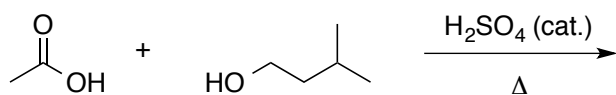
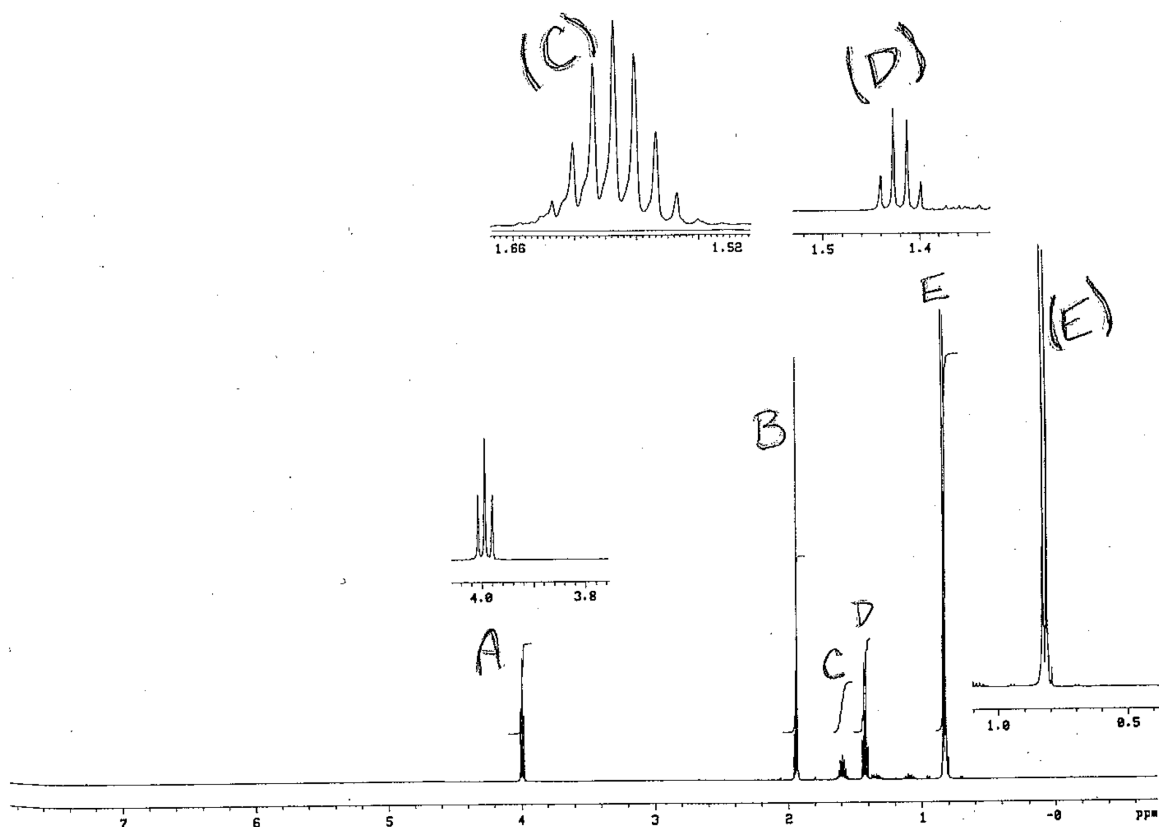


¹H NMR Analysis of Isoamyl Acetate (Banana Oil)

Signal	Integration (# of H's)	Expected Chemical Shift (ppm)	Observed Chemical Shift (ppm)	# of 3-bond Neighbors (n)	Multiplicity/ Splitting (m = n+1) ex. Singlet, doublet, etc.
A			4.0		
B			2.0		
C			1.6		
D			1.4		
E			0.9		



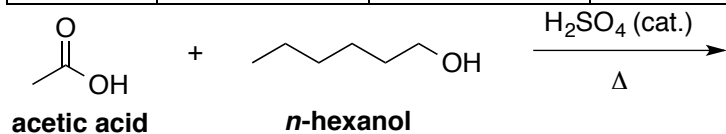
* assign signals **A-E** to protons on the structure of the product*



500-MHz ¹H-NMR spectrum of isoamyl acetate in CDCl₃.

¹H NMR Analysis of Hexyl Acetate (Apple Oil)

Signal	Integration (# of H's) Values provided below peaks	Expected Chemical Shift (ppm)	Observed Chemical Shift (ppm)	# of 3-bond Neighbors (n)	Multiplicity/ Splitting (m = n+1) ex. Singlet, doublet, etc.
A	2H		4.0		triplet
B	3H		2.0		singlet
C	2H		1.5		pentet
D	6H		1.2	(Many)	multiplet
E	3H		0.8		triplet



* assign signals A-E to protons on the structure of the product*

