Supplementary Materials of **"Synthesis and Structural Identification of a Biaryl Ether-Linked Zearalenone Dimer"** by Julia Keller, Luisa Hantschke, Hajo Haase and Matthias Koch.

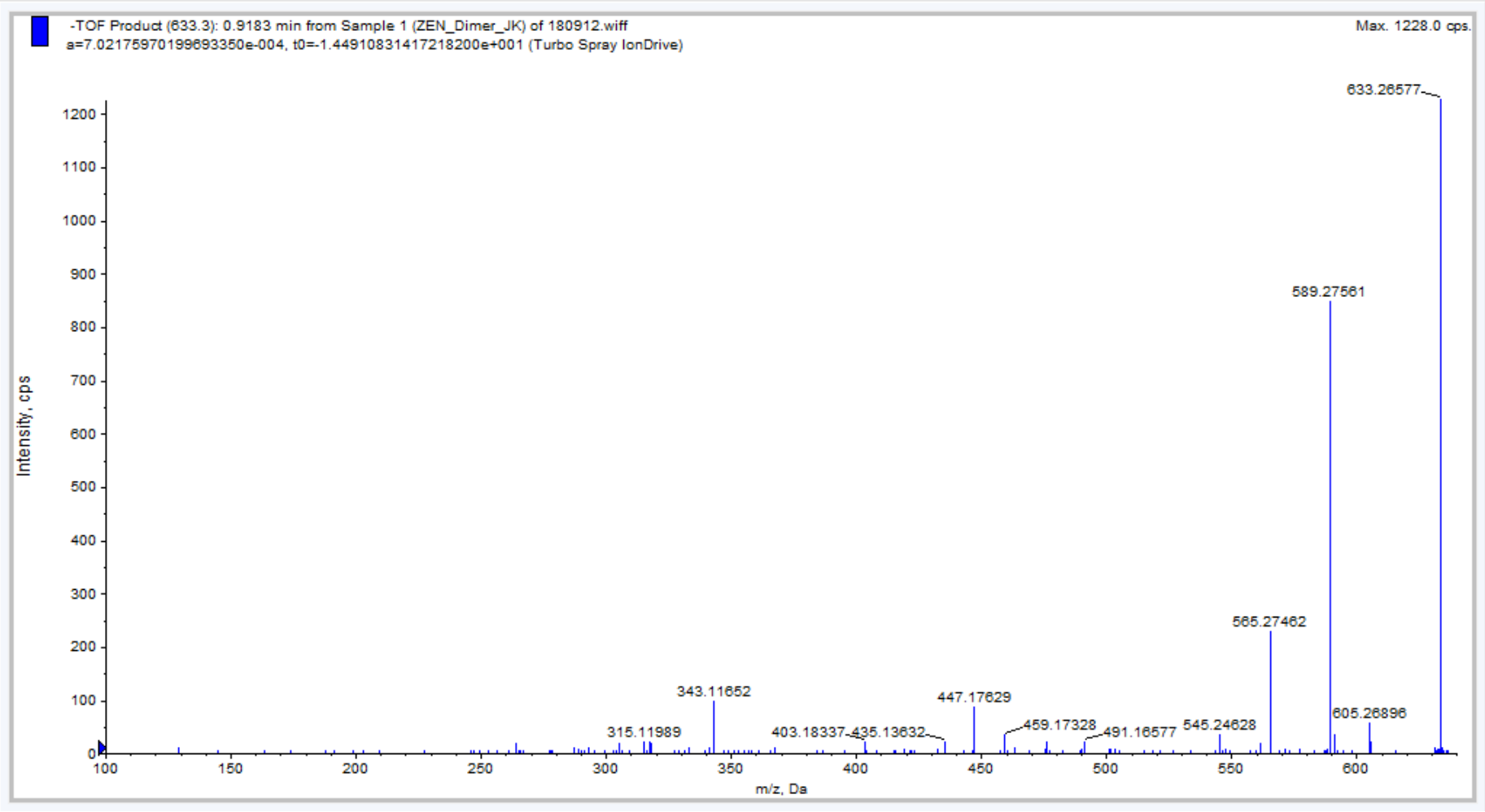


Fig. S1 MS/MS fragmentation spectrum of the ZEN-dimer obtained with Q-TOF in negative ionization mode.

