

Selective catalytic reduction of nitric oxide with propylene over Fe/Beta catalysts under lean-burn conditions

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Support information

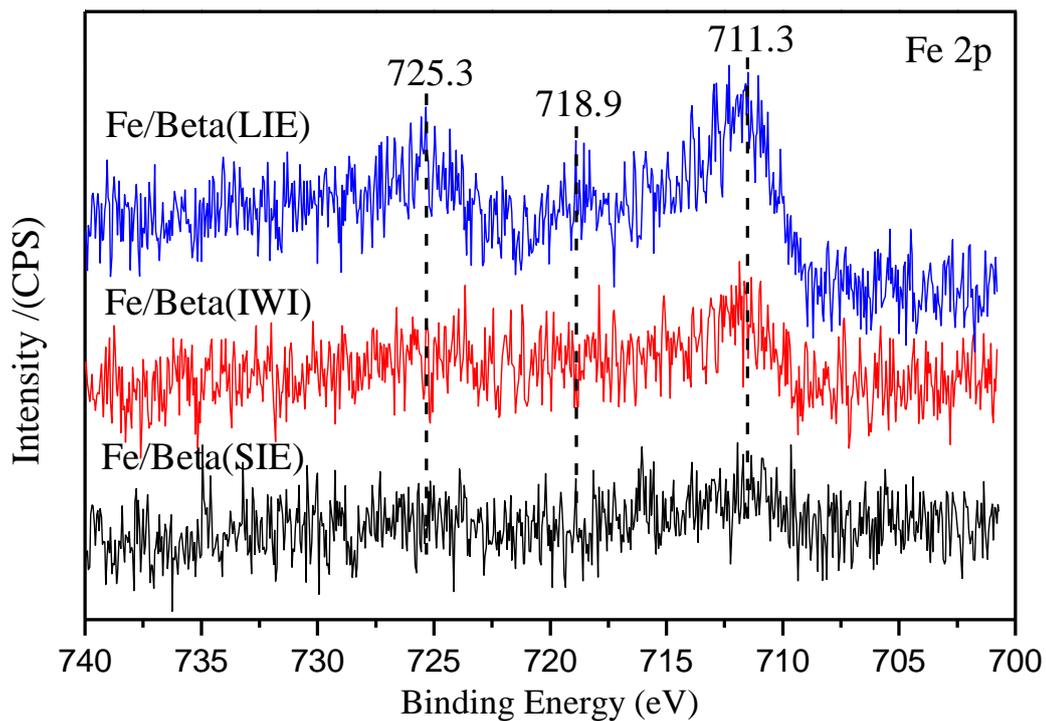


Fig. S1. XPS spectra of Fe 2p of Fe/Beta catalysts prepared by different methods.

