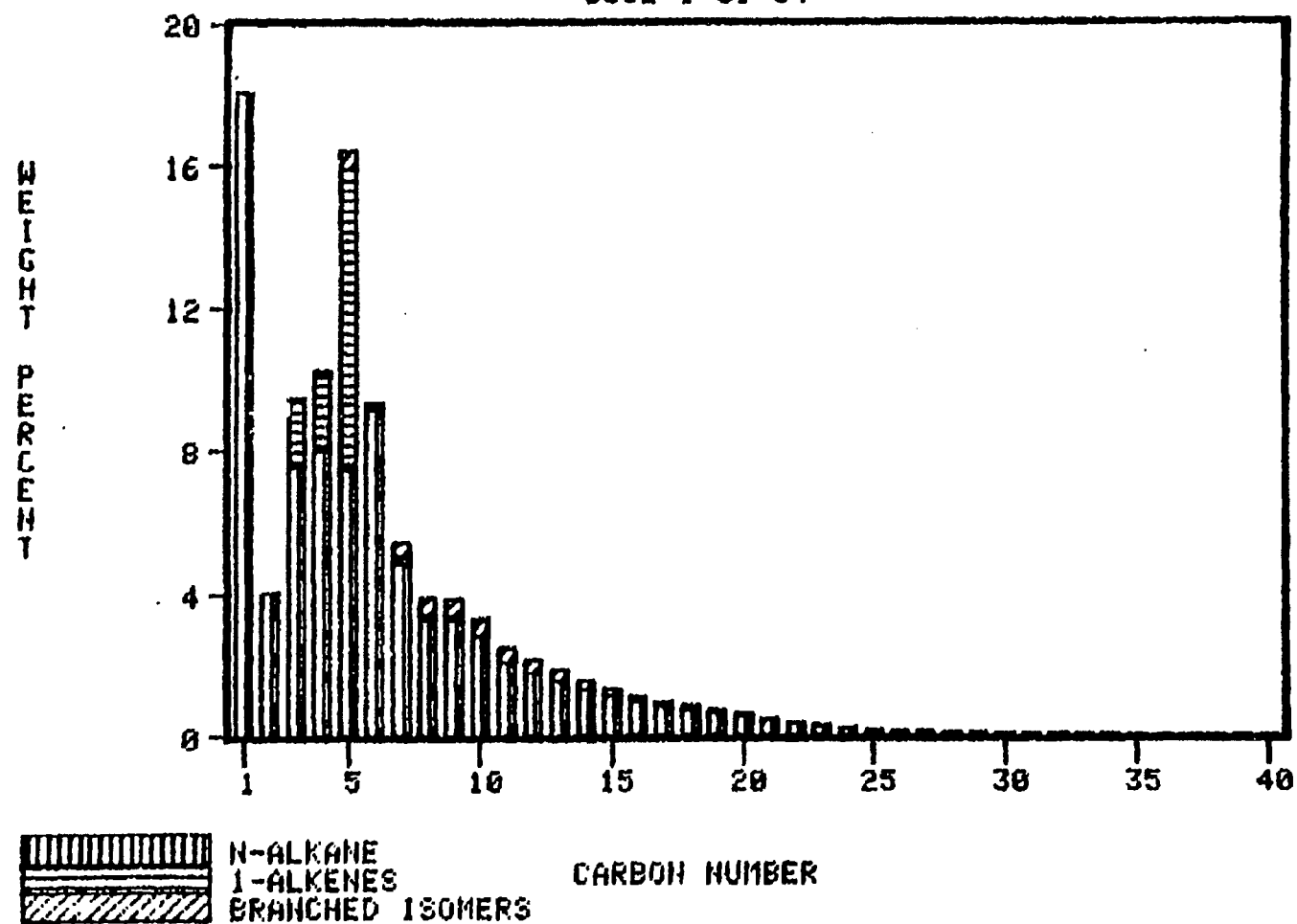


Figure 29
HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-38

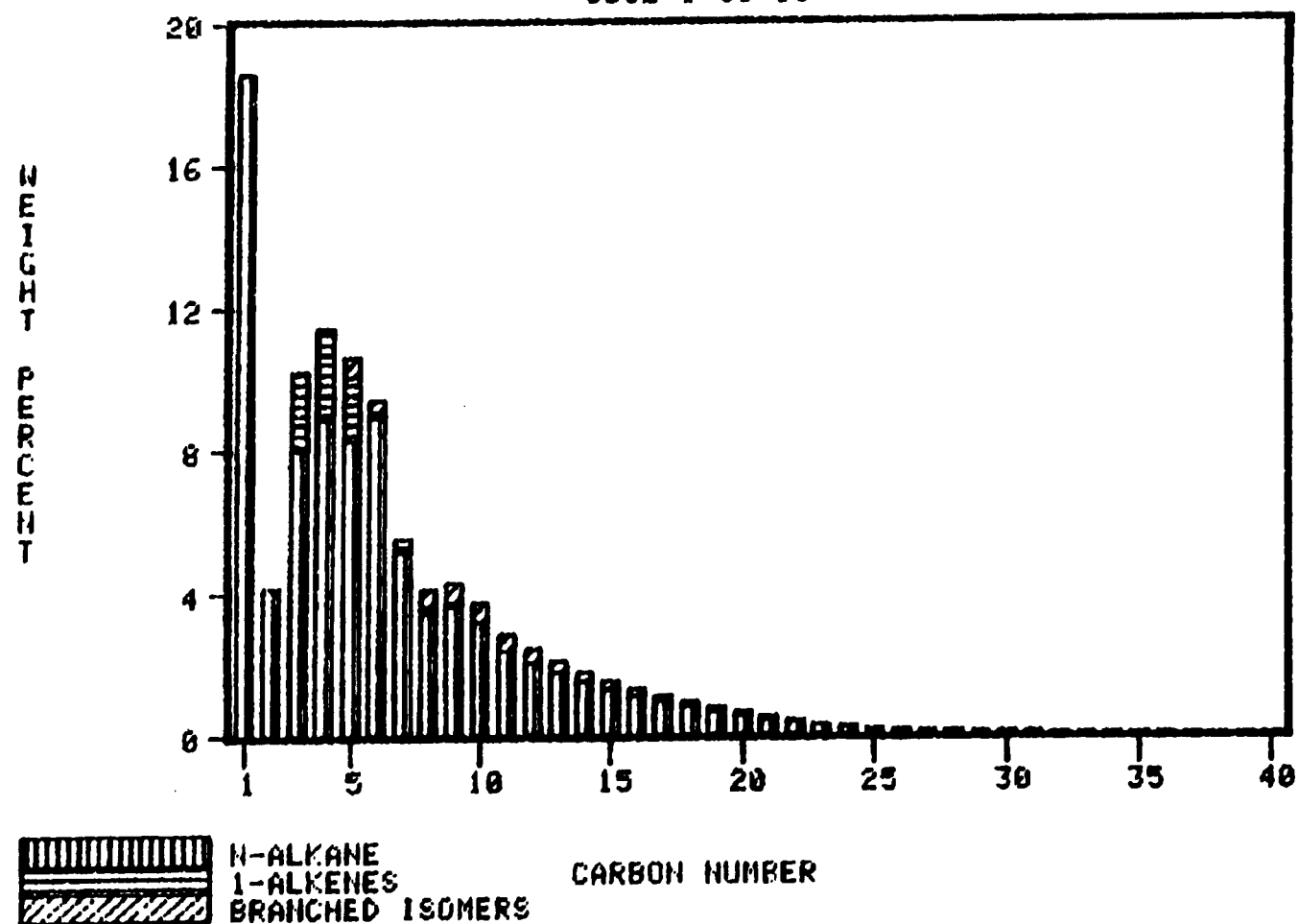


Figure 30

HYDROCARBON WEIGHT DISTRIBUTION

8862-1-31-41

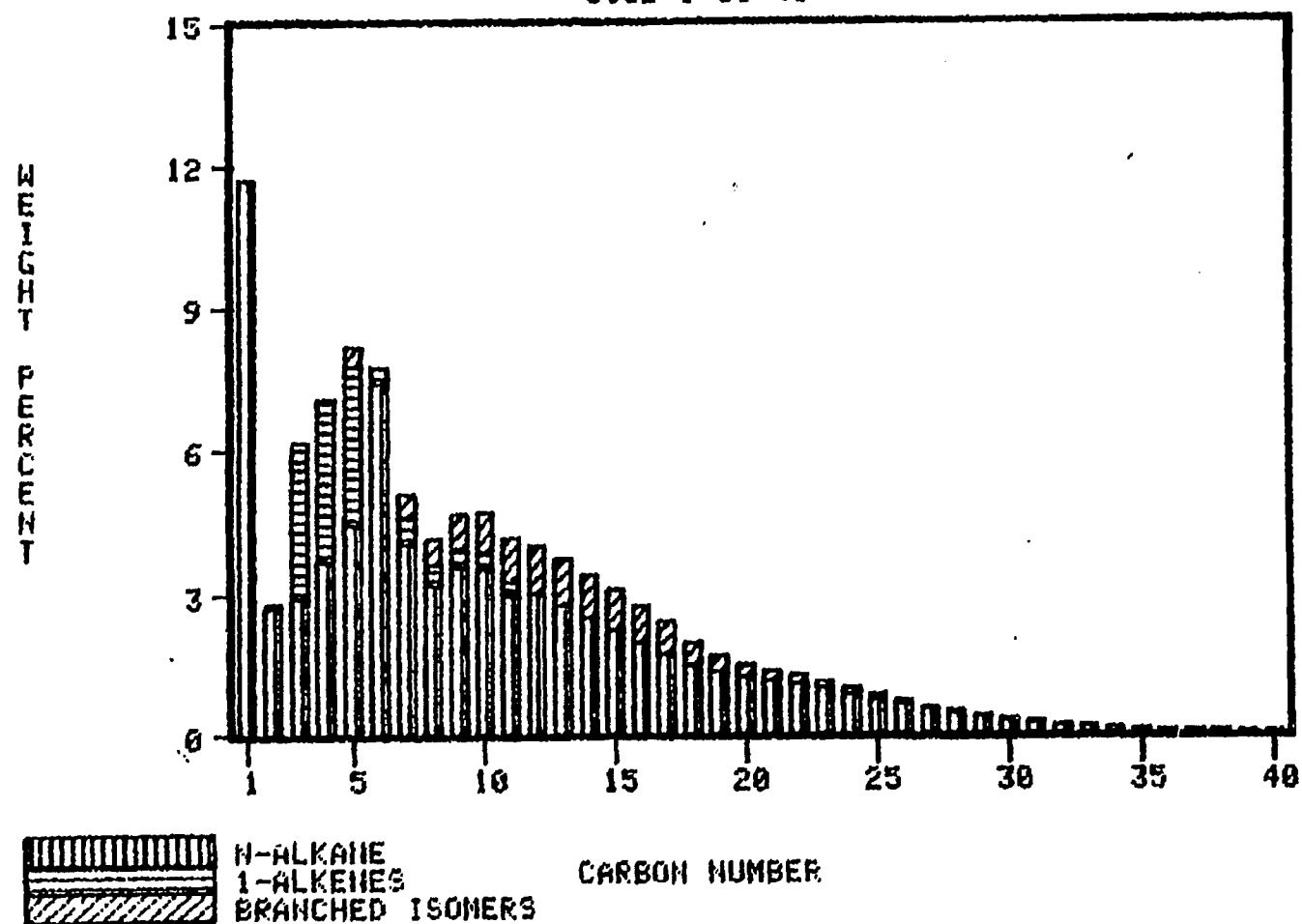


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HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-44

