

5.12 Hydrocarbons

Organic Compounds: *Molec. containing Carbon.*

Carbon tends to combine with or non-metals such as H , O , N to form *Stable* compounds.

Most organic compounds have their origin in *photosynthesis*

Glucose - Formula $\rightarrow C_6H_{12}O_6$
(Sugar)

Hydrocarbon - *Molec. that contains Carbon + Hydrogen.*

They form fossil fuels

- Natural Gas
 - methane* CH_4
- Crude Oil
 - butane* C_4H_{10}
 - Kerosene*
 - Gasoline* - C_8H_{18}

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