Chapter 15 Hydrocarbon alkanes: saturated hydrocarbons with the general formula CnH2n+2 Saturated hydrocarbon: compound of hydrogen and carbon only in which the carbon-carbon bonds are all single covalent bonds, resulting in the maximum number of hydrogen atoms in the molecule. Homologous series. CH4 methane C3 H8 propane C5H12 pentane C2H6 ethane C6 H14 hexane C4 H10 butane

















