



40:1 w/w mixture of RbCH_3CO_2 : RbClO_4

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Field strength: 9.4 T

Why is this your favorite spectrum?

This is a CPMG dataset rearranged such that you can see the differences in $T_{2\text{eff}}$ for each species in the mixture. Using a non-negative least squares (NNLS) separation routine, the individual spectra can be separated based on $T_{2\text{eff}}$ differences. This particular example really shows the $T_{2\text{eff}}$ differences in a nice way and allows for excellent separation.

Comments: 2D spectra in MATLAB also happen to look really cool.