## **Supplementary information**

Study of Peak Capacities Generated by a Porous Layered Radially Elongated Pillar Array Column Coupled to a Nano-LC System

Shunta Futagami<sup>a,b</sup>, Takeshi Hara<sup>a,c</sup>, Heidi Ottevaere<sup>b</sup>, Herman Terryn<sup>d</sup>, Gino V. Baron<sup>a</sup>, Gert Desmet<sup>a</sup> and Wim De Malsche<sup>\*a</sup>

<sup>a</sup> Department of Chemical Engineering, Vrije Universiteit Brussel, Pleinlaan 2, 1050 Brussels, Belgium

<sup>b</sup> Department of Applied Physics and Photonics, Brussels Photonics (B-PHOT), Vrije Universiteit Brussel, Pleinlaan 2, 1050 Brussels, Belgium

<sup>c</sup> Division of Metabolomics, Medical Institute of Bioregulation, Kyushu University, 3-1-1 Maidashi, Higashi-ku, Fukuoka 812-8582, Japan

<sup>d</sup> Department of Materials and Chemistry, Vrije Universiteit Brussel, Pleinlaan 2, 1050 Brussels, Belgium

(\*) corresponding author

Pleinlaan 2, 1050 Brussels, Belgium

Tel.: +32 (0) 2 629 3781, Fax.; +32 (0) 2 629 3248, E-mail: Wim.De.Malsche@vub.be



Fig. S1. Scanning electron micrograph of a connecting capillary after sol-gel processing. Magnification: 2000-fold.