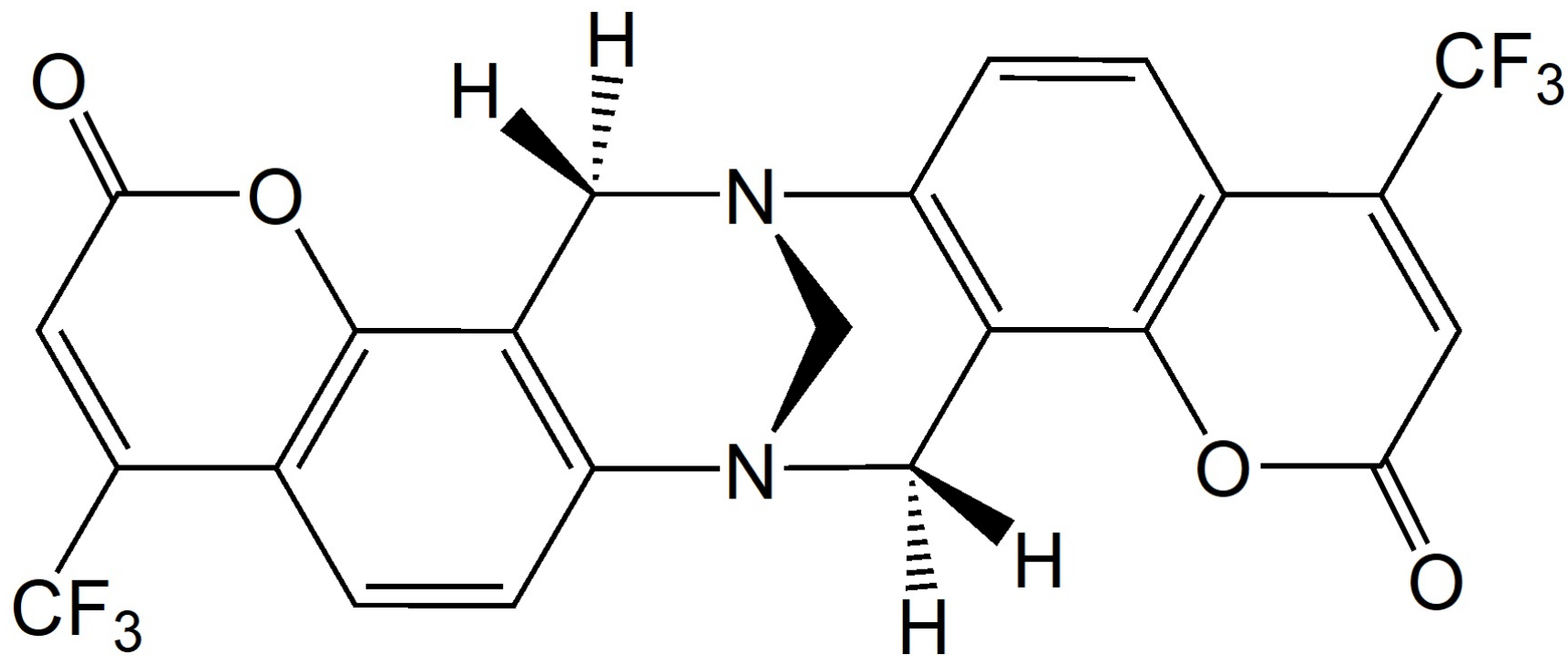


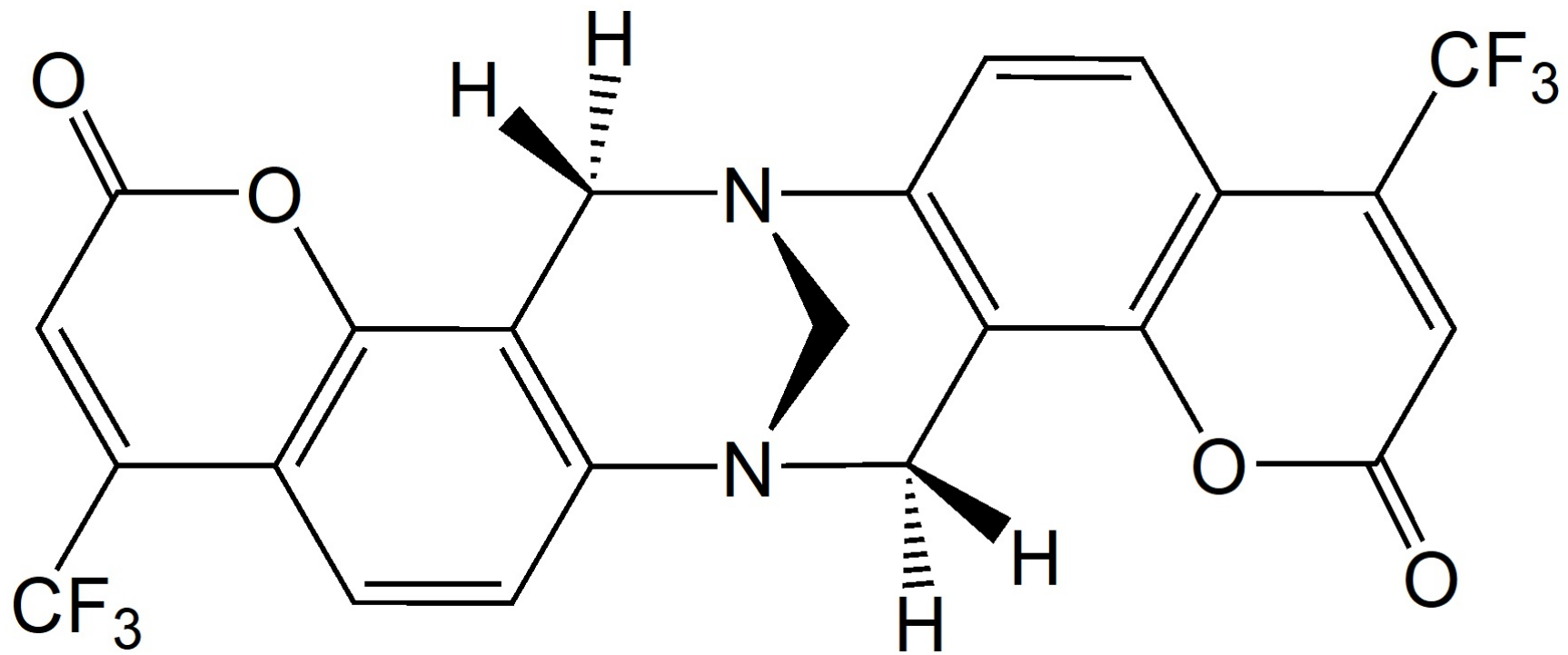
Přímo k jednotlivým atomům přiřaďte chemické posuny (dvě desetinná místa) jader ^1H , ^{13}C , ^{15}N a ^{19}F , a kde lze uveďte multiplicitu a interakční konstanty (na jedno desetinné místo).

