

Magn. Reson. Discuss., author comment AC3
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Reply on RC3

Lisanne Sellies et al.

Author comment on "Determination of hydrogen exchange and relaxation parameters in PHIP complexes at micromolar concentrations" by Lisanne Sellies et al., Magn. Reson. Discuss., <https://doi.org/10.5194/mr-2021-23-AC3>, 2021

We appreciate the positive evaluation of our manuscript. Following the advice of the reviewer:

- we now explicitly report the magnetic field strength at which the NMR signal enhancement is referred,
- we have added a 1D PHIP-NMR spectrum of the hydrides as Appendix B, indicating the frequency separation and the irradiation frequency,
- having neglected cross-correlated relaxation in deriving equation 3-9 is now mentioned in the main text,
- figure 2 has been modified to explicitly indicate selective pulses on H₂.