Supporting Information (SI)

Suppression of platinum sintering on Pt-M/ZSM-22 (M=Ce, La, Re) catalyst for n-dodecane isomerization

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Fig. S1 H2-TPR profiles of ZSM-22 zeolites supported different promoters
Fig. S2 XPS of Ce 3d, La 3d, and Re 4f of calcined and reduced samples (a: calcined SEA-Pt-Ce, b: reduced SEA-Pt-Ce, c: calcined SEA-Pt-La, d: reduced SEA-Pt-La, e: calcined SEA-Pt-Re, f: reduced SEA-Pt-Re)
Fig. S3 FT-IR spectra of pyridine adsorbed onto different samples at 200 °C (a) and 350 °C (b)