Datum _____ Kruh _____

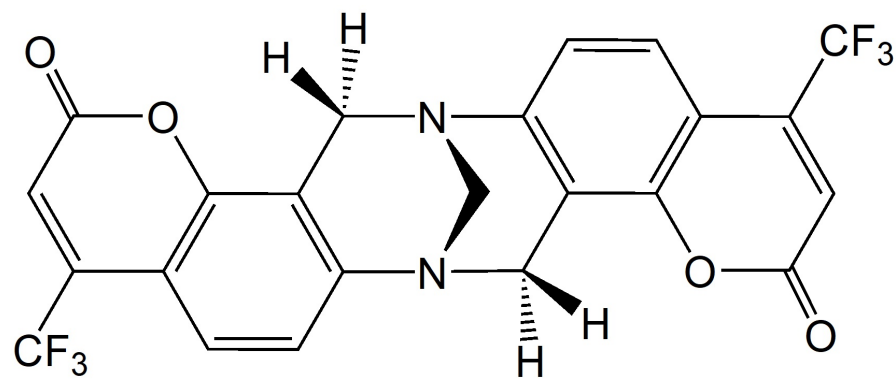
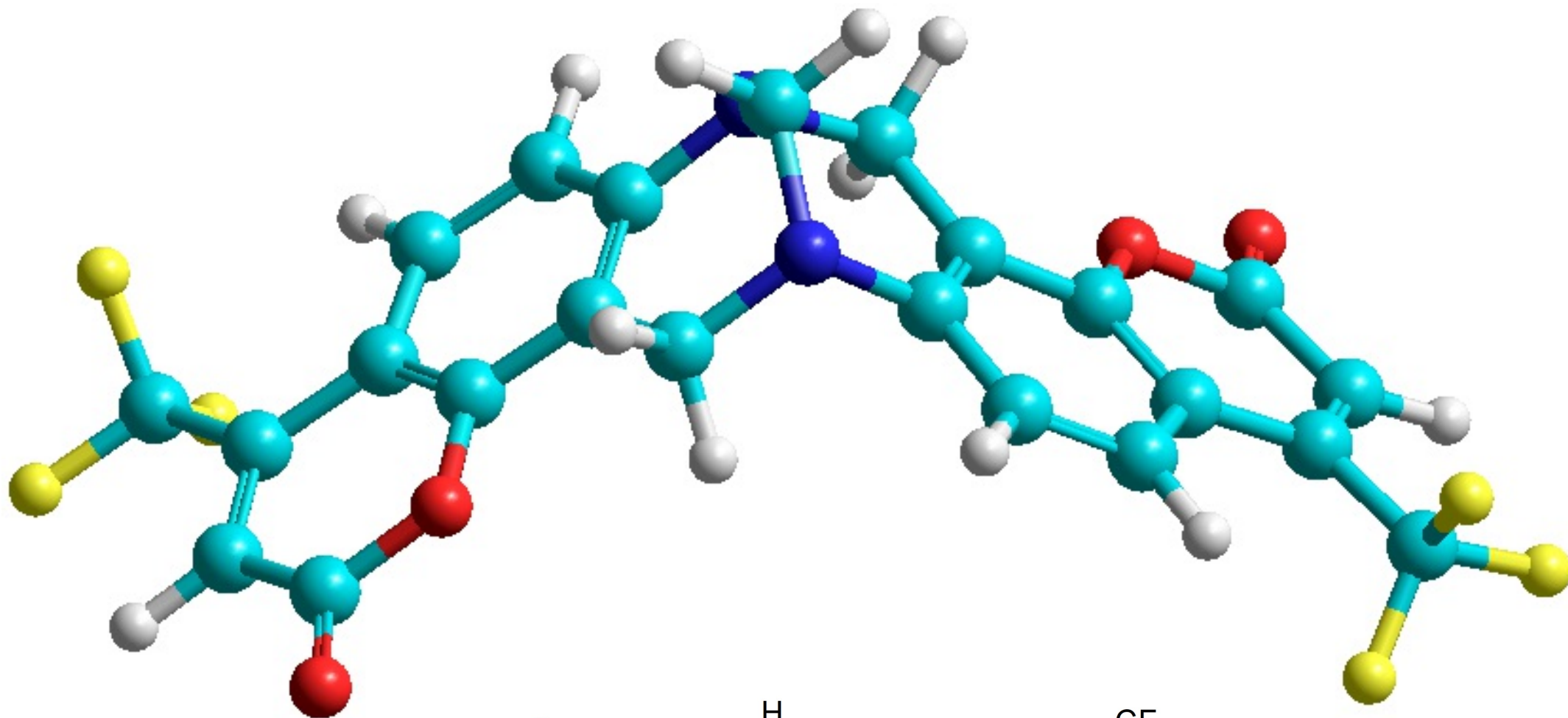
Jméno a příjmení _____

Tento list odevzdáváte, ostatní si můžete odnést k samostudiu a přípravě na ústní část.