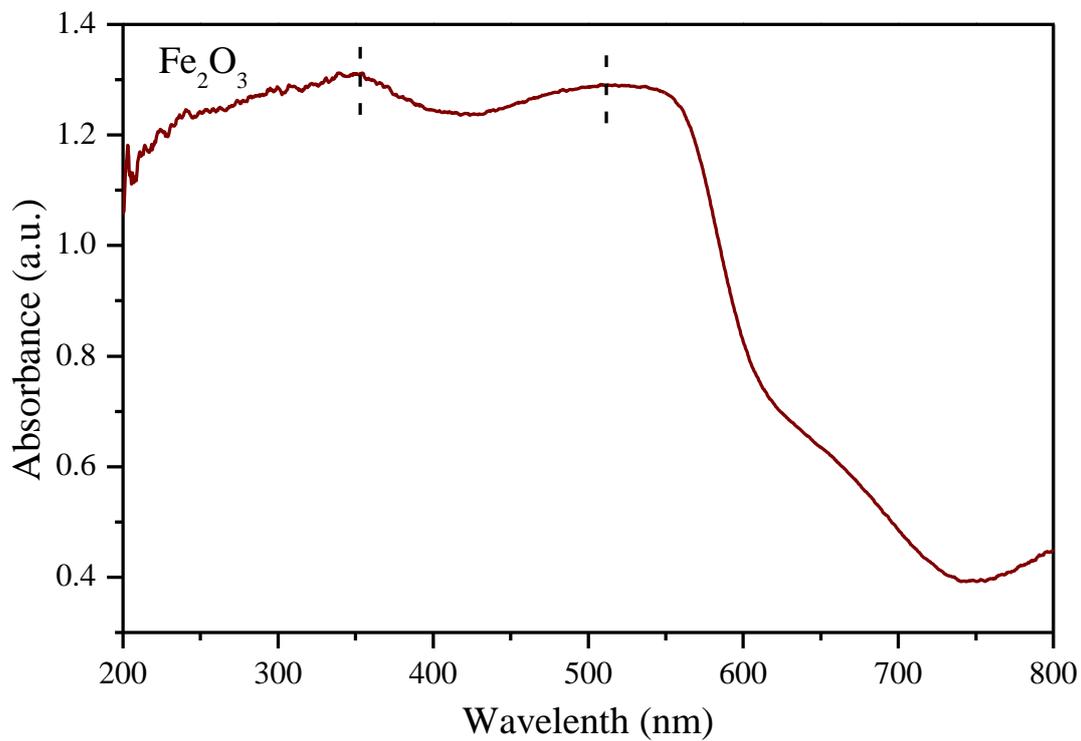


Fig. S2. UV-vis spectra of Fe₂O₃.

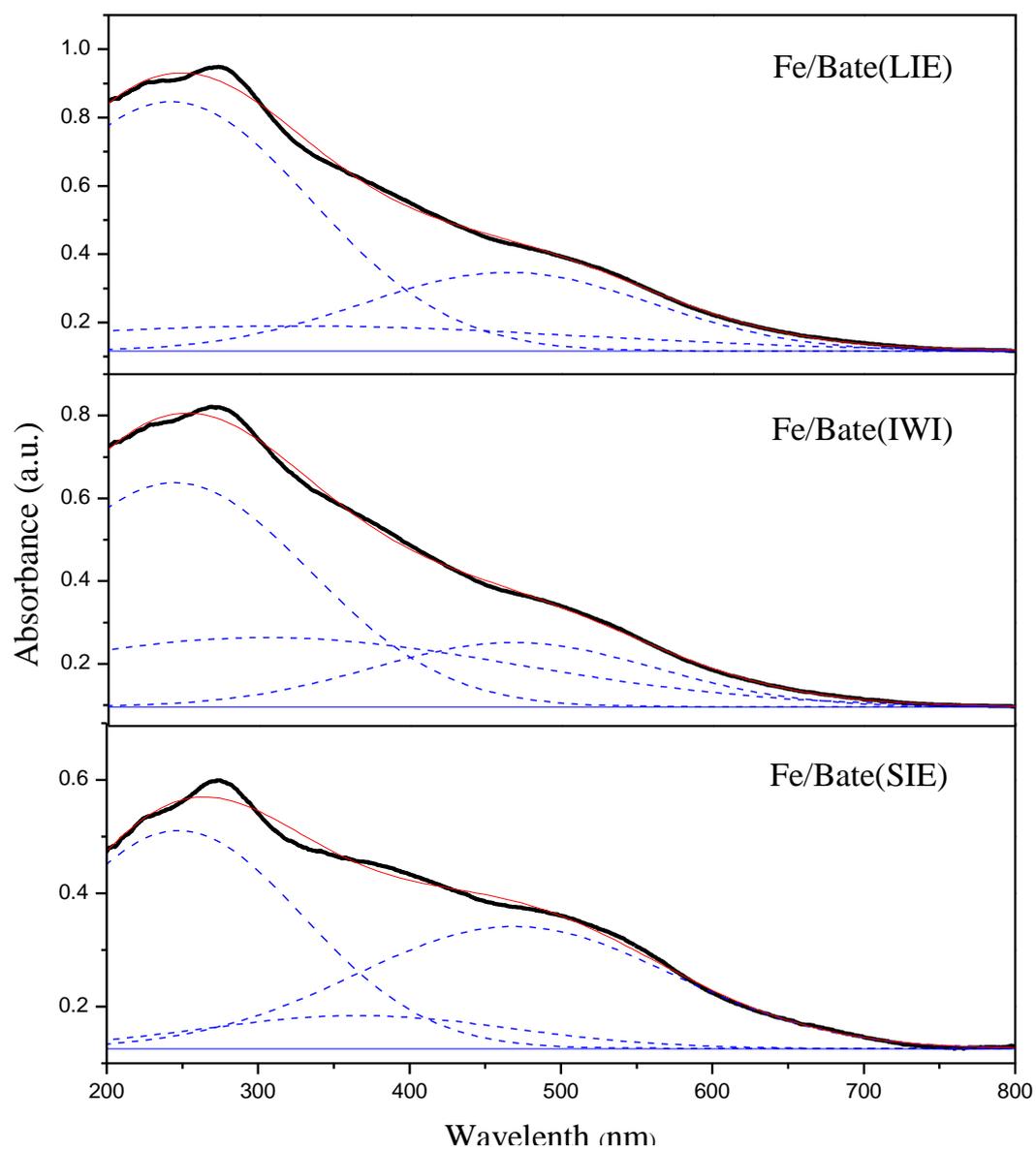


Fig. S3. UV-vis spectra with deconvolution method of Fe/Bate catalysts.

