An unsaturated hydrocarbon is a hydrocarbon whose molecule contains one or more multiple bonds.

eg:

\[
\begin{align*}
\text{\begin{tikzpicture}
\draw (0,0) -- (1,0);
\draw (1,0) -- (2,1);
\draw (2,1) -- (3,0);
\draw (3,0) -- (4,0);
\end{tikzpicture}} & \quad \begin{tikzpicture}
\draw (0,0) -- (1,0);
\draw (1,0) -- (2,1);
\draw (2,1) -- (3,0);
\end{tikzpicture} & \begin{tikzpicture}
\draw (0,0) -- (1,0);
\draw (1,0) -- (2,0);
\draw (2,0) -- (3,0);
\end{tikzpicture}
\end{align*}
\]

see also saturated hydrocarbon

Contributors

- Gamini Gunawardena from the OChemPal site (Utah Valley University)