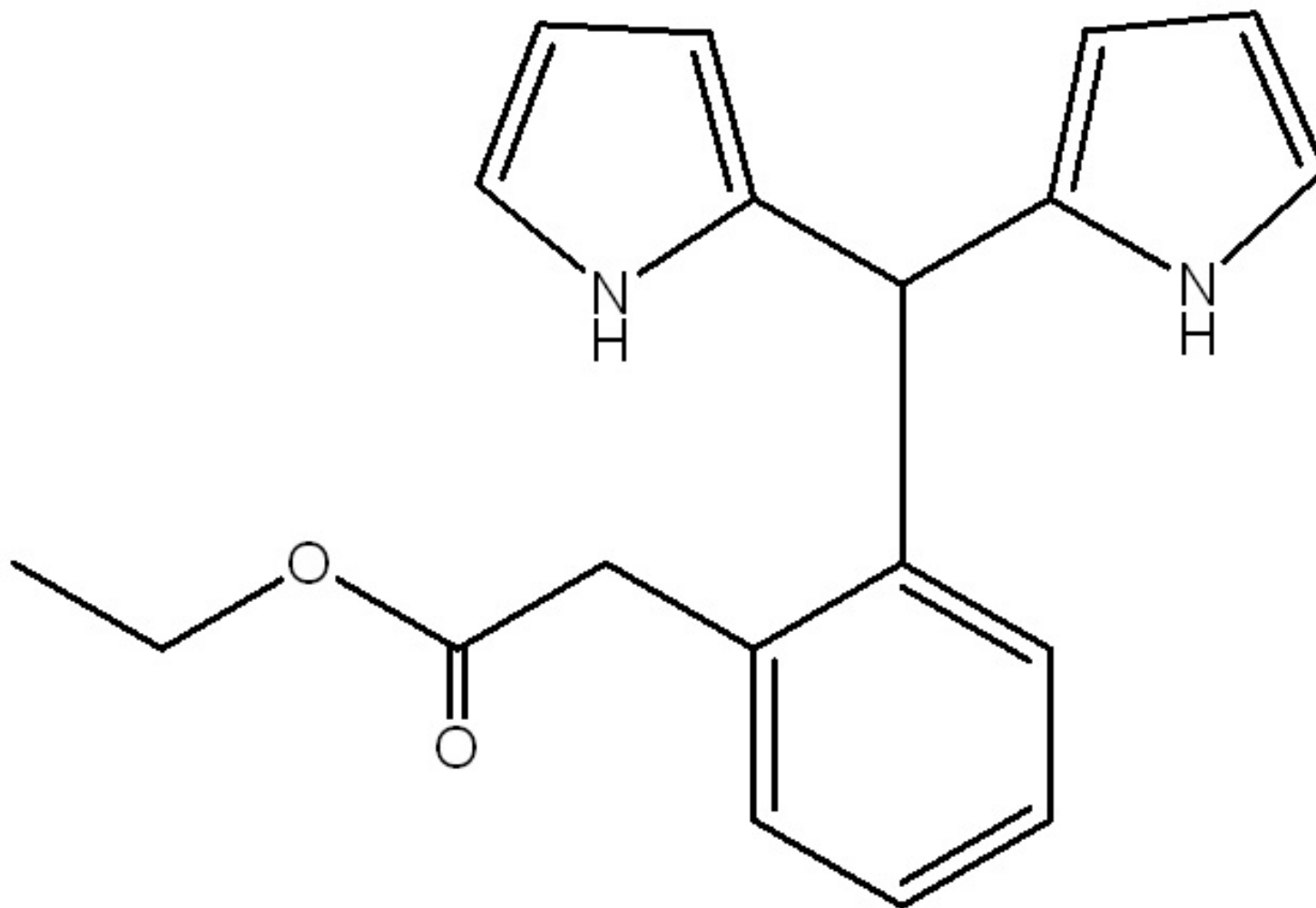
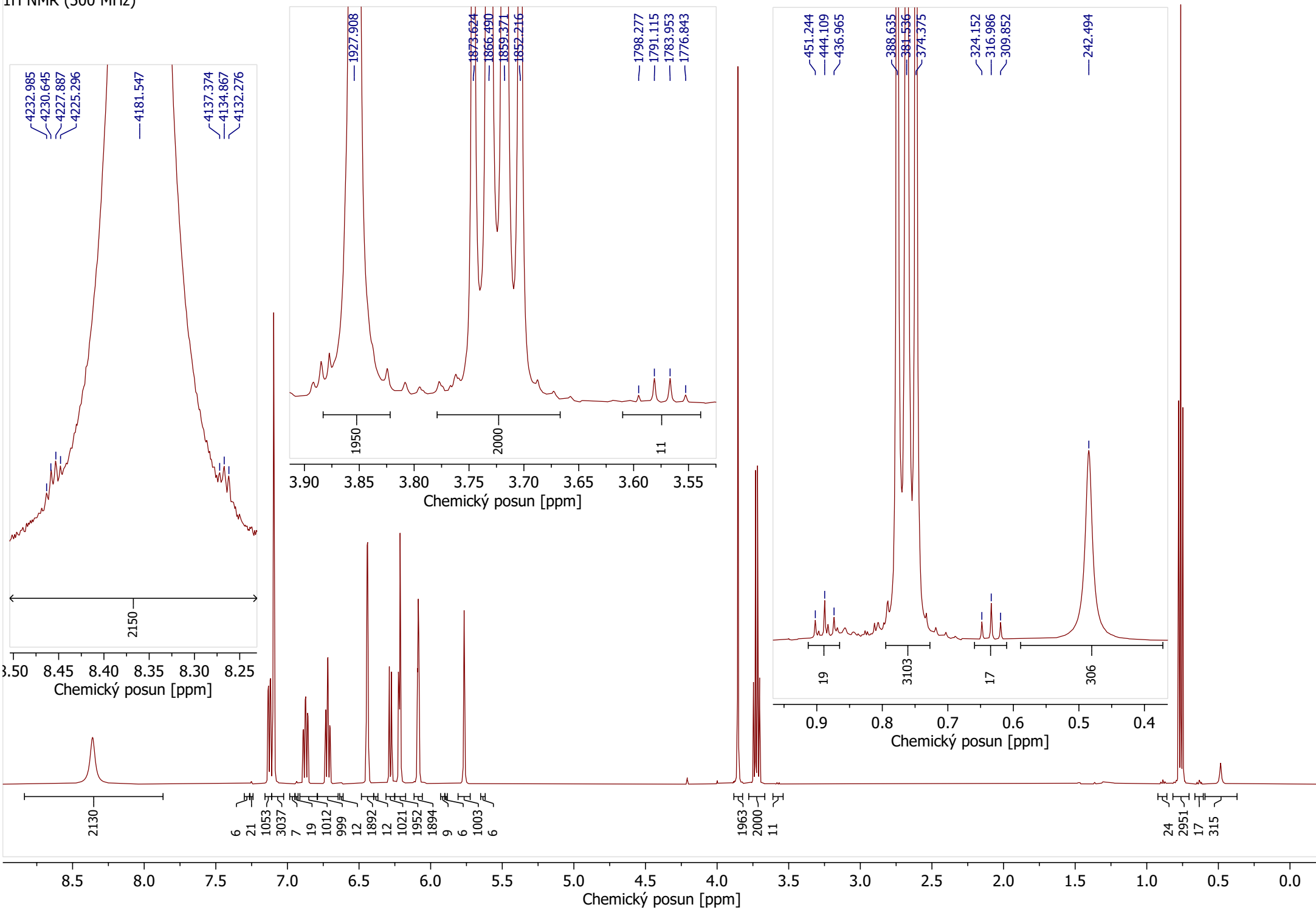


