Organic Chemistry Crossword

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| **Across****3.** A molecule that can be bonded to other identical molecules to form a polymer**5.** The chemical name for burning**8.** A substance that increases the rate of a chemical reaction without itself undergoing any permanent chemical change**13.** An organic acid containing the carboxyl group, -COOH.**16.** The temperature at which a substance boils and turns to vapour**17.** A compound which have the same molecular formula but a different structural formula**18.** The conversion of glucose by microorganisms such as yeast into ethanol and carbon dioxide.**19.** A group of molecules attached to a backbone chain of a long molecule**20.** a sweet smelling chemical made by reacting an alcohol with an organic acid | **Down****1.** A mixture of hydrocarbons present under the earth's crust as a black sticky liquid **2.** A process that separates the components in a mixture on the bases of their different boiling points**4.** The breaking down of long chain hydrocarbon molecules a catalyst to produce smaller hydrocarbon molecules and/or hydrogen.**6.**  A formula which shows how the atoms are arranged in a molecule**7.** Organic compounds made up from the elements hydrogen and carbon only**9.** Used for fractional distillation of crude oil.**10.** Reaction of alkenes with hydrogen, water or bromine**11.** A family of organic compounds with members of the family having the same functional group and similar chemical properties**12.** A very large molecule built up of a number of repeating units called monomers**14.** Hydrocarbon having the general formula CnH2n+2**15.** Hydrocarbon that contains one or more carbon-carbon double bonds. Alkenes with only one carbon-carbon double bond have the general formula CnH2n |