

Supporting Information:

Figure S-1.

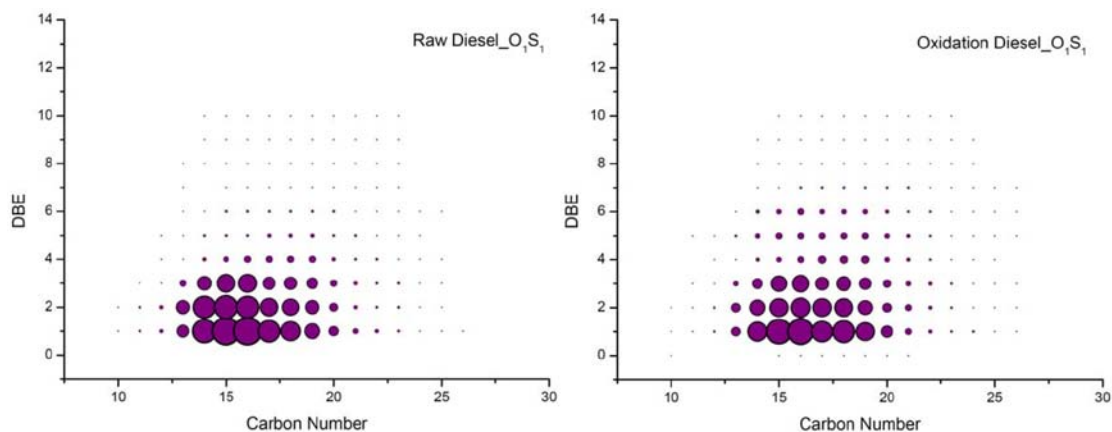


Figure S-1. Plots of double bond equivalents (DBE) as a function of carbon number for the O₁S₁ class derived from the positive-ion ESI FT-ICR mass spectrum of the raw and oxidized diesel samples (Figure 3).

Note: The largest dot correspond to the most abundant O₁S₁ species in the sample. Even if the relative abundance of a given species is the same for two samples, its not always means the two samples have the same absolute abundance on the species.