Figure S1 Excess adsorption isotherm of ACN and water on Amino-bonded stationary phase (synthesized on the same silica gel Kromasil 100A), column dimension 125×4.6 mm.

Figure S2 Excess adsorption isotherm of ACN on C18 stationary phase (synthesized on the same silica gel Kromasil 100A), column dimension 125×4.6 mm.