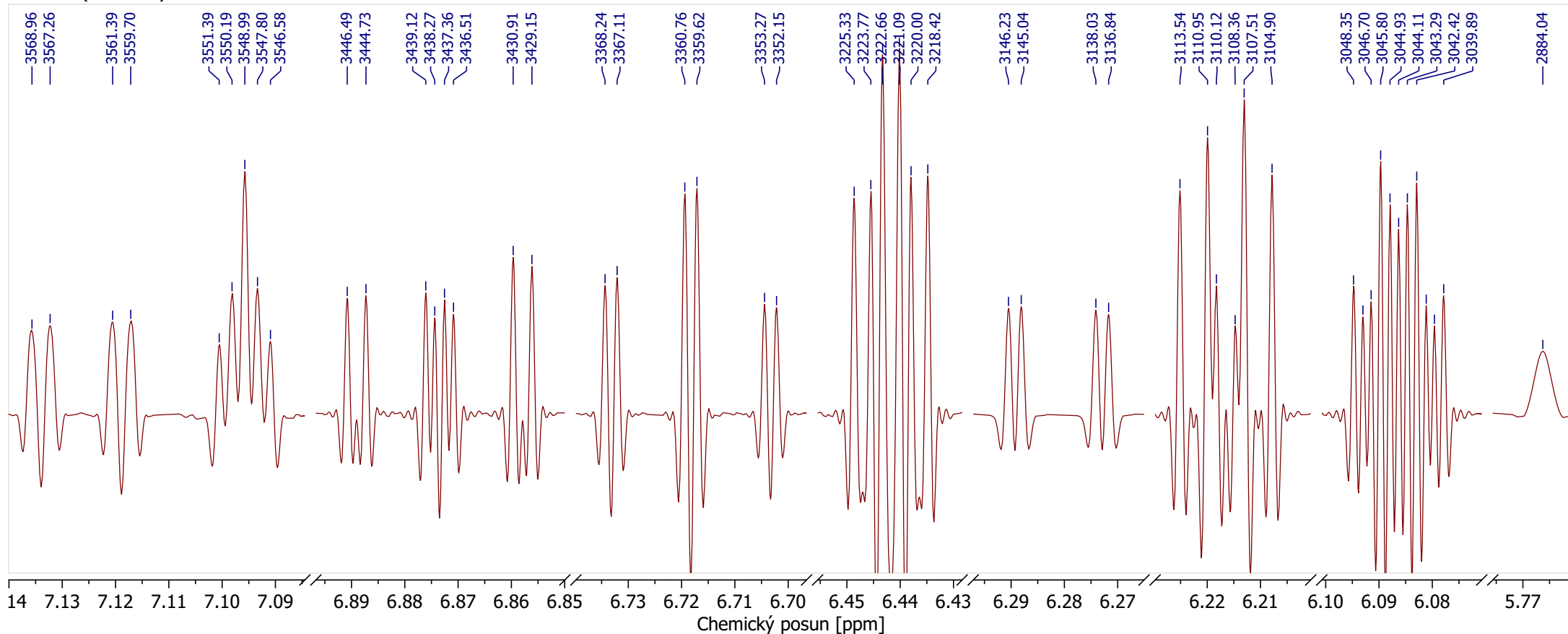
Připište chemické posuny ^1H , ^{13}C a ^{15}N jader k odpovídajícím atomům molekuly. U signálů ^1H uveďte jejich multiplicitu a hodnoty interakčních konstant, a uveďte, kterým interagujícím jádřům náleží. Jméno: _____ Dnešní datum: _____



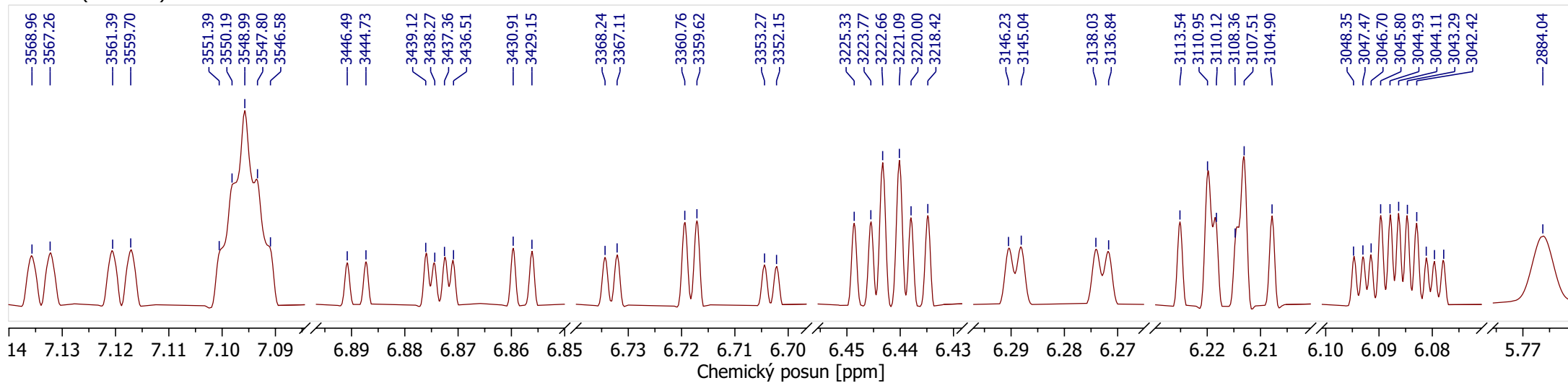
1H NMR (500 MHz)



1H NMR (500 MHz)



1H NMR (500 MHz)



¹³C NMR (126 MHz)