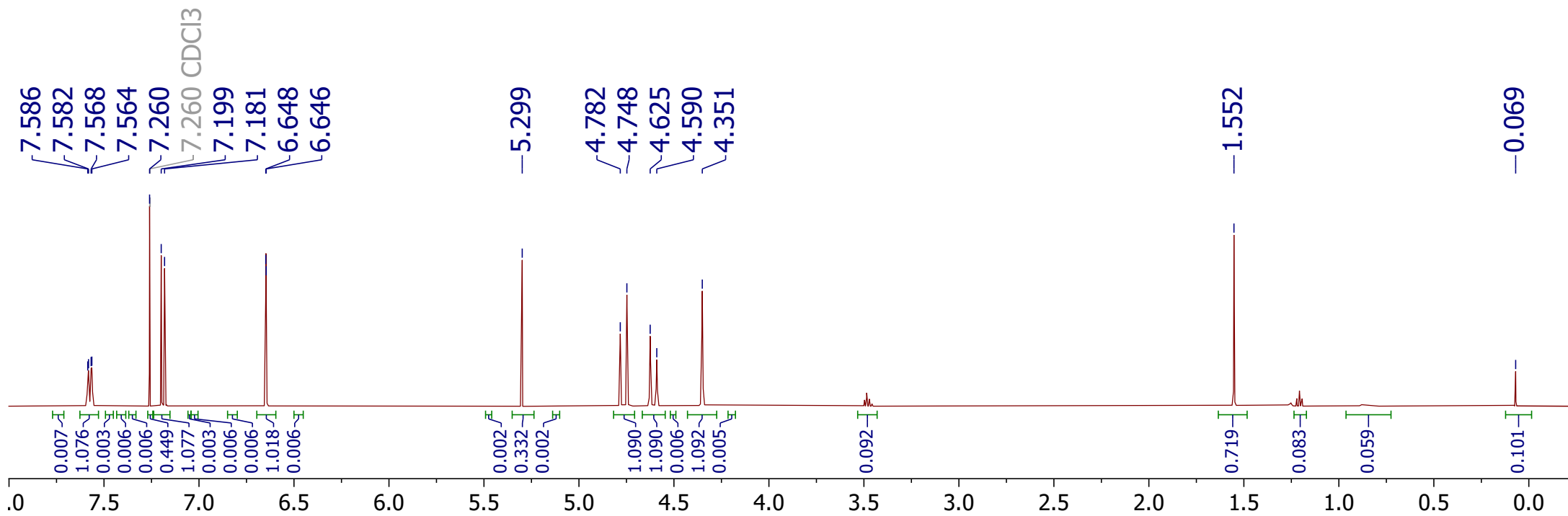




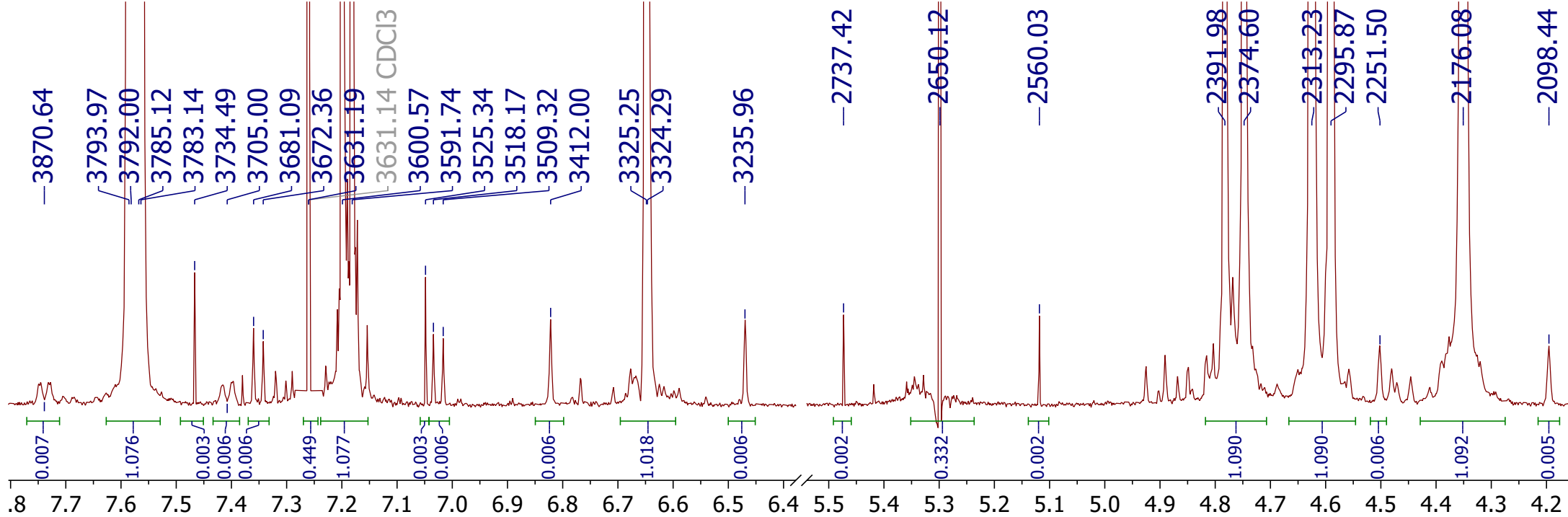
3D model látky (optimalizace PM3)



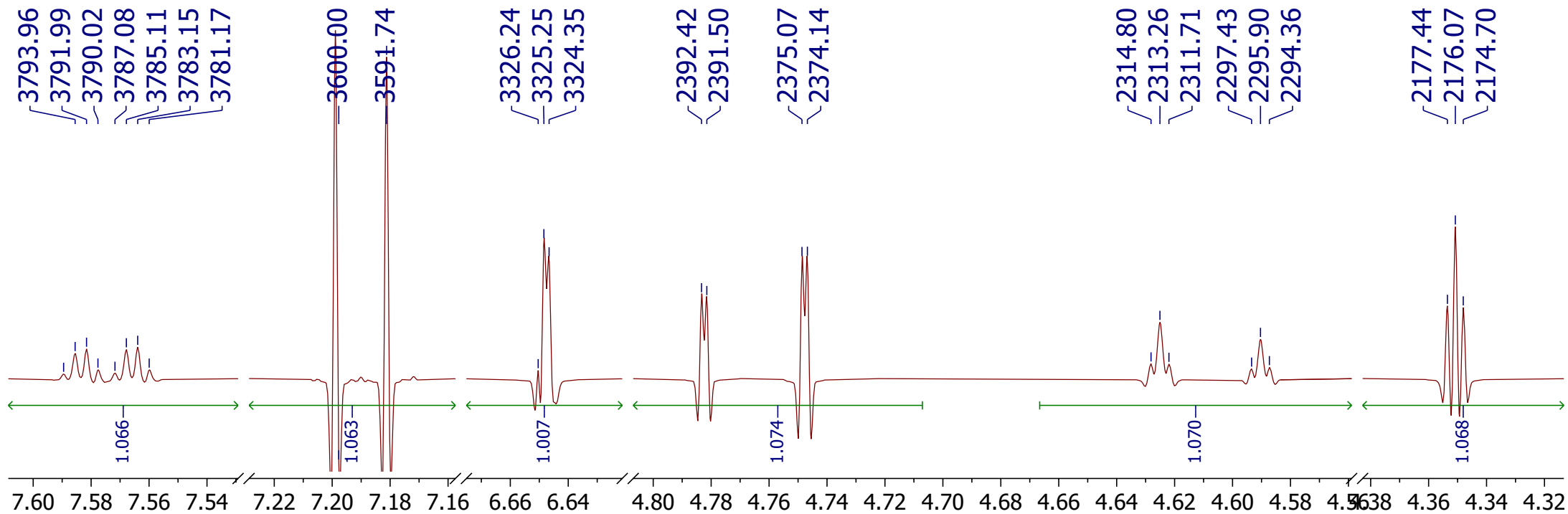
1H NMR (500 MHz)



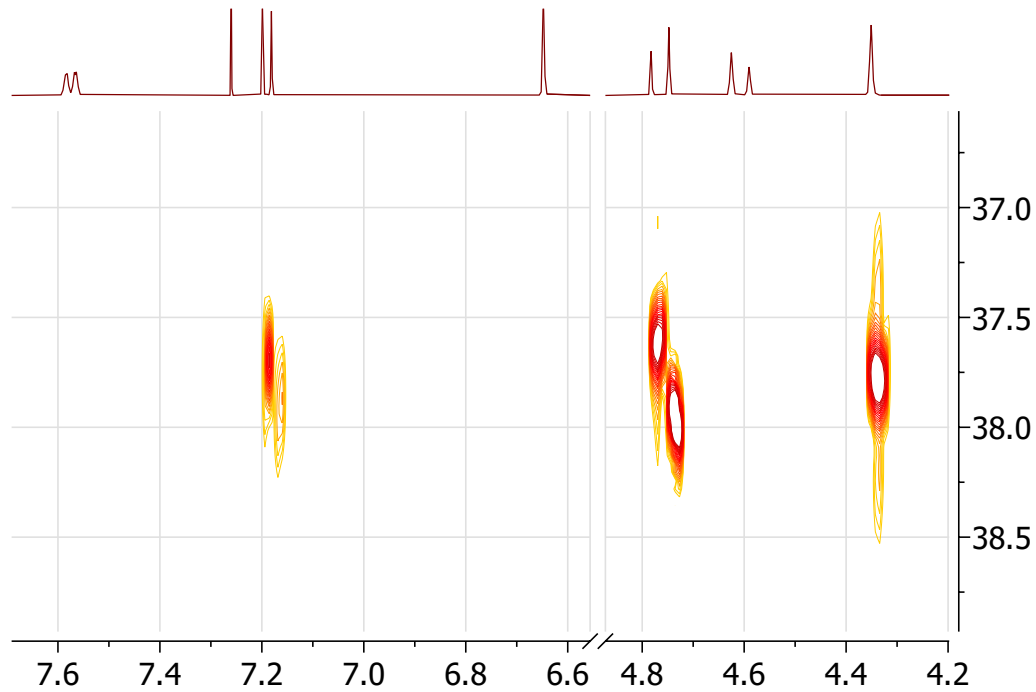
1H NMR (500 MHz)