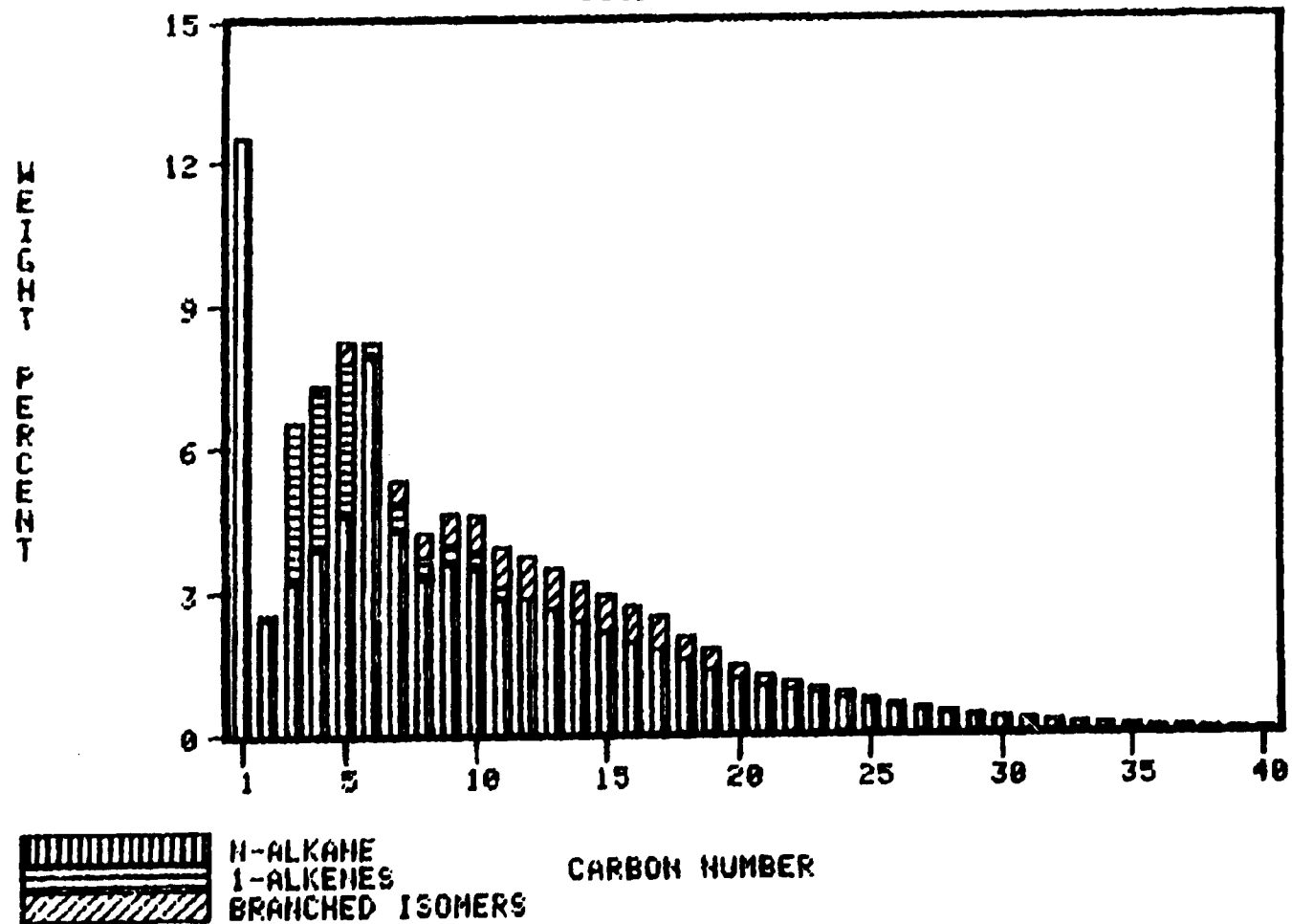


Figure 32
HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-47

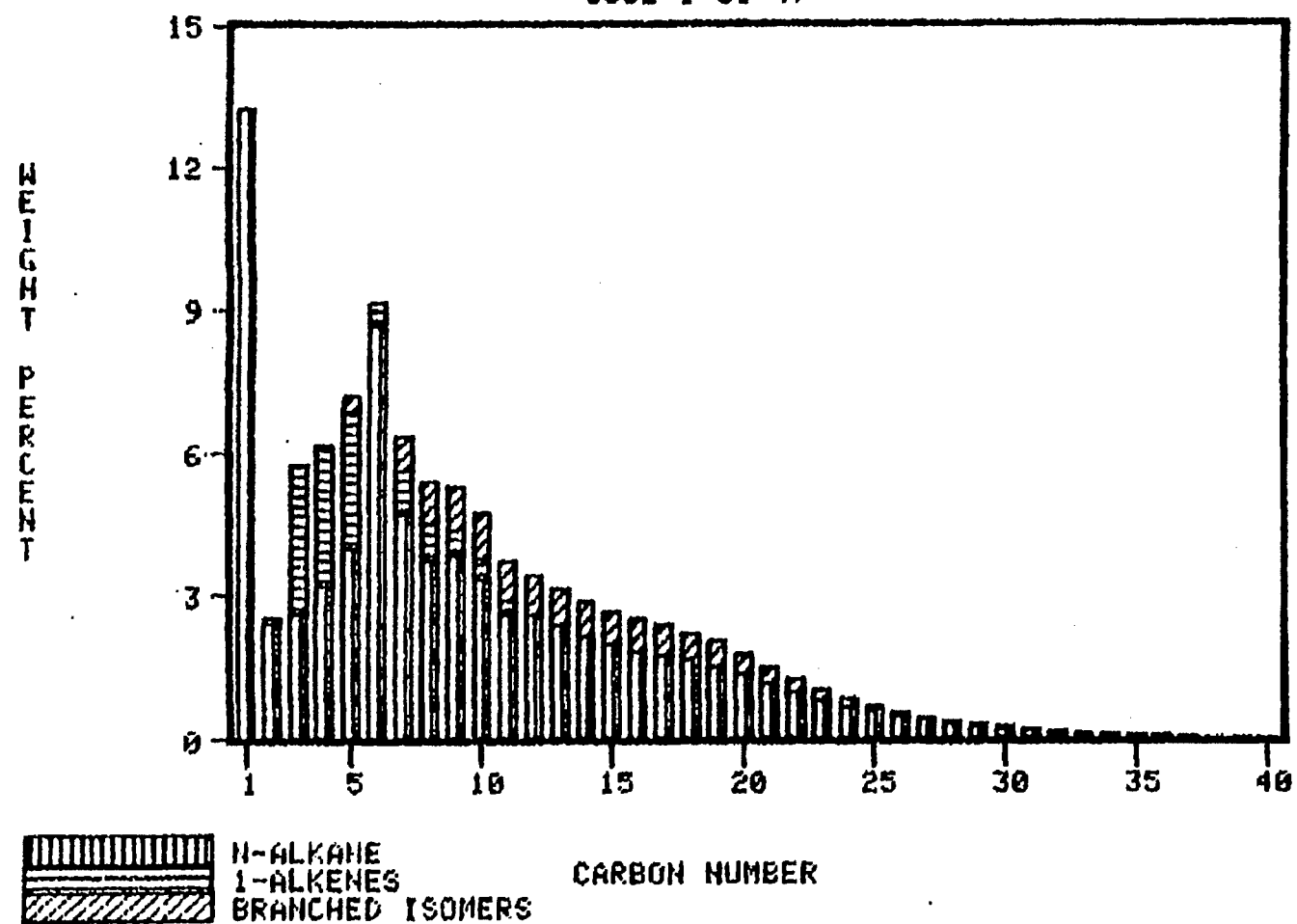


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HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-58