— 169.314

— 155.339

133.258

132.461

130.894

128.353

128.253

128.060

127.867

122.488

117.040

112.847

108.468

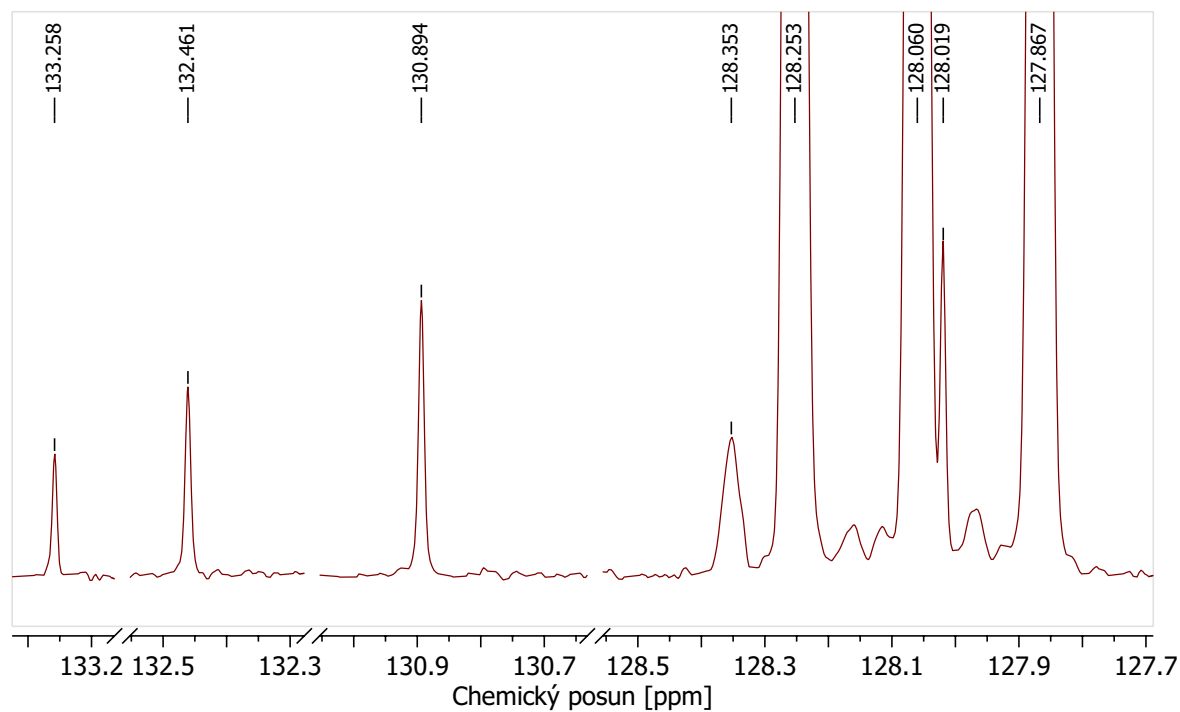
107.365

— 65.509

— 61.183

— 40.249

— 13.964



190

180

170

160

150

140

130

120

110

100

90

80

70

60

50

40

30

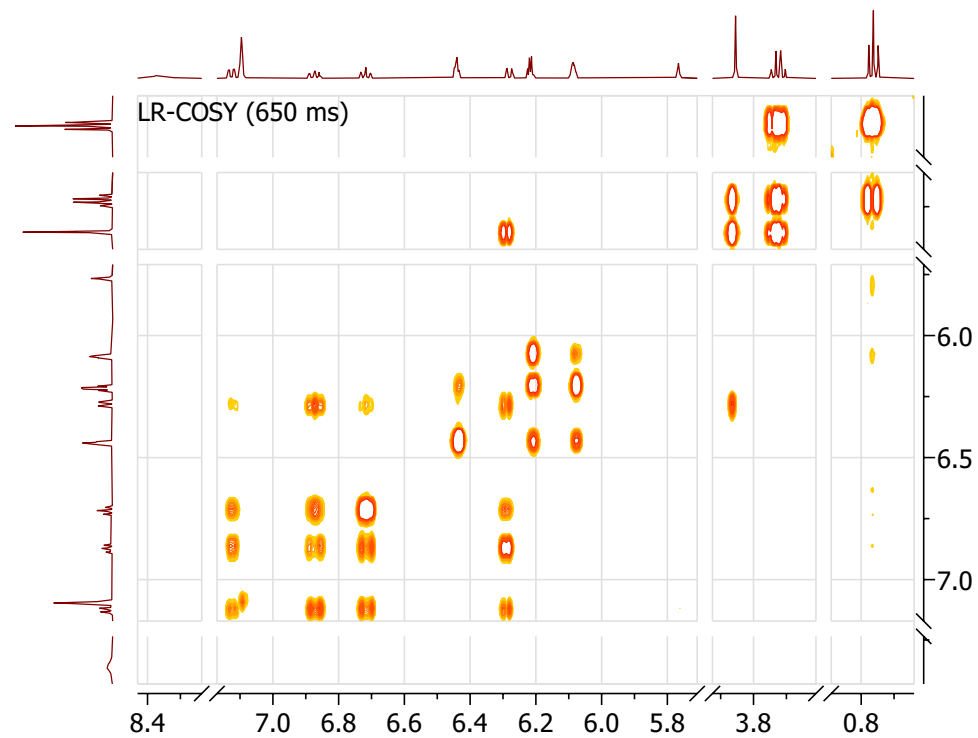
