

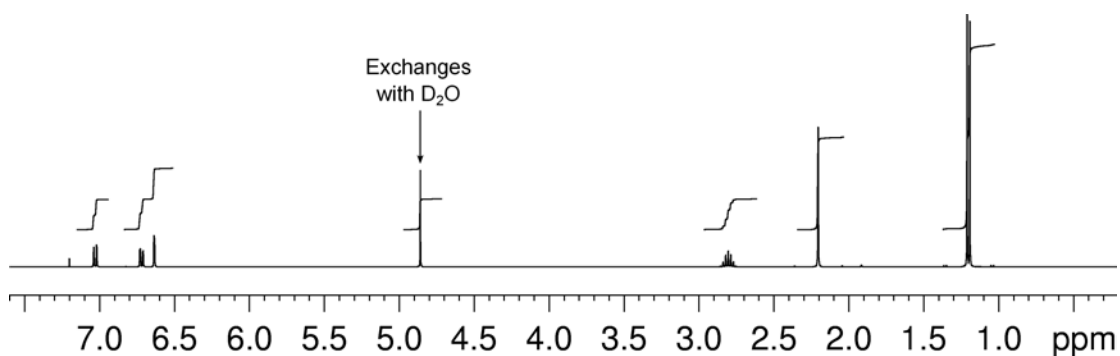
## Problem 53

Identify the following compound.

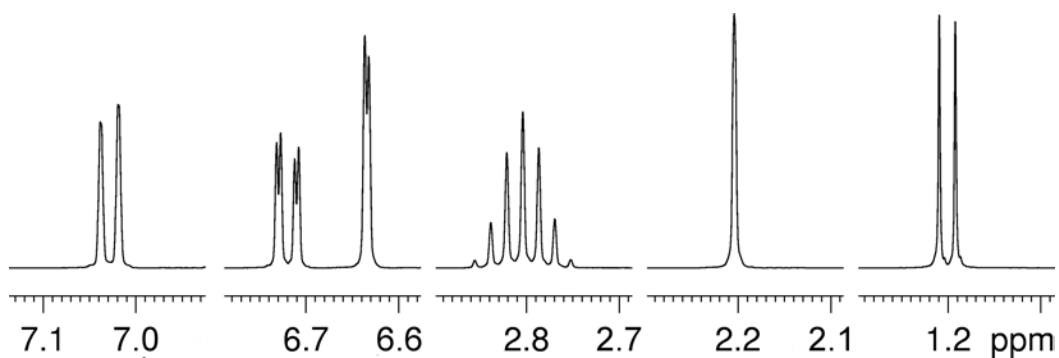
Molecular Formula:  $C_{10}H_{14}O$

IR:  $3377\text{ (br)}\text{ cm}^{-1}$

$^1\text{H}$  NMR Spectrum  
( $\text{CDCl}_3$ , 400 MHz)



$^1\text{H}$  NMR Expansion Spectrum  
( $\text{CDCl}_3$ , 400 MHz)



$^{13}\text{C}\{^1\text{H}\}$  NMR Spectrum  
( $\text{CDCl}_3$ , 100 MHz)