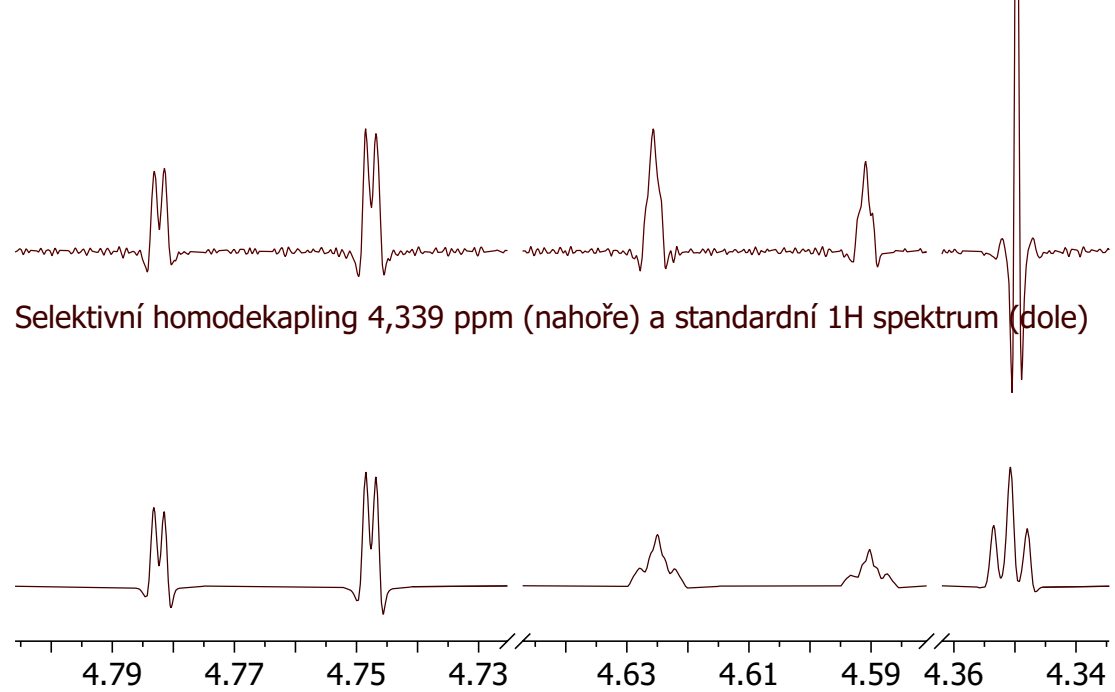
1H NMR (500 MHz)



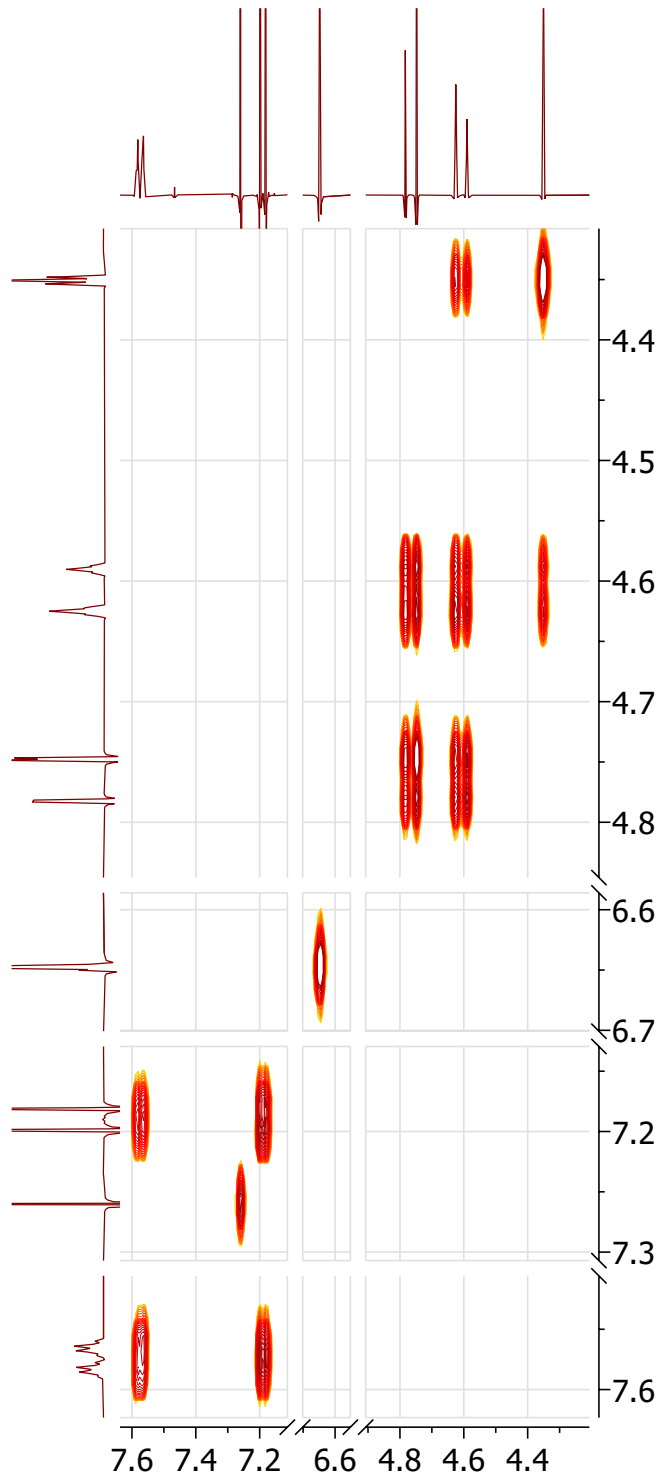
1H-15N HMBC NMR



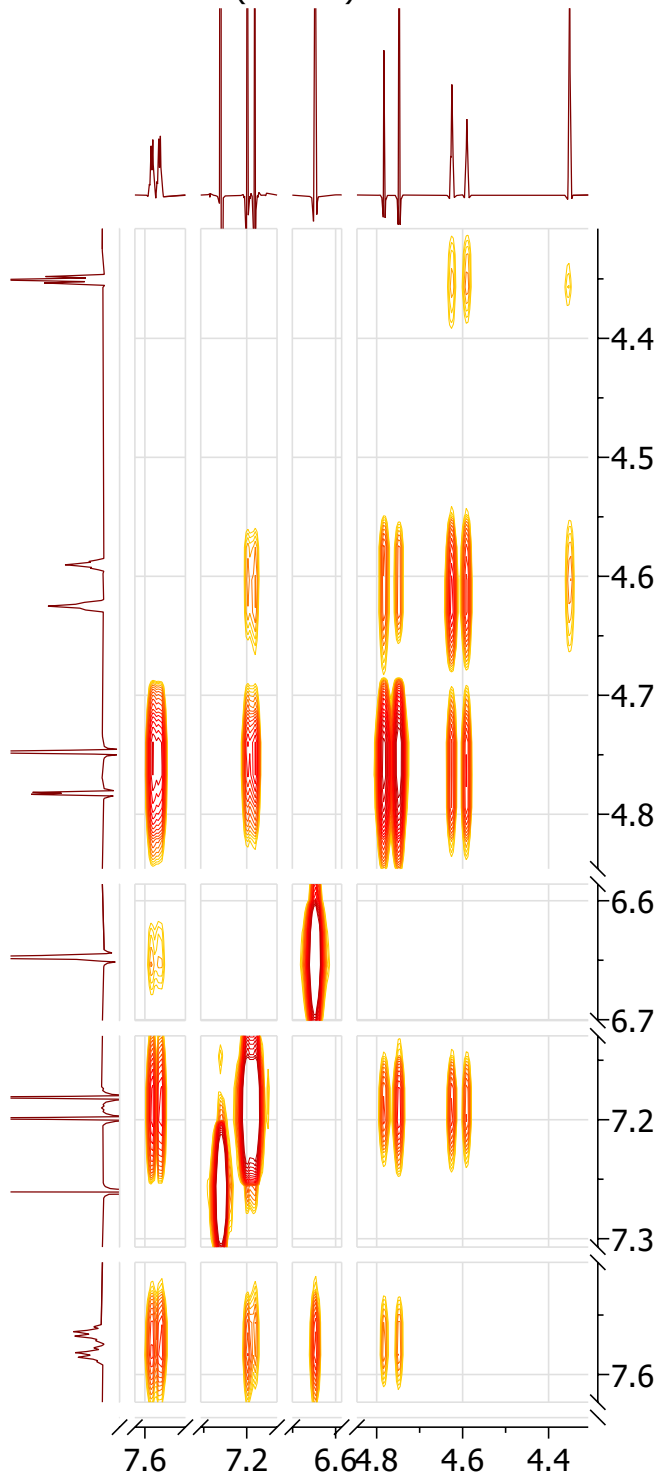
Selektivní homodekapling 4,339 ppm (nahore) a standardní 1H spektrum (dole)



