Módulo 3 – Espectroscopia de Ressonância Magnética Nuclear (RMN)

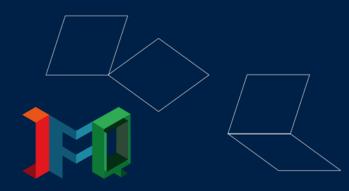
Parte 2 – Análise de espectros de ¹H



Lucas Raposo Carvalho

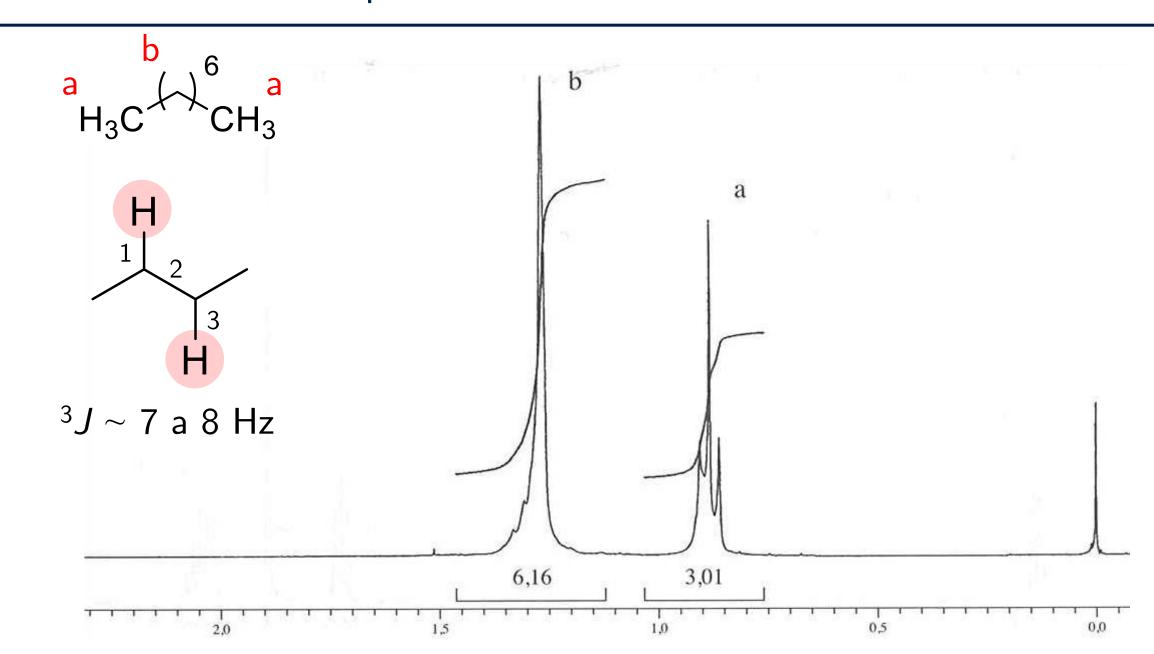
Instituto de Física e Química (IFQ) Universidade Federal de Itajubá (UNIFEI)