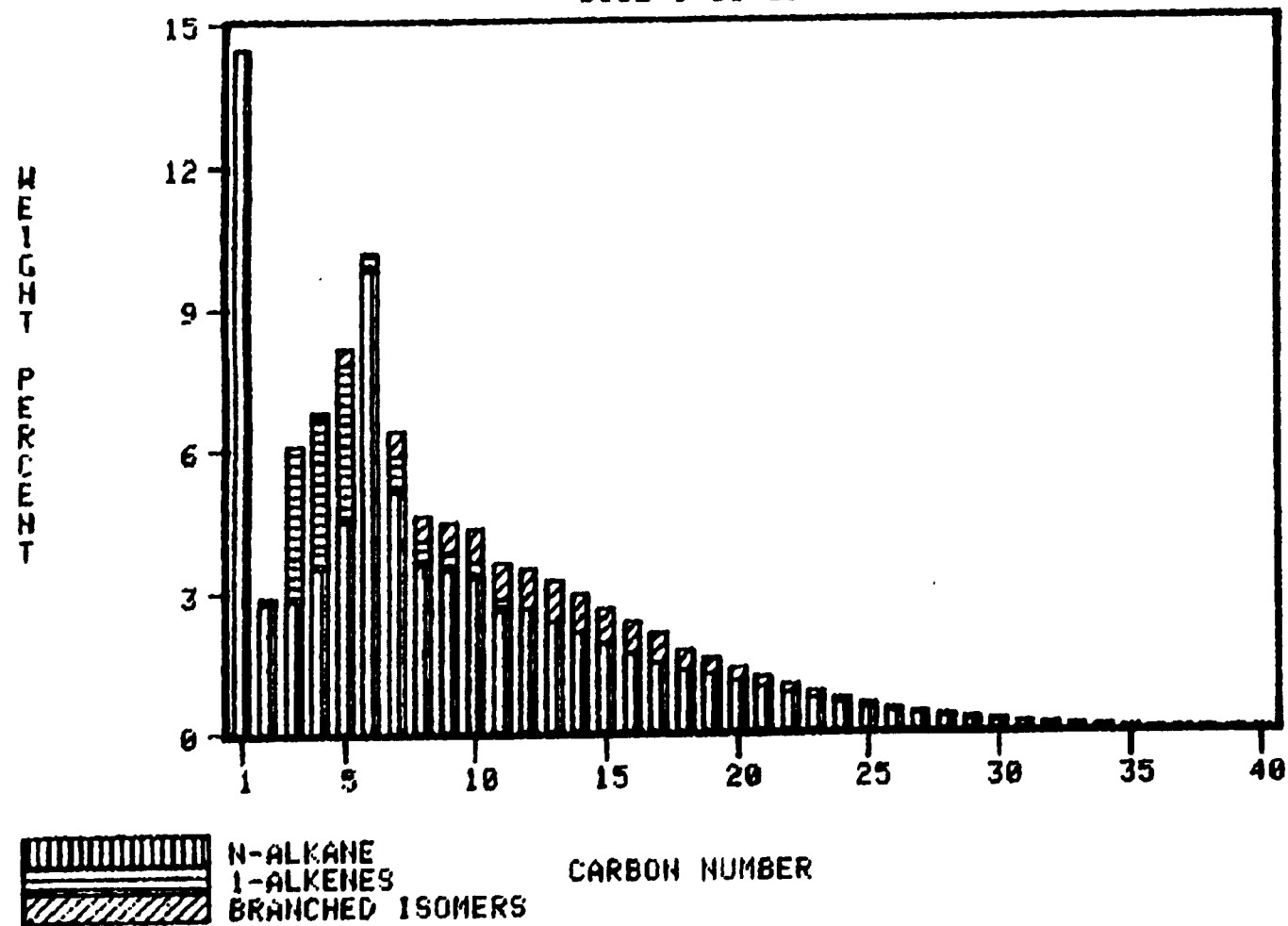


Figure 34
HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-53

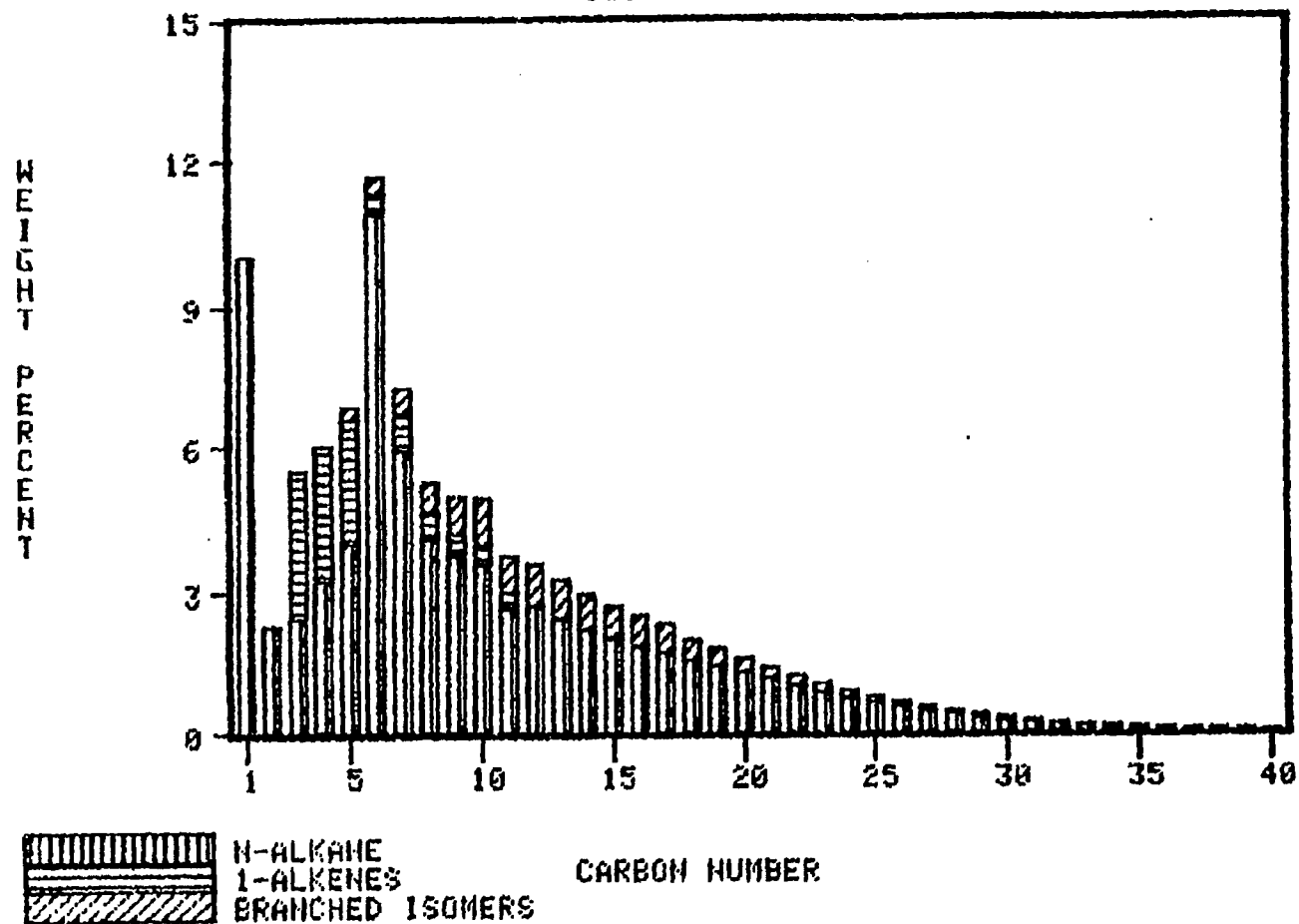


Figure 35

HYDROCARBON WEIGHT DISTRIBUTION

8862-1-31-56

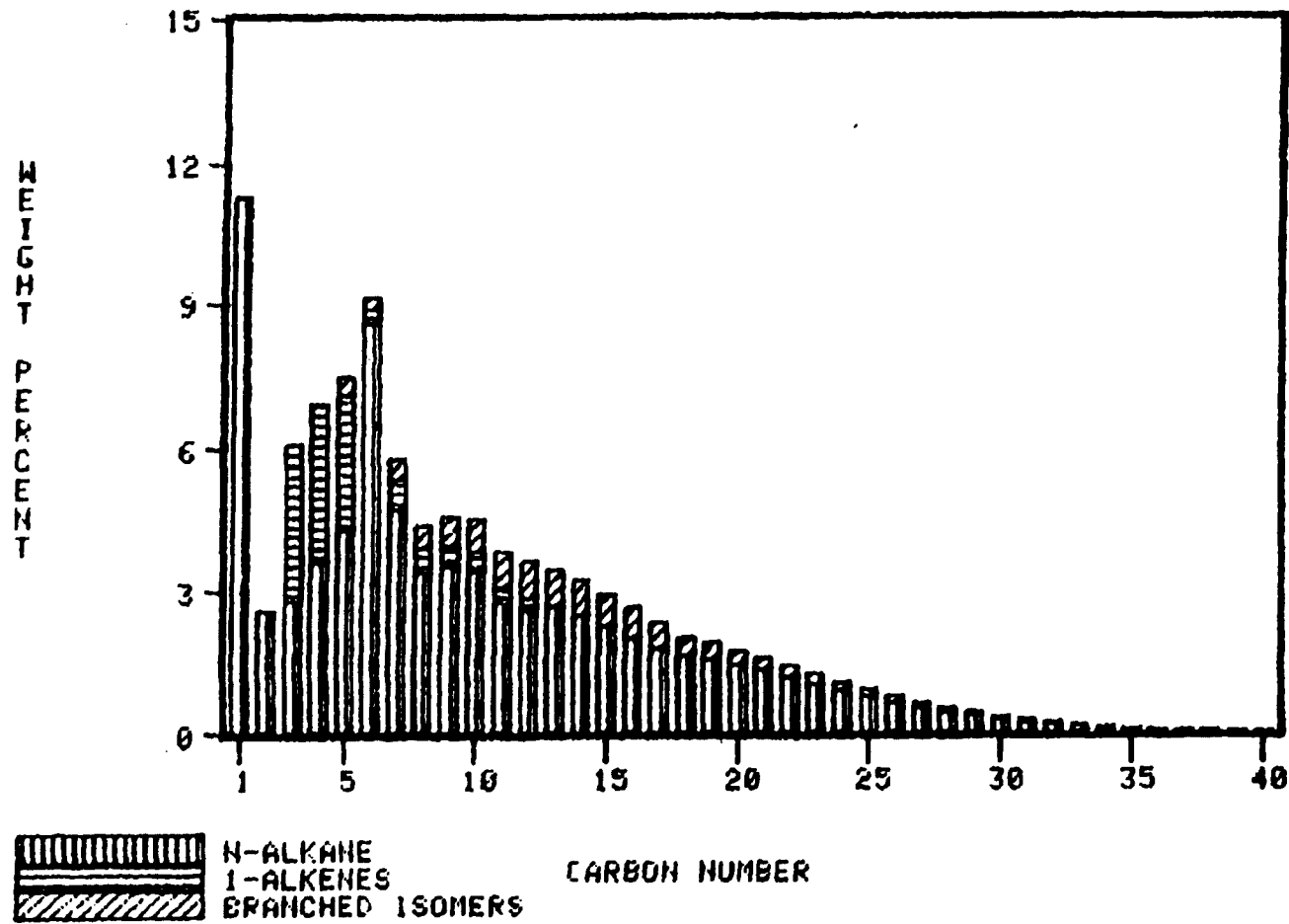


Figure 36
HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-59

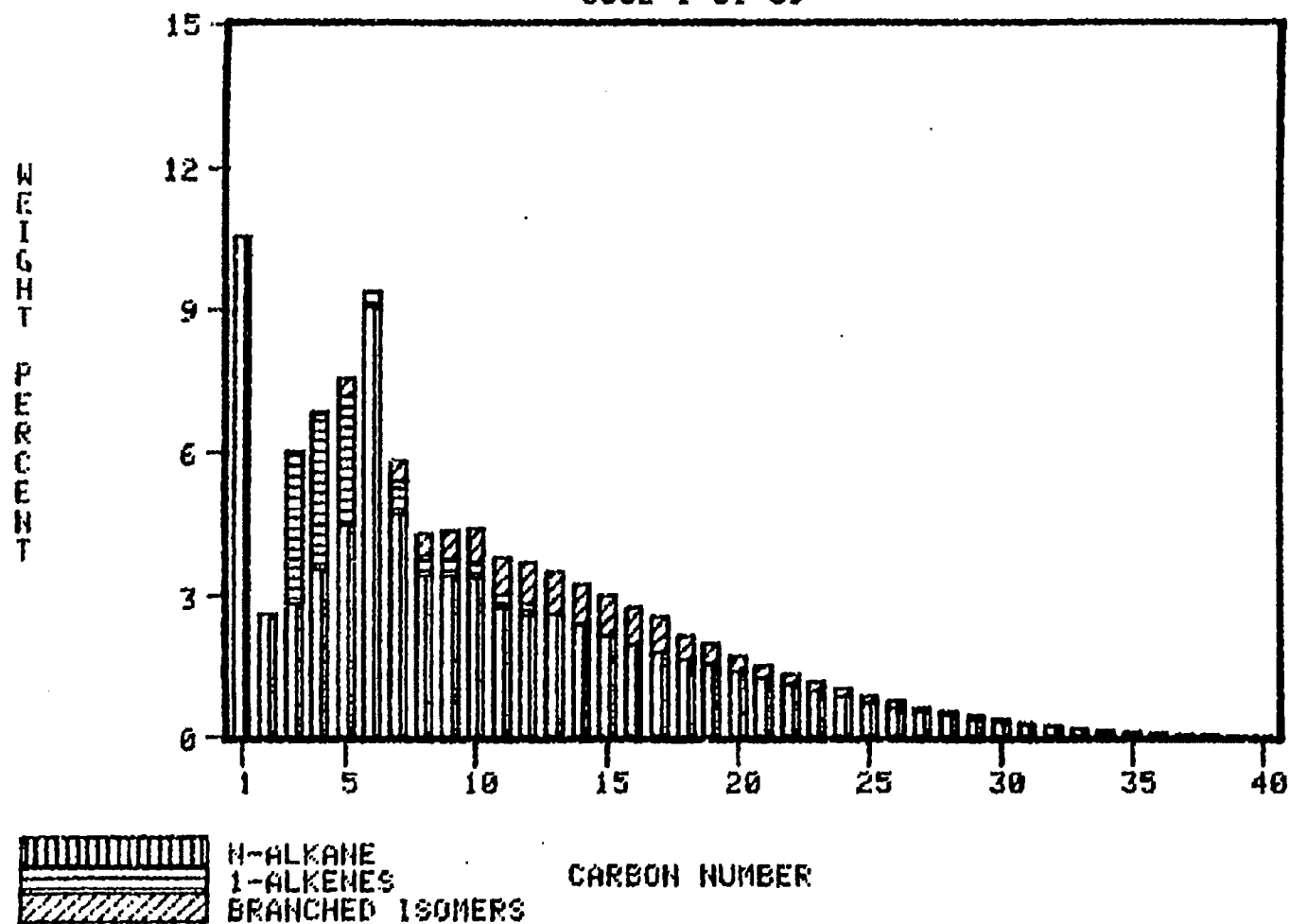


Figure 37

HYDROCARBON WEIGHT DISTRIBUTION

8862-1-31-62

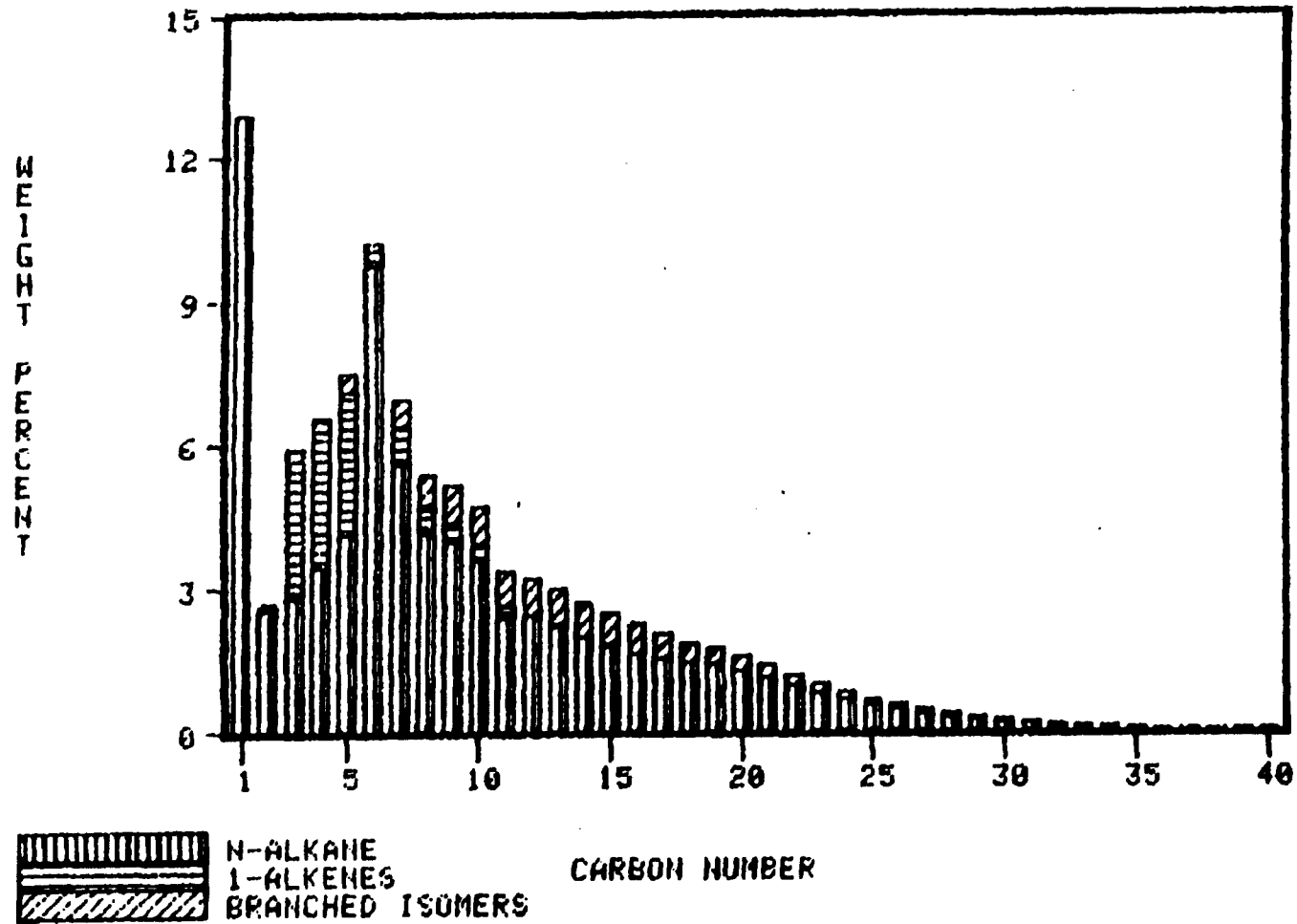


