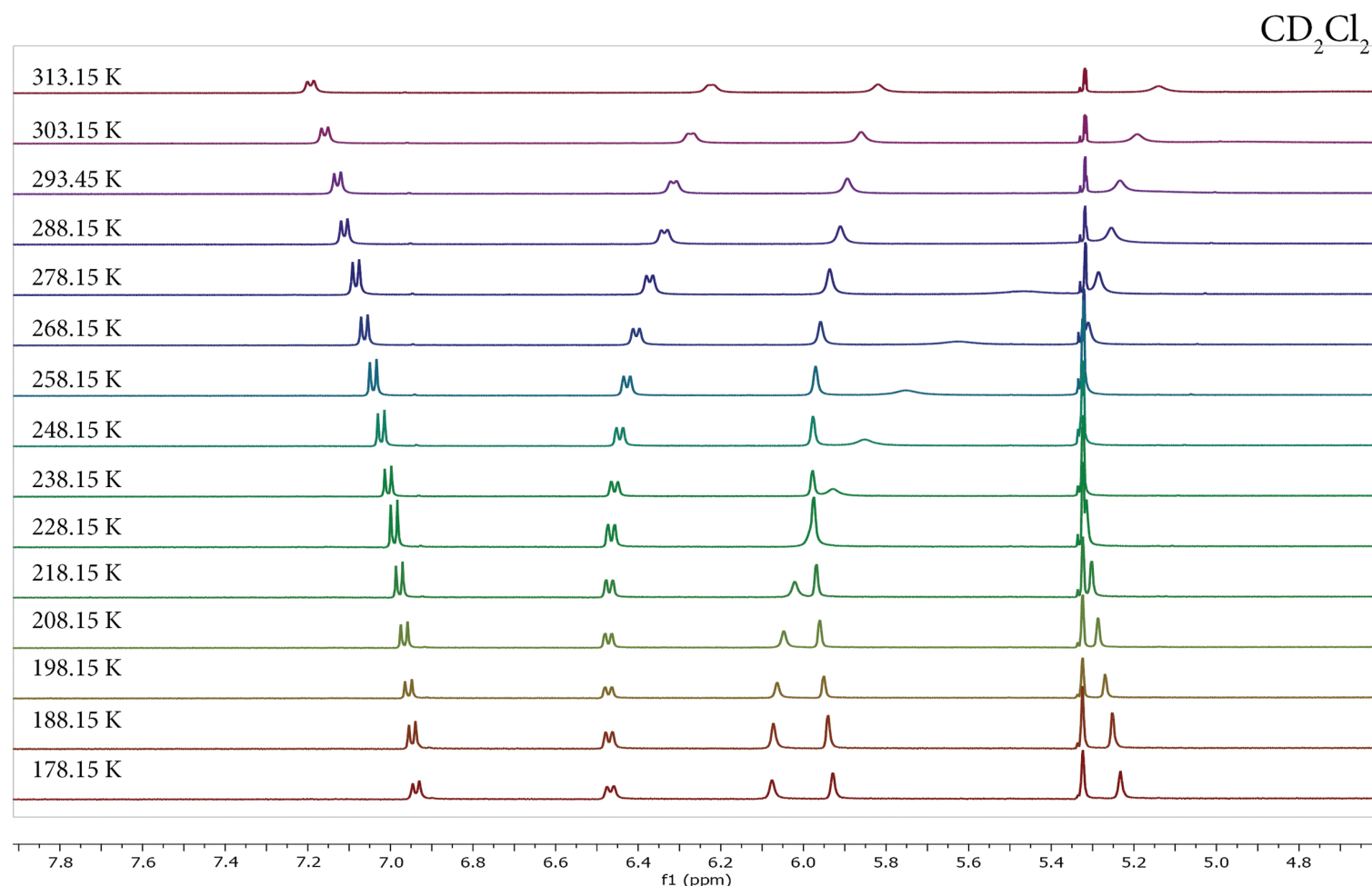


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NMR is Science



Redox active chromium organometallic complex

Alexander Erickson, 2015

Chemistry and Biochemistry Department | University of Notre Dame

Field strength: 500 MHz

Why is this your favorite spectrum?

Besides the pretty colors shown in the figure, I like this group of spectra because they show that the complex exhibits nonlinear temperature dependence and suggests there is a singlet-triplet equilibrium. This was easily identifiable and quantifiable with a variable-temperature experiment.