QUI070 - Métodos Físicos de Análise, 2025.1

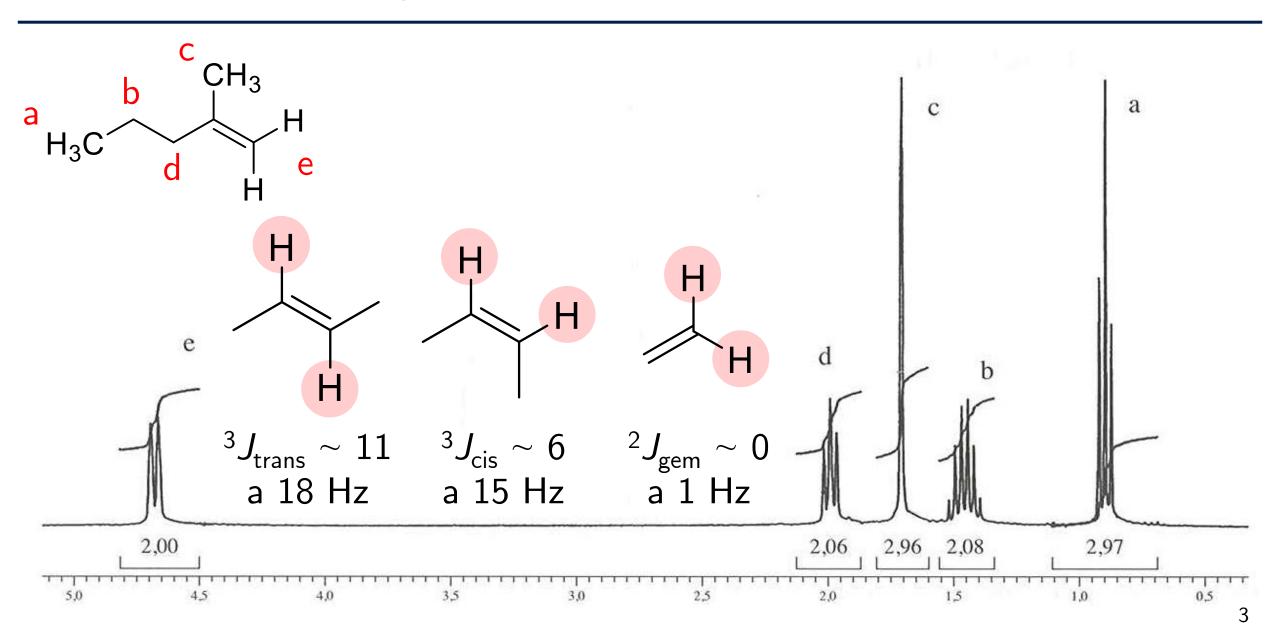




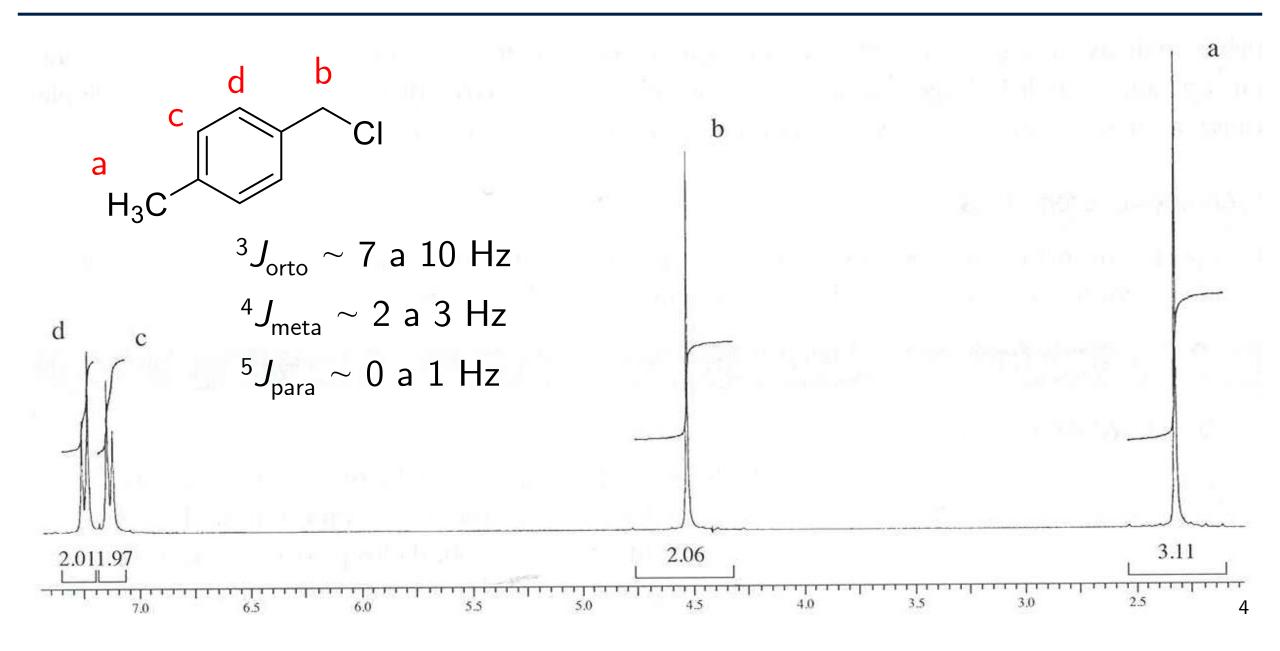
1. Espectros de RMN de ¹H de alcanos



