Electronic supplementary information (ESI)

Effect of potassium promoter on Fischer-Tropsch synthesis to light olefins over iron carbide catalysts encapsulated in graphene-like carbon

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Figure S1. Raman spectra of xK-Fe₃C@C catalysts (x=0, 0.5, 1, 2, 3 and 5).
Figure S2. FT-IR spectra of xK-Fe$_3$C@C catalysts (x=0, 0.5, 1, 2, 3 and 5) and typical spectrum of D-glucose.
Figure S3. ASF plots of xK-Fe$_3$C@C catalysts (x=0, 0.5, 1, 2, 3 and 5).