

SUPPLEMENTARY INFORMATION - G. Albertin *et al.*, Preparation of Diazoalkane Complexes of Iron(II)

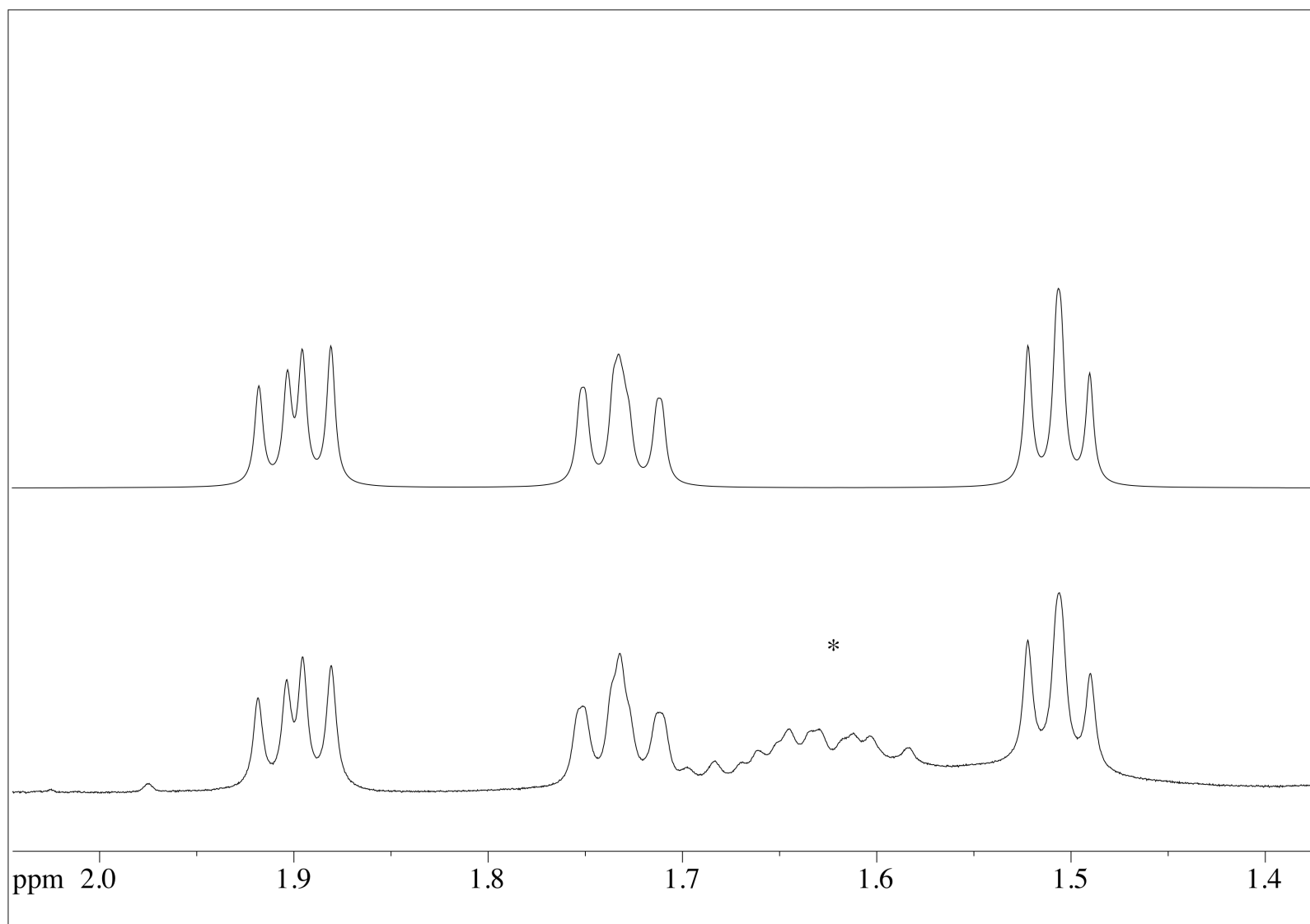


Fig. S1: ¹H NMR spectra of compound [Fe(η⁵-C₅H₅){N₂C(C₁₂H₈)}(dppe)]BPh₄ (**1c**) at 295 K in CD₂Cl₂, pyrazole ligand hydrogens. Lower, experimental; upper, simulated (see parameters in Experimental section). The asterisk indicates an impurity.