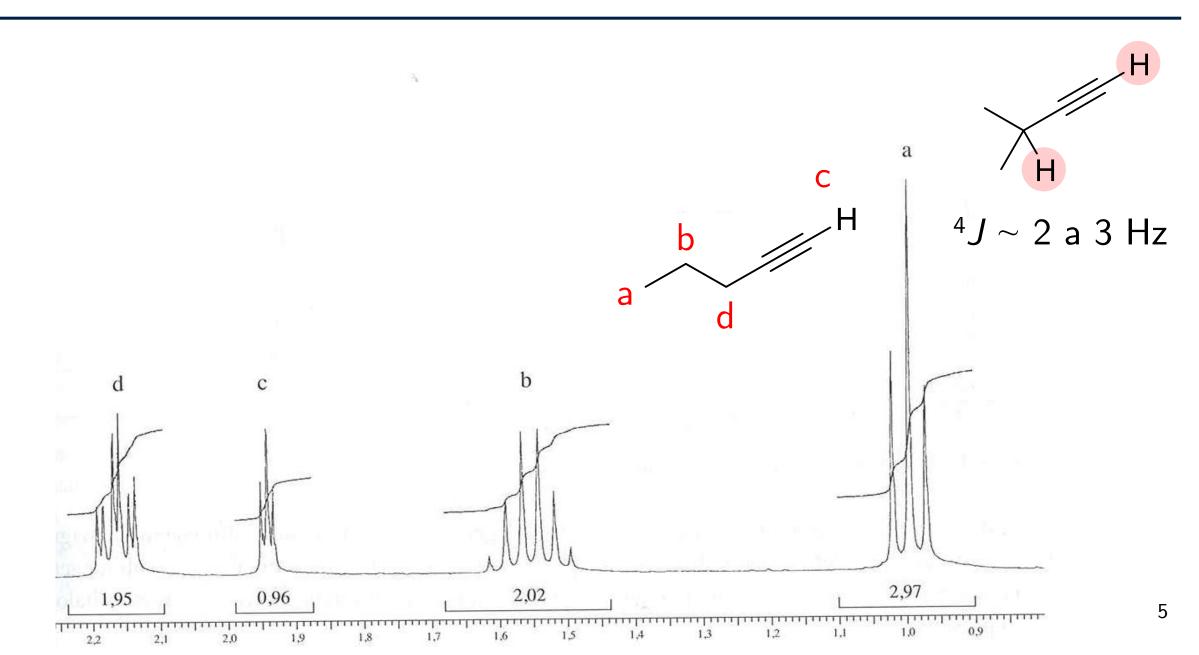
2. Espectros de RMN de ¹H de alcenos



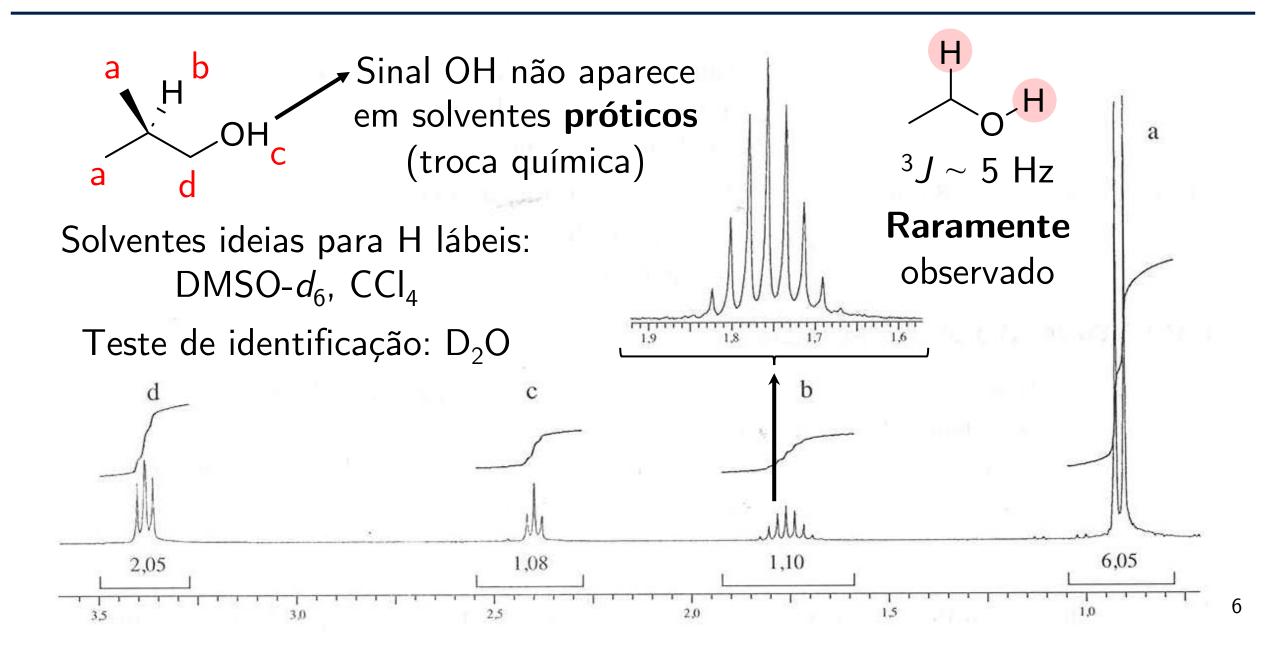