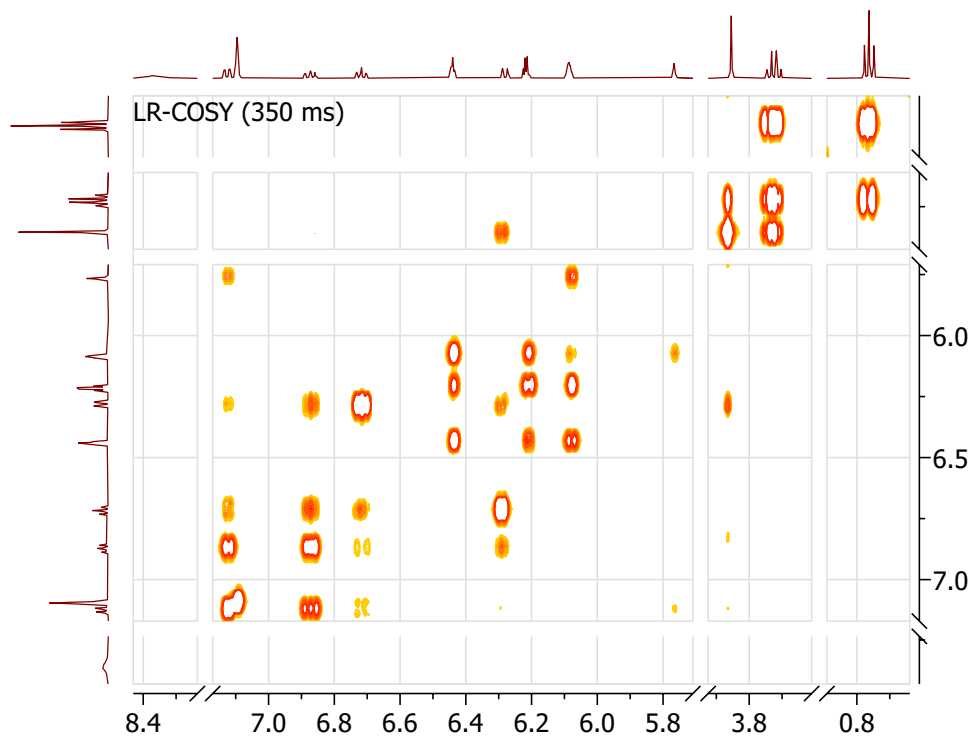
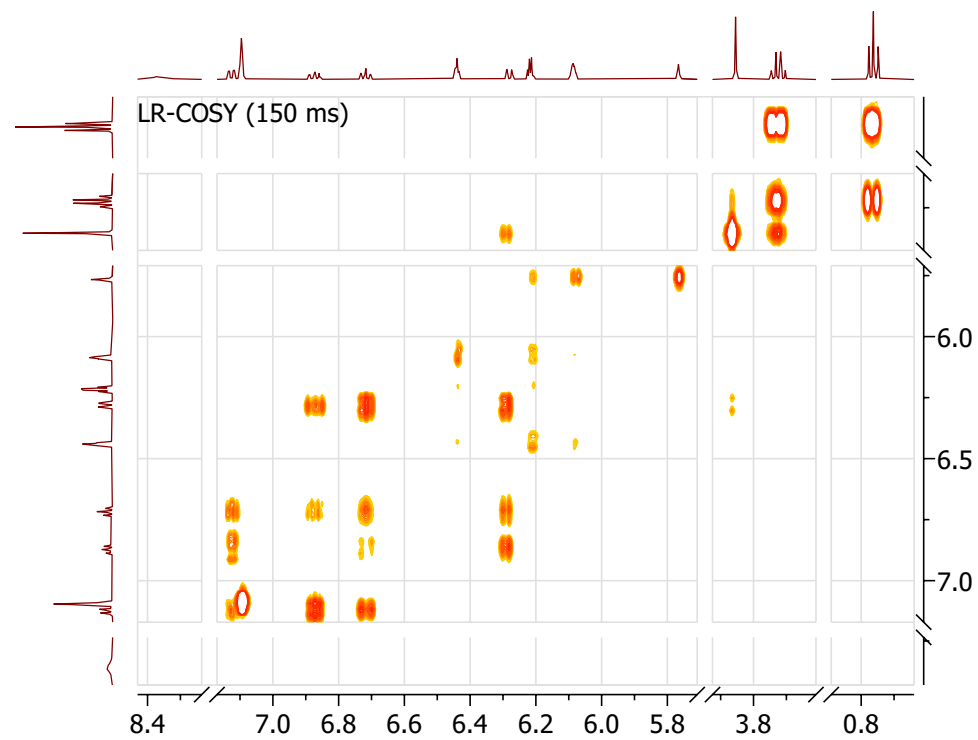
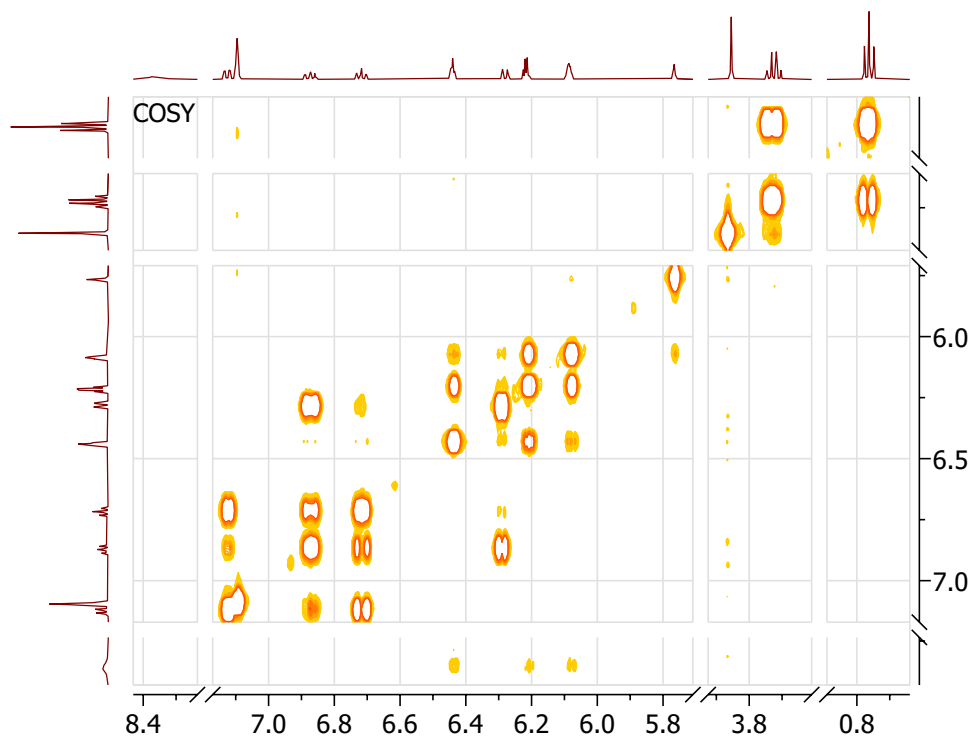
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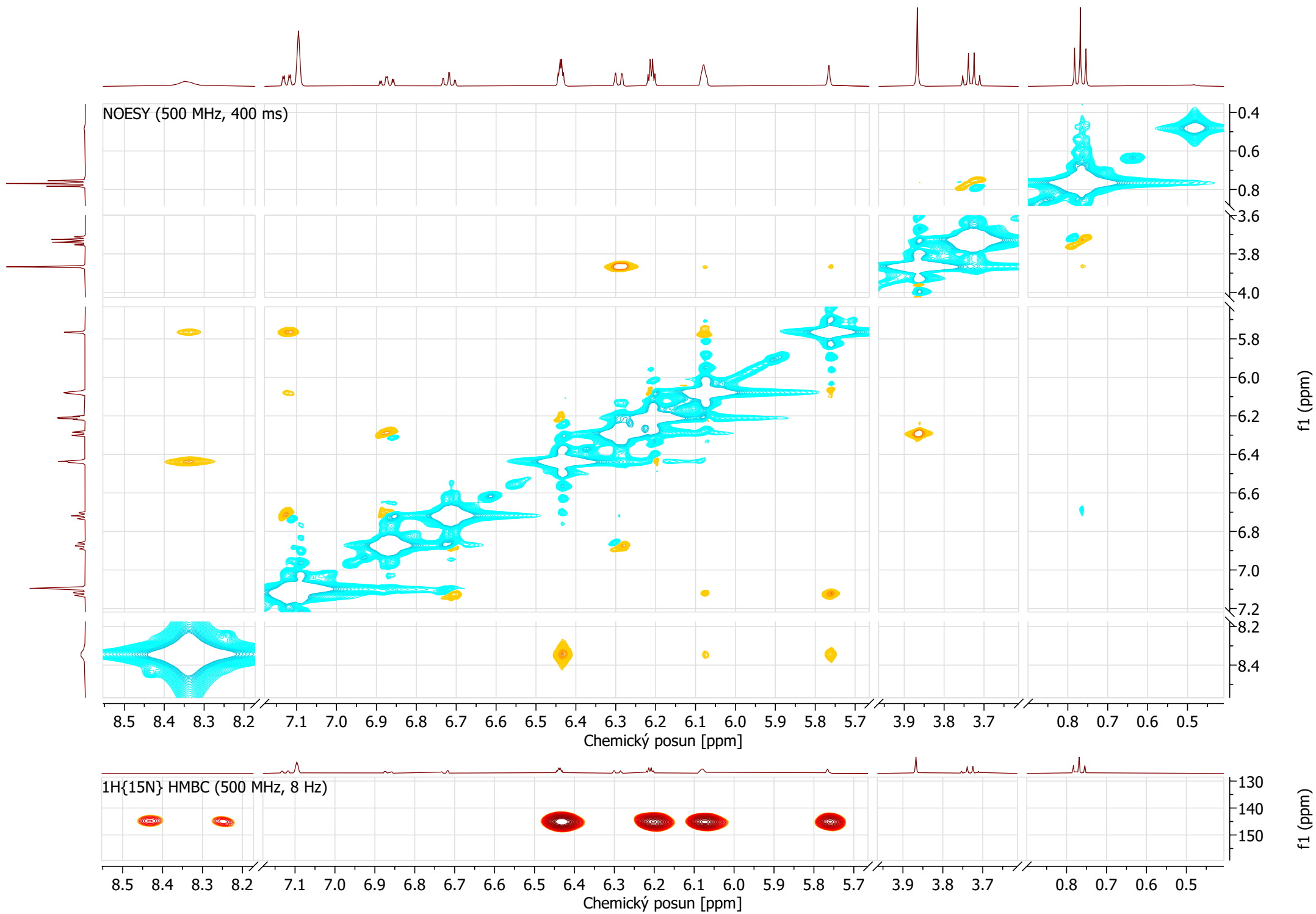
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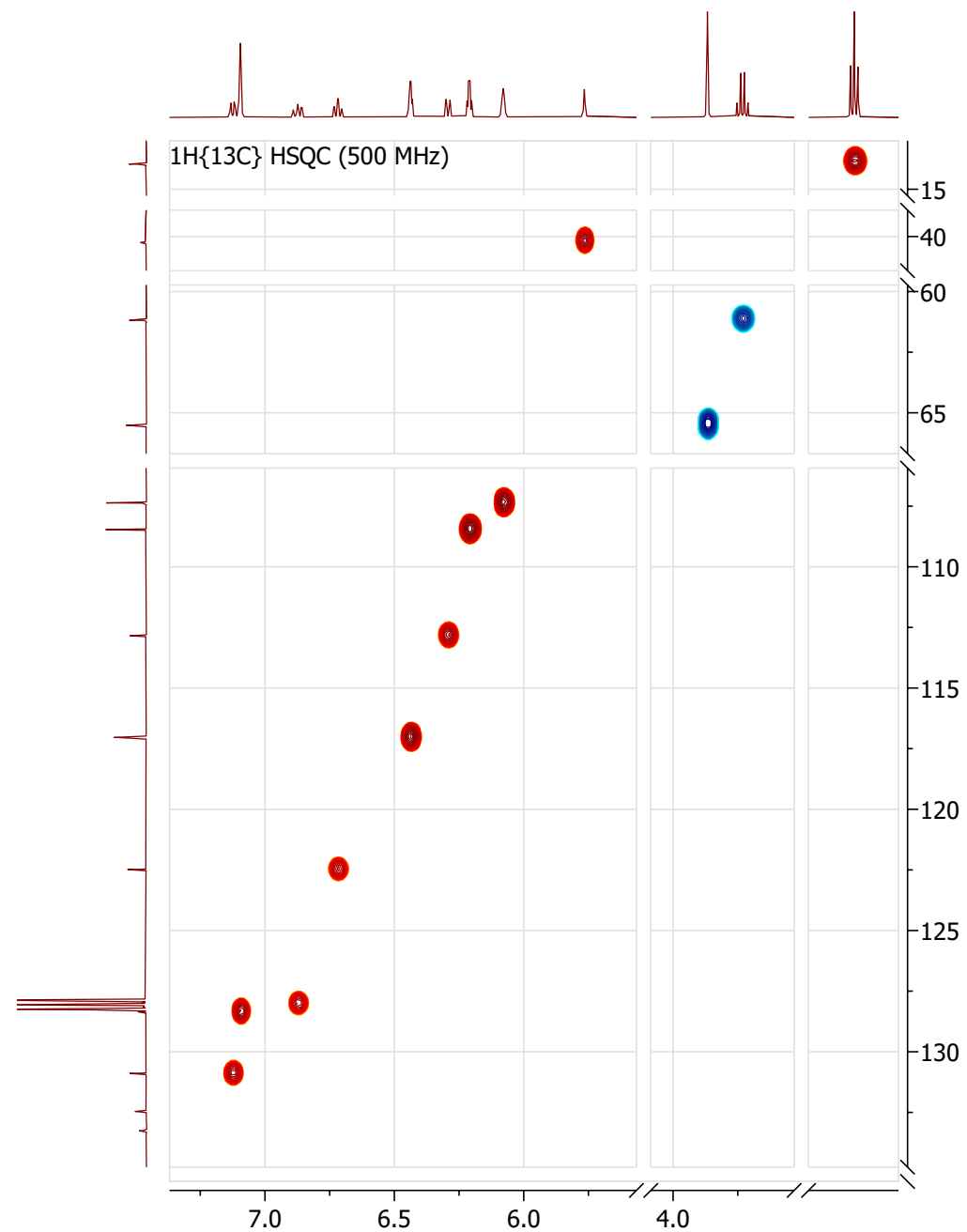
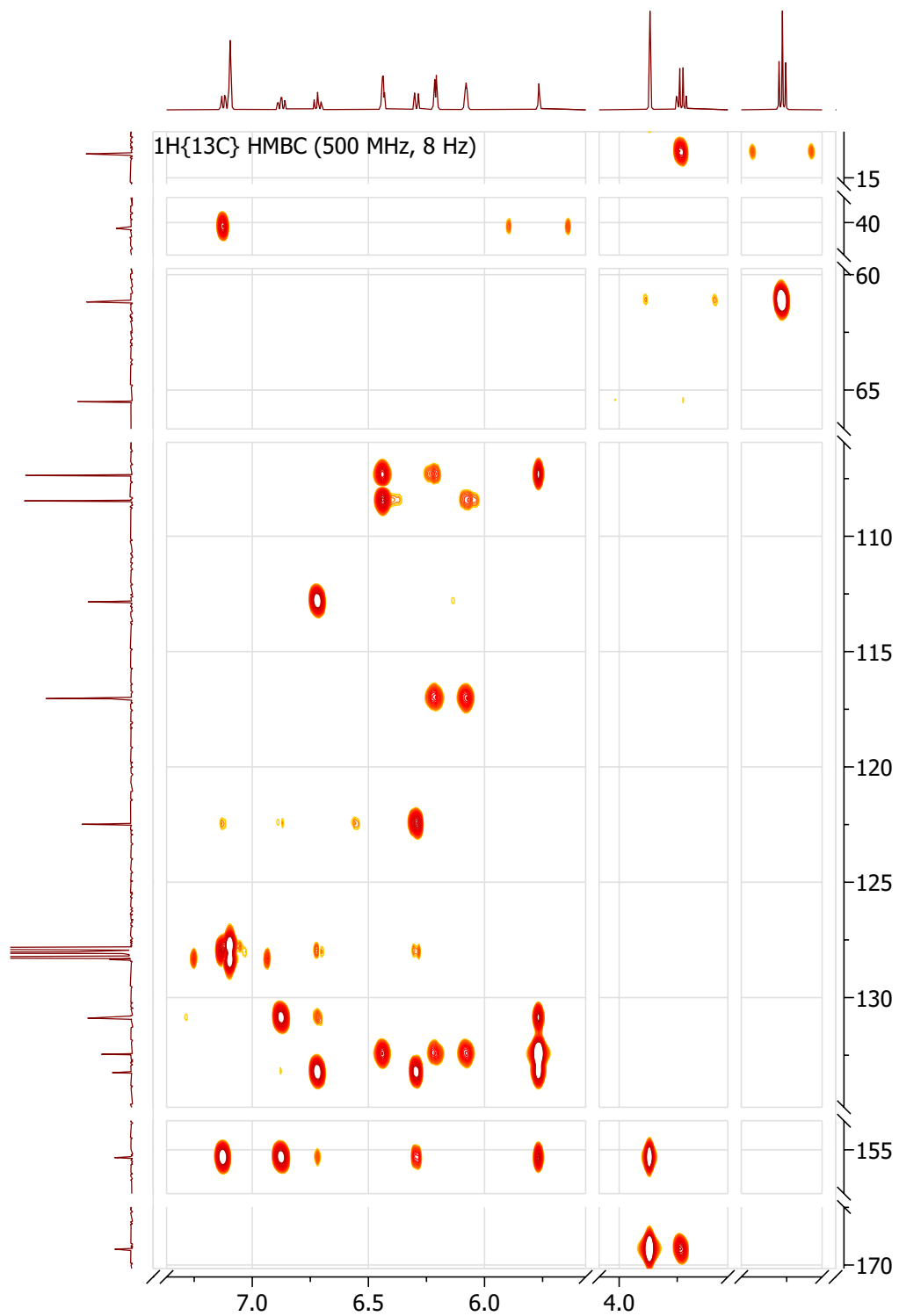
0

