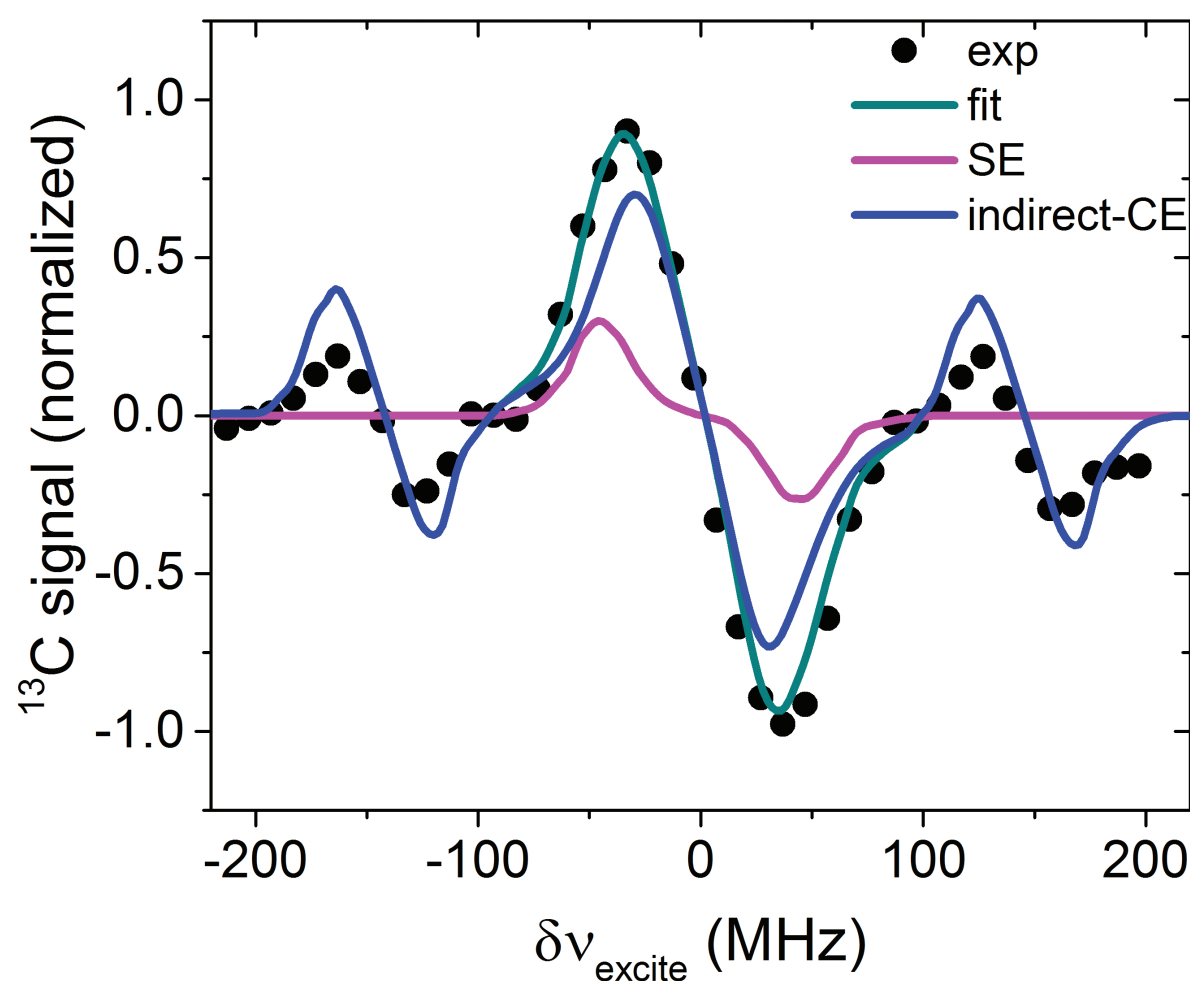


nmr is science



¹³C-DNP spectrum with trityl shows ¹H solid effect

Daphna Shimon, 2014

Chemistry Department | Washington University in St. Louis

Field strength: 144 MHz

Why is this your favorite spectrum?

I love how this spectrum of ¹³C-DNP with trityl shows additional enhancement at the frequencies corresponding to the ¹H solid effect DNP mechanism. It shows how much the electron polarization can effect the DNP enhancements.