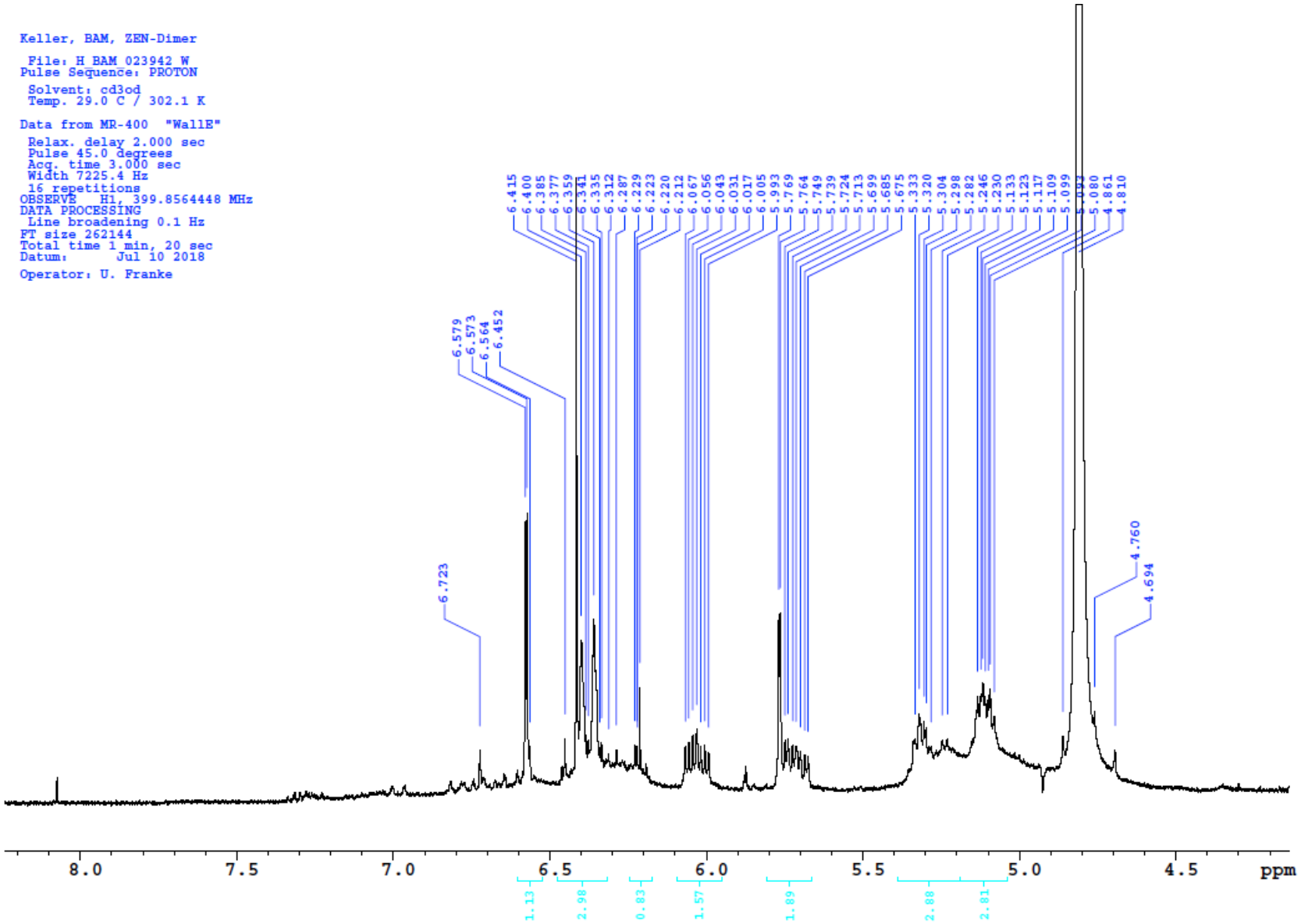


Fig. S2 $^{1}$H-NMR spectrum of the 16-O-15′-biaryl ether-linked zearalenone dimer