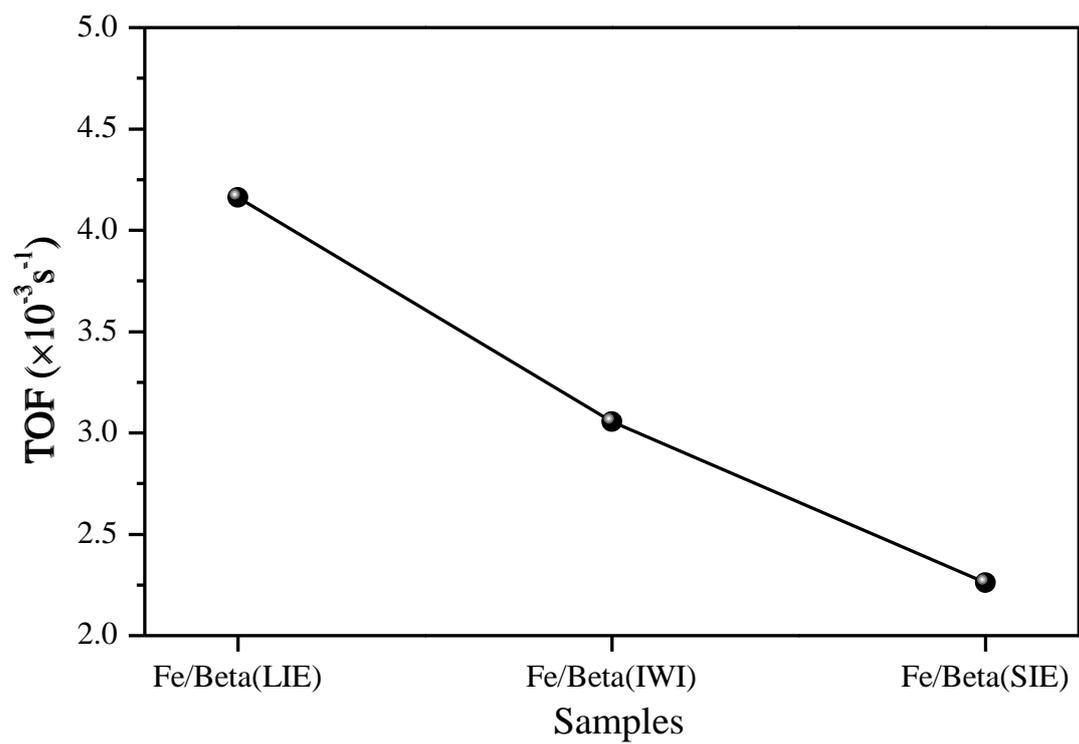


Fig. S4. Apparent TOF with total Fe at 200 °C on Fe/Bate catalysts.

