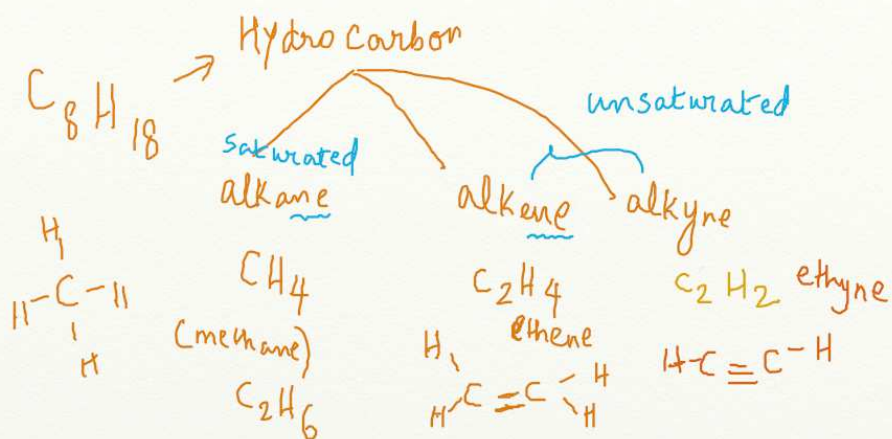


For next class: read DF1, DF2 before you come

enthalpy H

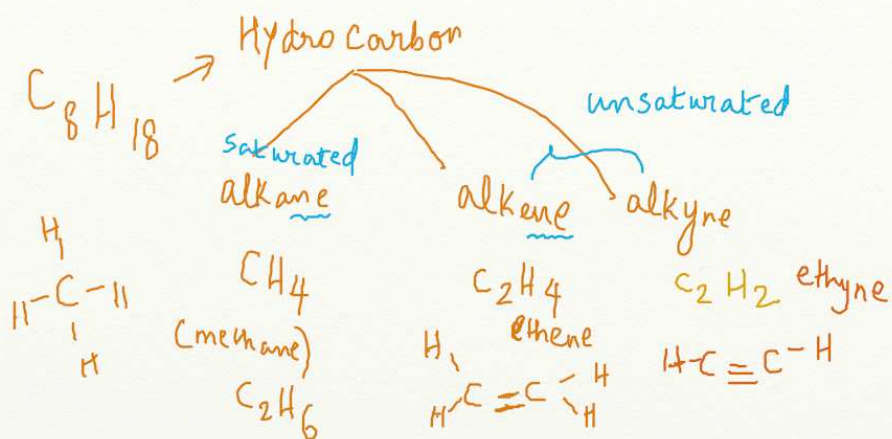
organic chemistry - C, H, O, N, P, S



For next class: read DF1, DF2 before you come

enthalpy H

organic chemistry - C, H, O, N, P, S

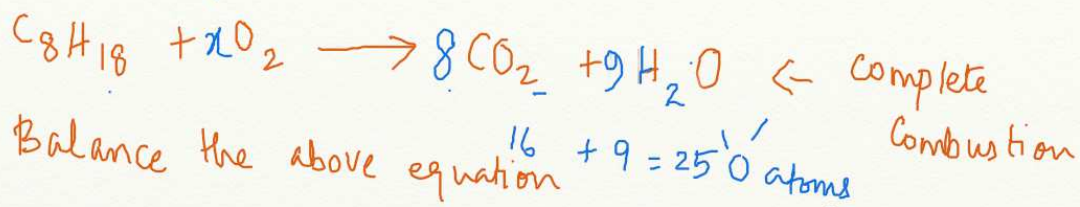


## Organic Compounds

$\text{CO}_2$  - not an organic

S - Sulphur  $\text{SO}_2$  → inorganic  
 $\text{CO}_2$  }  
NO<sub>x</sub> }

↗ 12.5



Balance the above equation  $16 + 9 = 25$  O atoms

$$\text{O: balance } 2x = 25 \Rightarrow x = \frac{25}{2} = 12.5$$

Balancing equations contd...

Potassium Permanganate



Cl:	Left	Right	$3 + 2x = 8$
	8	5	$2x = 5$
O	4	4 ✓	$x = 2.5$
H	8	8 ✓	
Mn			