-10

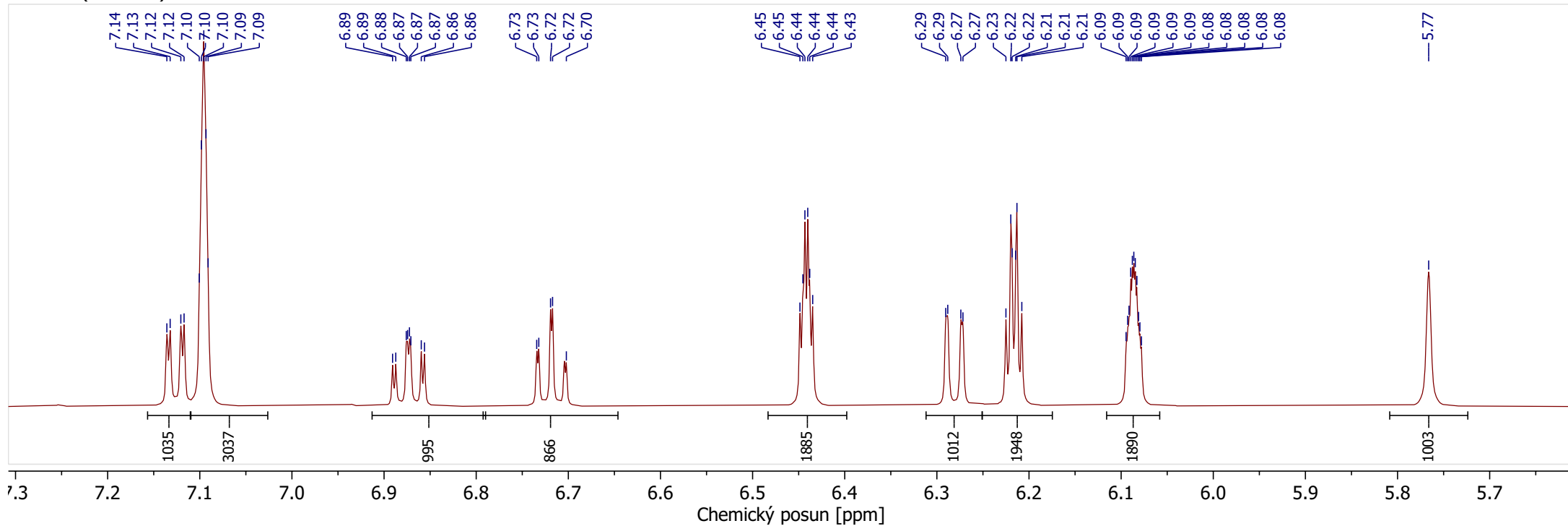
Chemický posun [ppm]