3. Espectros de RMN de ¹H de aromáticos



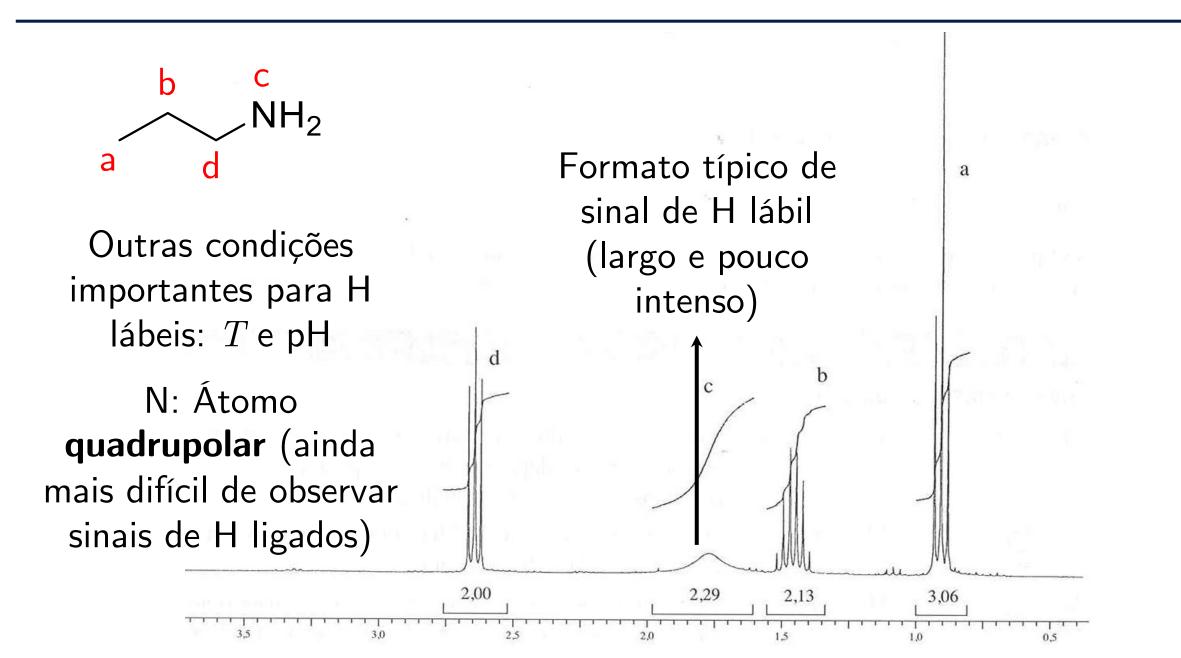
4. Espectros de RMN de ¹H de alcinos



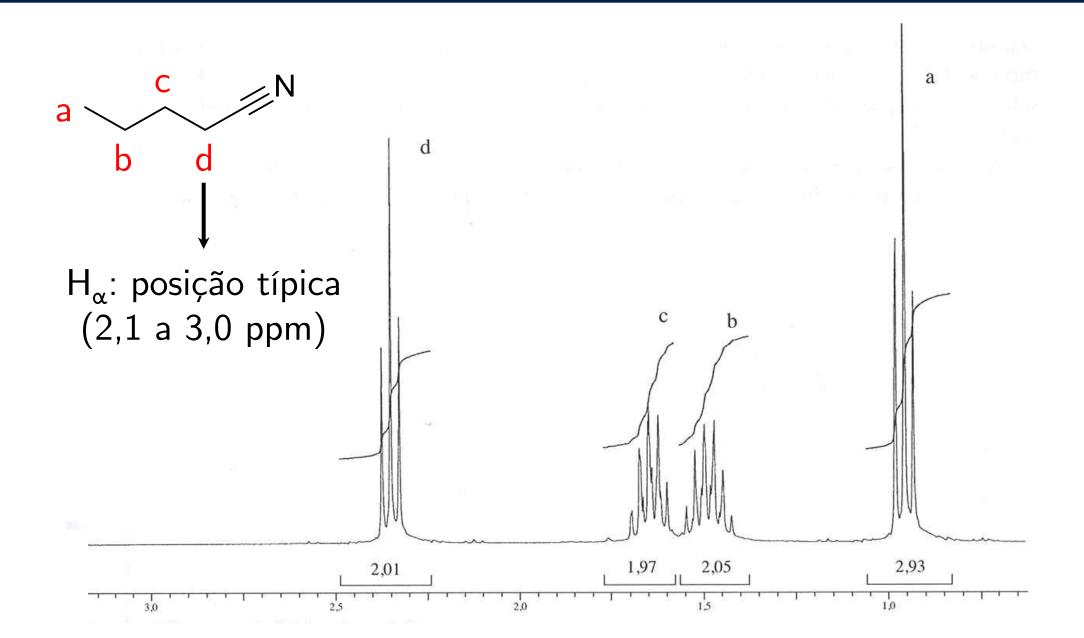
