



Figure S1. The HPLC chromatograms of samples taken from enzymatic hydrolysis of 4-NP- $\alpha/\beta$ -GalNAc in crystal suspensions; A: at 0 min, (beta) 4-NP- $\beta$ -GalNAc, (alpha) 4-NP- $\alpha$ -GalNAc, (4-NP) 4-nitrophenol; B: at 1 h; C: at 4 h; D: sample of crystals after isolation.