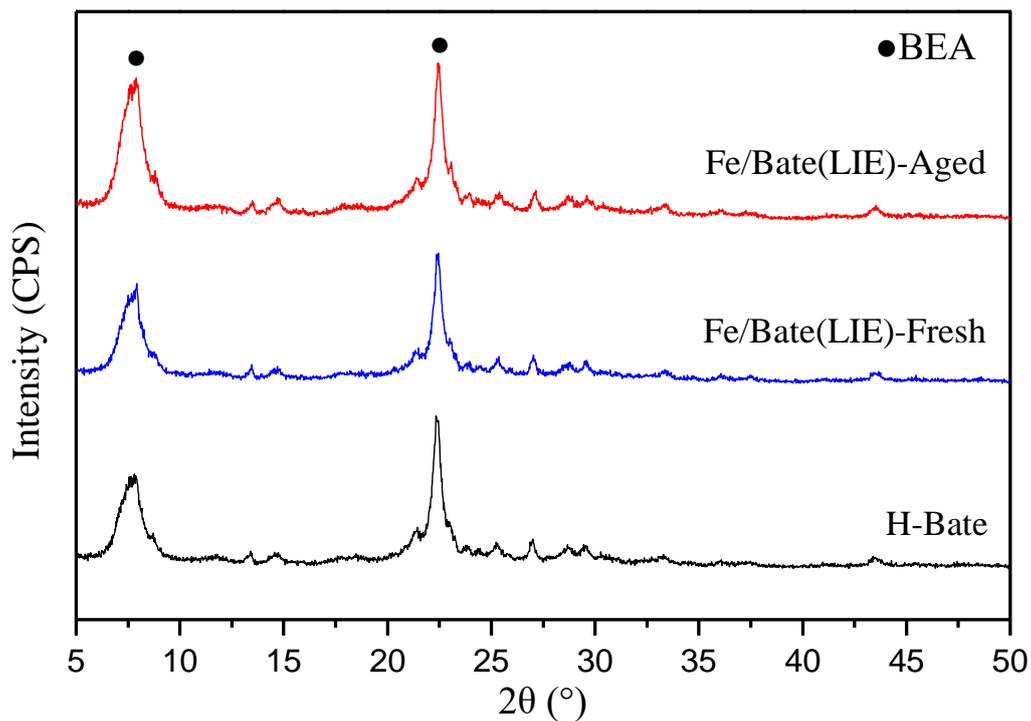


Fig. S5. XRD diffractograms of the fresh and aged Fe/Bate catalysts.

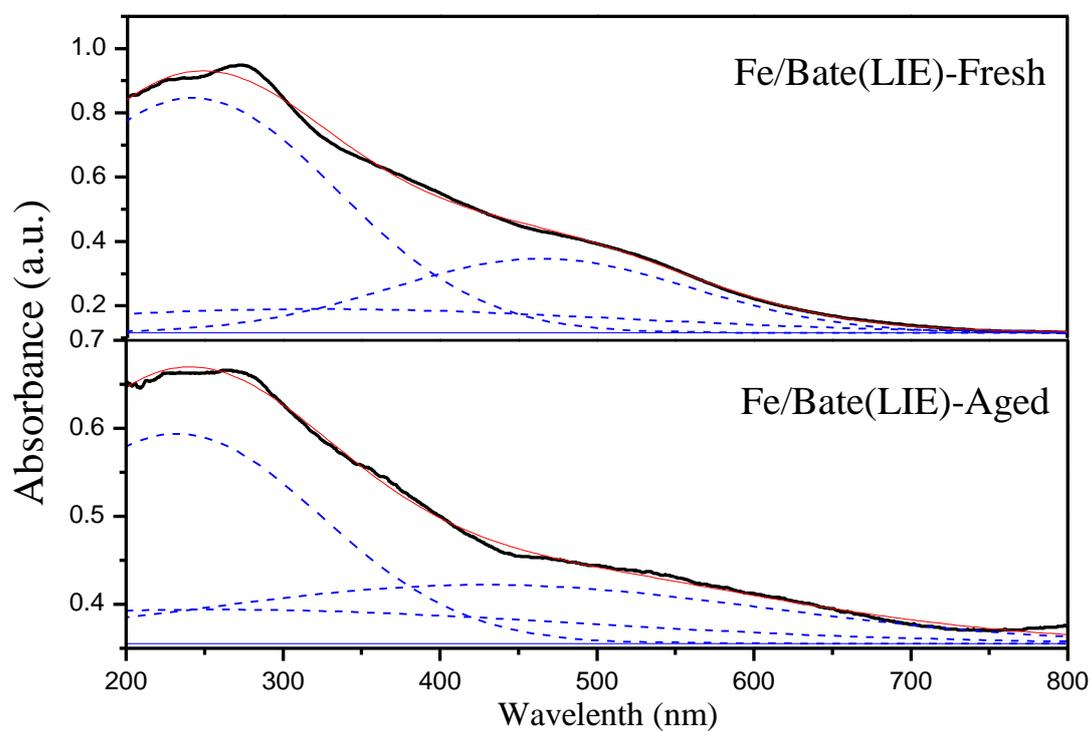


Fig. S6. UV-vis spectra with deconvolution method of the fresh and aged Fe/Bate catalysts.

Table S1 Percentage of Fe species over the fresh and aged Fe/Bate catalysts

Catalyst	Fe_a (%)	Fe_b (%)	Fe_c (%)
Fe/Bate(LIE)-Fresh	65.2	13.5	21.3
Fe/Bate(LIE)-Aged	51.3	20.7	28.0

(a) Isolated Fe^{3+} in tetrahedral and octahedral coordination, (b) Oligomeric Fe_xO_y clusters, (c) Fe_2O_3 nanoparticles.