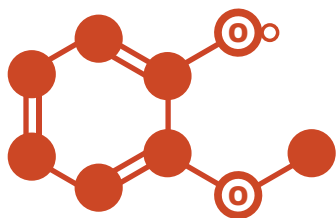


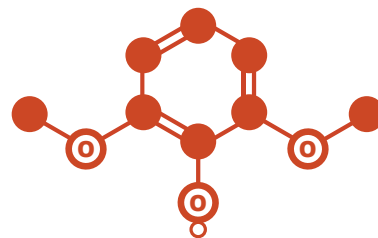
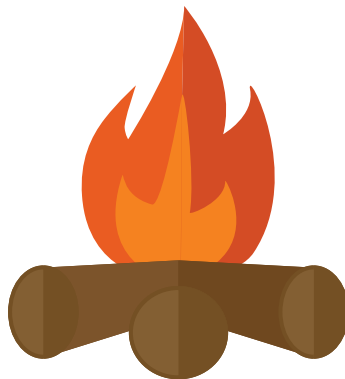
CHEMISTRY ADVENT 2016

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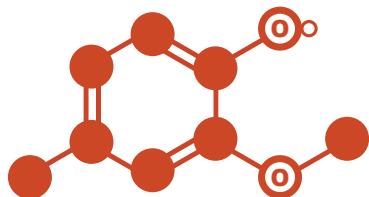
THE SMELL OF LOG FIRES



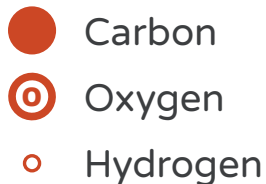
GUAIACOL



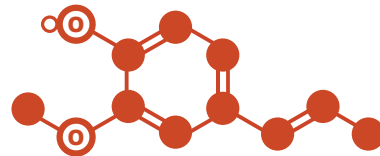
SYRINGOL



4-METHYLGUAIACOL



*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.



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