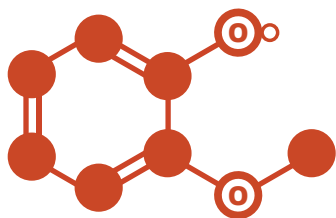


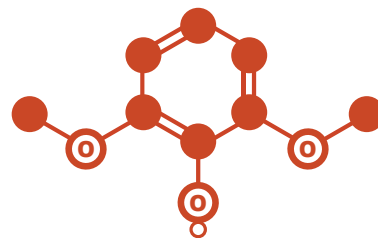
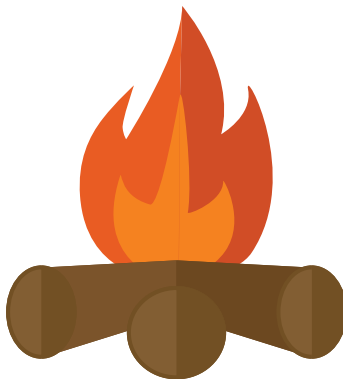
CHEMISTRY ADVENT 2017

23

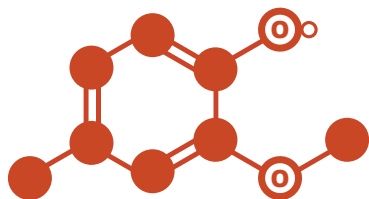
THE SMELL OF WINTER FIRES






GUAIACOL



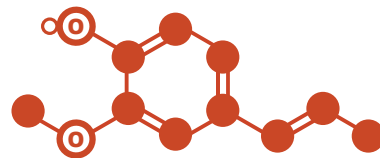
SYRINGOL



4-METHYLGUAIACOL

-  Carbon
-  Oxygen
-  Hydrogen

*Hydrogens on carbon atoms implied;
each carbon has 4 bonds.*



ISOEUGENOL

Smoke from winter wood fires contains hundreds of volatile compounds, a number of which contribute to its aroma. Phenolic compounds are particularly important contributors; syringol and guaiacols have sweet, smoky aromas, whereas isoeugenol has a spicy woody aroma. Phenol and cresols contribute pungent aromas.



© Andy Brunning/Compound Interest 2017 - www.compoundchem.com | @compoundchem
Shared under a Creative Commons Attribution-NonCommercial-NoDerivatives licence.