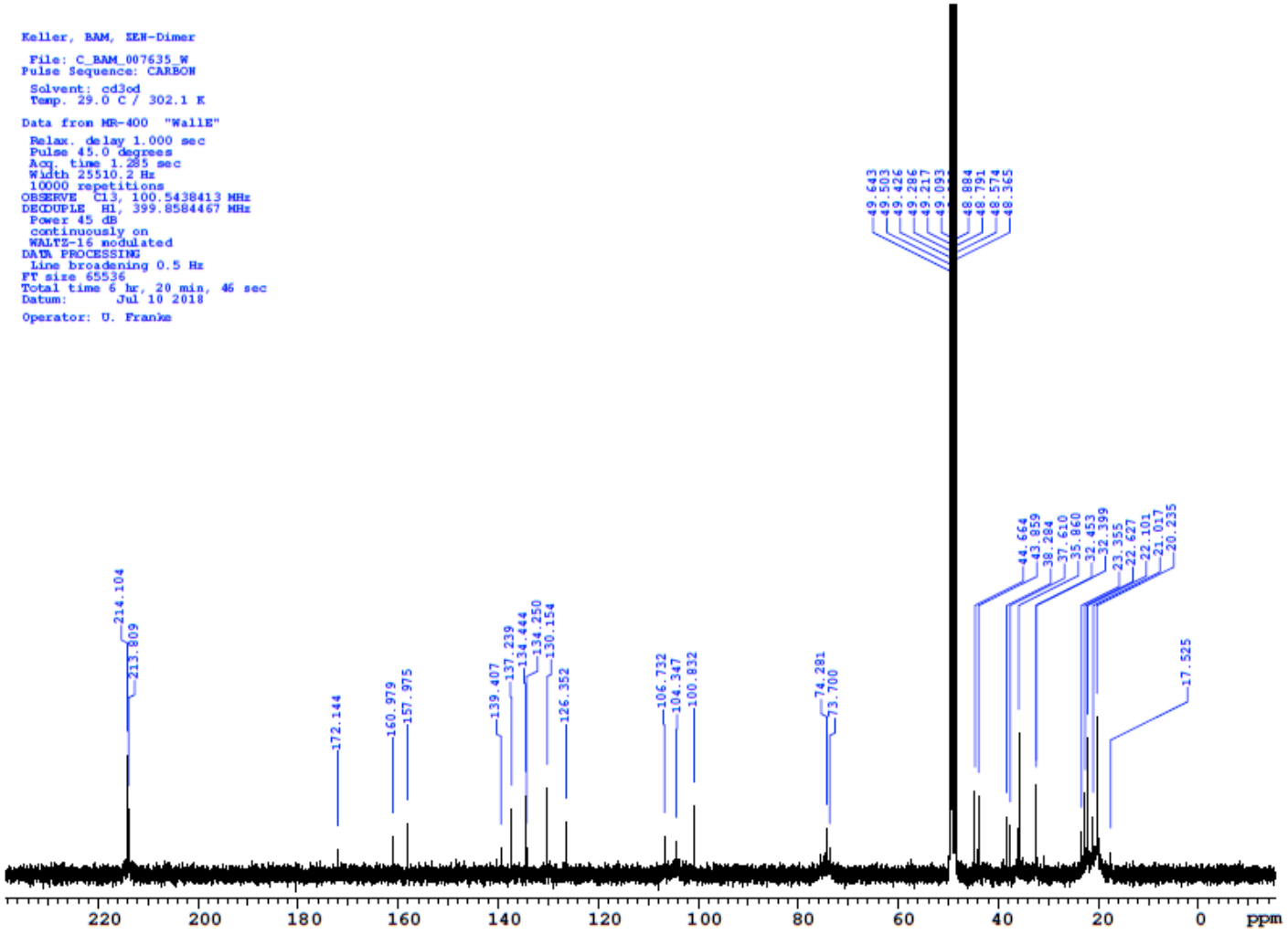


Fig. S3 $^{13}$C-NMR spectrum of the 16-O-15′-biaryl ether-linked zearalenone dimer

