

Supplementary information

Exploration of the dynamic equilibrium between the rare earth location within RE-NaY zeolite and the FCC carbon deposition precursor

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Table S1 Quantitative semi-analysis of the peak areas at 1521 cm⁻¹ and 1488 cm⁻¹

	Peak area at 1521 cm ⁻¹	Peak area at 1488 cm ⁻¹
Fig. 12-d	1.35	0.41
Fig. 12-f	0.99	0.36
Fig. 12-j	0.16	0.09
Fig. 12-l	0.066	0.036

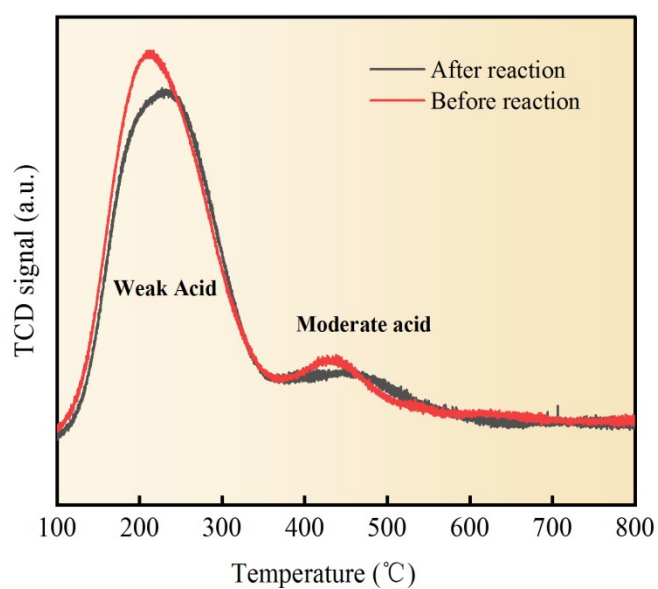


Fig.S1 NH₃-TPD spectra of before/after reaction of Ce_{0.01}Y-550 zeolite sample