

SUPPLEMENTARY MATERIAL

Figure S1. (a) N₂-adsorption-desorption isotherm of the FeHtrz-silica nanocomposite. (b) pore size (diameter) distribution of the FeHtrz-silica nanocomposite.

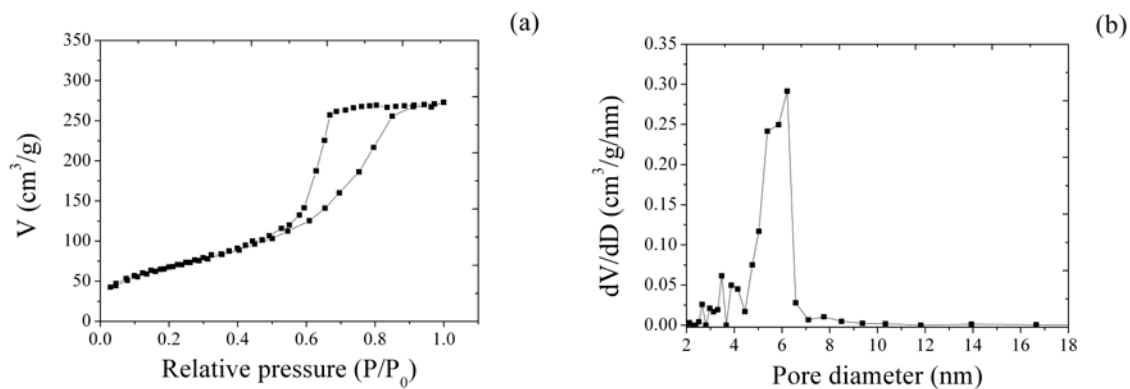


Figure S2. Thermogravimetric analysis of an empty silica xerogel monolith and of a FeHtrz-silica nanocomposite.

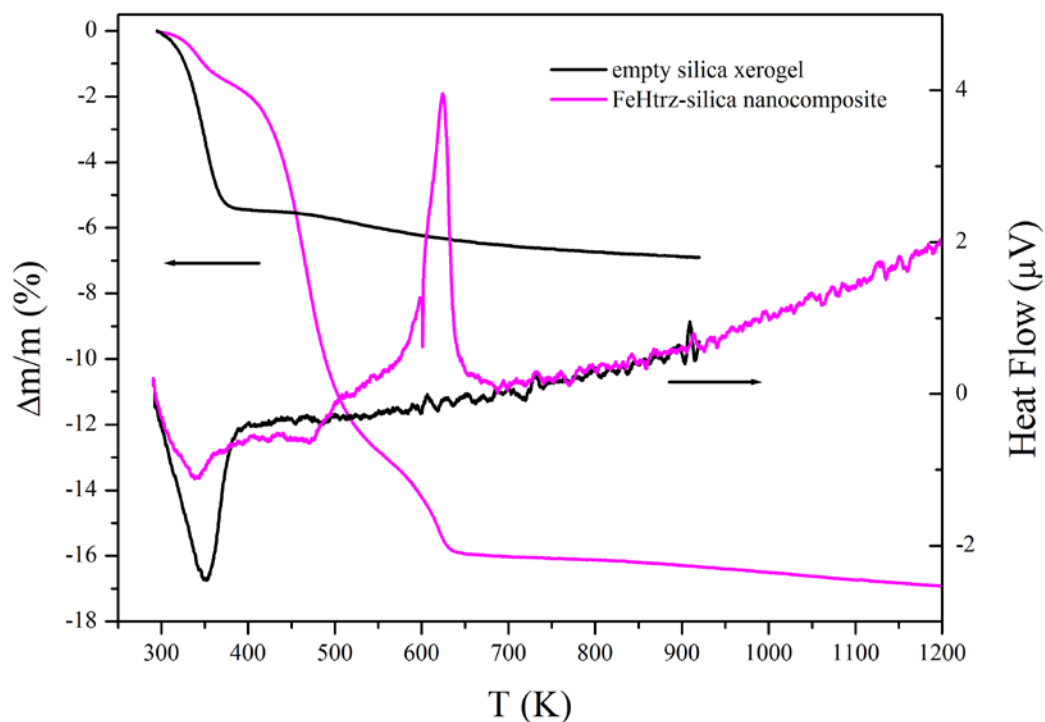


Figure S3 Temperature dependent IR spectra of the FeHtrz-silica nanocomposite in the cooling mode (top) from 403K (in red) to 226 K (in blue) after the first cycle shown in figure 5.

