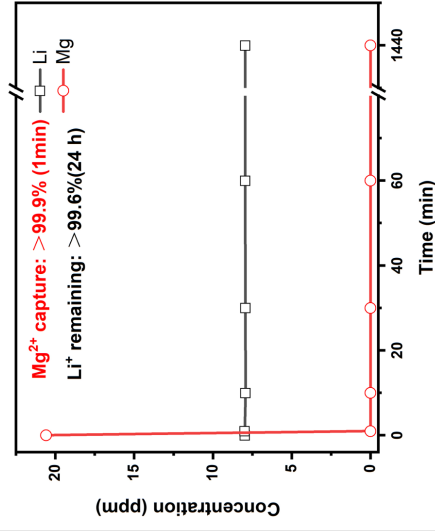
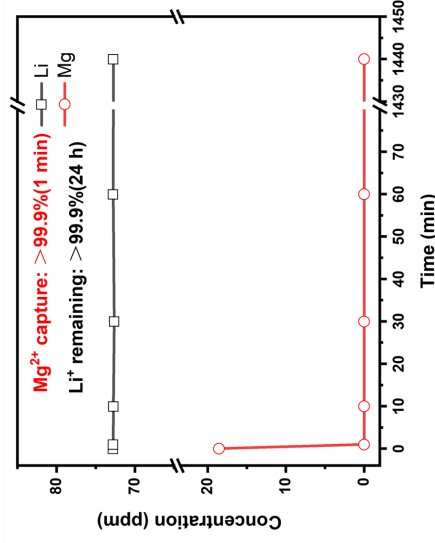


# Exceptional ultra-selectivity of $\text{Li}^+/\text{Mg}^{2+}$

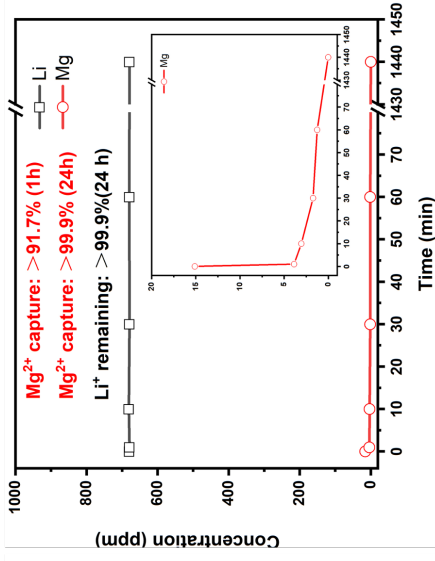
Feed solution: 0.01M LiCl/0.01M  $\text{MgCl}_2$  (1:1)



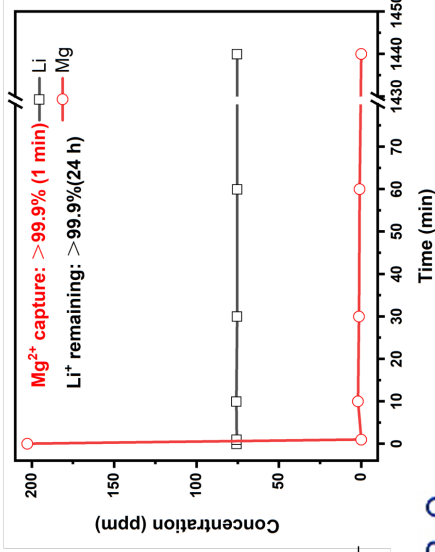
Feed solution: 0.1M LiCl/0.01M  $\text{MgCl}_2$  (10:1)



Feed solution: 1.0 M LiCl/0.01M  $\text{MgCl}_2$  (100:1)



Feed solution: 0.1M LiCl/0.1M  $\text{MgCl}_2$  (1:1)



Feed solution: 1.0 M LiCl/0.1M  $\text{MgCl}_2$  (10:1)

