

Supporting Information

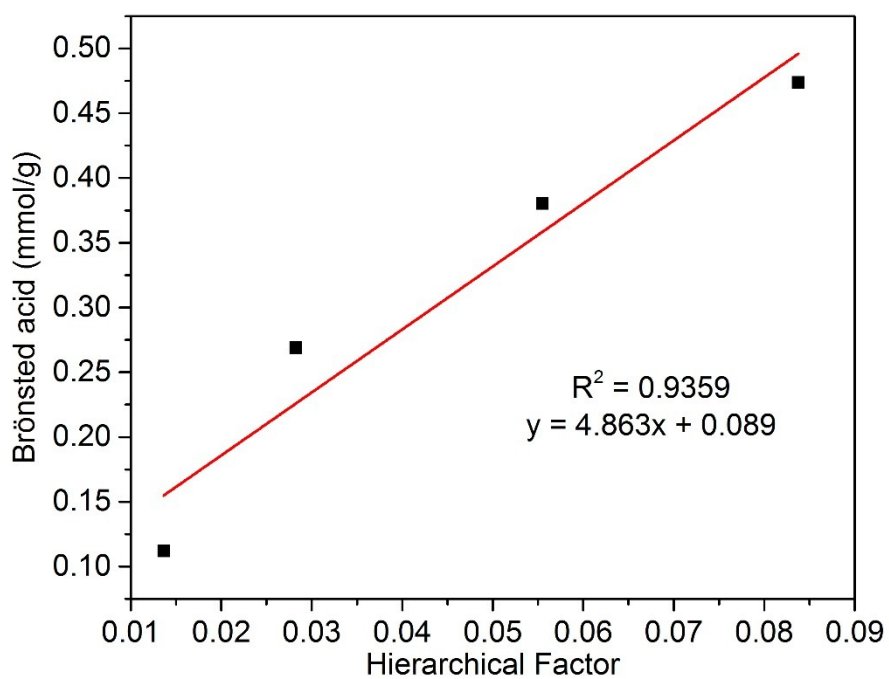


Fig. S1: Relationship between the amount of Brønsted acid site and the H.F value of the synthesized zeolites

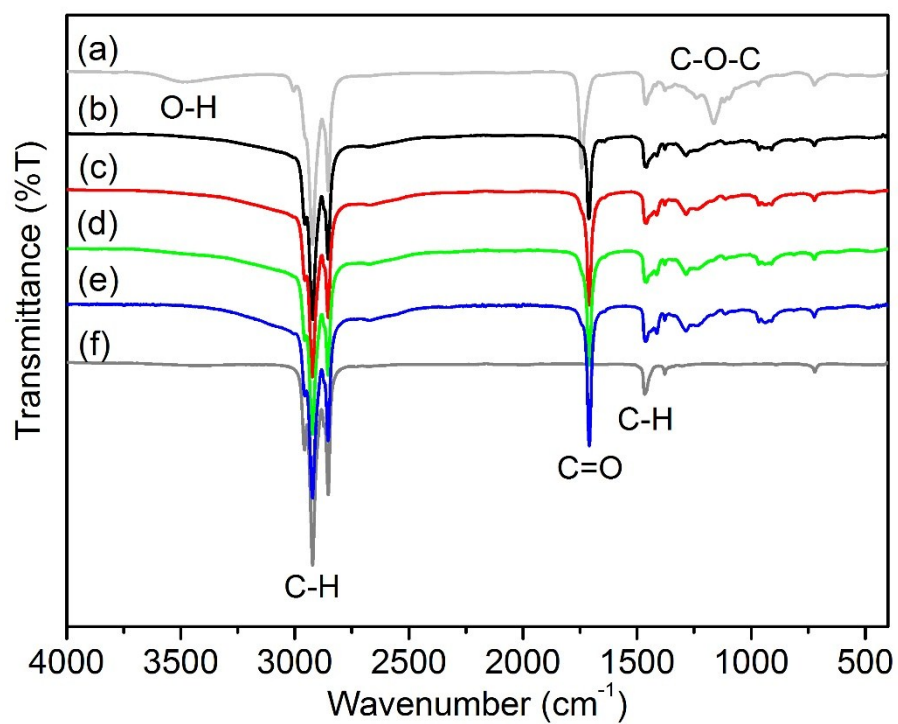


Fig. S2: FTIR spectra of (a) triolein, liquid products obtained after reacted with (b) Y20, (c) Y65, (d) Y380, (e) Y2750 at 380 °C for 4 h, and (f) dodecane