Figure 38
HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-65

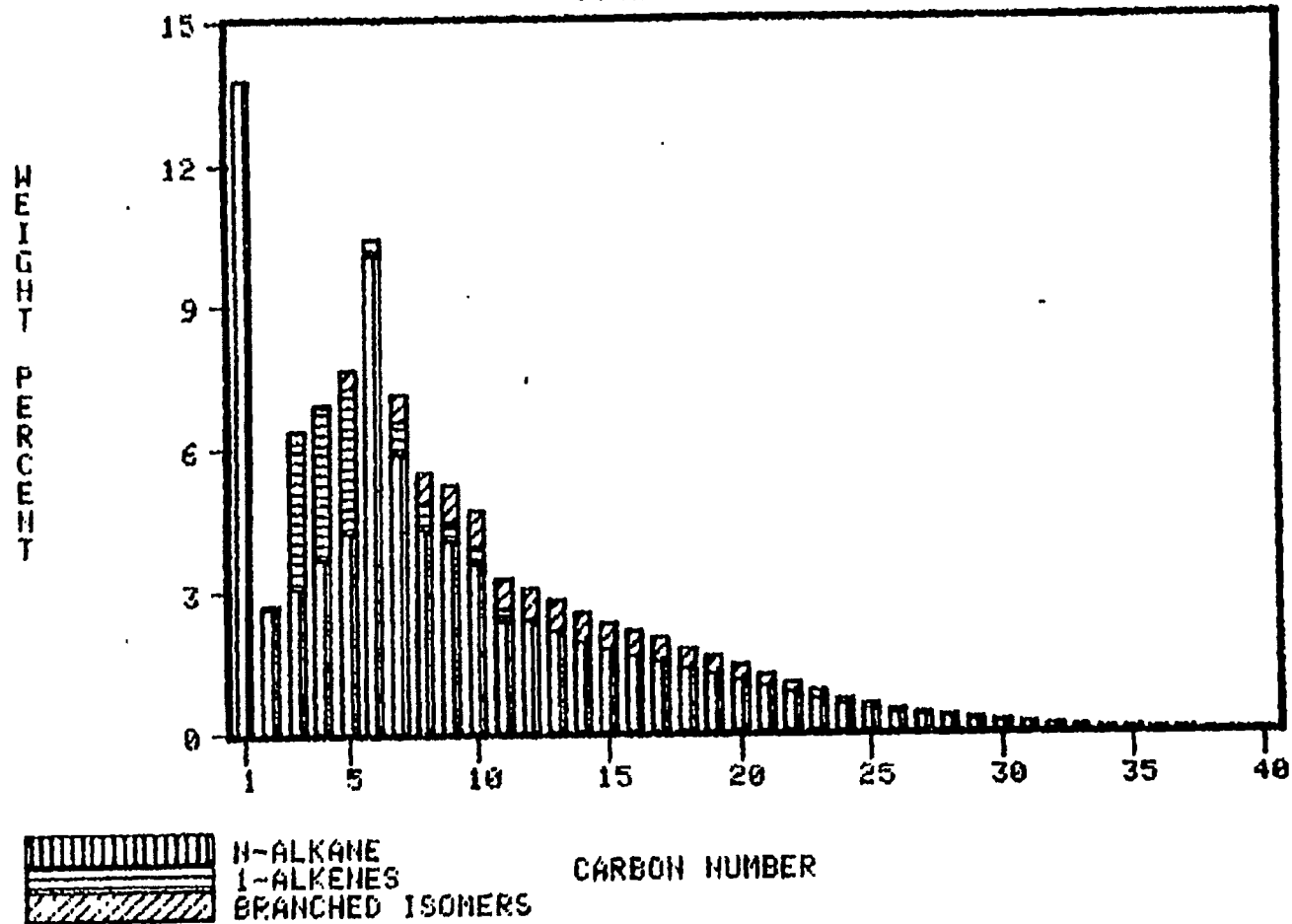


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HYDROCARBON WEIGHT DISTRIBUTION

8862-1-31-68

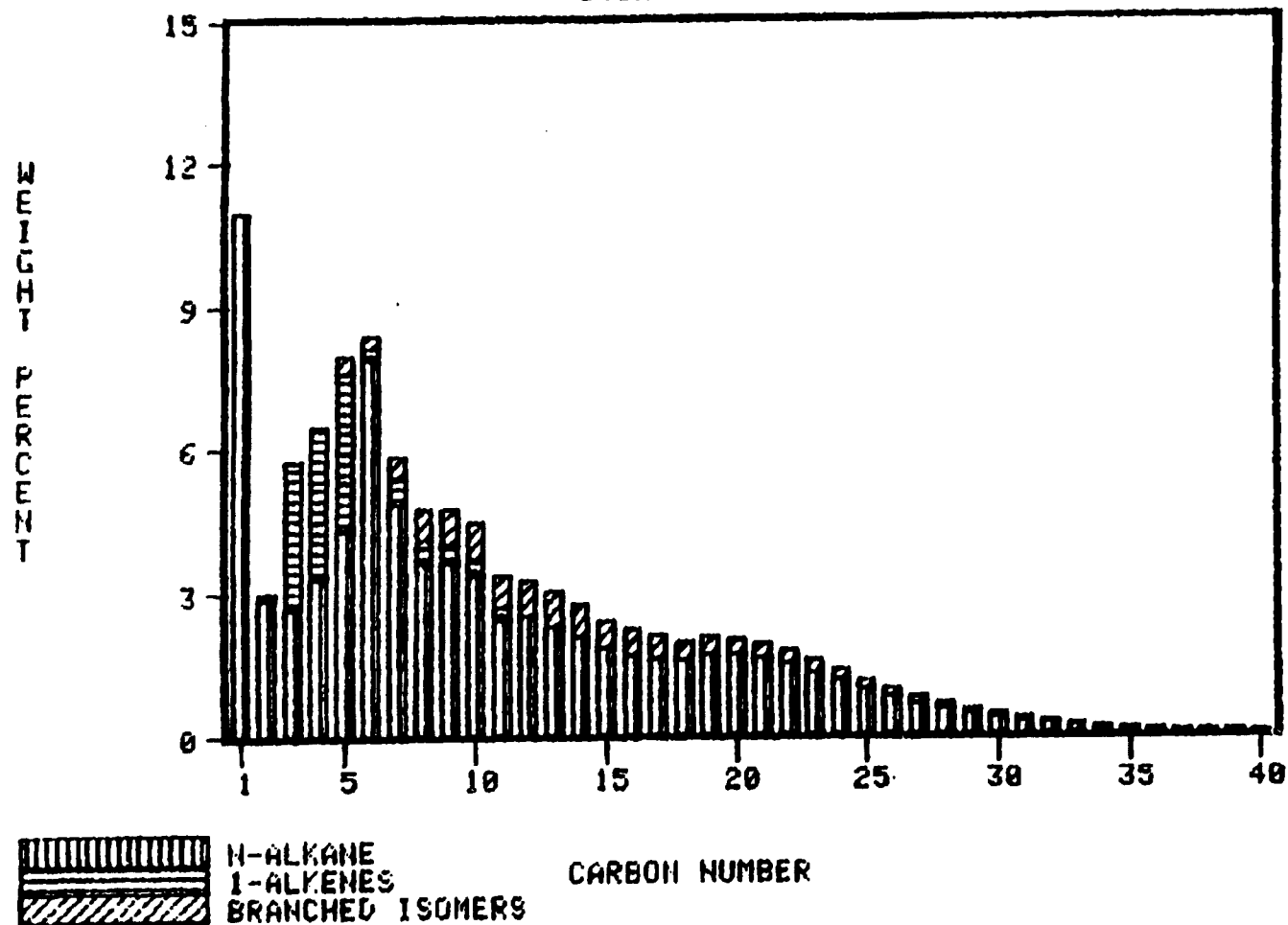


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8862-1-31-71

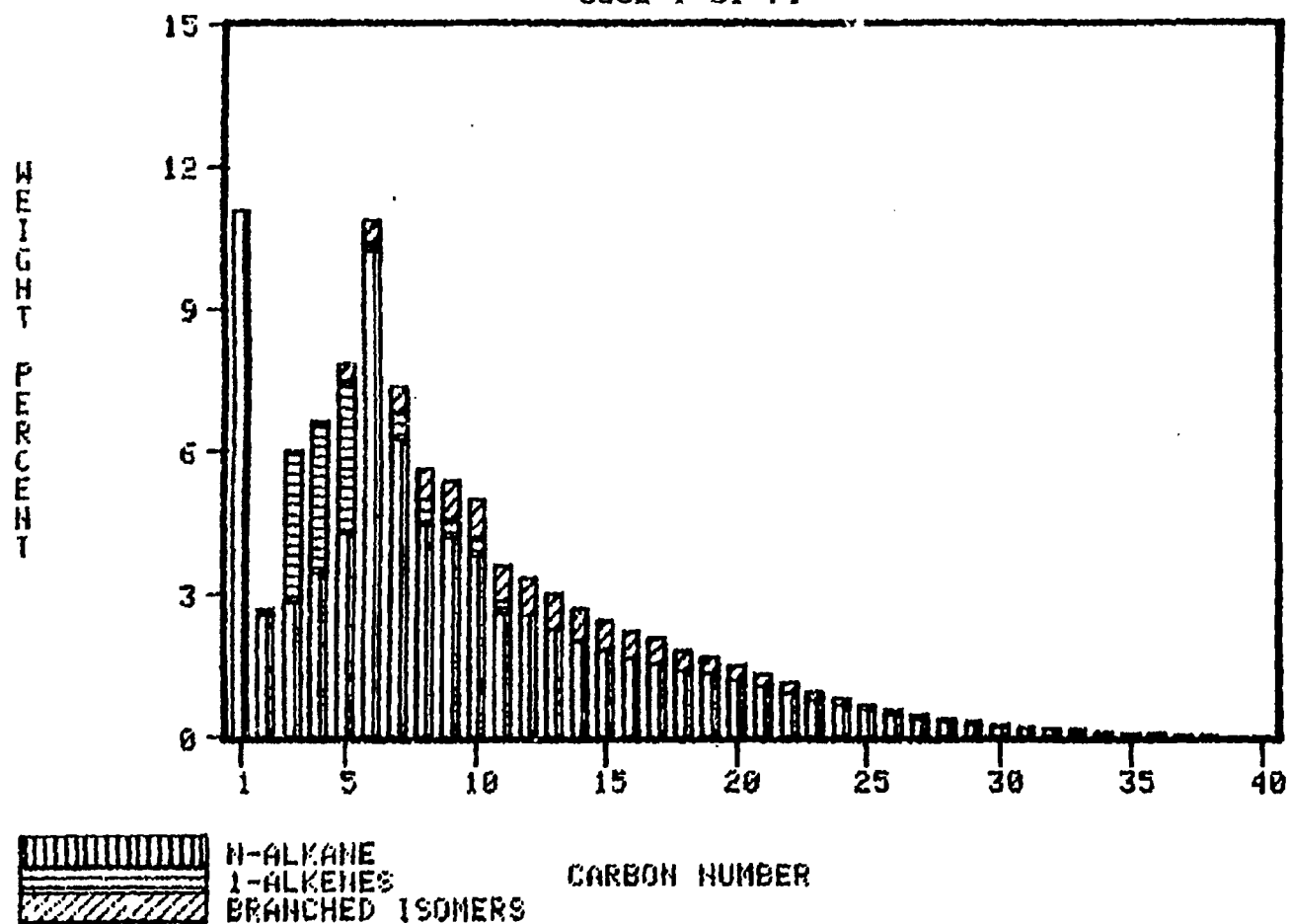


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HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-74

