

Match:

CH_4

C_2H_6

C_3H_8

C_4H_{10}

C_5H_{12}

C_6H_{14}

C_7H_{16}

C_8H_{18}

C_9H_{20}

$\text{C}_{10}\text{H}_{22}$

Ethane

Decane

Butane

Methane

Propane

Pentane

Hexane

Nonane

Heptane

Octane