



Fig. 2. Influence of hydrochloric acid added to the sample on the peak shape of methylphosphonic acid (A) and on efficiency (N , s) and retention (k' , t_R) (B). Column, 400 mm x 0.32 mm i.d. PRP-X100; flow rate, 4 μ l/min; eluent, 0.5% formic acid in water; injection volume, 10 μ l. HCl concentration (mg/ml) in the sample: A, 0.2; B, 0.4; C, 1.5; D, 2.0. n , Reference points (N) and (k') obtained by 60-nl injection.