5. Espectros de RMN de ¹H de álcoois



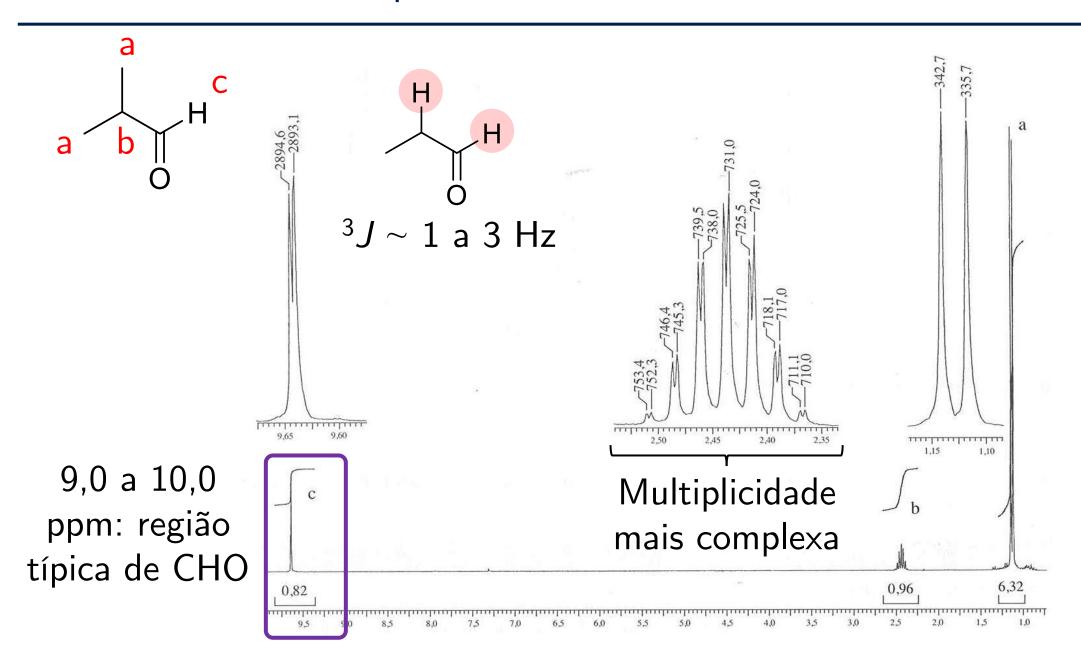
6. Espectros de RMN de ¹H de aminas



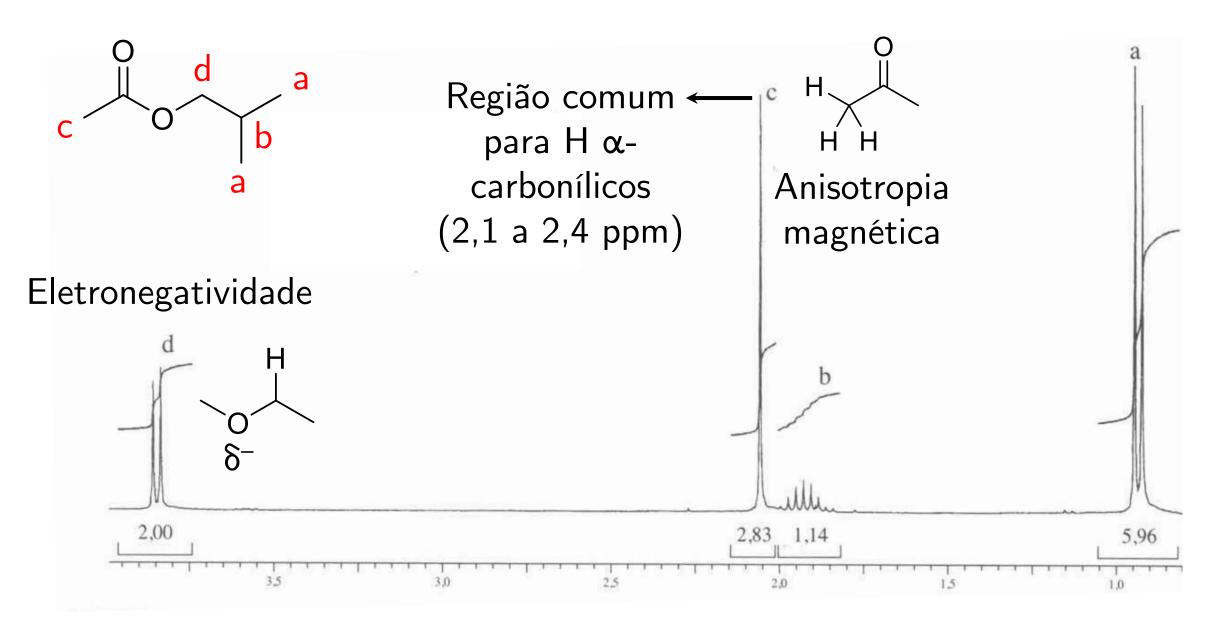