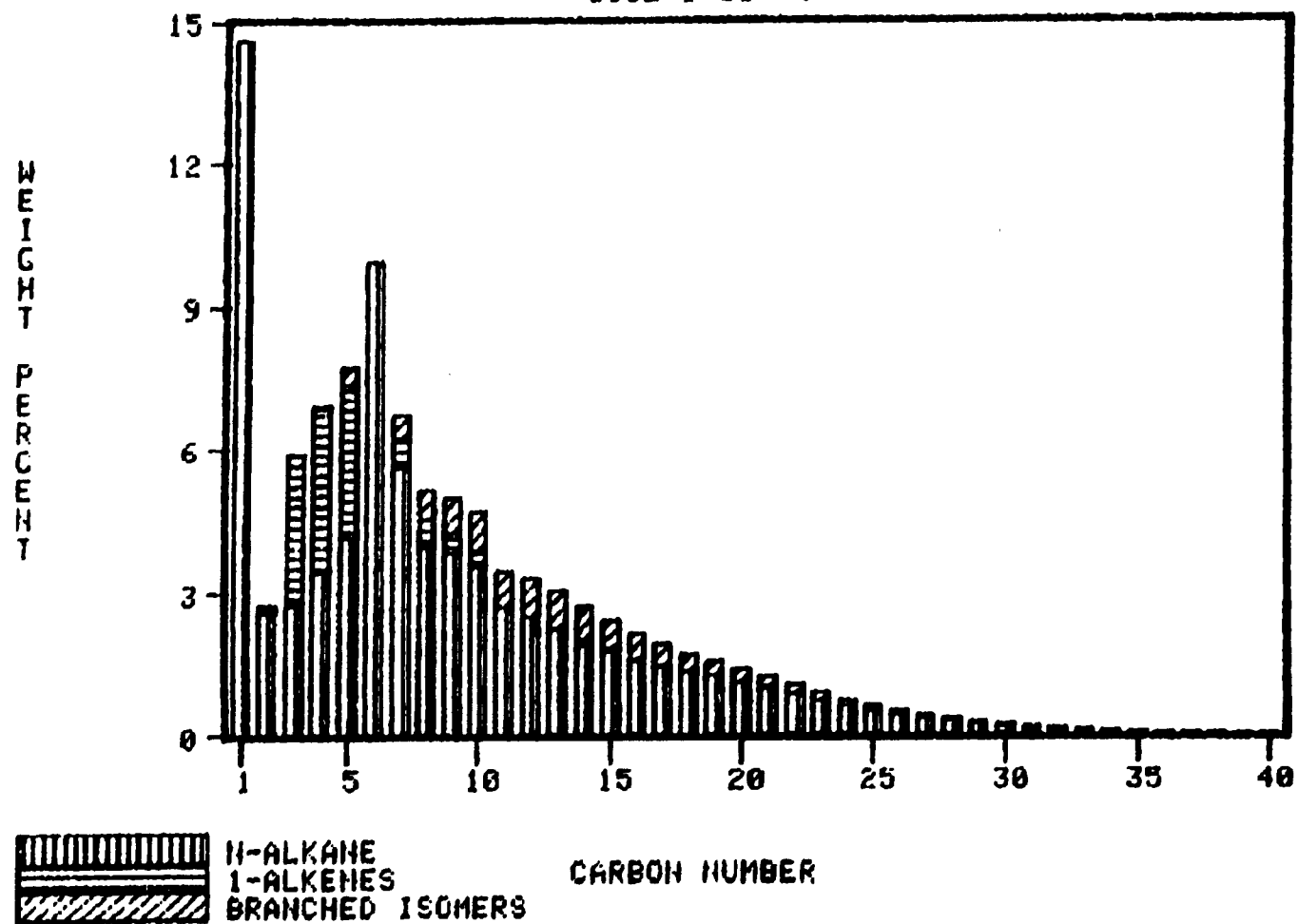


Figure 42
HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-77

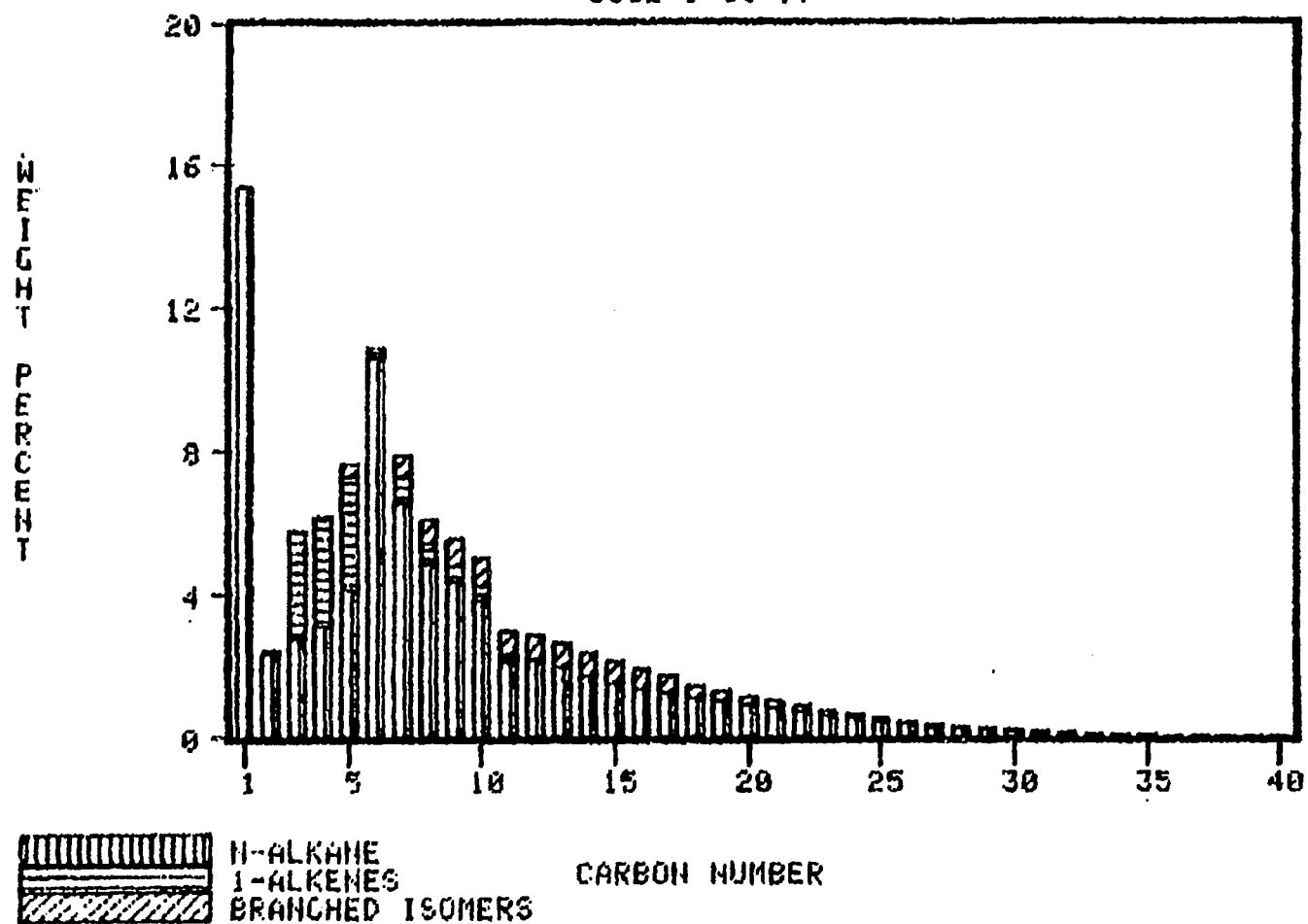


Figure 43
HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-80

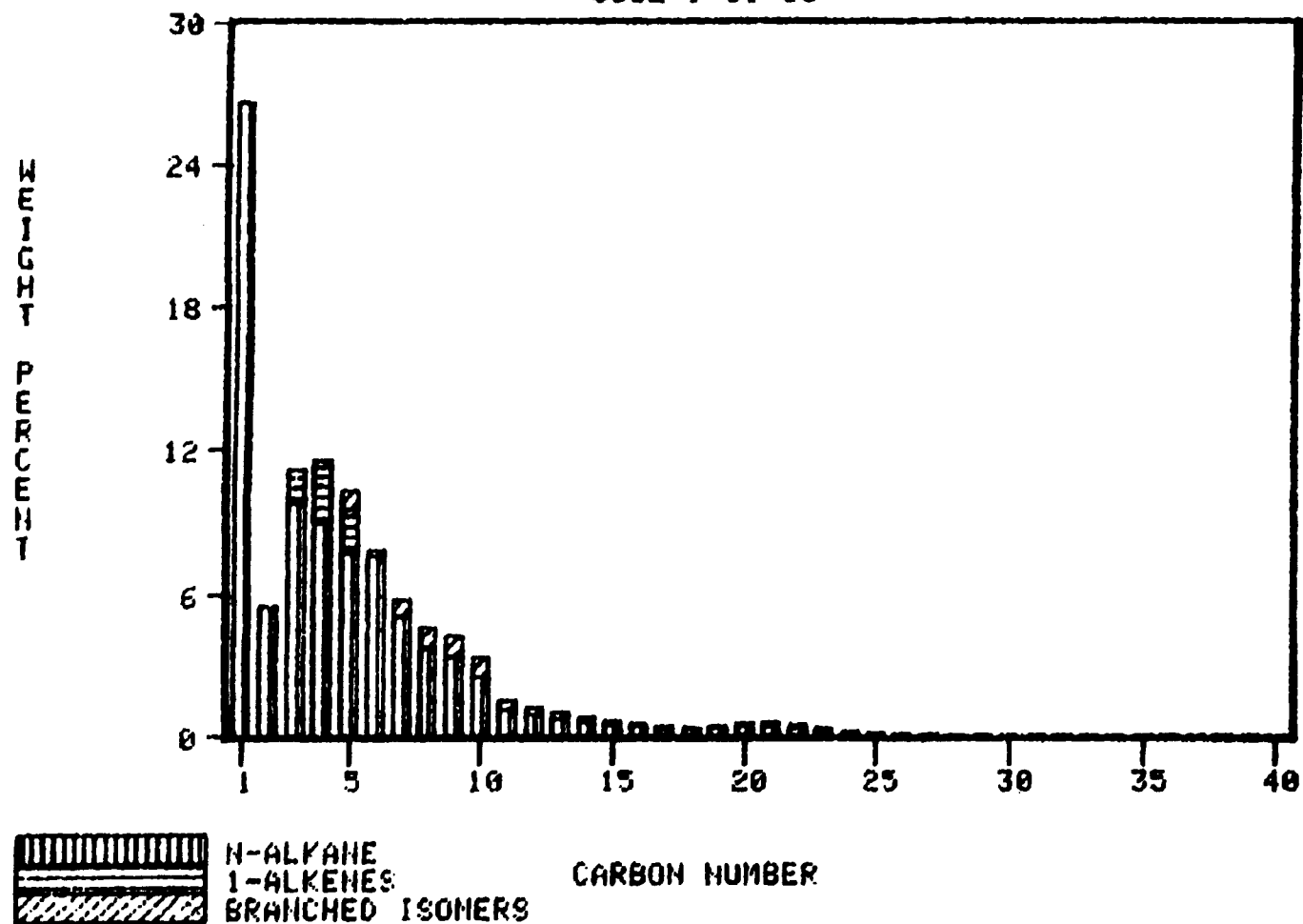


Figure 44
HYDROCARBON WEIGHT DISTRIBUTION
9862-1-31-83

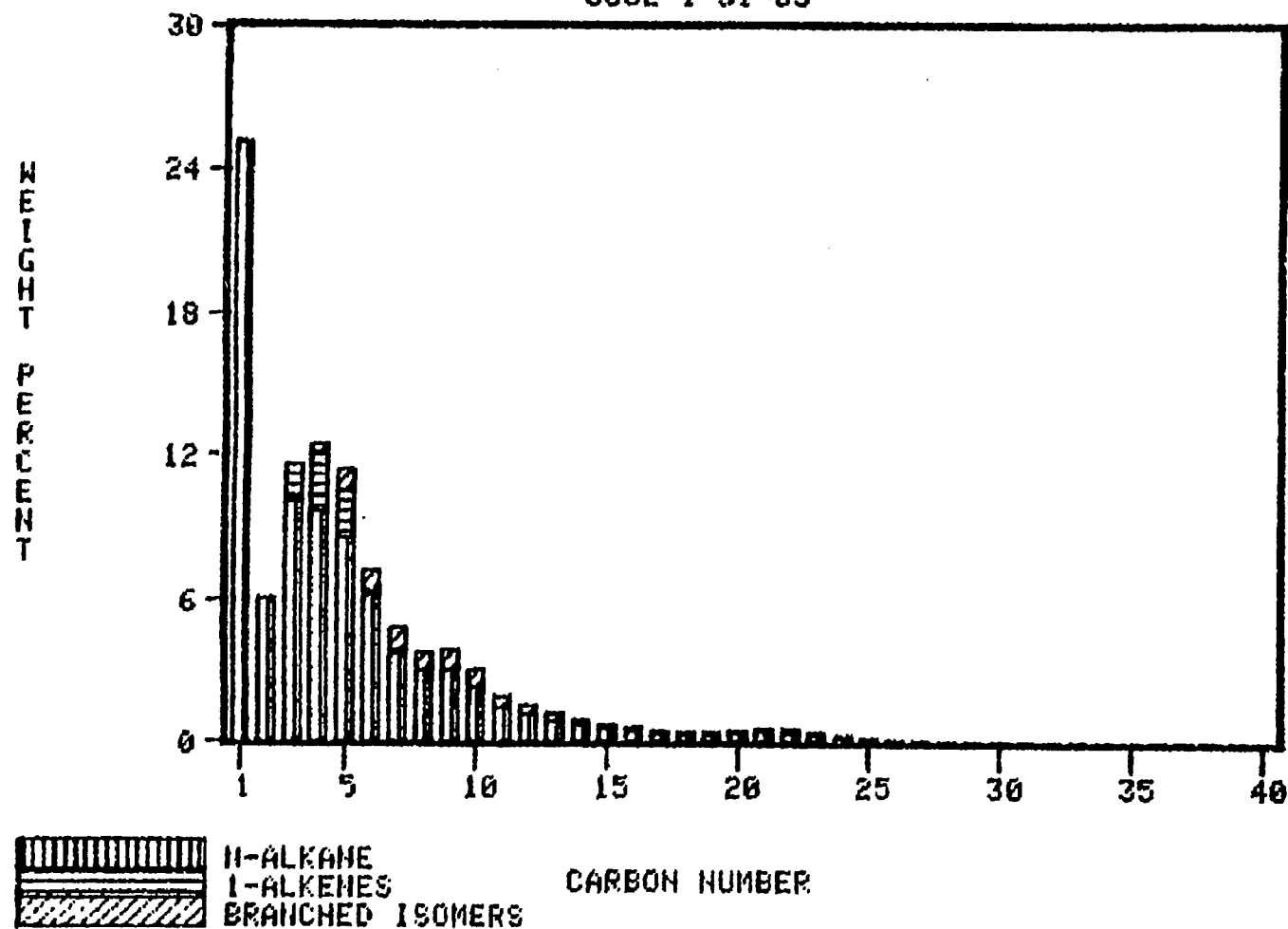