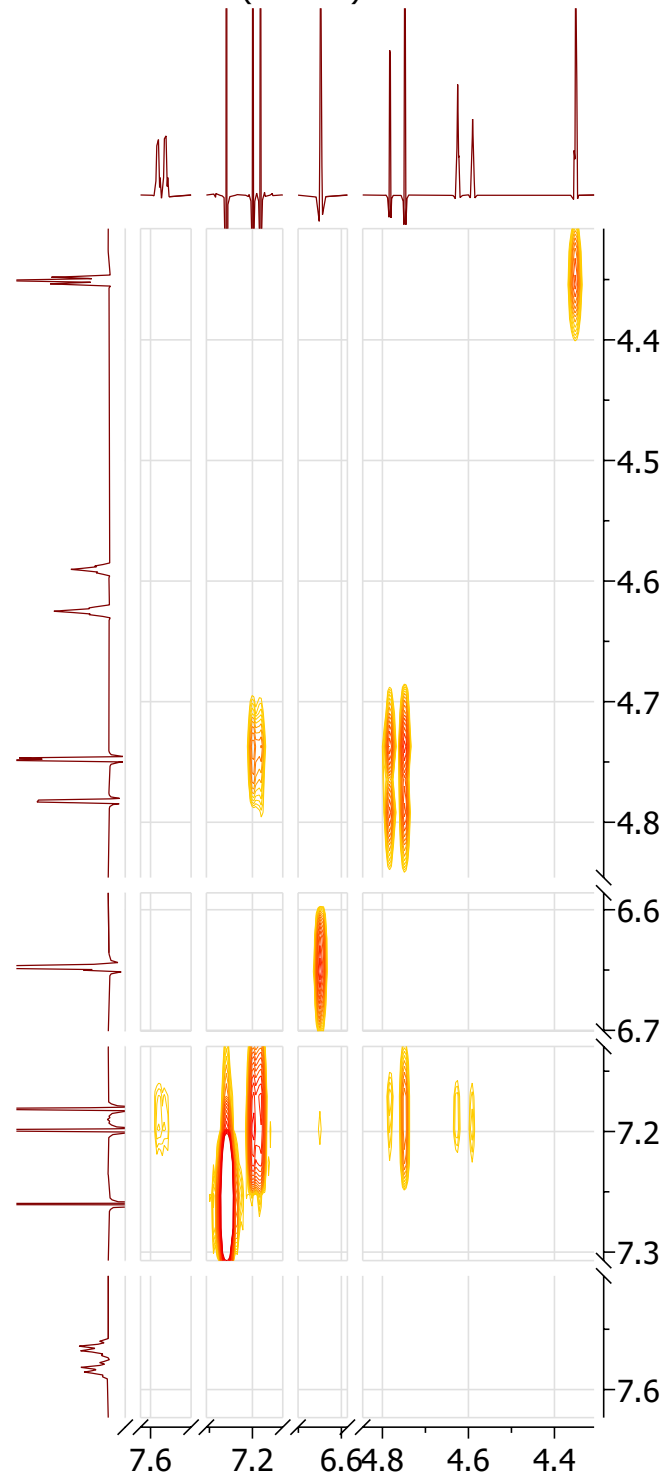
1H-1H COSY



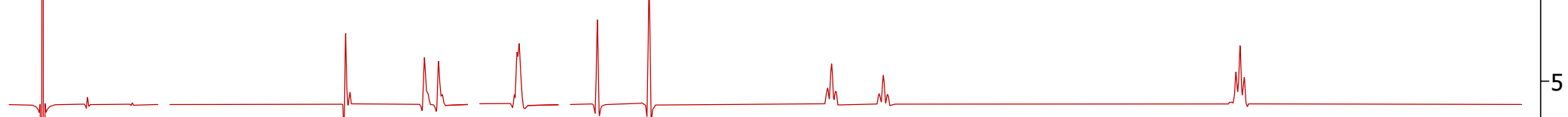
1H-1H LR-COSY (320 ms)



1H-1H LR-COSY (800 ms)



HG-13, po CC_single_pulse_acq_homodec_7.562ppm-1-1.jdf



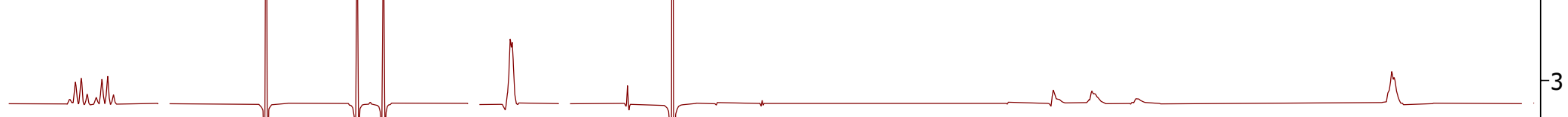
1H spektrum se selektivním homodekaplingem