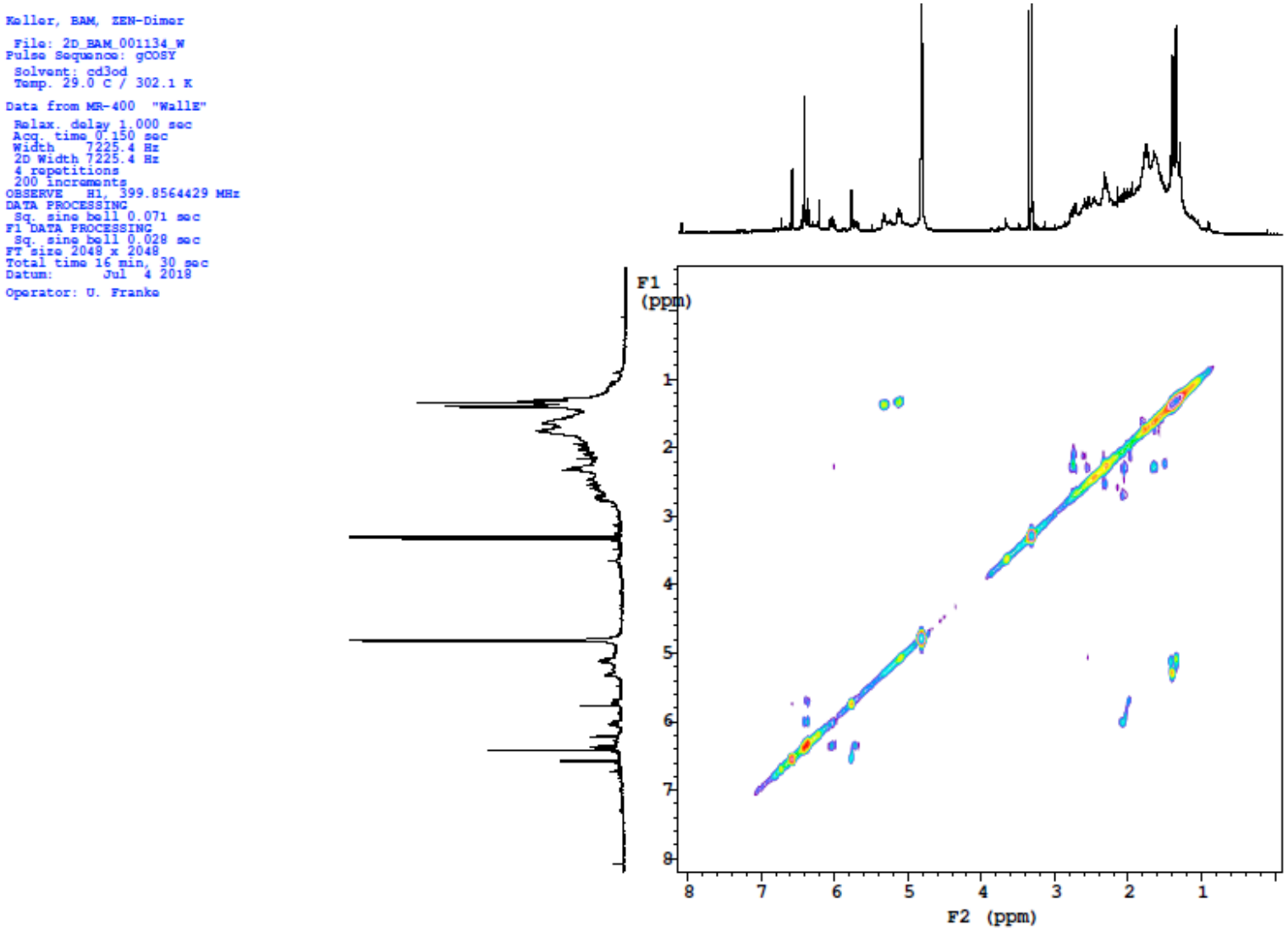


Fig. S4 COSY spectrum of the 16-O-15′-biaryl ether-linked zearalenone dimer

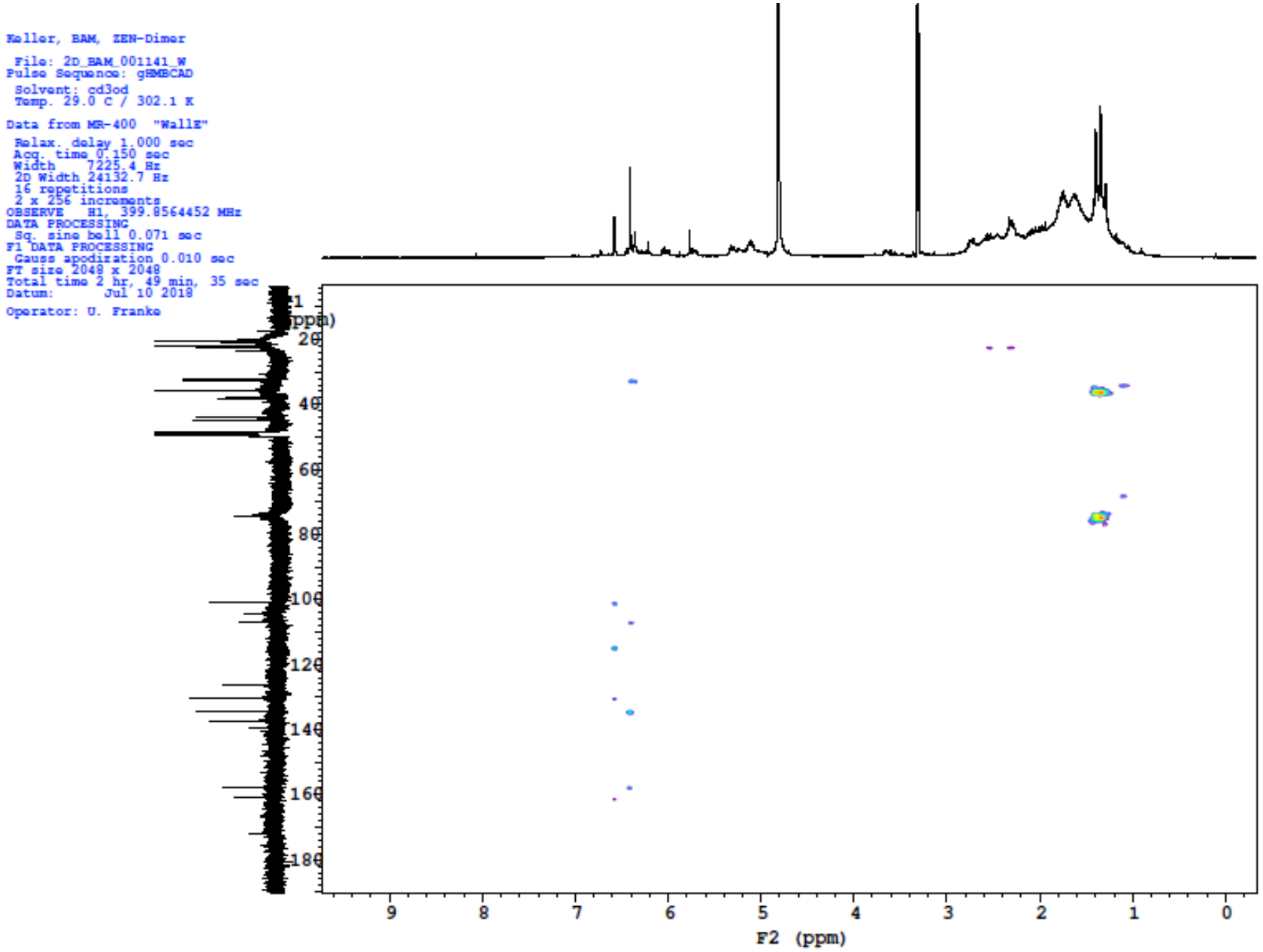