Figure 45
HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-85

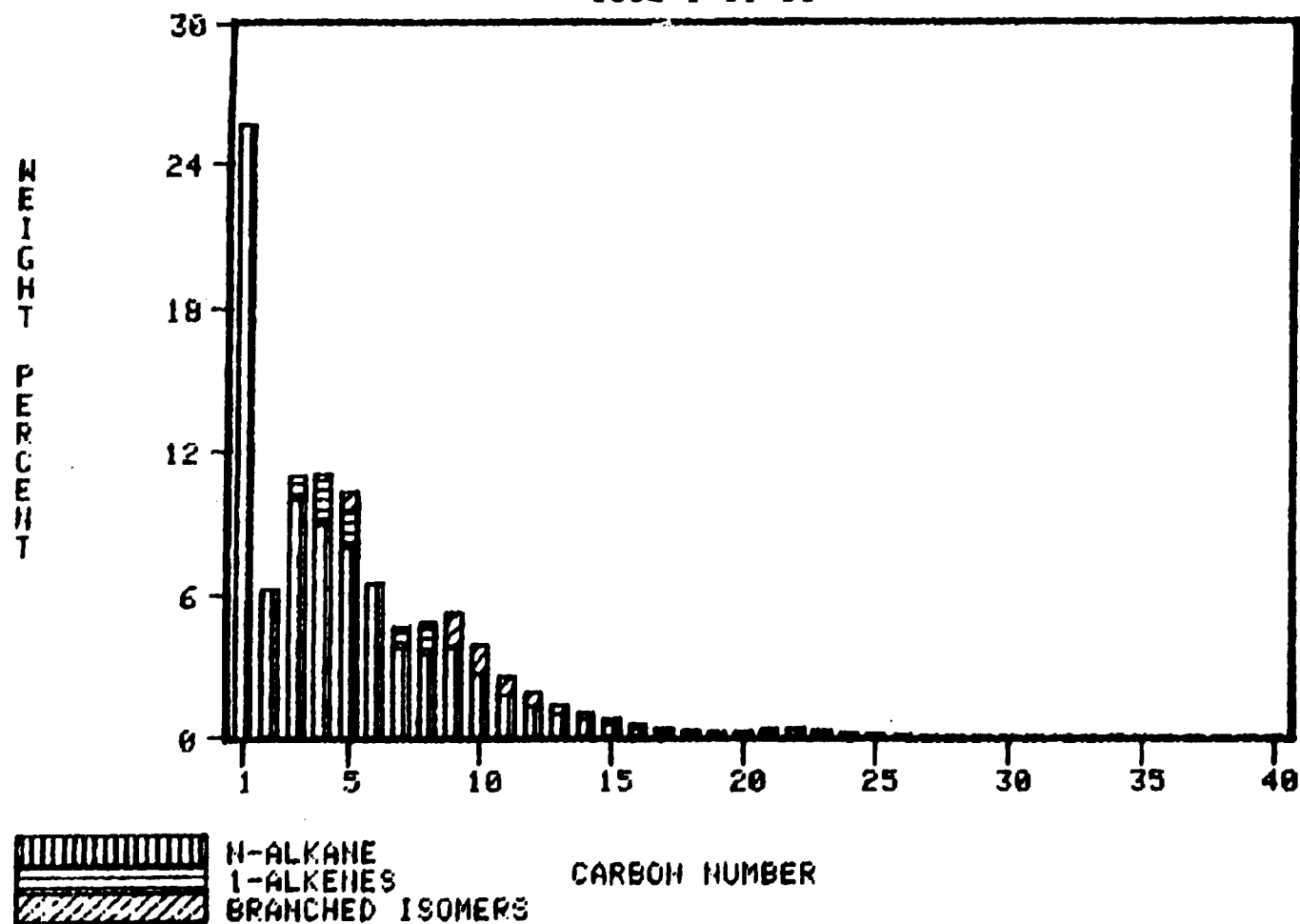


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HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-89

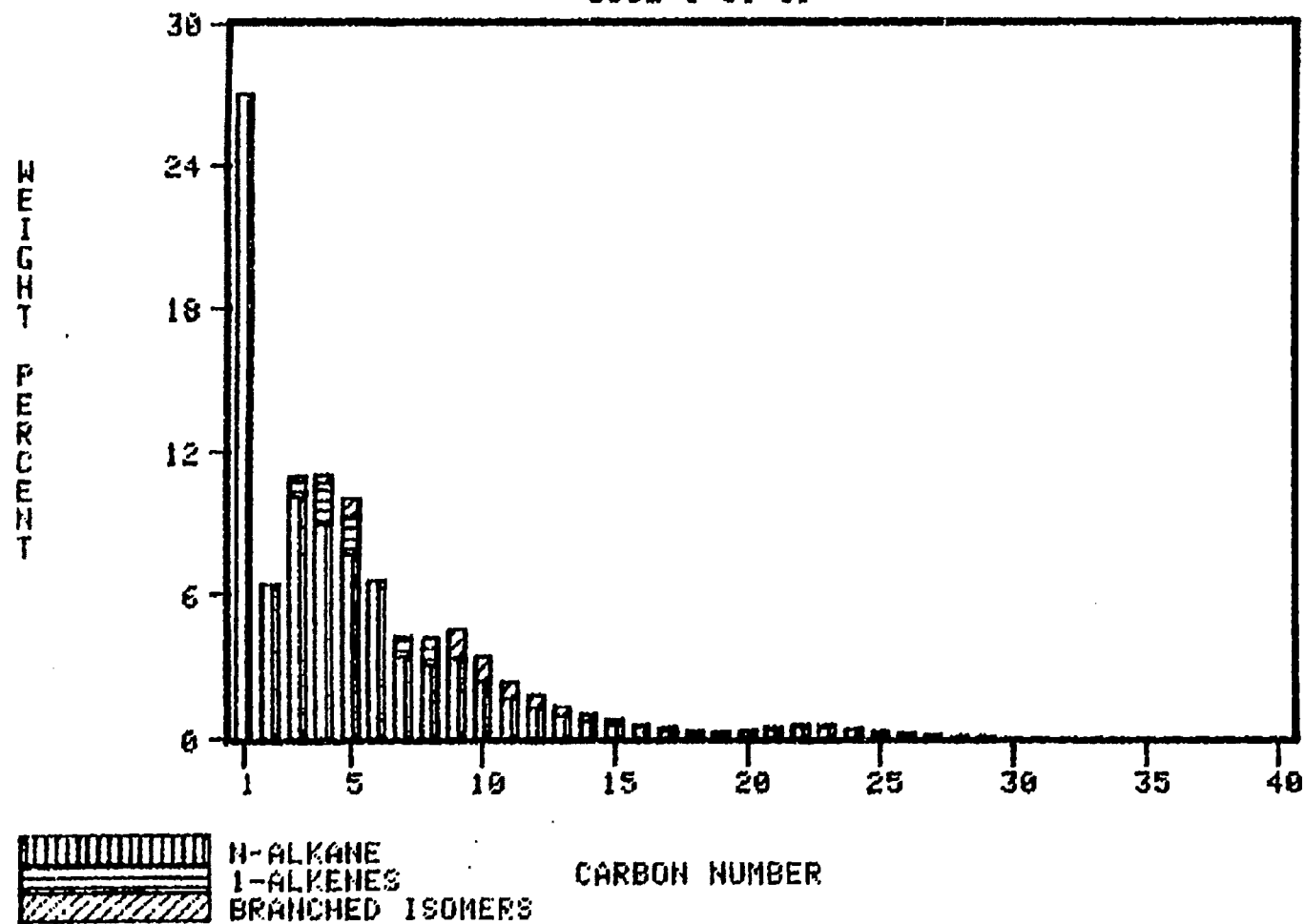


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HYDROCARBON WEIGHT DISTRIBUTION
8862-1-31-91