HG-13, po CC_single_pulse_acq_homodec_6.637ppm-1-1.jdf



1H spektrum se selektivním homodekaplingem

HG-13, po CC_single_pulse_acq_homodec_4.752ppm-1-1.jdf



1H spektrum se selektivním homodekaplingem

HG-13, po CC_single_pulse_acq_homodec_4.595ppm-1-1.jdf



1H spektrum se selektivním homodekaplingem

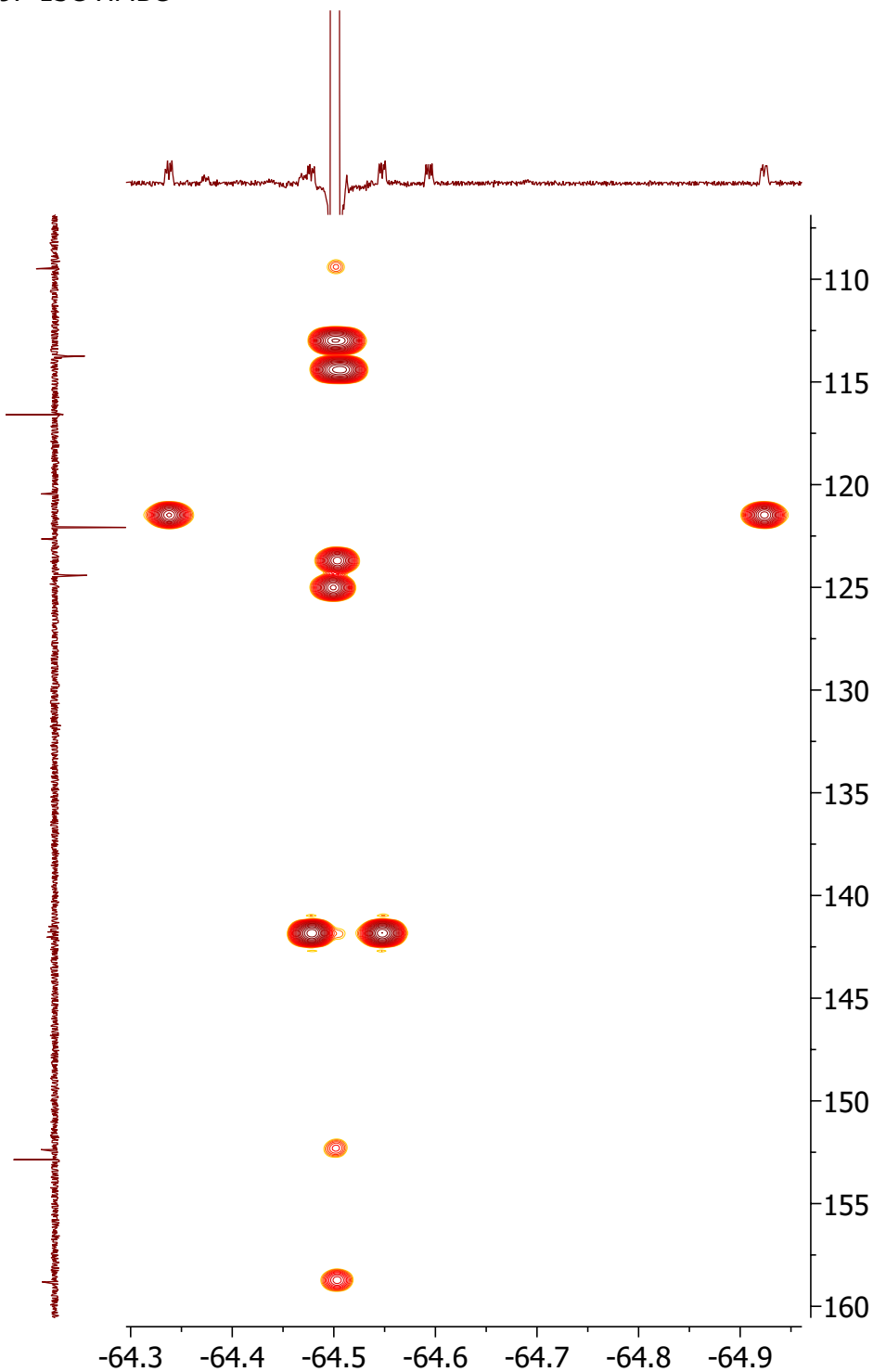
HG-13, po CC_proton-2-1.jdf



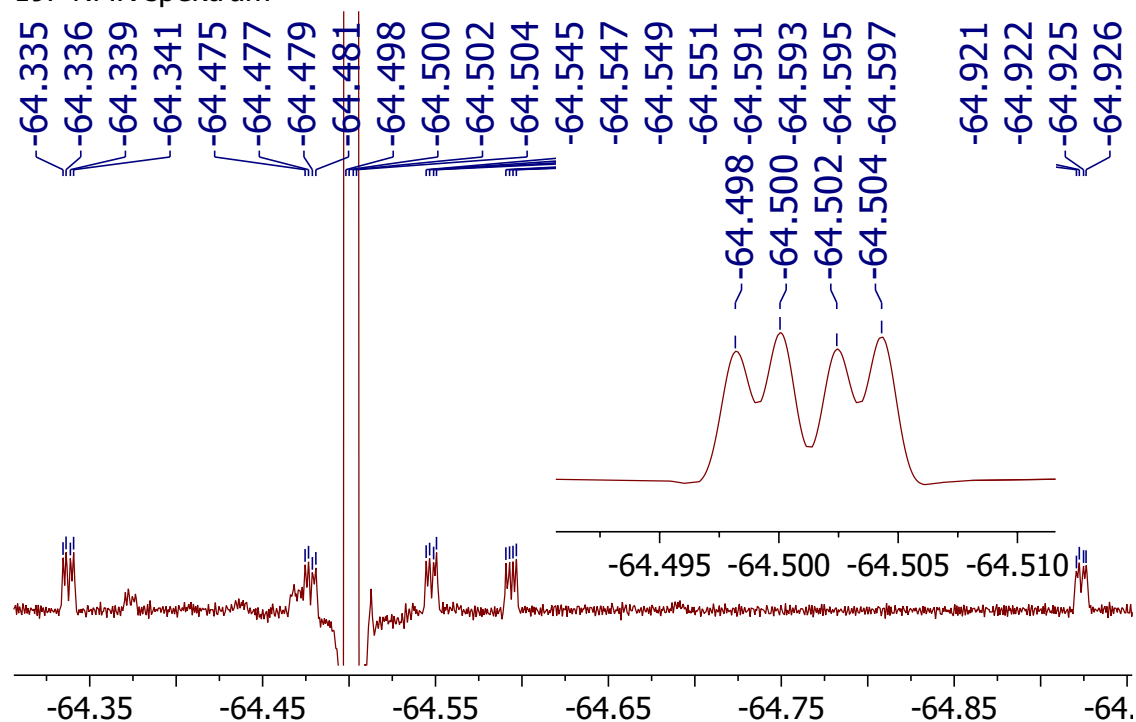
standardní 1H spektrum

7.60 7.55 7.30 7.25 7.20 7.15 6.65 4.80 4.75 4.70 4.65 4.60 4.55 4.50 4.45 4.40 4.35 4.30 4.25 4.20

