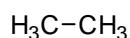


29. 01 非環式炭化水素 (Acyclic hydrocarbons.)

(A) 飽和非環式炭化水素(C_nH_{2n+2})
(Saturated acyclic hydrocarbons)

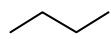
(1) エタン

(Ethane)



(2) ブタン

(Butanes)

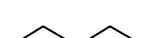


(*n*-Butane)



(3) ペンタン

(Pentanes)



(*n*-Pentane)



(4) ヘキサン

(Hexanes)

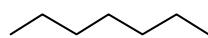


(*n*-Hexane)



(5) ヘプタン

(Heptanes)

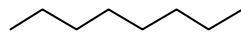


(*n*-Heptane)



(6) オクタン

(Octanes)



(*n*-Octane)



(7) ノナン

(Nonanes)



(*n*-Nonane)



(8) デカン

(Decanes)

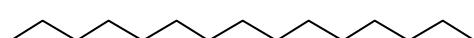


(*n*-Decane)



(9) ペンタデカン

(Pentadecanes)

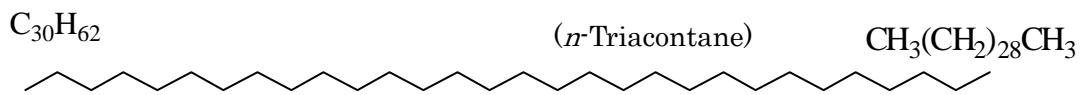


(*n*-Pentadecane)



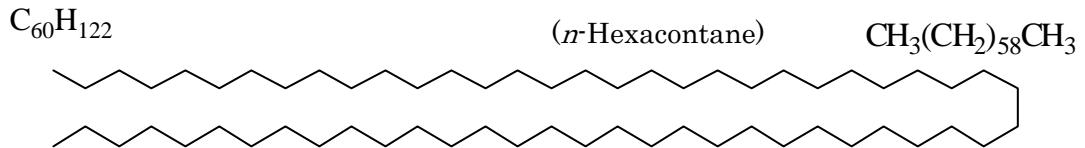
(10) トリアコンタン

(Triacosanes)



(11) ヘキサコンタン

(Hexacosanes)



(B) 不飽和非環式炭化水素

(Unsaturated acyclic hydrocarbons)

(1) モノエチレン系炭化水素

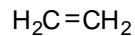
(Monoethylenic hydrocarbons)

(a) 気体のもの

(Gaseous)

(i) エチレン (エテン)

(Ethylene (ethene))



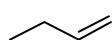
(ii) プロペン (プロピレン)

(Propene (propylene))

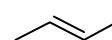


(iii) ブテン (ブチレン)

(Butenes (butylens))



(1-Butene)



(2-Butene)

(b) 液体のもの

(liquid)

(i) ペンテン (アミレン)
(Pentenes (amylenes))



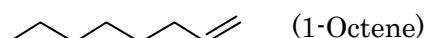
(ii) ヘキセン
(Hexenes)



(iii) ヘプテン
(Heptenes)



(iv) オクテン
(Octenes)

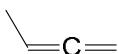


(2) ポリエチレン系炭化水素
(Polyethylenic hydrocarbons)

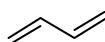
(a) プロパジエン (アレン)
(Propadiene (allene))



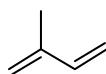
(b) ブタ-1,2-ジエン (1,2-ブタジエン、メチルアレン)
(Buta-1,2-diene (1,2-butadiene, methylallene))



(c) ブタ-1,3-ジエン (1,3-ブタジエン)
(Buta-1,3-diene (1,3-butadiene))



(d) 2-メチルブタ-1,3-ジエン (イソプレン)
(2-Methylbuta-1,3-diene (isoprene))

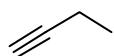


(3) アセチレン系炭化水素 一般式 (C_nH_{2n-2})
(Acetylene series)

(a) プロピン (アリレン、メチルアセチレン)
(Propyne (allylene, methylacetylene))



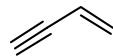
(b) ブチン (エチルアセチレン)
(Butyne (ethylacetylene))



(1-Butyne)

(4) エチレンアセチレン系炭化水素
(Ethylene-acetylene hydrocarbons)

– ビニルアセチレン
(Vinylacetylene)



– メチルビニルアセチレン
(Methylvinylacetylene)