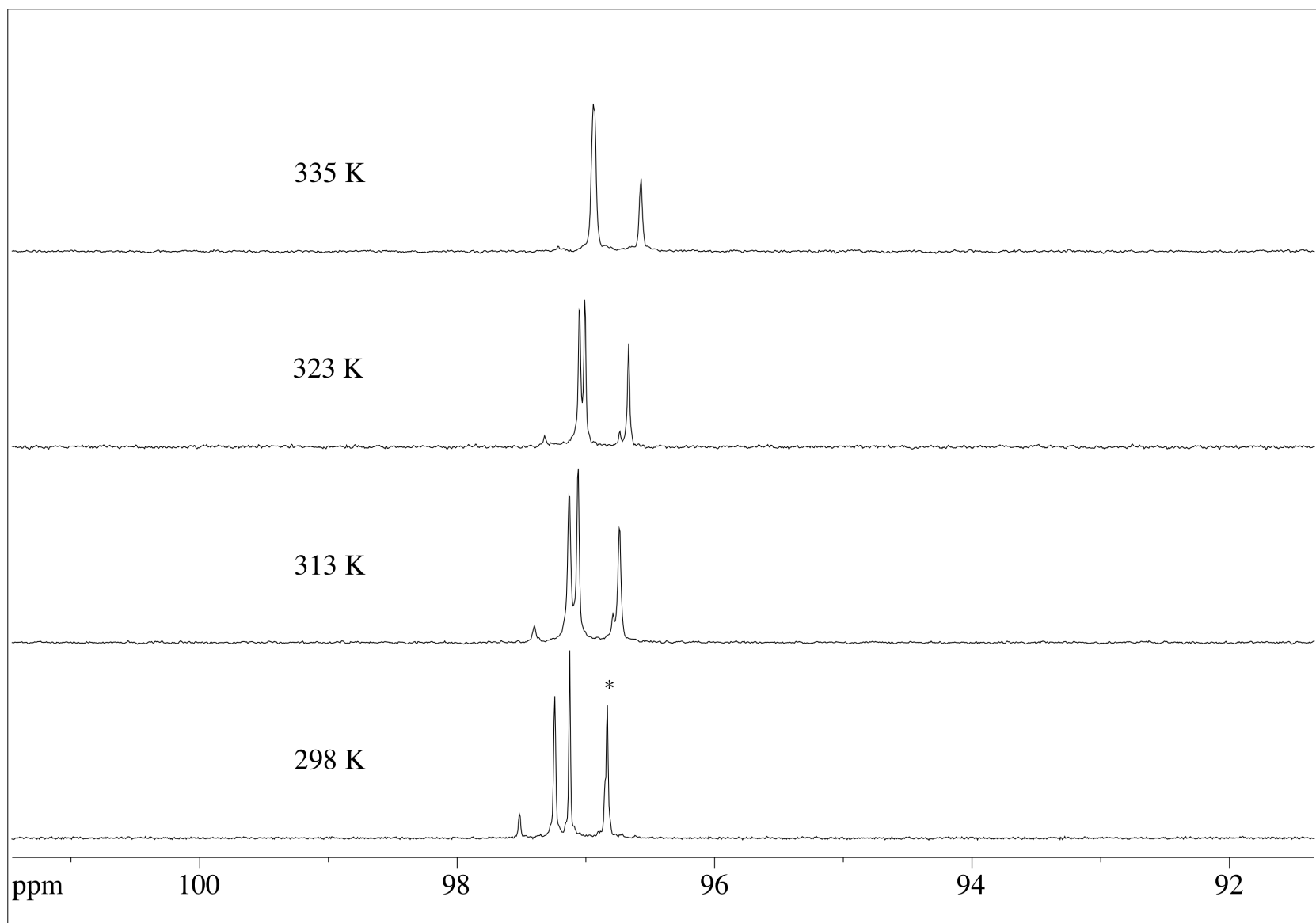


Fig. S2: $^{31}\text{P}\{^1\text{H}\}$ NMR spectra of compound $[\text{Fe}(\eta^5\text{-C}_5\text{H}_5)\{\text{N}=\text{NC}(\text{C}_{12}\text{H}_8)\text{CH}(\text{CN})\text{CH}_2\}(\text{dppp})\text{BPh}_4$ (**5**) in $(\text{CD}_3)_2\text{CO}$ at variable temperatures. The asterisk indicates a known impurity (see text for explanation).