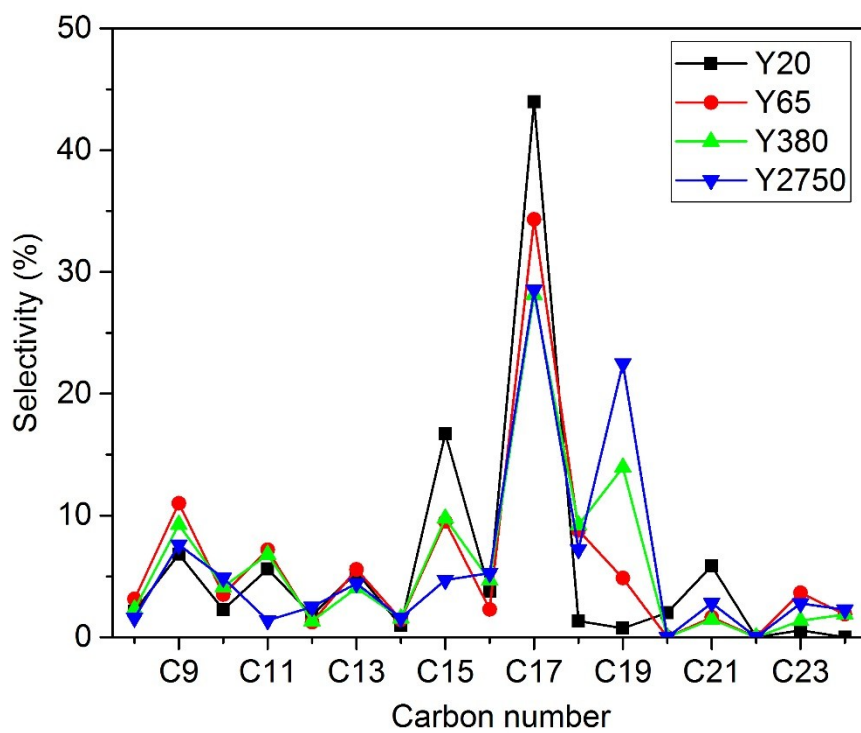


Fig. S3: Carbon selectivity of the deoxygenized liquid product

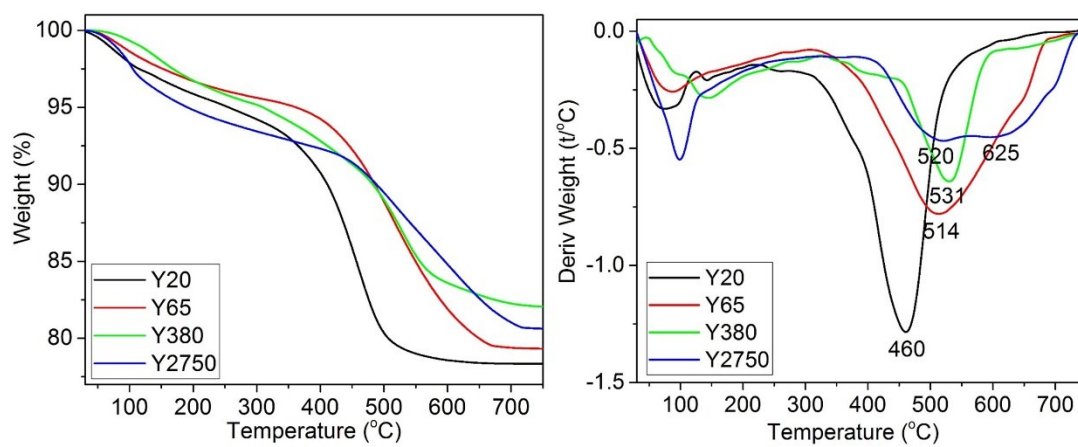


Fig. S4: TGA/DTG profiles of Y20, Y65, Y380 and Y2750 after reacted for 3 consecutive runs at 380 °C for 4 h

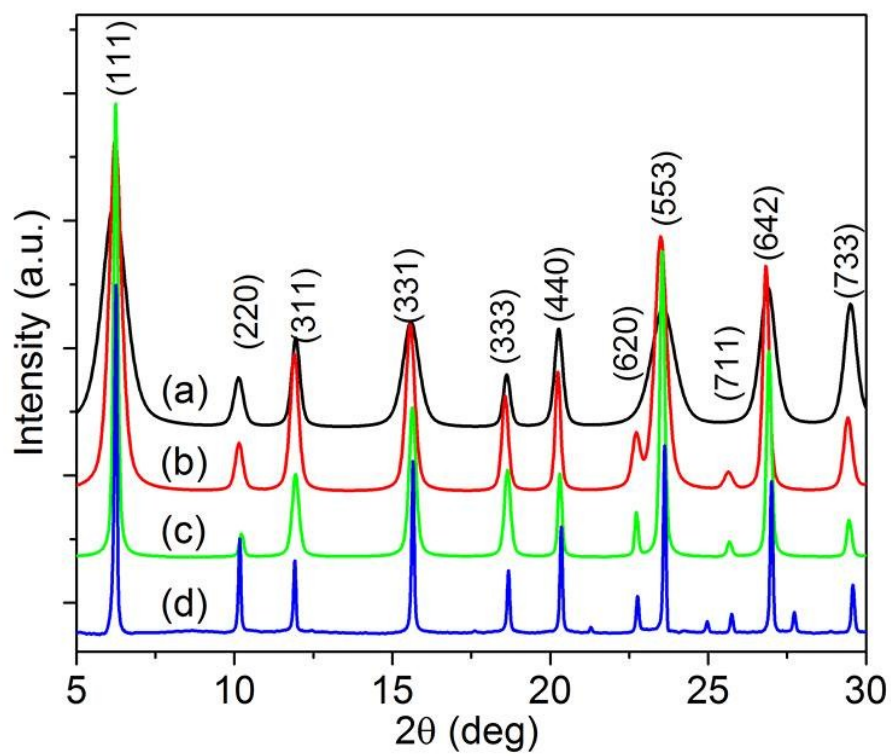


Fig. S5: XRD diffractograms of (a) Y20, (b) Y65, (c) Y380 and (d) Y2750 after 3 consecutive catalytic reaction runs at 380 °C for 4 h