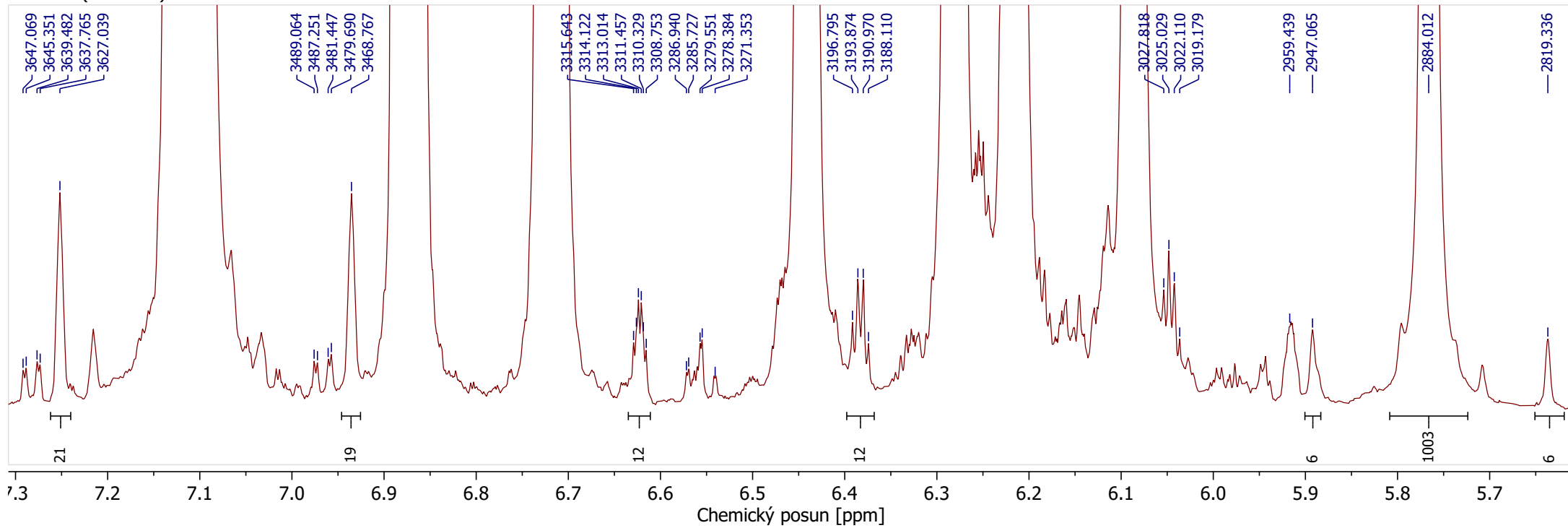




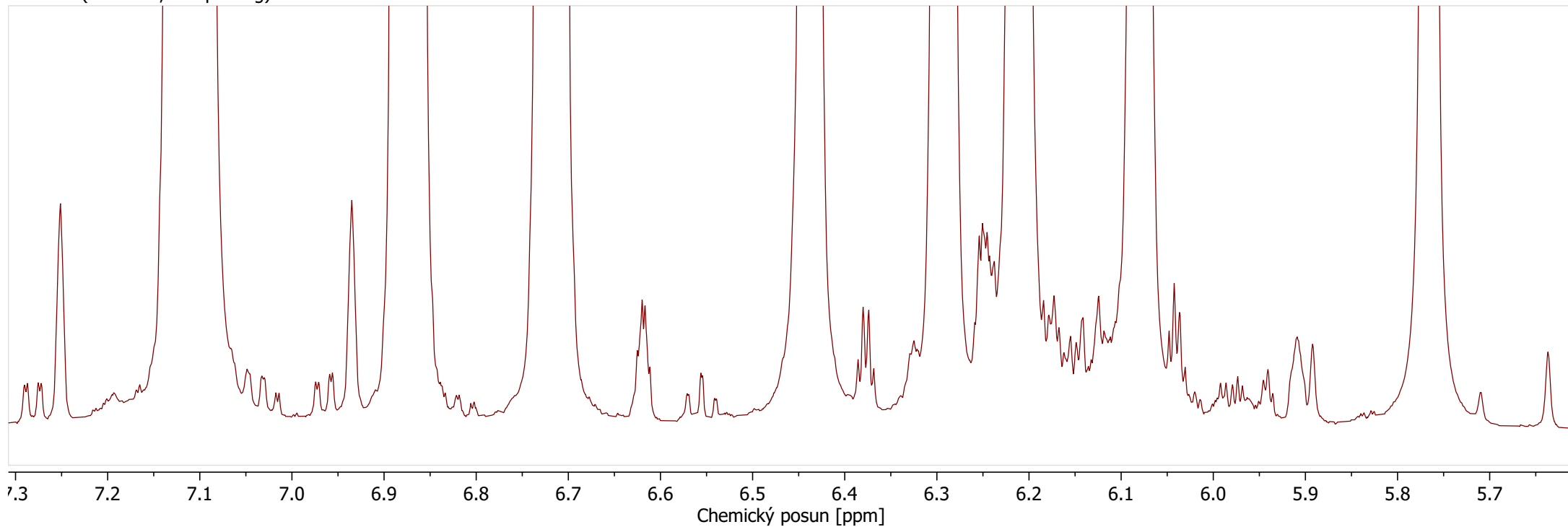
¹H NMR (500 MHz)



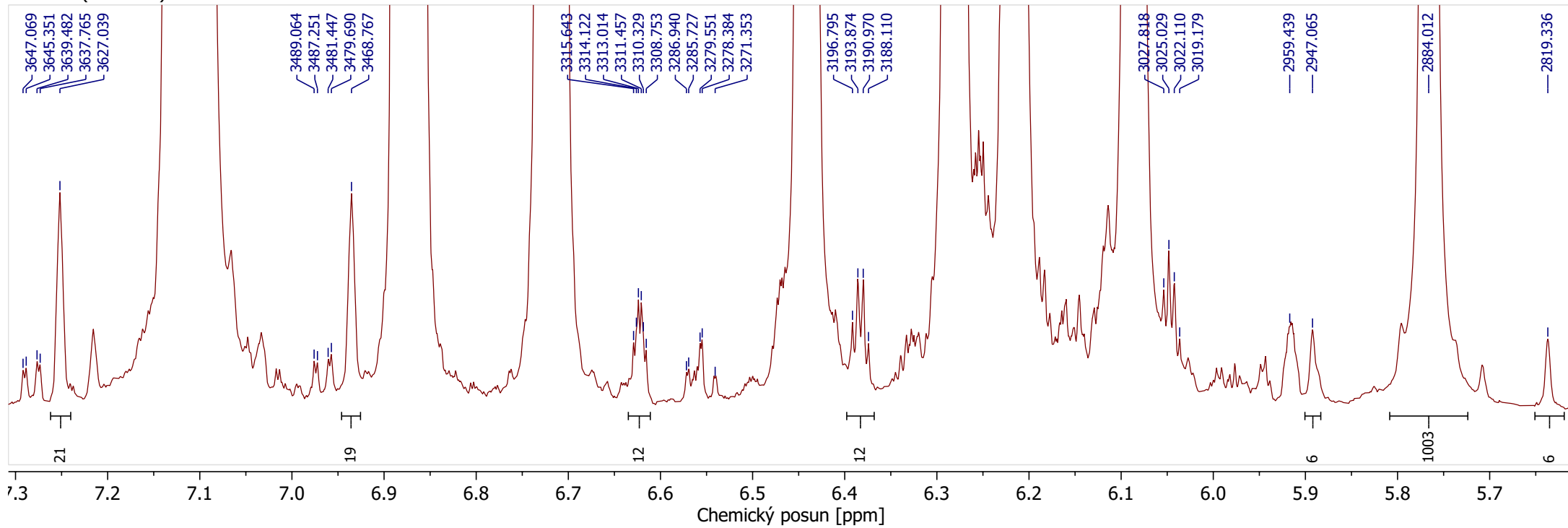
¹H NMR (500 MHz)

