



# ORGOREVIEW

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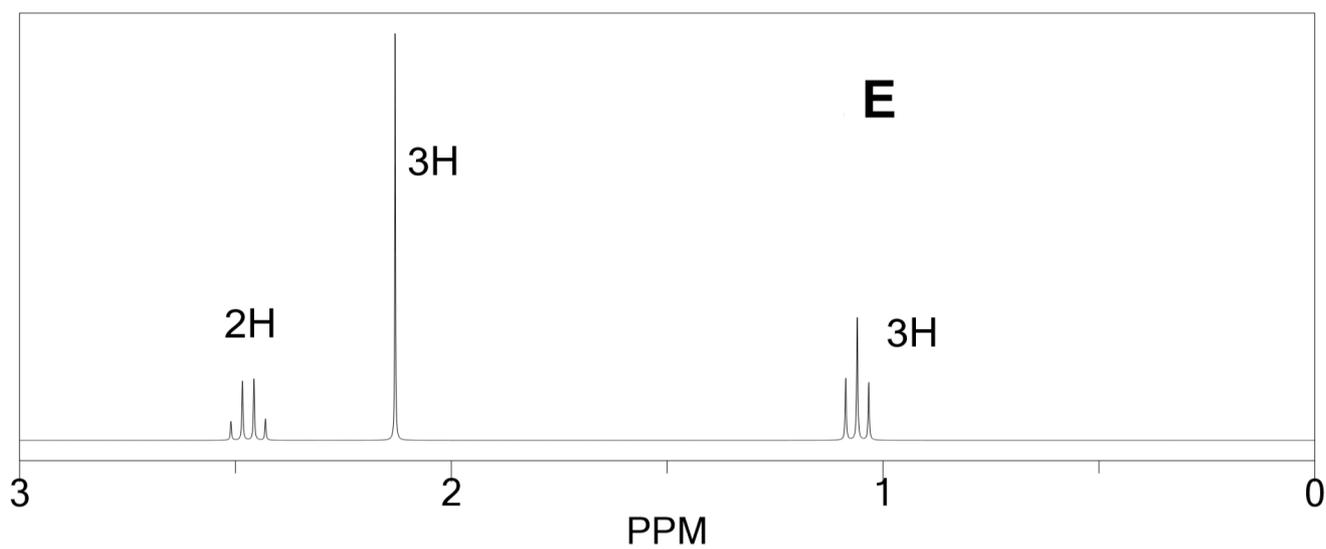
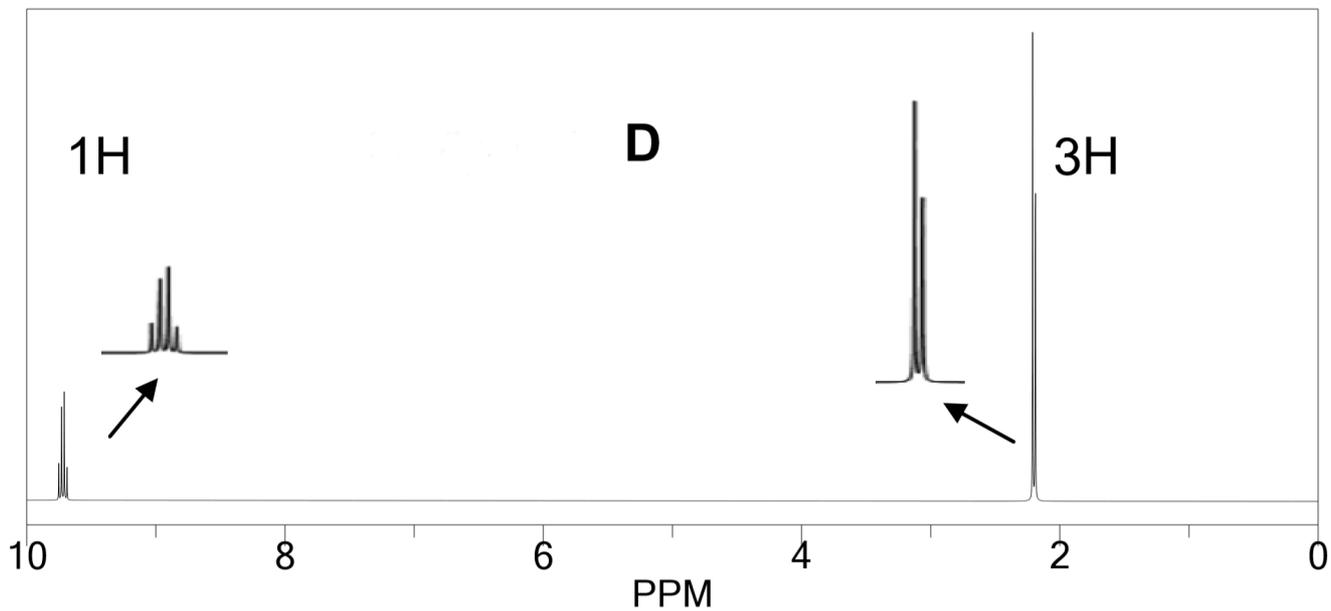
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Propose the structures for compounds A and E based on the following data. pre-class quiz.

- (a) Compounds A and B are isomeric and have the same formula  $C_6H_{12}$ .
- (b) Catalytic hydrogenation ( $H_2/Pd-C$ ) of both A and B give the same alkane C ( $C_6H_{14}$ ).
- (c) Ozonolysis of A or B (1.  $O_3$  Me<sub>2</sub>S) gives an aldehyde D and a ketone E.

The  $^1H$ -NMR spectra for D and E are shown below.



VIDEO SOLUTION



**How to Reach Us**

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