

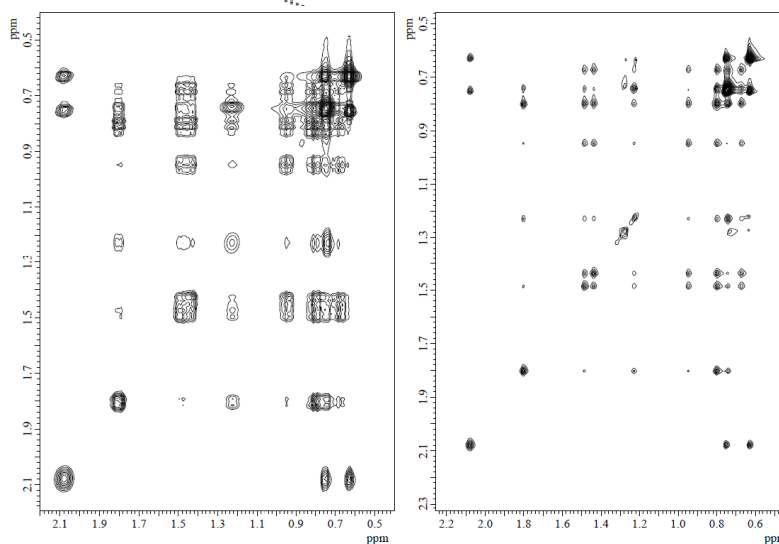
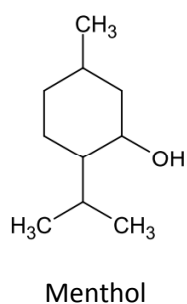
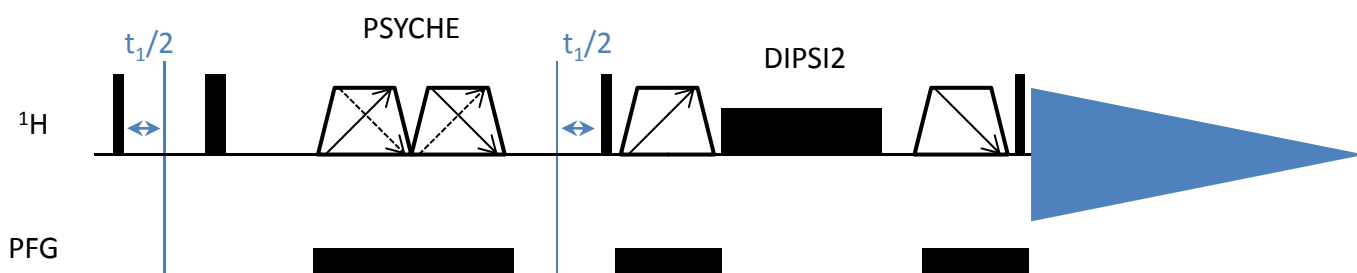
NMR software DeltaV5.3.1 Introduction of new features  
 ~ “pure shift”(2)~TOCSY

Product used : Nuclear Magnetic Resonance (NMR)

“pure shift” is a method for homo nuclear broadband decoupling. Sensitivity would be reduced, but spectra of only (pure) chemical shifts can be obtained by eliminating j coupling.

It is possible to obtain the homo nuclear broadband decoupled spectrum of both F1 and F2 axes by applying PSYCHE “pure shift” method to the F1 axis and covariance processing to the F2 axis.

The JNM - ECZ series has been adapted for “pure shift” measurement & processing from NMR software Delta V 5.3.1.



PSYCHE in F1 and covariance processing in F2

Instrument example : JNM-ECZ500R and ROYALPROBE™ HFX

※Please note that the design, specifications, appearance, price of the product may be changed without notice  
 Mohammadali Foroozandeh, Ralph W. Adams, Mathias Nilsson, and Gareth A.Morris, J. Am. Chem. Soc. 2014, 136, 11867–11869

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