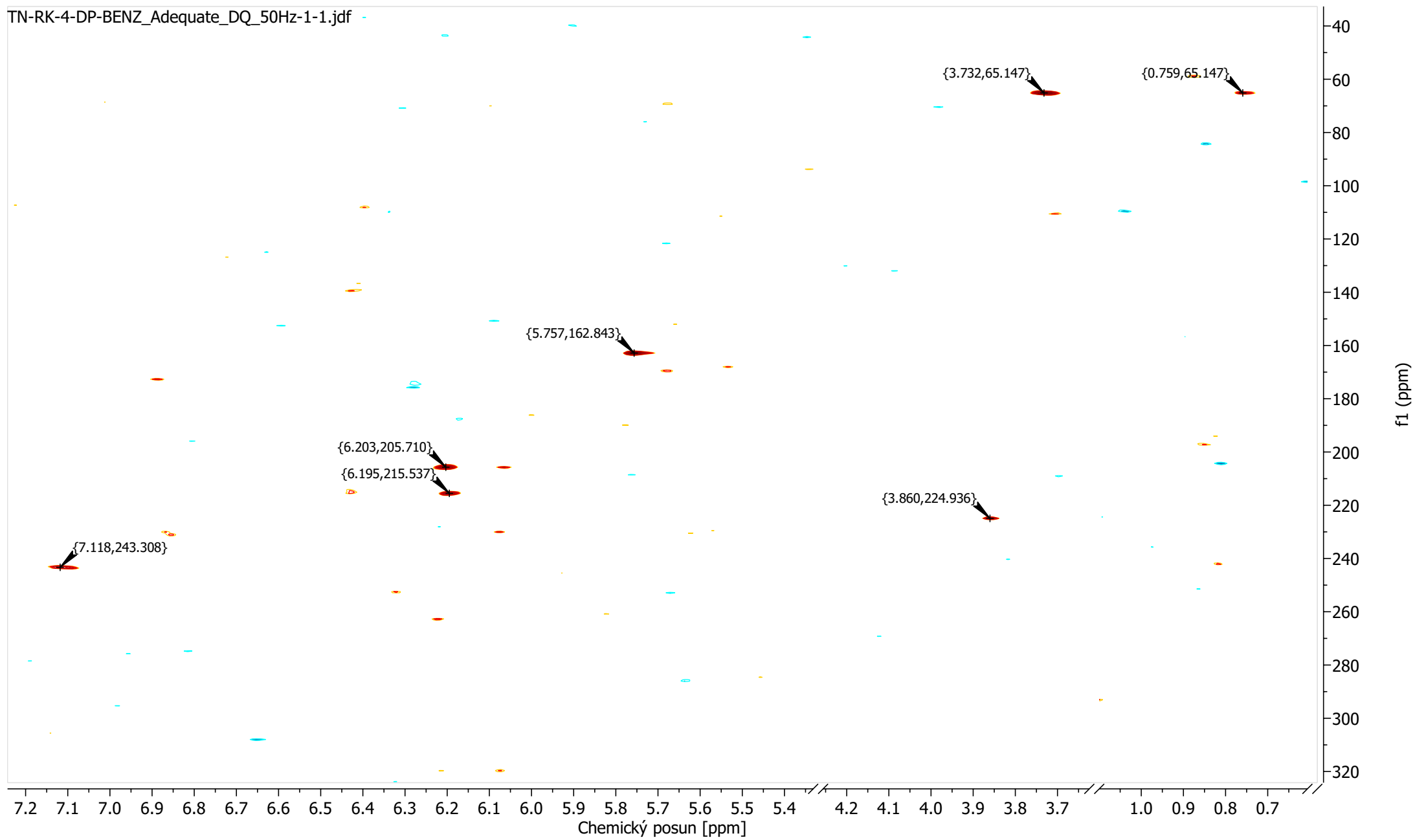
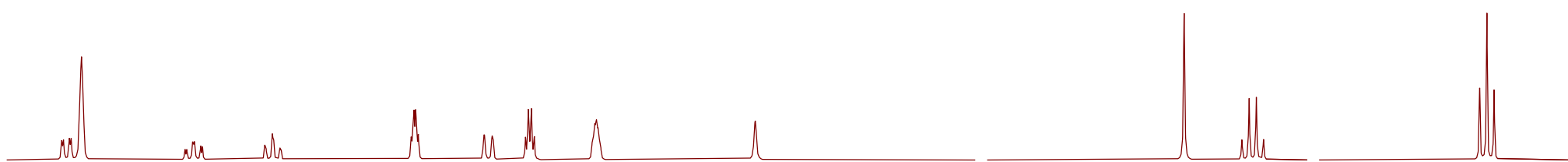


¹H NMR (500 MHz, no spinning)

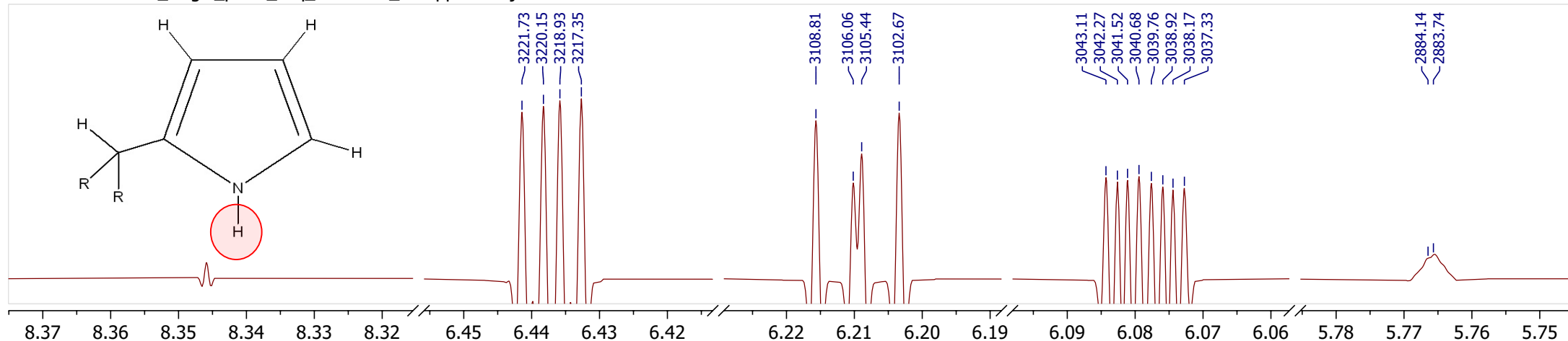


¹H NMR (500 MHz)

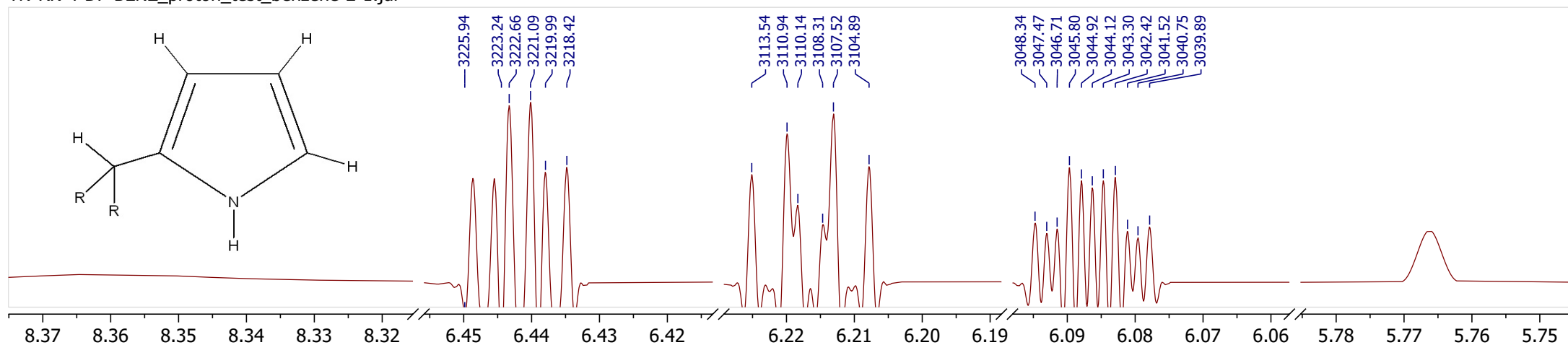




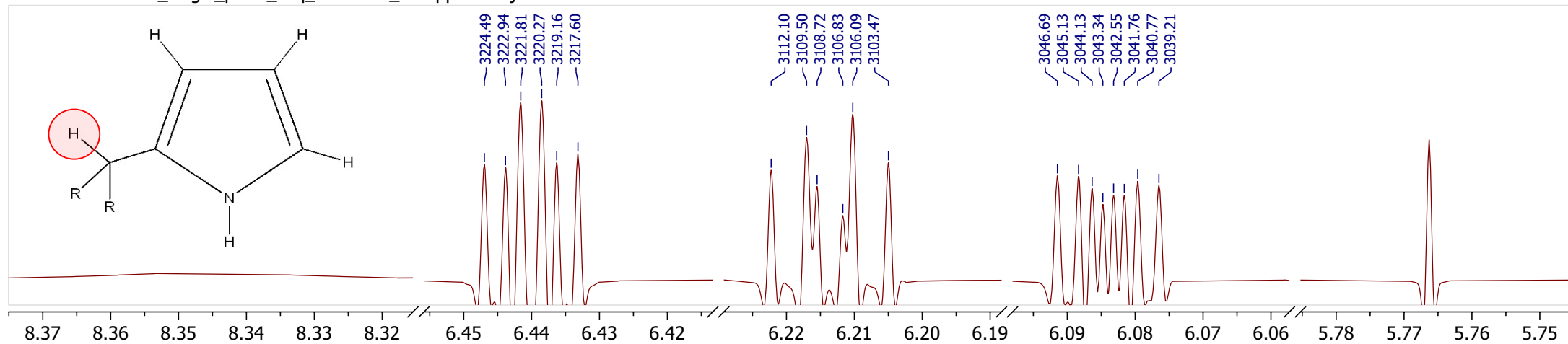
TN-RK-4-DP-BENZ_single_pulse_acq_homodec_8.35ppm-1-1.jdf