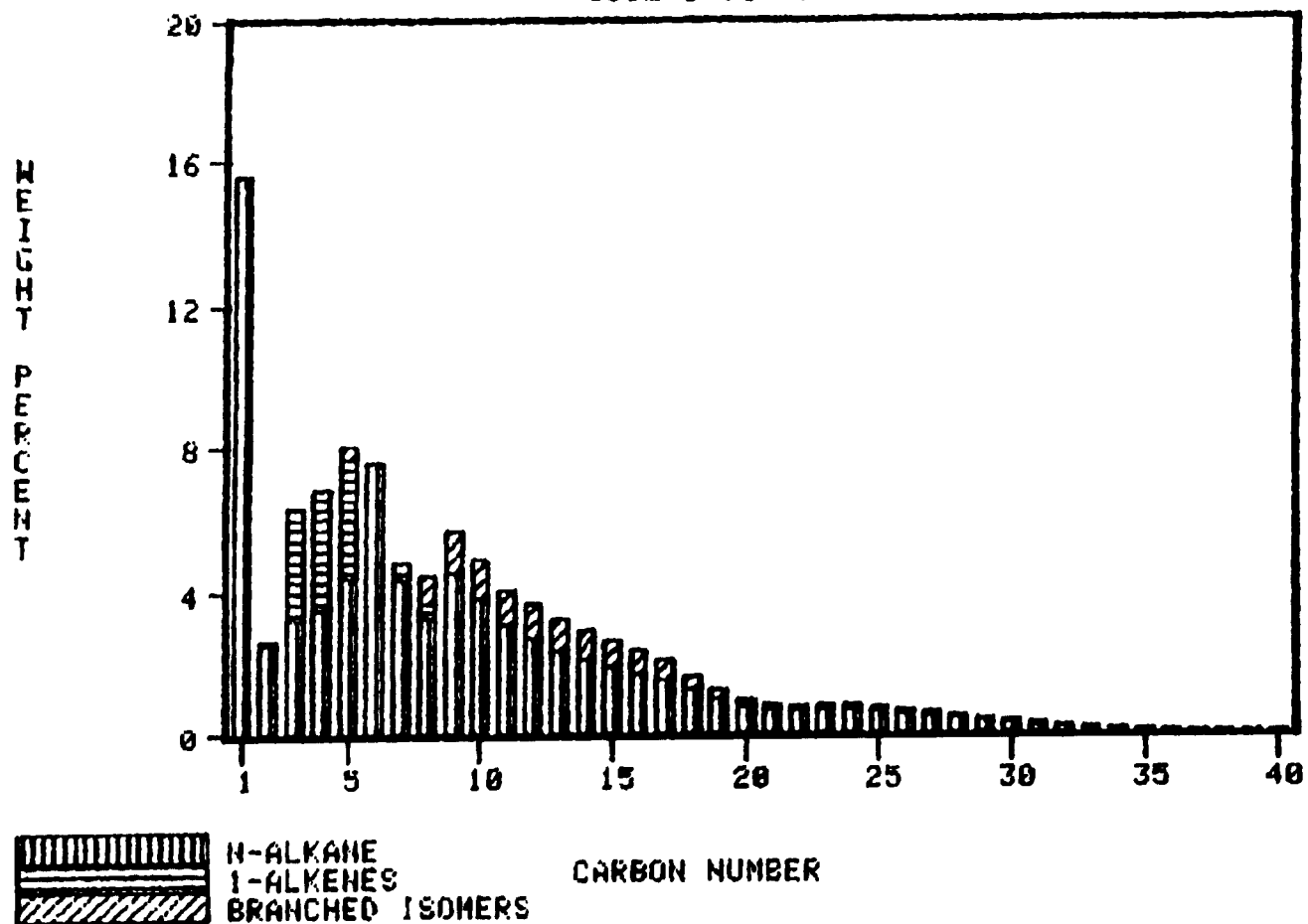


Figure 48

Bulk Activity Maintenance--Extended Slurry Test 8862-1-31
Co/Zr/SiO₂, 240°C, CO/H₂ = 0.5, 1.8 L/g/hr, 300 psig