7. Espectros de RMN de ¹H de nitrilas



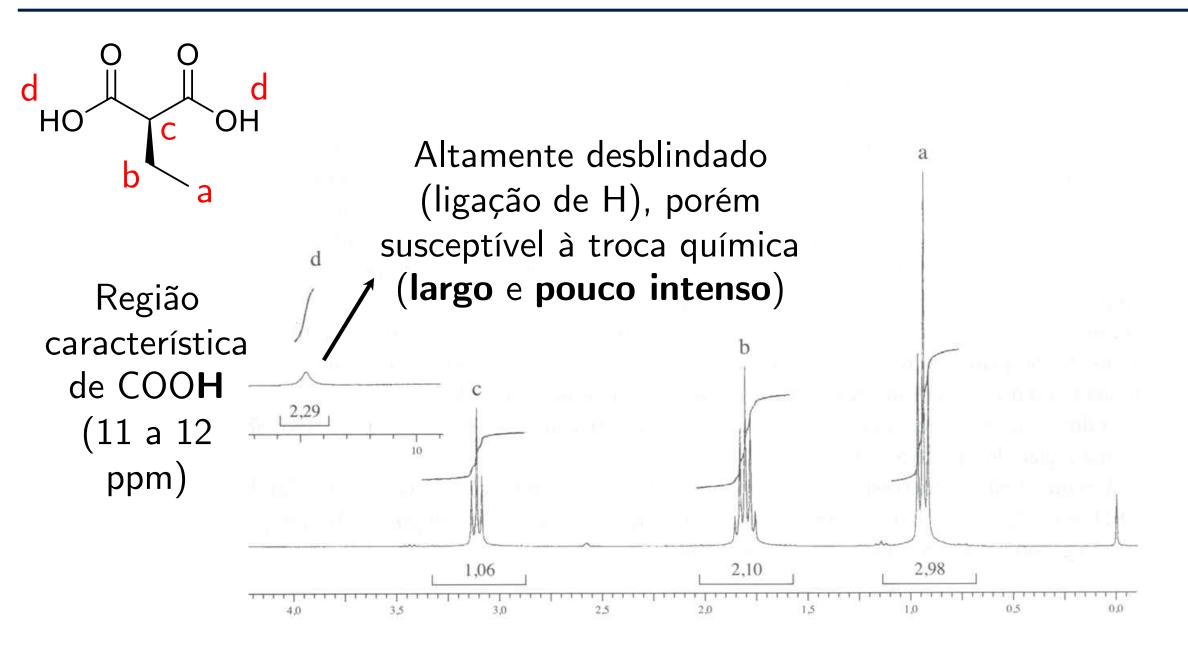
8. Espectros de RMN de ¹H de aldeídos



