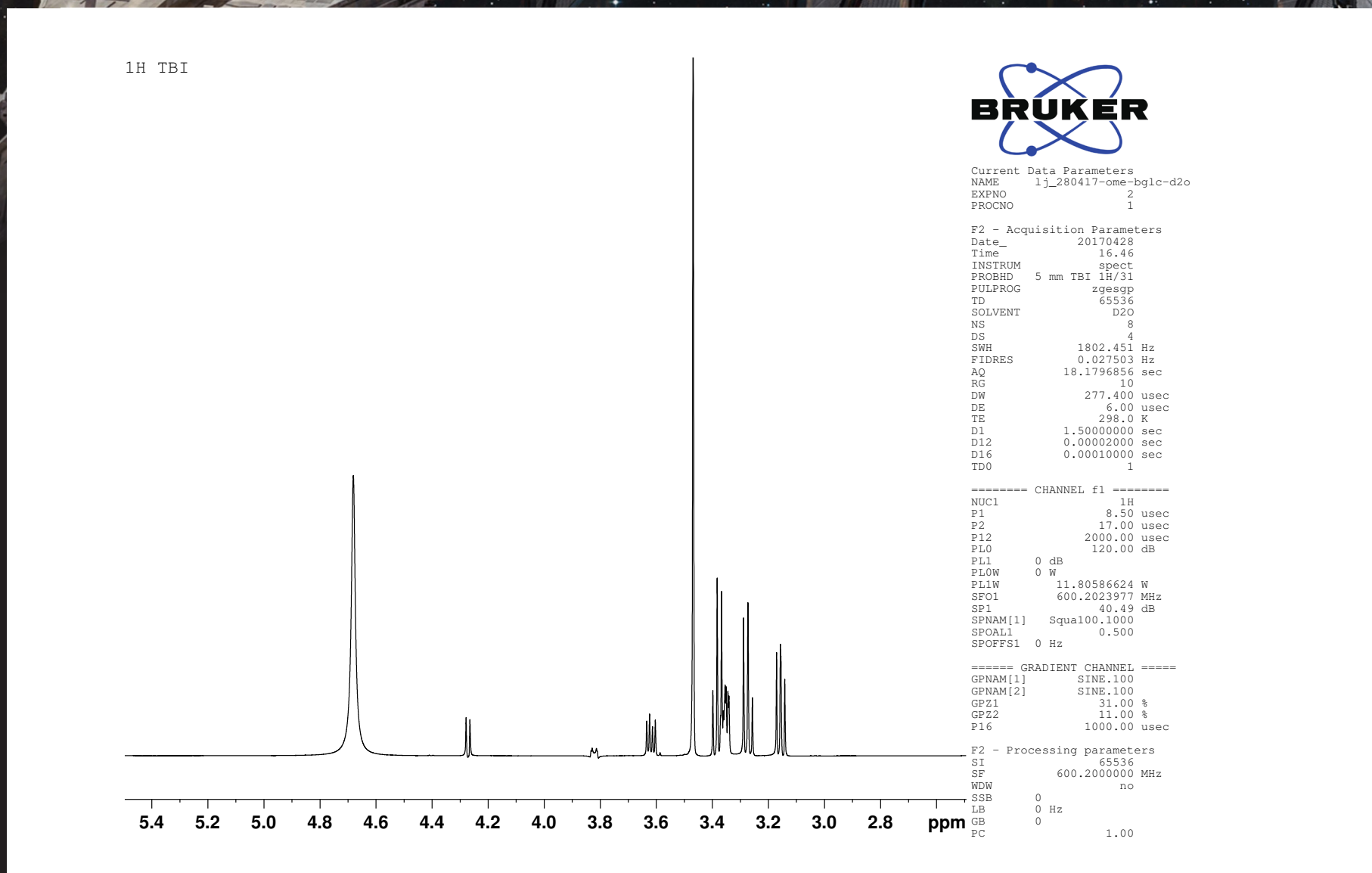


NMR
WARS

50

SCIENCE



Monomethylated β -glucose in D_2O

Linda Juetten, 2017

NMR Department | University of Cologne

Field strength: 600 MHz

Why is this your favorite spectrum?

Small things like monosaccharides provide such incredible, large varieties to do science. They appear inconspicuous in their small shape but give often a very complex spectra.

Comments: This is my favorite spectrum because this is the first one I have ever acquired. When I started my PhD time I had to learn how to use a spectrometer as an advanced user and operator. To acquire the first spectrum was very, very exciting for me. Unfortunately, I did my first and not, for sure, my last error: I forgot to calibrate properly the O1 and shaped pulse for the water suppression which consequently/obviously failed. Further, I chose a too short spectral width to assure a good spectral quality. I had the joy and luck to learn a lot concerning NMR spectroscopy, to improve myself, and this is just my beginning...