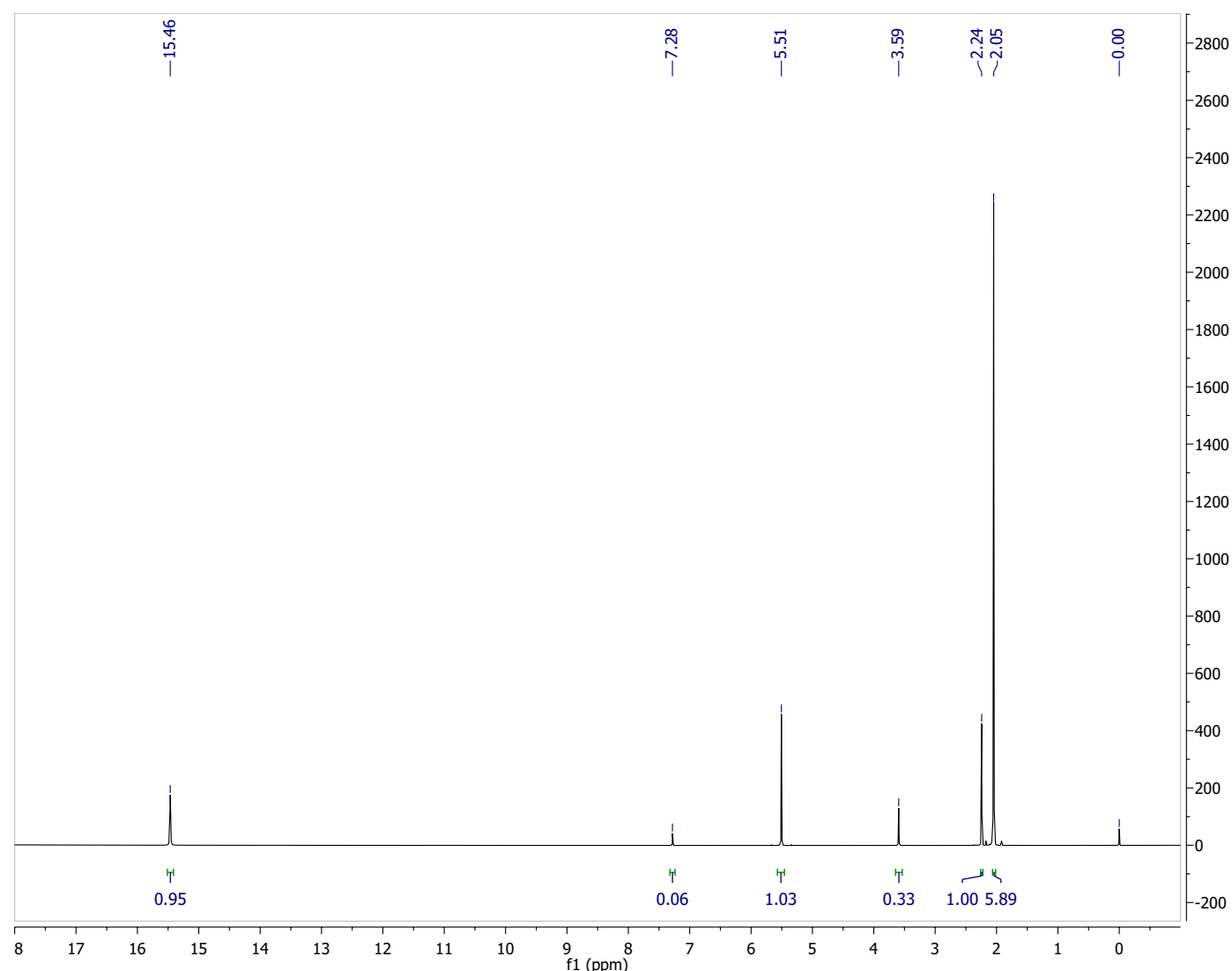




nmr is science



Acetylacetone in CDCl₃ (with TMS ref) 1H NMR

Jack Burke, 2017

Department of Chemistry | University of Vermont

Field strength: 500 MHz

Why is this your favorite spectrum?

This spectrum is my favorite because it exemplifies the keto-enol equilibrium for acetylacetone, and it shows a peak that is very far downfield (~15.5 ppm), corresponding to the proton sandwiched between the two oxygen atoms in the enol form.