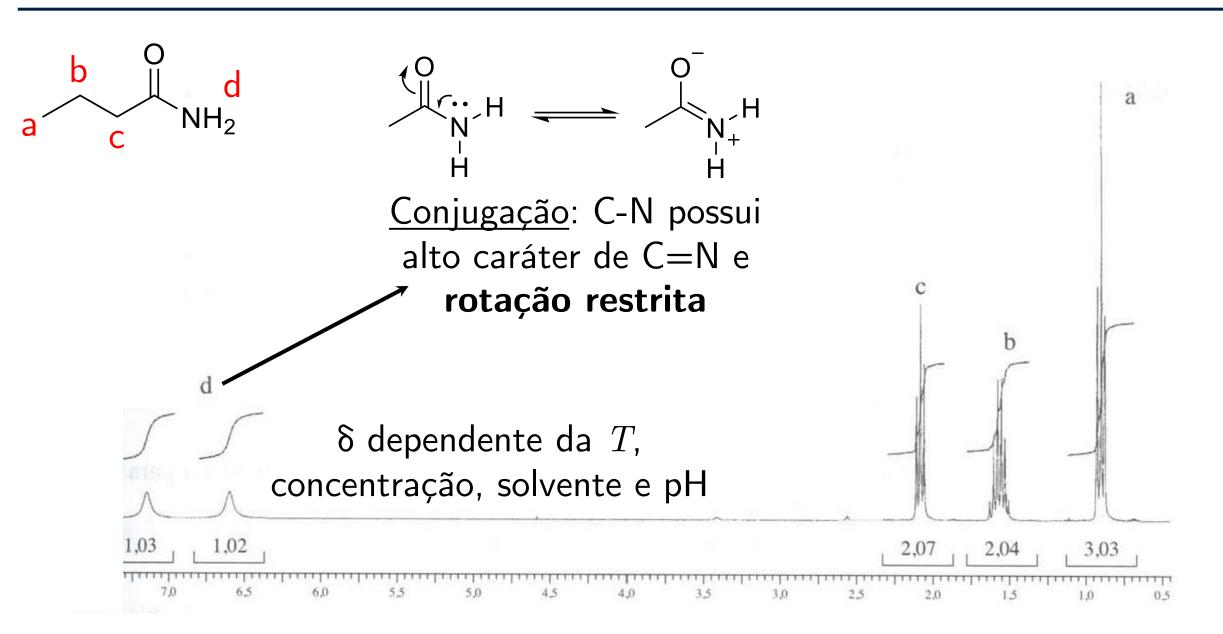
9. Espectros de RMN de ¹H de ésteres



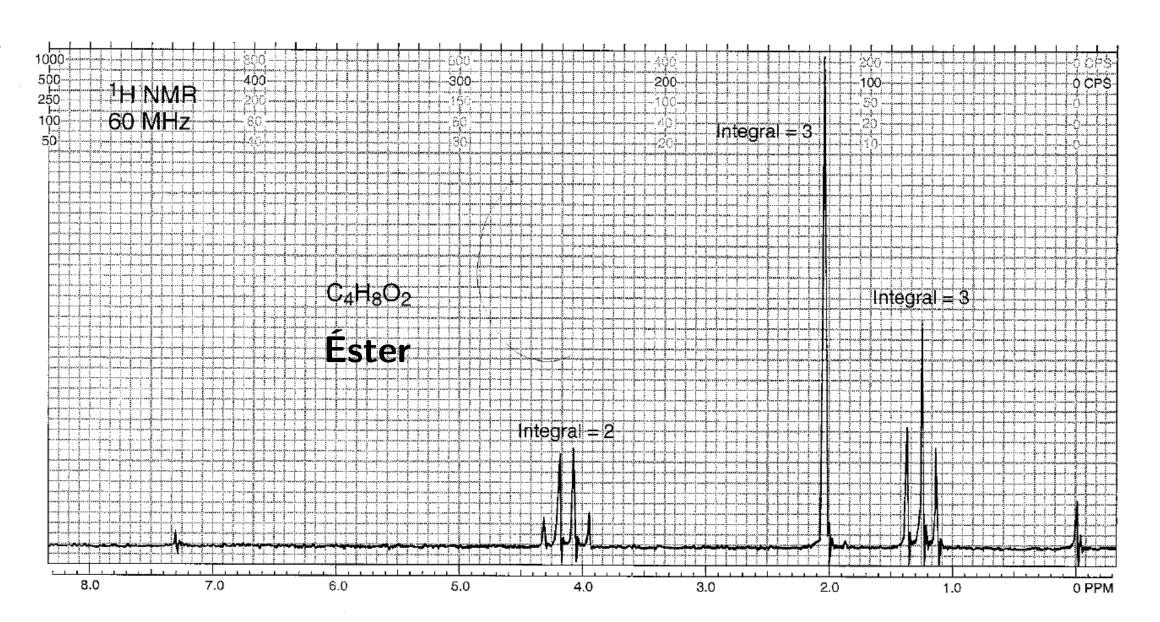
10. Espectros de RMN de ¹H de ácidos carboxílicos