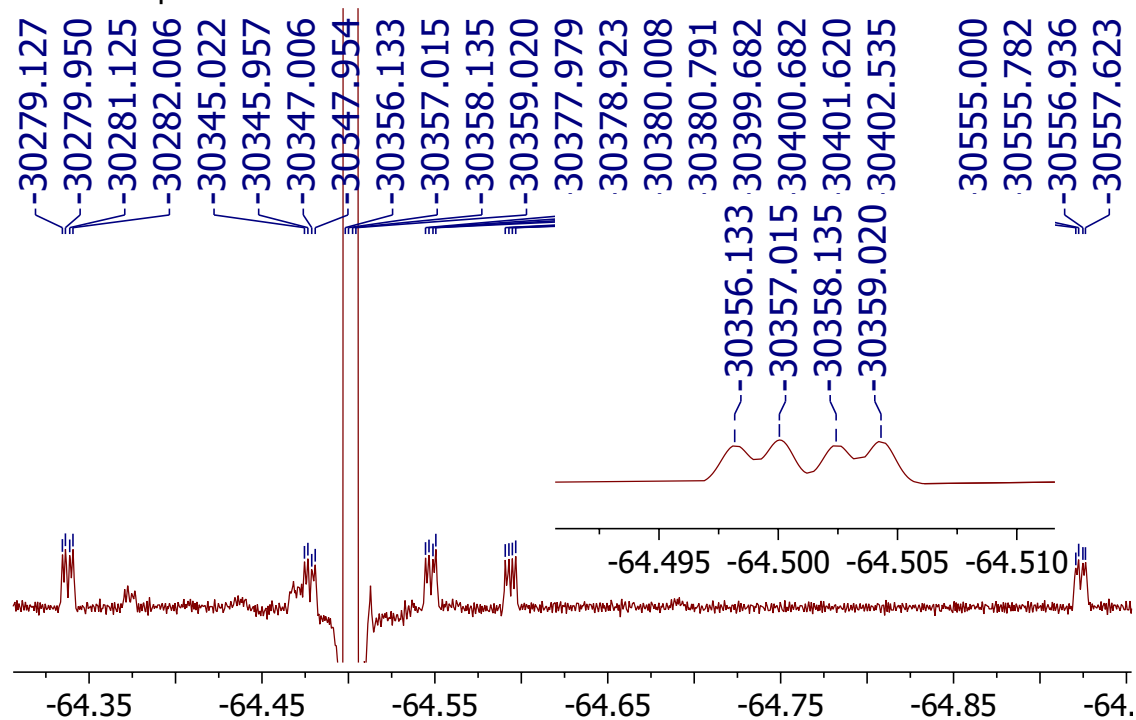
19F-13C HMBC



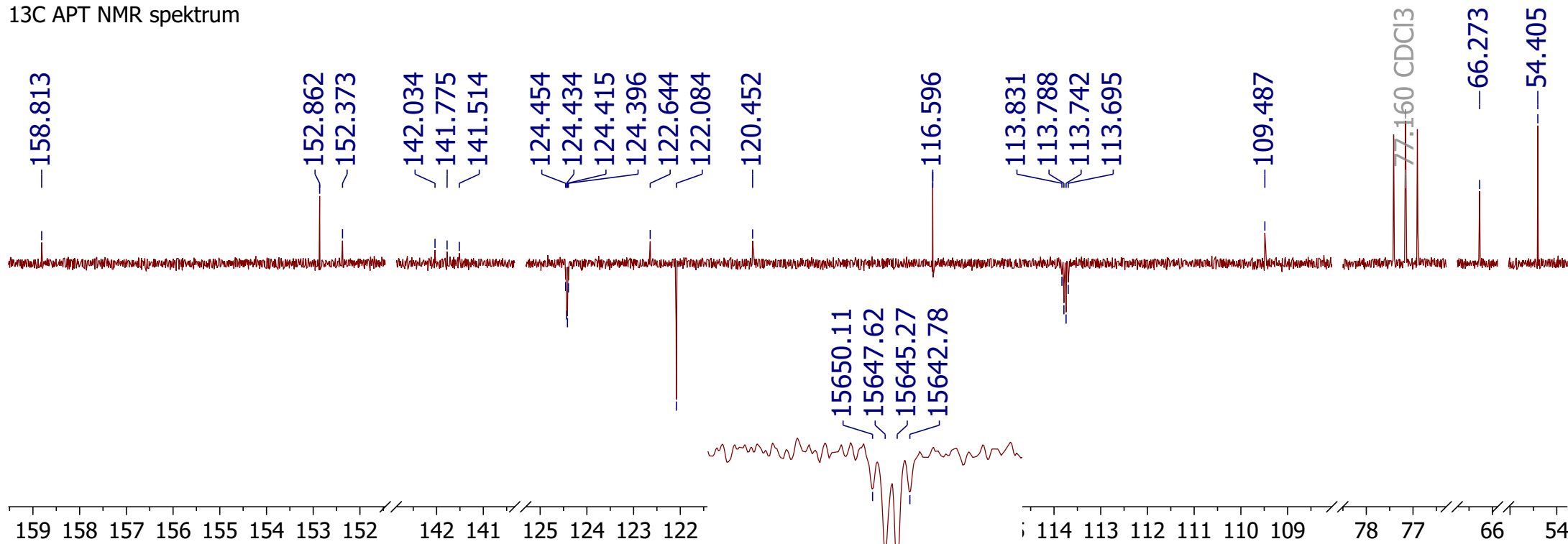
19F NMR spektrum



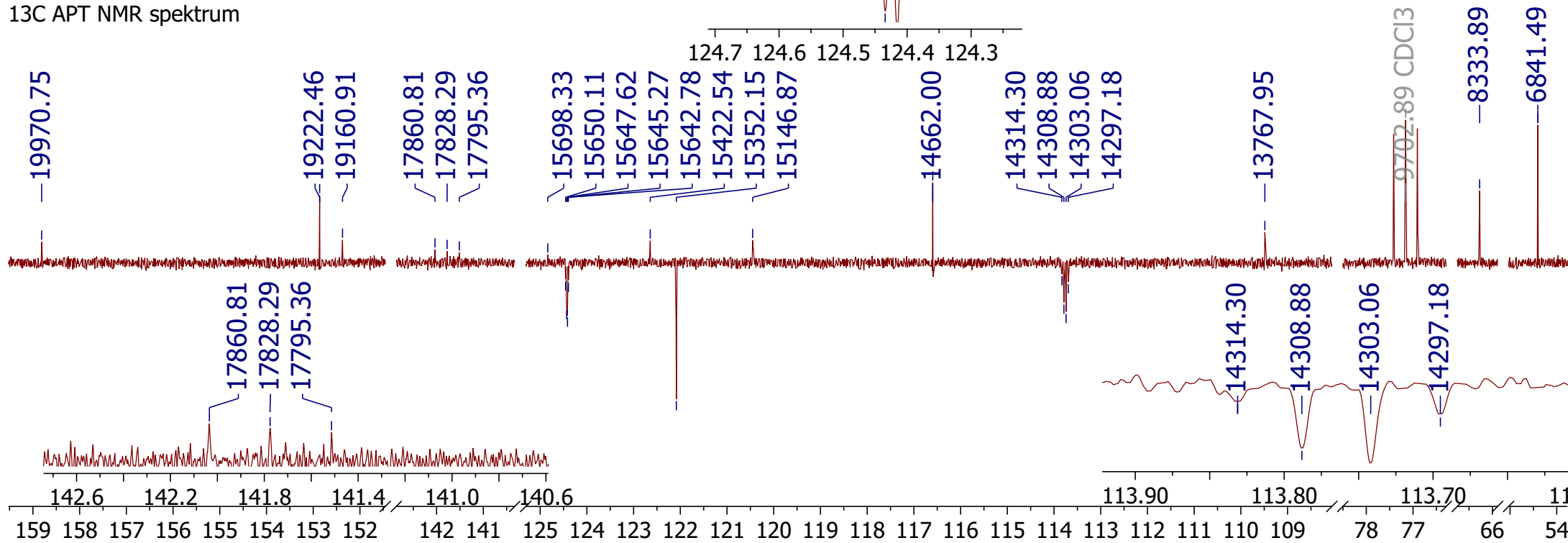
19F NMR spektrum