Fig. S5 HMBC spectrum of the 16-O-15′-biaryl ether-linked zearalenone dimer

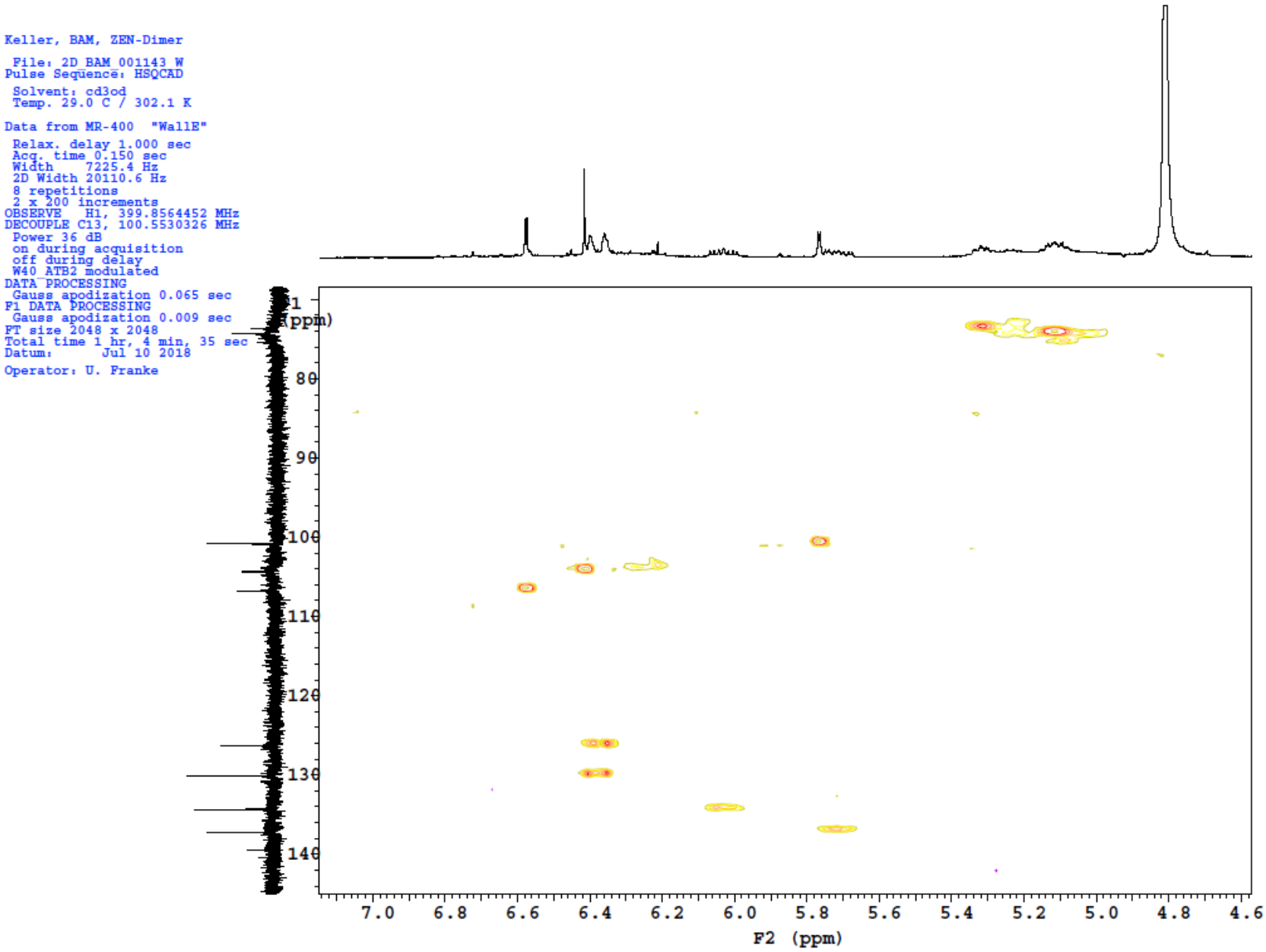


Fig. S6 HSQC spectrum of the 16-O-15′-biaryl ether-linked zearalenone dimer