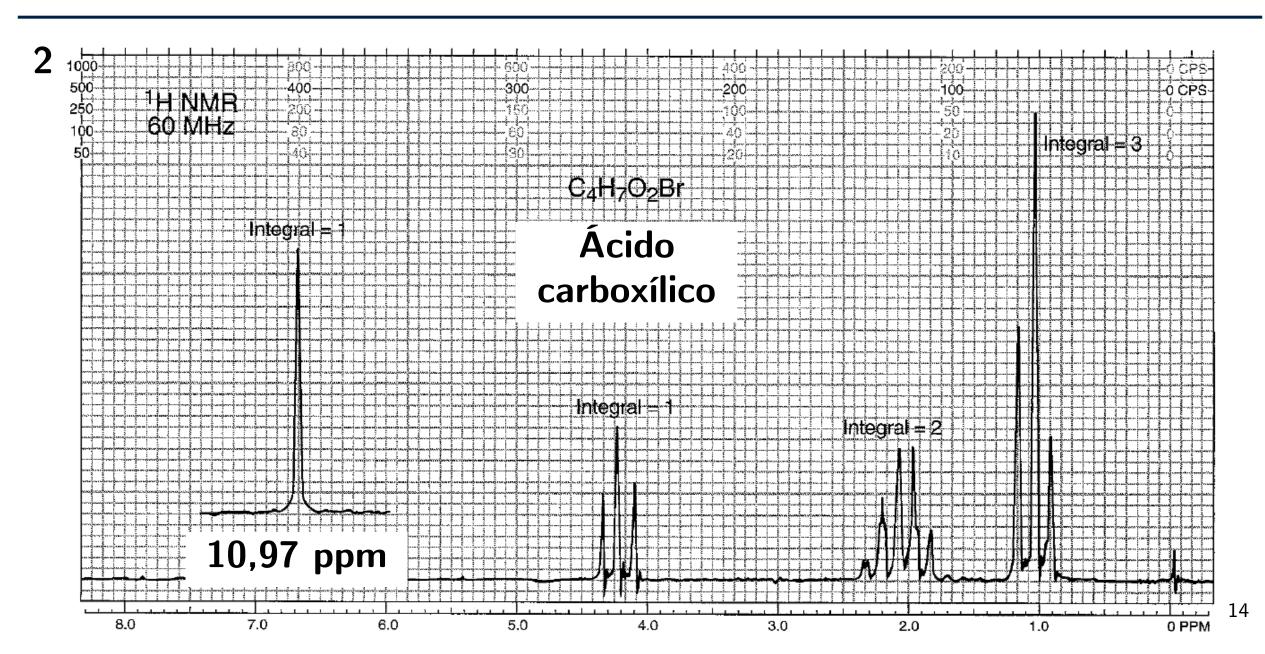


11. Espectros de RMN de ¹H de ácidos amidas

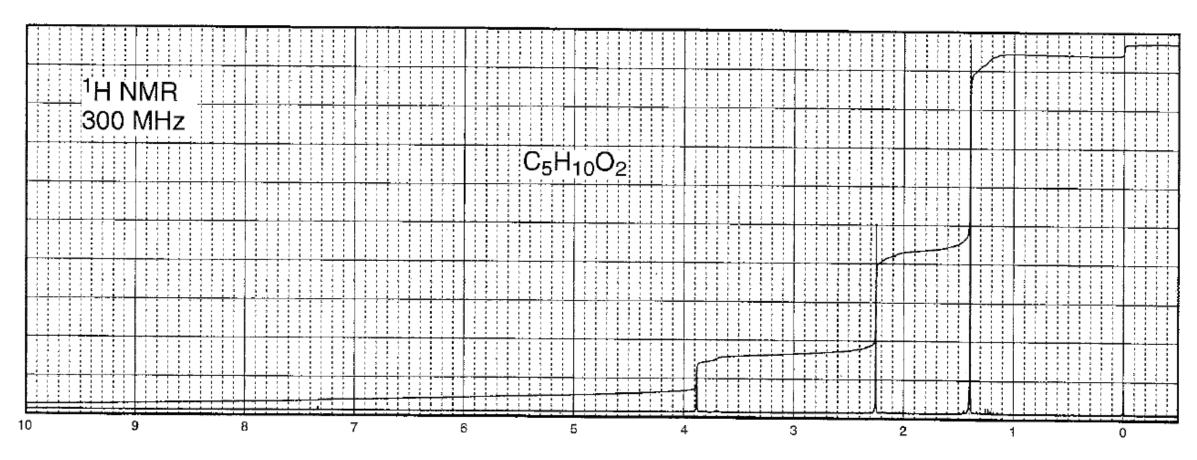








3



Infravermelho: Uma banda larga em 3450 cm⁻¹ e uma banda intensa em 1713 cm⁻¹