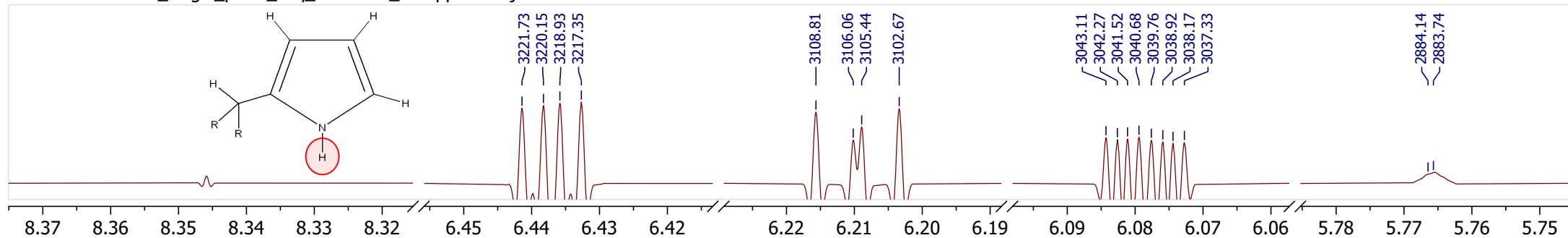
TN-RK-4-DP-BENZ_proton_test_benzene-2-1.jdf



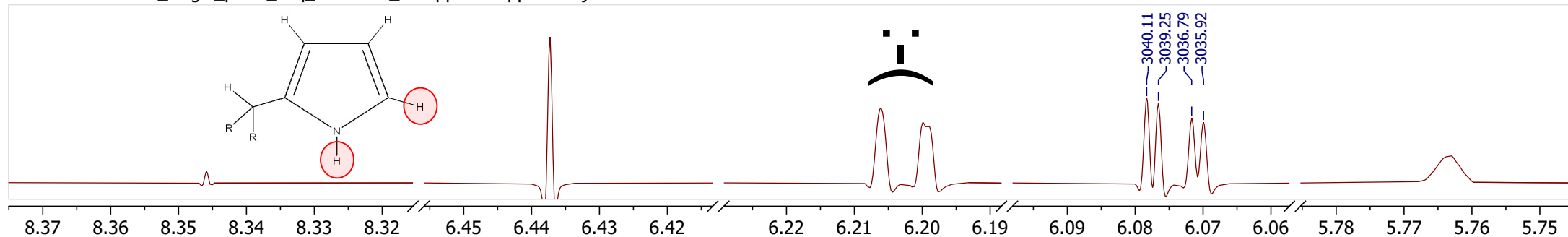
TN-RK-4-DP-BENZ_single_pulse_acq_homodec_5.77ppm-1-1.jdf



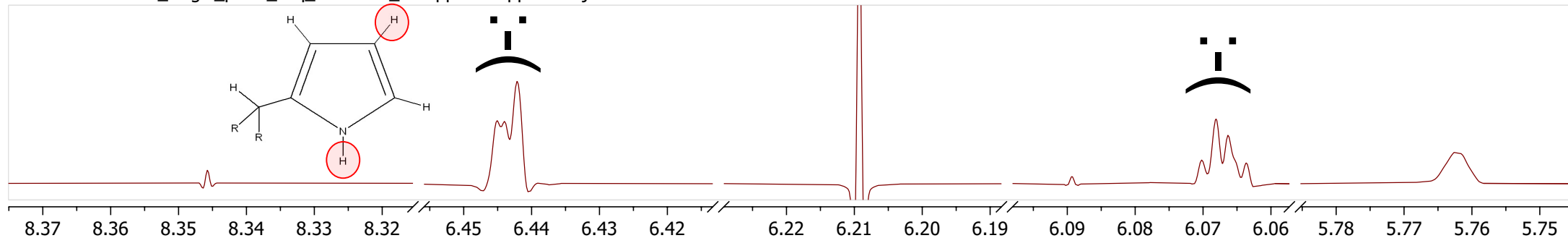
TN-RK-4-DP-BENZ_single_pulse_acq_homodec_8.35ppm-1-1.jdf



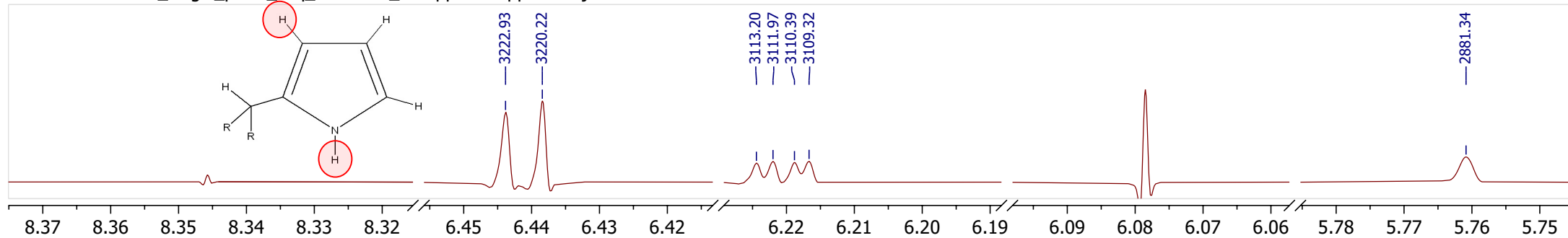
TN-RK-4-DP-BENZ_single_pulse_acq_homodec_8.35ppm6.44ppm-1-1.jdf

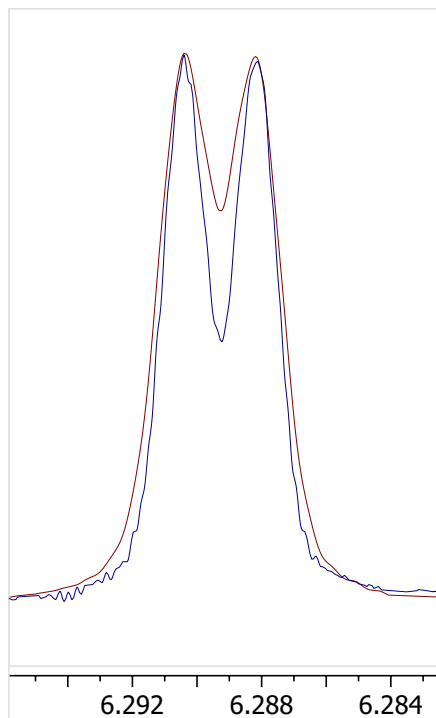
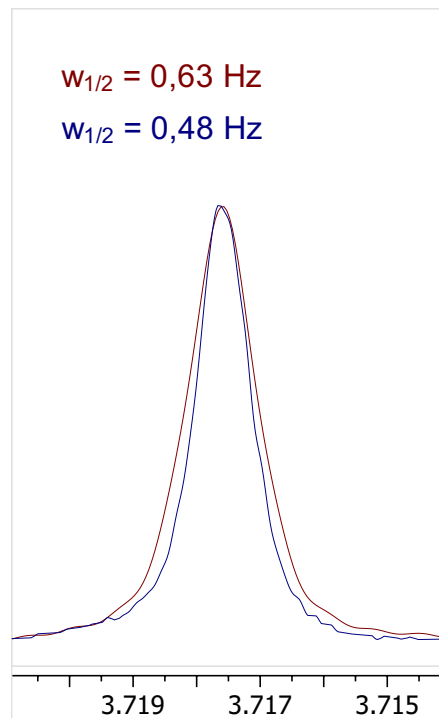


TN-RK-4-DP-BENZ_single_pulse_acq_homodec_8.35ppm6.21ppm-1-1.jdf



TN-RK-4-DP-BENZ_single_pulse_acq_homodec_8.35ppm6.08ppm-1-1.jdf





Selective decoupling on 3,87 ppm (blue) and 5,77 ppm (green)