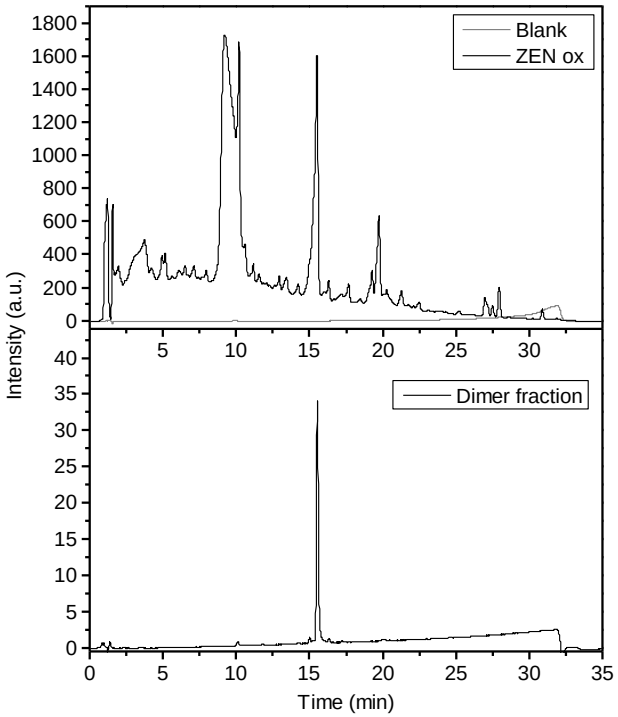


Fig. S7 HPLC-DAD chromatograms ($\lambda$=254 nm) of the zearalenone dimer reaction mixture before fractionation (top) and after fractionation (bottom)