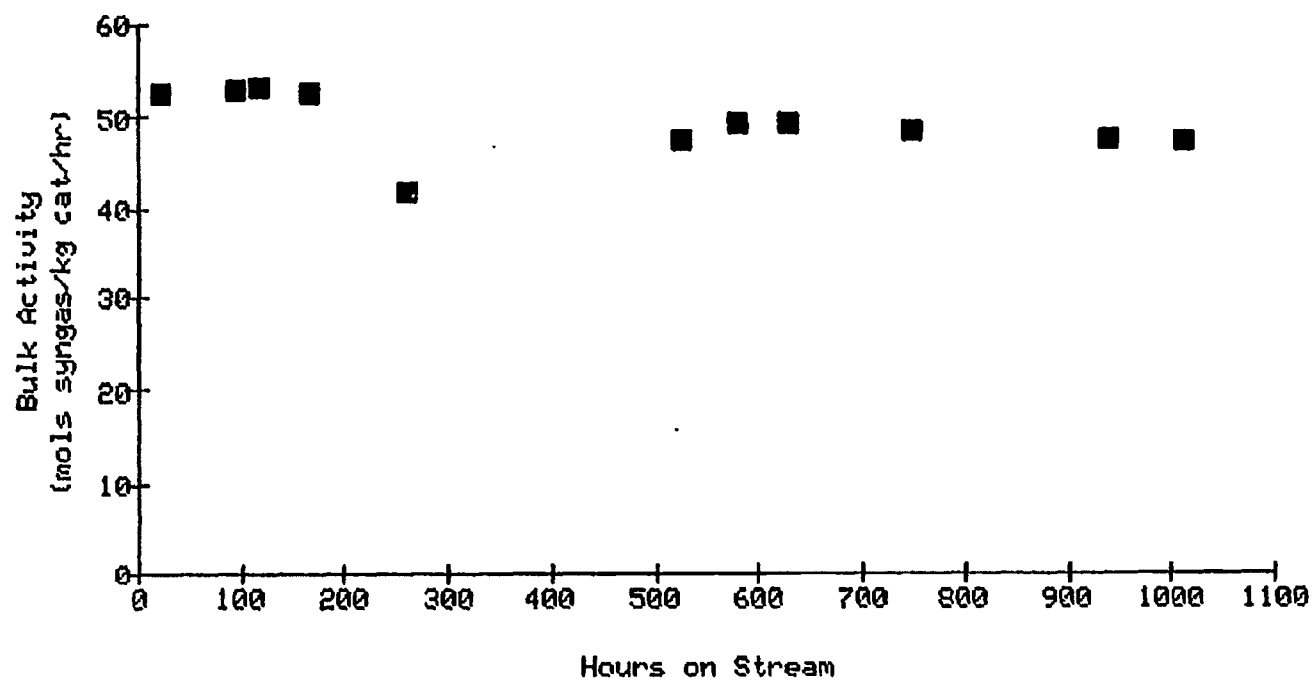


Figure 49

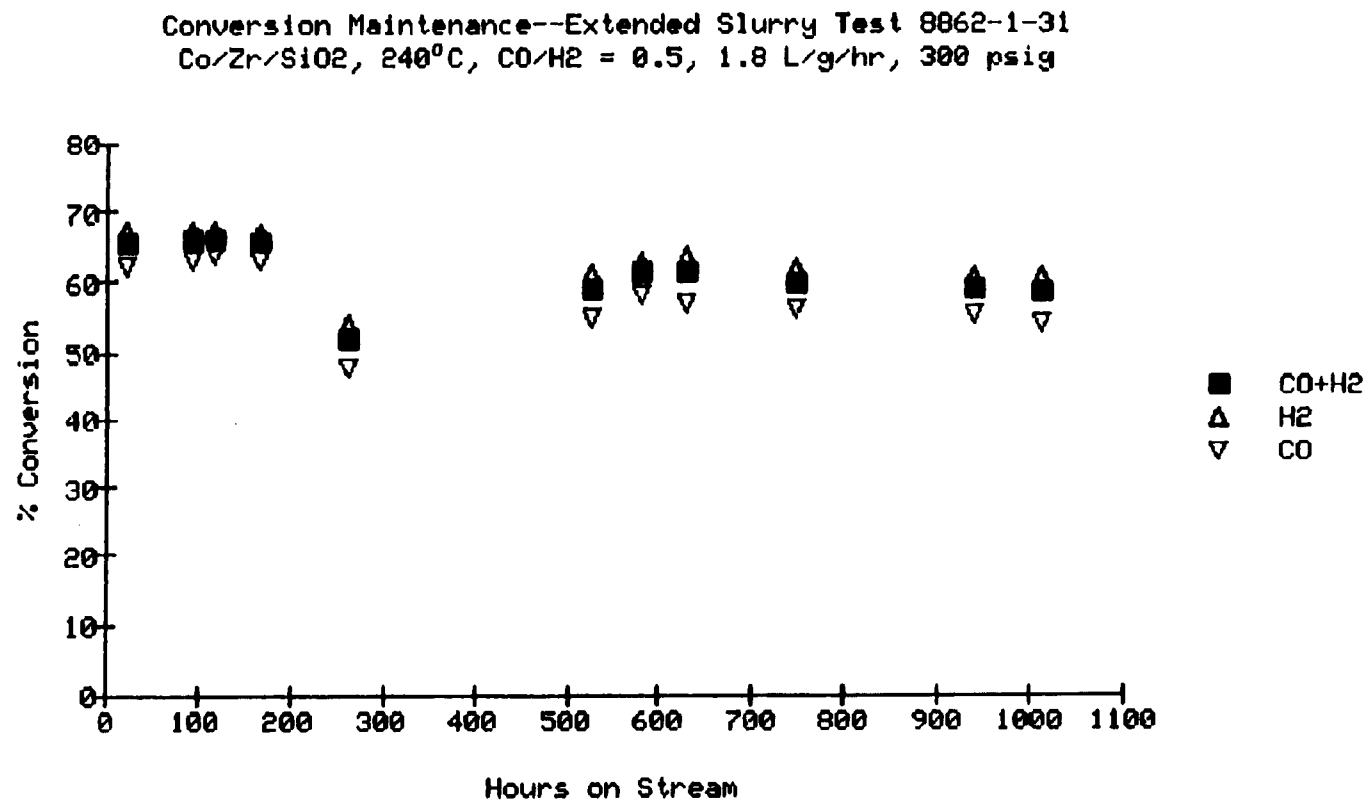


Figure 50

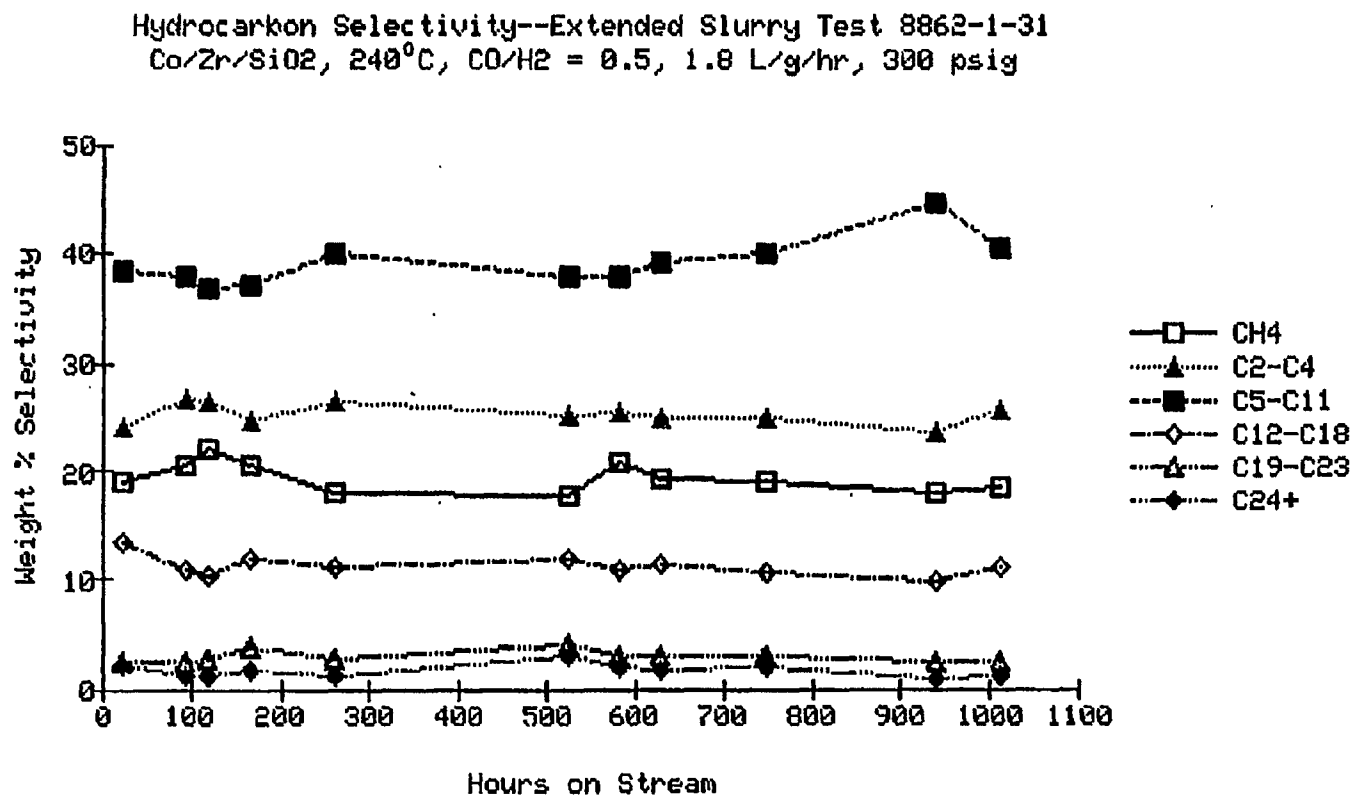


Figure 51

Bulk Activity Maintenance--Extended Slurry Test 8862-1-31
Co/Zr/SiO₂, 260°C, CO/H₂ = 1.0, 2.0 NL/g/hr, 300 psig

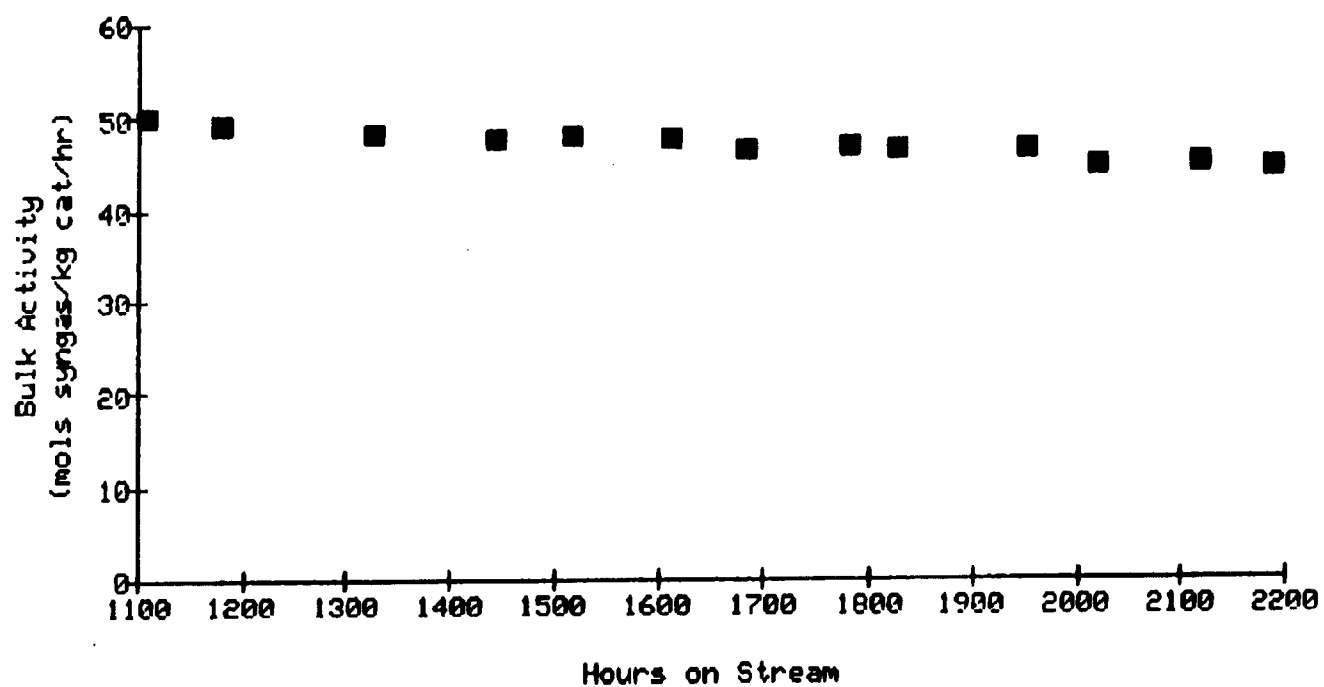


Figure 52

Conversion Maintenance--Extended Slurry Test 8862-1-31
 Co/Zr/SiO₂, 260°C, CO/H₂ = 1.0, 2.0 NL/g/hr, 300 psig

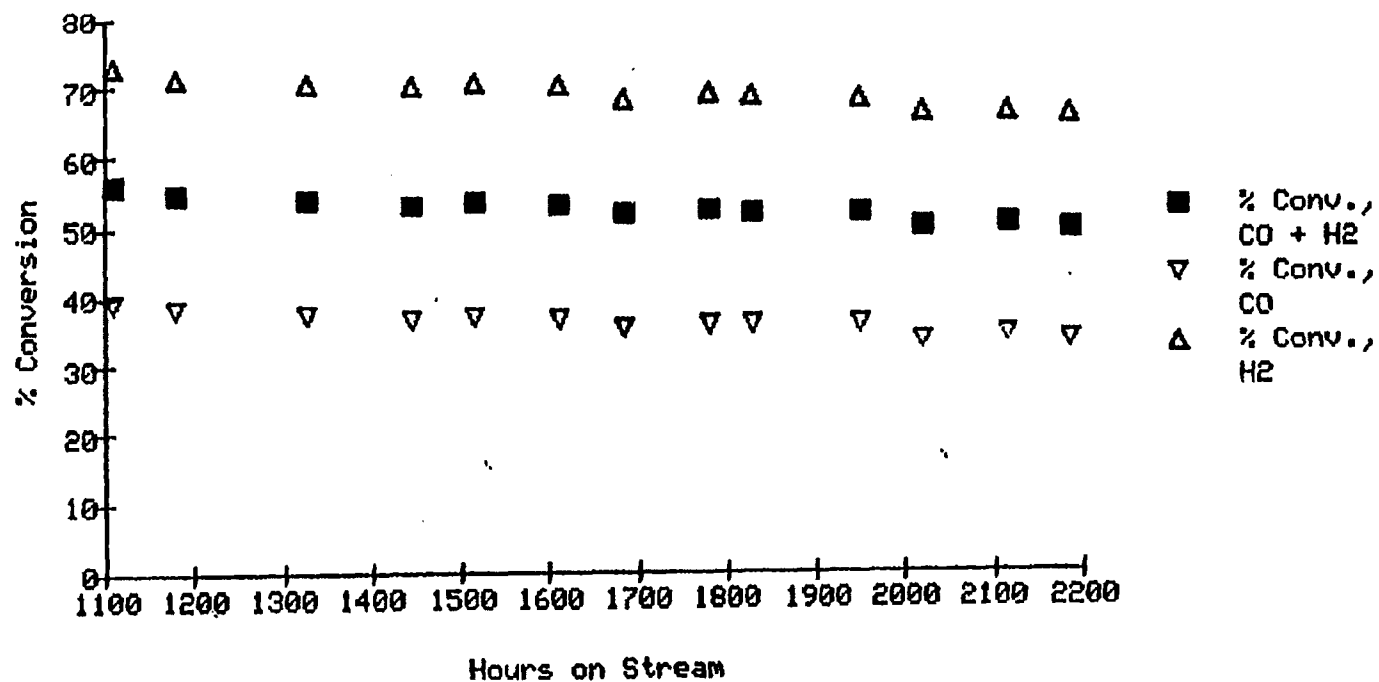
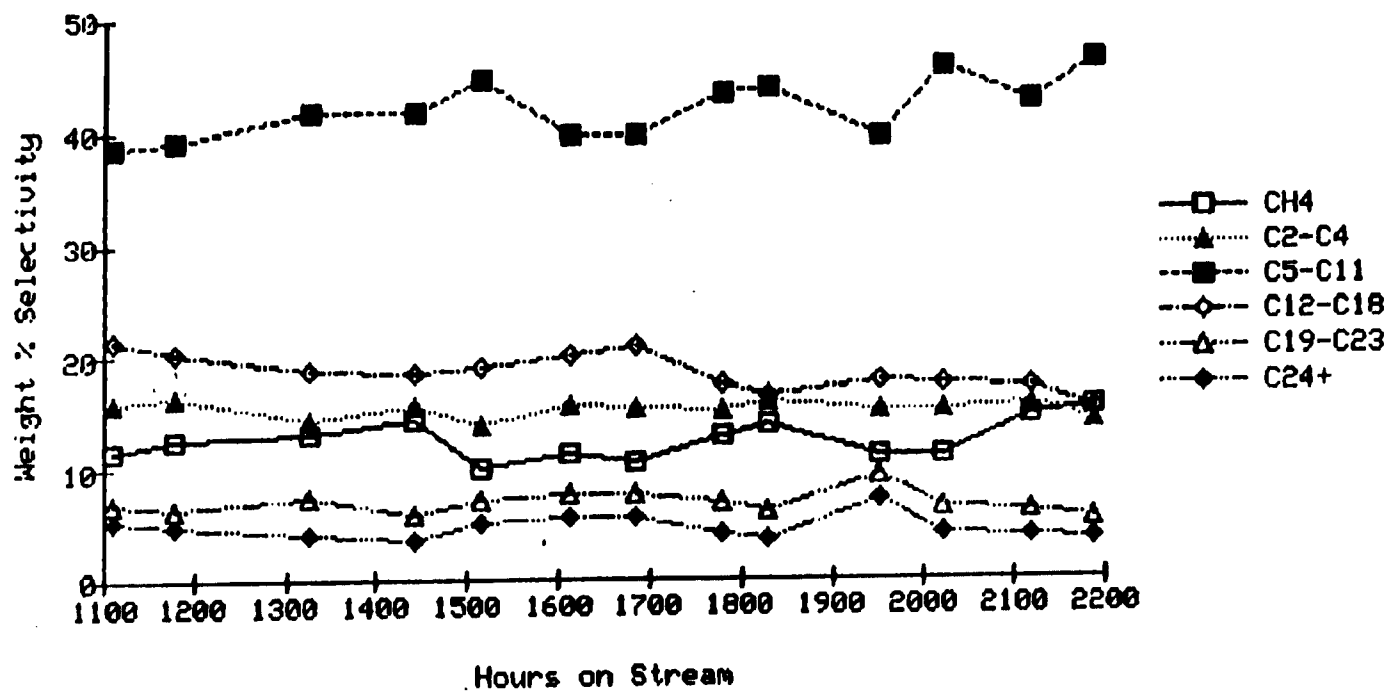


Figure 53

Hydrocarbon Selectivity--Extended Slurry Test 8862-1-31
Co/Zr/SiO₂, 260°C, CO/H₂ = 1.0, 2.0 NL/g/hr, 300 psig



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