



**Compositional Differences between Suwannee River Fulvic Acid Fractions:** Summarized are MS<sup>2</sup> and H/D exchange data. Together, they indicate that early eluting fractions have a high carboxylic acid content while late eluting fractions have a higher alcohol and ether (especially methyl ether) content. Thus, late eluting fractions retain more of the characteristics of precursor material such as lignin and tannins suggesting that this material is newer / less oxidized whereas late-eluting material represent the older/more oxidized material.