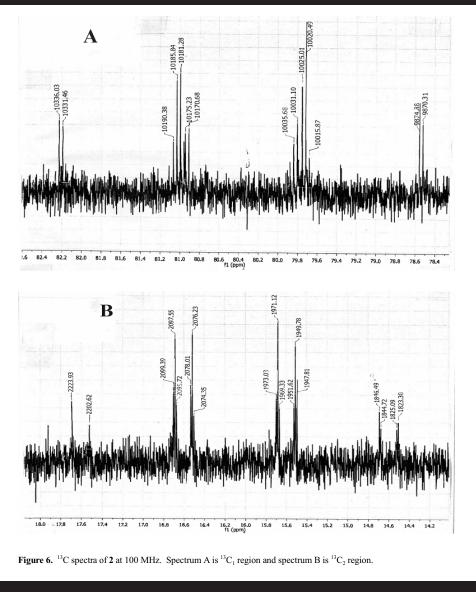
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Fluoroethane (20% in CDCl₃ in 5 mm tube at 19°C)

Ken Manatt, 2006

Earth and Space Sciences Division | Jet Propulsion Lab

Field strength: 100 MHz C¹³ (400 MHz H¹)

Why is this your favorite spectrum?

Very narrow C¹³ line widths (+-0.06 Hz) in expanded sweep widths of 40 Hz. Appear to be narrowest C¹³ observed for a fluorocarbon molecule.

Comments: It was surprising that the line widths for both C¹³s were the same!