

1 *Supplementary Materials*

2 **Supermagnetic Nano-bifunctional Catalyst from Rice**
 3 **Husk: Synthesis, Characterization and Application**
 4 **for Conversion of Used Cooking Oil to Biodiesel**

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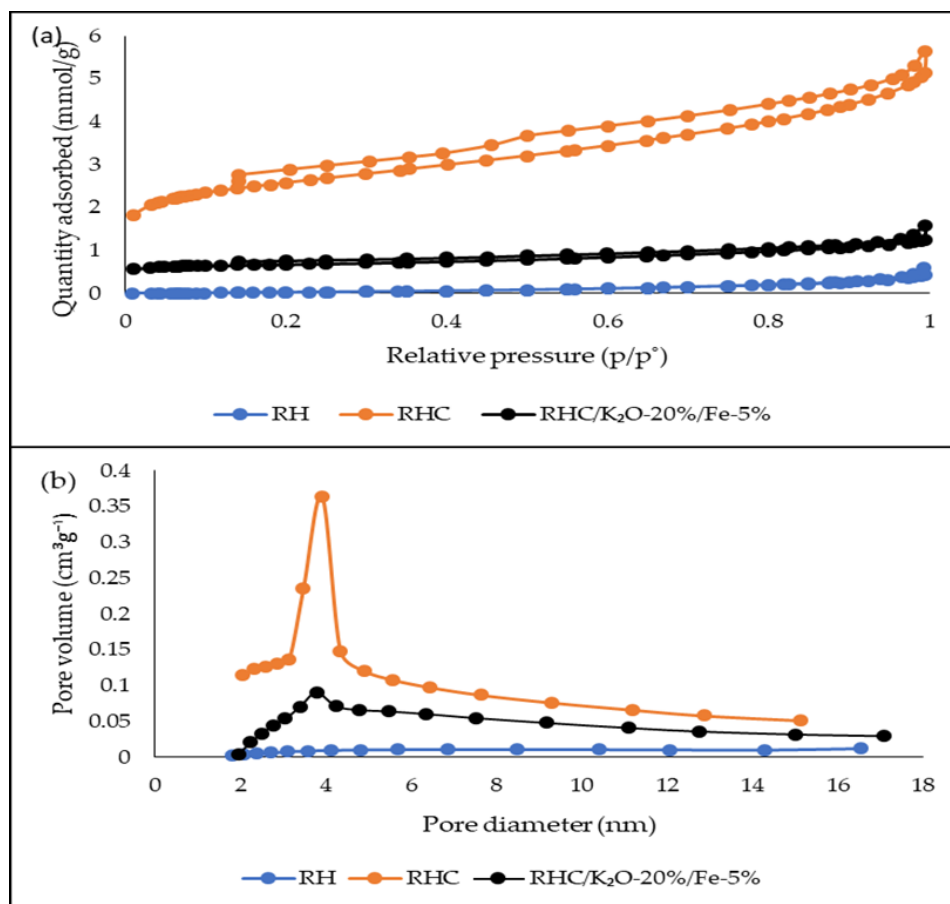
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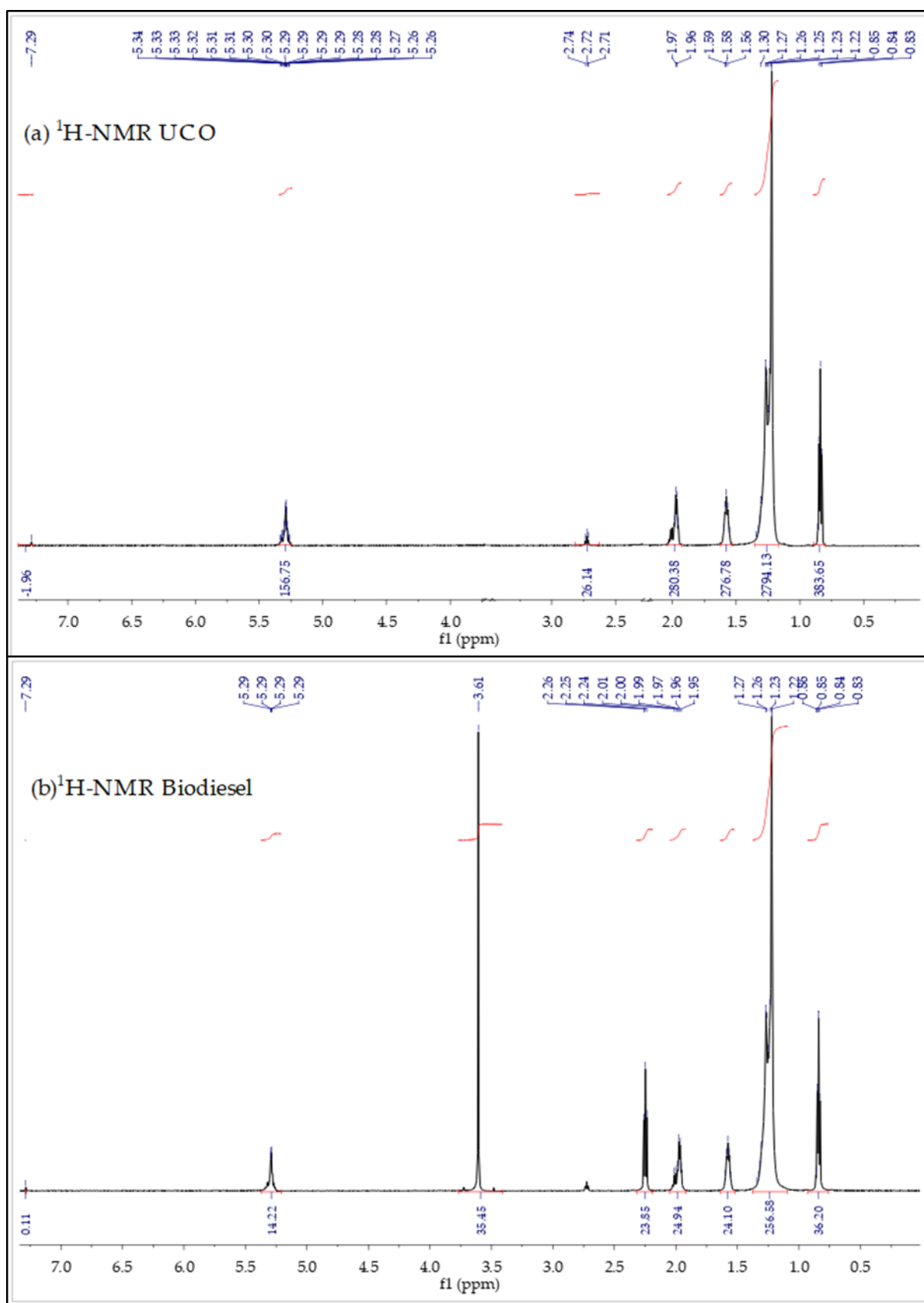
