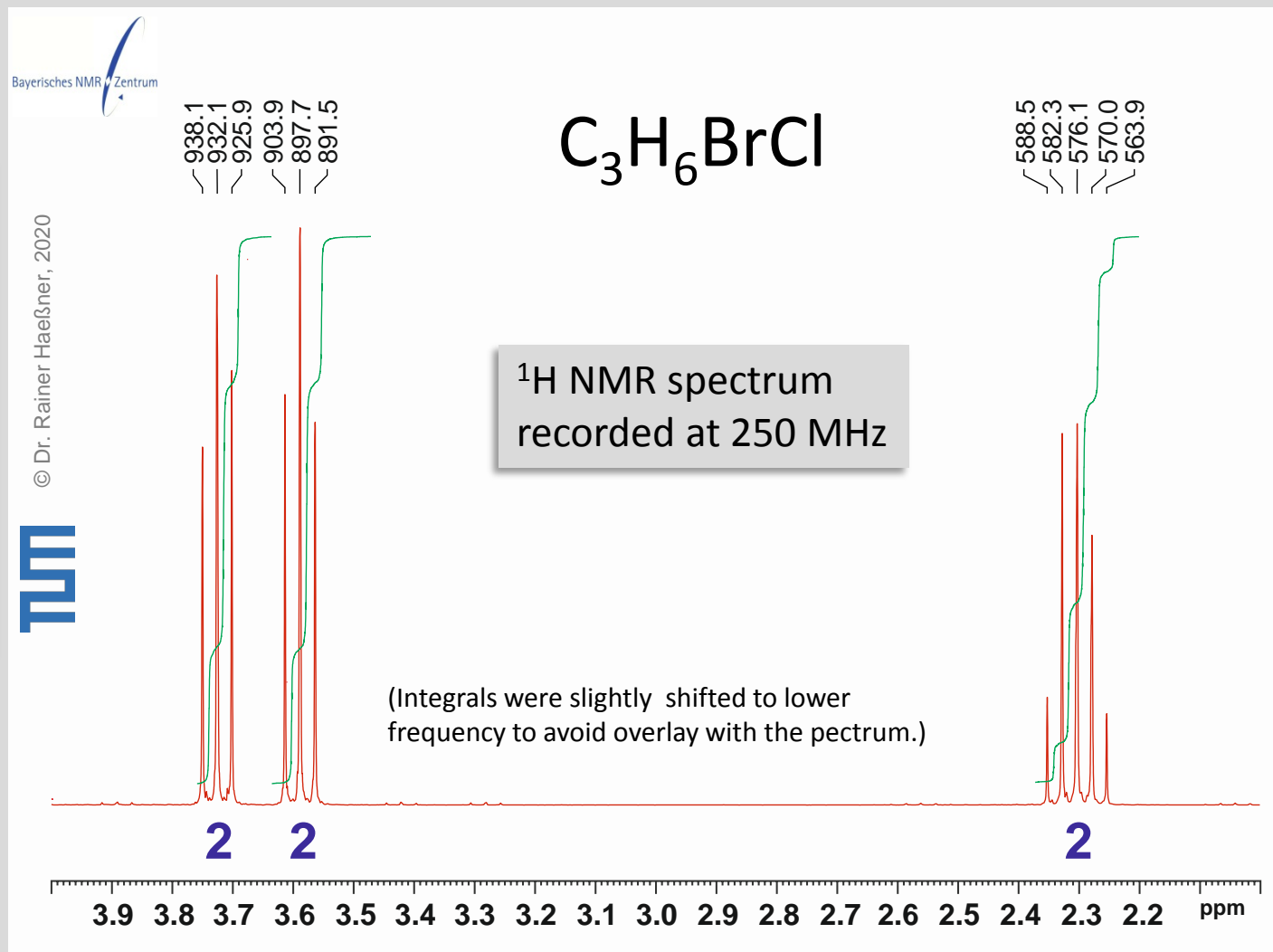


Problem of the Month:

January 2020

Challenges

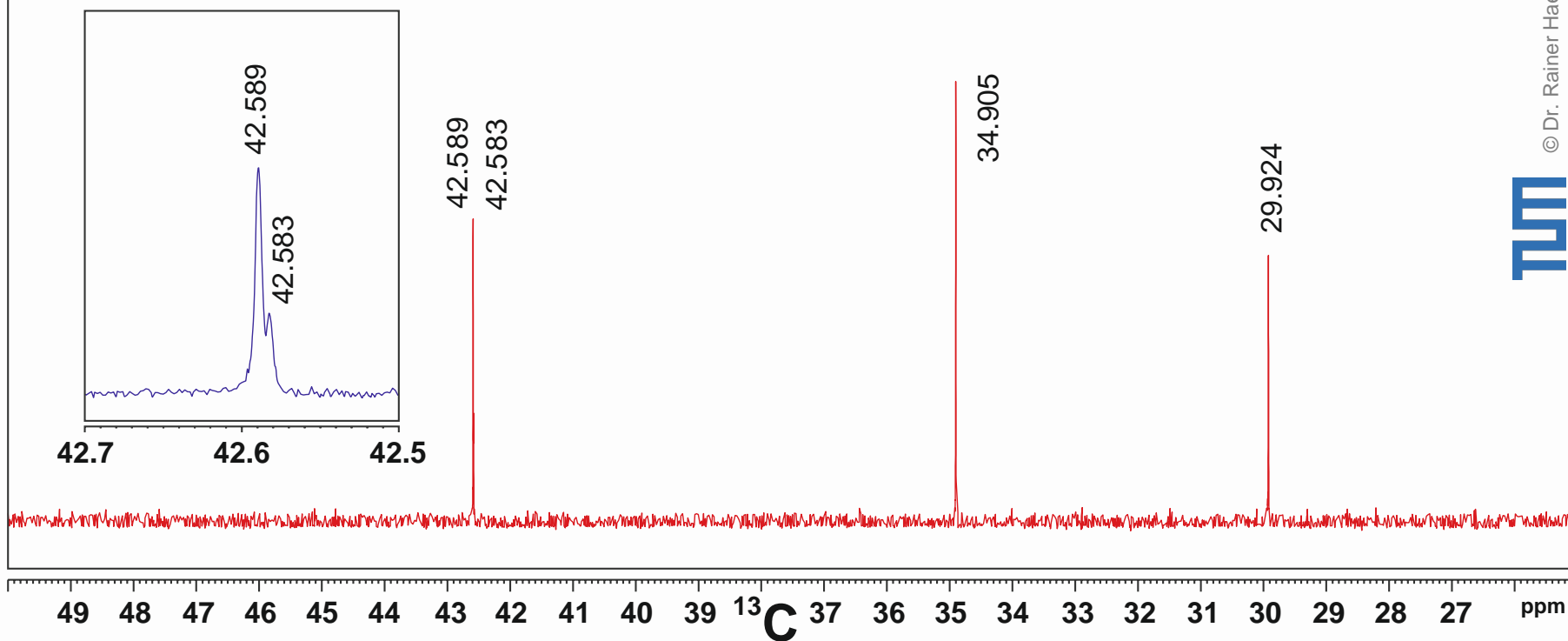
- (1) Get the constitution!
- (2) Unambiguously assign all proton and carbon signals.



Problem of the Month:

January 2020

$^{13}\text{C}\{^1\text{H}\}$ decoupled
NMR spectrum (62.9 MHz)



Problem of the Month:

January 2020

Strategy

- (1) Getting the constitution should be easy.
- (2) To make the assignment you might think about using incremental schemes, but there is an unambiguous way.
- (3) What about the „splitting“ in the ^{13}C NMR spectrum?

