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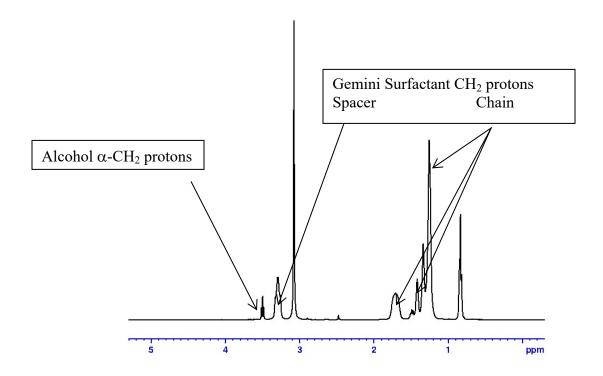


Figure S1 - ¹H NMR spectrum for the system 6 μ L C₄OH in 50 mg/mL 10-6-10 Gemini surfactant. The α -CH₂ protons used to determine the alcohol diffusion coefficient in the aggregated system are indicated on the Figure.

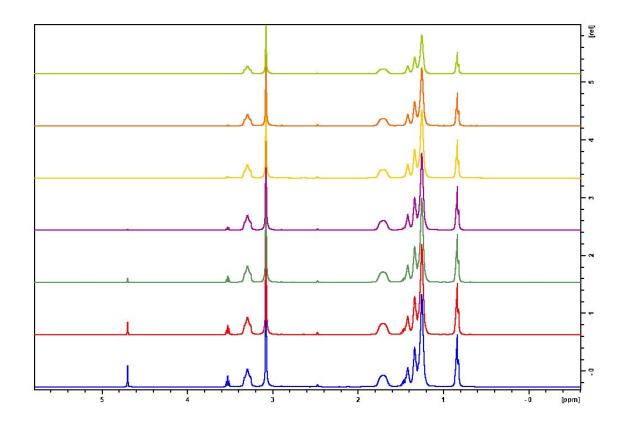


Figure S2 – Stacked plot for the system 6 μ L C₄OH in 50 mg/mL 10-6-10 gemini surfactant. The variation in the D values of the components in the mixture are readily apparent from the differential attenuation of the water peak (4.70 ppm), the alcohol protons (the α -CH₂ protons at \sim 3.5 ppm), and surfactant resonances.