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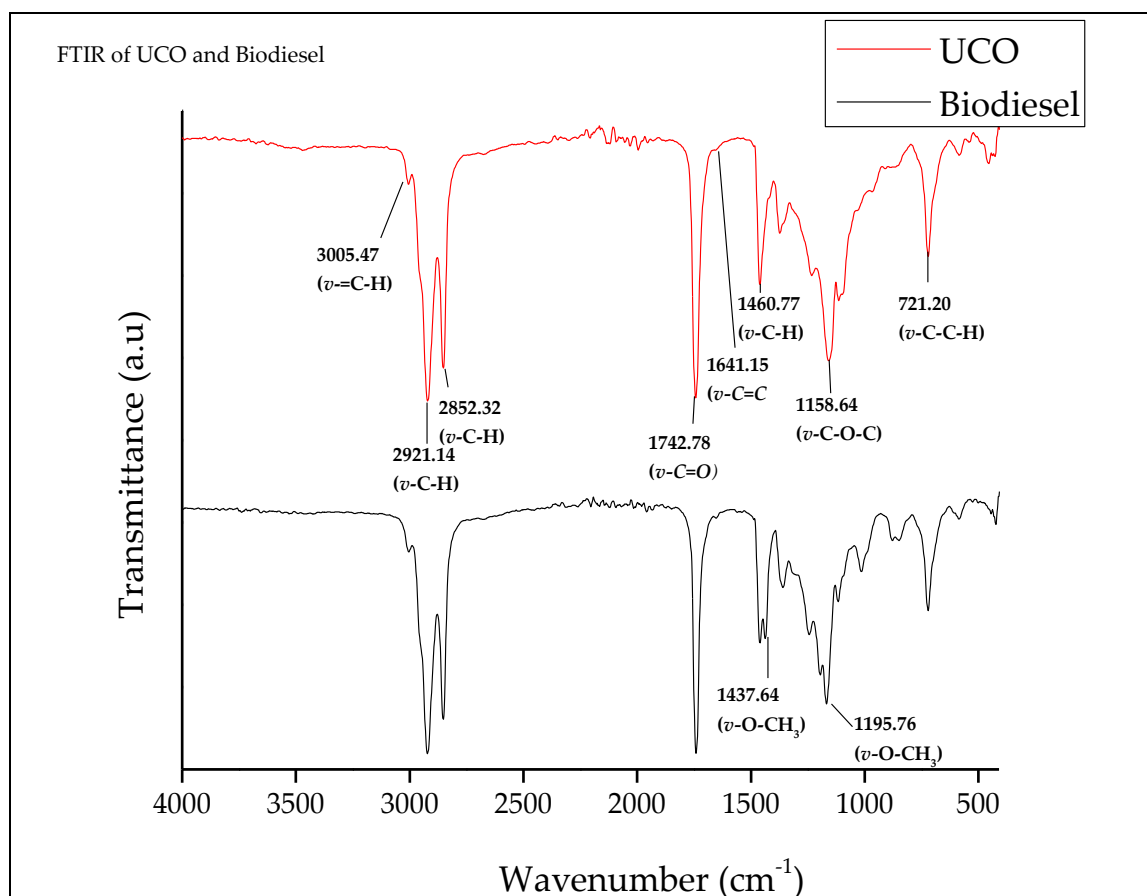
23 **Figure S1.** (a) Nitrogen adsorption-desorption isotherms of the RH, RHC and RHC nano-magnetic
 24 catalysts, (b) Pore volume of the RH, RHC and RHC nano-magnetic catalysts.

Figure S2. (a–b) $^1\text{H-NMR}$ spectra of UCO and biodiesel.

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Figure S3. FTIR spectra of UCO and biodiesel.