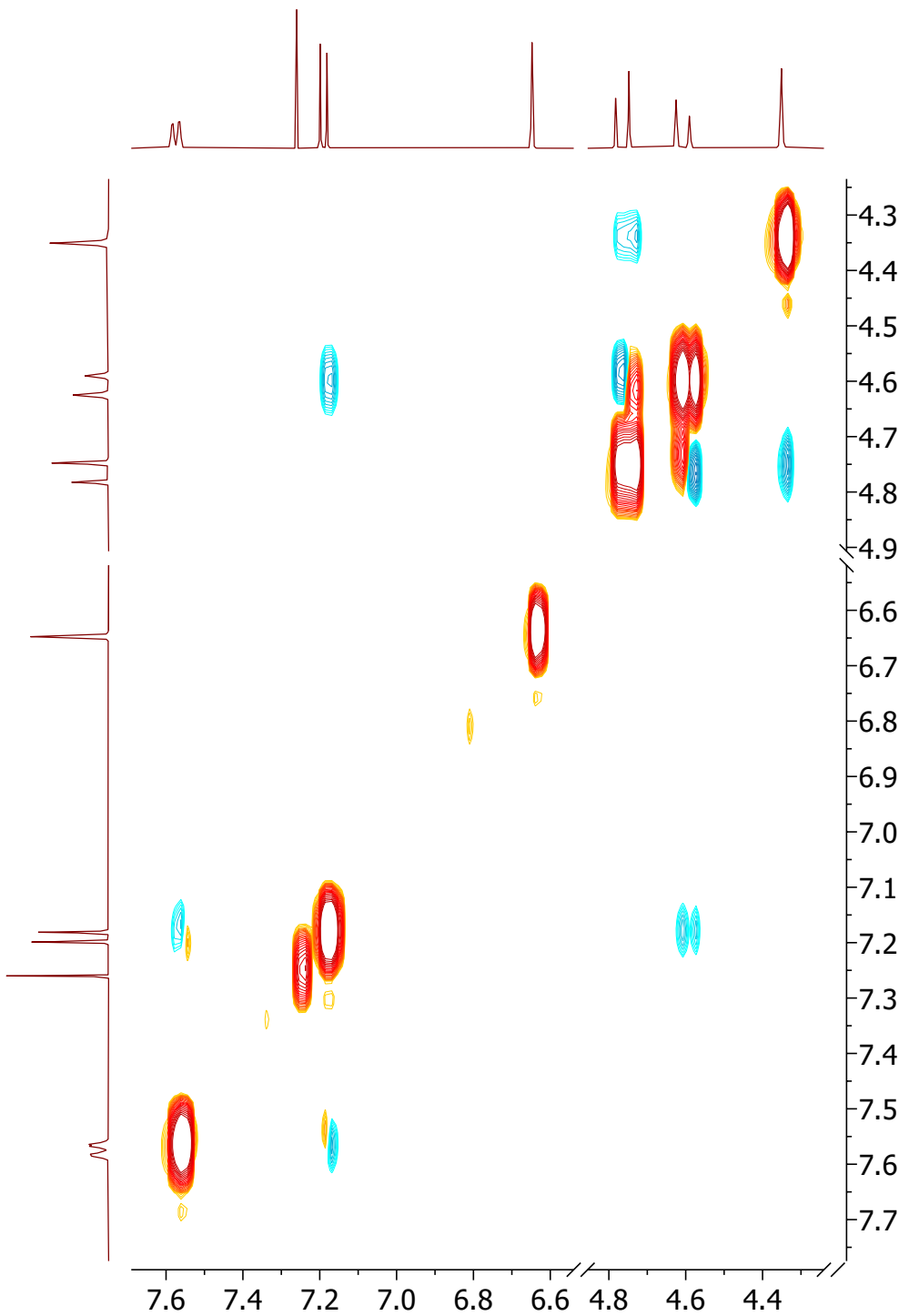
¹³C APT NMR spektrum



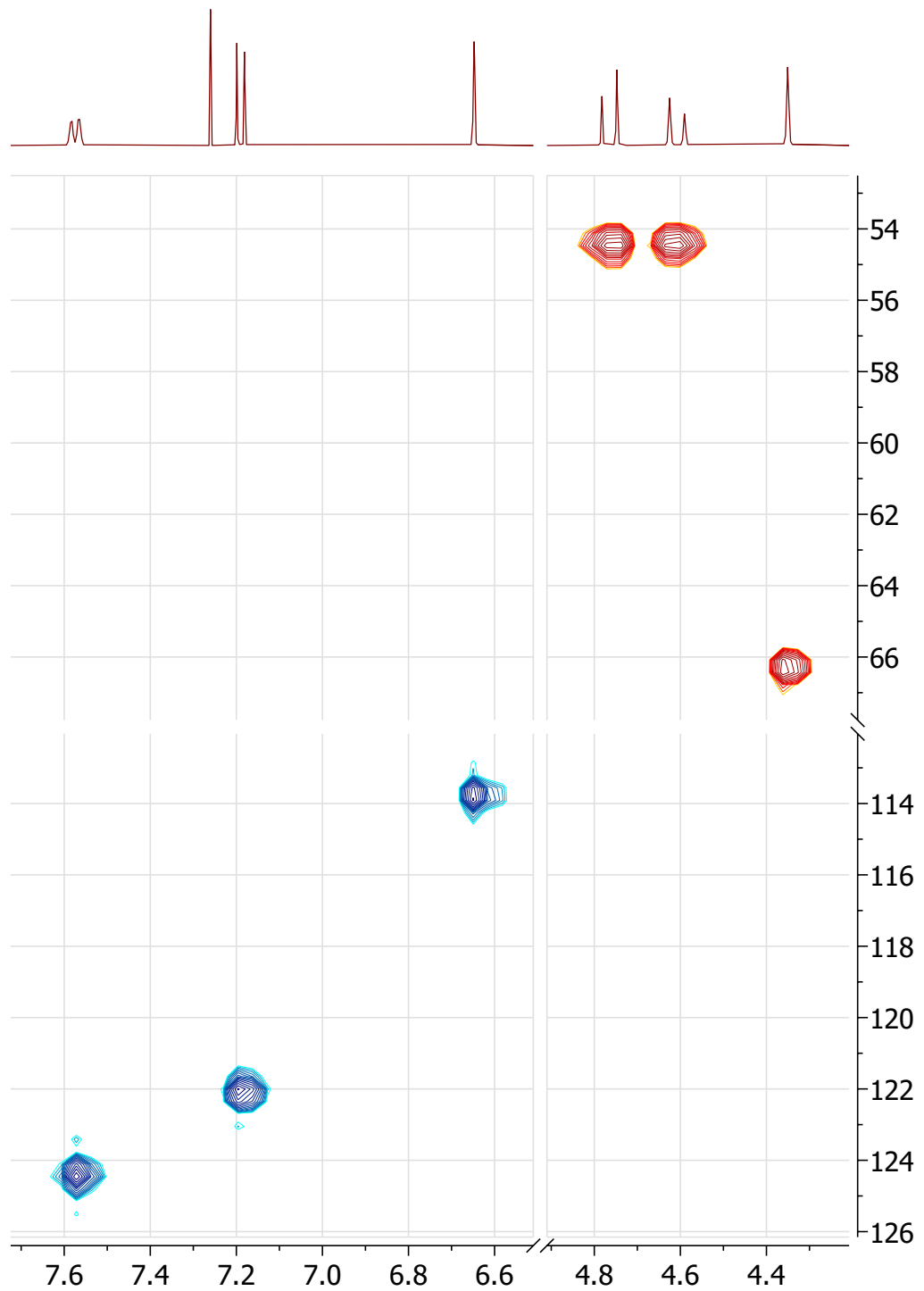
¹³C APT NMR spektrum



1H-1H NOESY (350 ms)



1H-13C HSQC



1H-13C HMBC

