Separation and Recovery of Scandium from Sulfate Media by Solvent Extraction and Polymer Inclusion Membranes with Amic Acid Extractants

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Figure S1. Time dependence of the percentage extraction (a,b) and stripping (c,d) of Sc(III) and Fe(III) involving an organic phase containing 50 mmol dm$^{-3}$ D2EHAG (a,c) or D2EHAF (b,d). Experimental conditions: feed solution volume and composition – 2.5 mL, 0.1 mmol dm$^{-3}$ Sc(III) and Fe(III) in 0.1 mol dm$^{-3}$ sulfuric acid/ammonium sulfate buffer adjusted to pH 1.5; stripping solution volume and composition – 2.5 mL, 0.5 mol dm$^{-3}$ H$_2$SO$_4$. The error bars are ±SD (standard deviation).