

**Figure S1**. DOSY spectra of authentic **(A)** collagen from bovine achilles and **(B)** fish oils. The gradient strength is from 2% to 95% of the maximum magnetic field strength 48.15 G/cm; **(C)** and **(D)** are the slices of 95% of the maximum magnetic field strength of **(A)** and **(B)**, respectively; **(E)** and **(F)** are spectral data after binning (in black) and calculated components (in red).