

**Preparation of POSS-Hybridized Molecularly Imprinted Monolith
for Analysis of Baicalin and its Analogues in the Microwave-Assisted
Extract from *Scutellaria Baicalensis* by means of on-line SPME-
HPLC and off-line LC-MS/MS**

Xiaodong Bi ^{1,3,4} **, Wei Tian ^{2,3,4} #, Xiang Wang ^{2,3,4}, Wenli Cao ^{2,3,4}, Le Gao ^{2,3,4},
Shuaishuai Fan ^{1,3,4}, Yingchun Wang ^{1,3,4}, Meng Wang ^{1,3,4} and Liying Niu ^{1,3,4} **

1. School of Materia Medica, Hebei University of Chinese Medicine, No.3 Xingyuan Lu, 050200, Shijiazhuang, Hebei, China
2. Department of Experiment Center, Hebei University of Chinese Medicine, No.3 Xingyuan Lu, 050200, Shijiazhuang, Hebei, China
3. Hebei Traditional Chinese Medicine Formula Granule Technology Innovation Center, No.326 Xinshi Nan Lu, 050091, Shijiazhuang, China
4. Traditional Chinese Medicine Formula Granule Research Center of Hebei Province University, No.326 Xinshi Nan Lu, 050091, Shijiazhuang, China;

#X.D. Bi and W. Tian contributed equally.

*Corresponding author (submitting author). Email: xiaodongb_pharm@126.com

**Corresponding author. Email: niuliyinggy@163.com

Contents

Figure S1 Chromatograms of MIP and NIP for analysis of baicalin by CLC.

Figure S2 Chromatograms for different eluting flow rate of 0.01mL/min, 0.02mL/min and 0.03mL/min. (marked as 0.01, 0.02, 0.03 in the figure)

Figure S3 Chromatograms for analysis of baicalin by in-tube SPME-HPLC

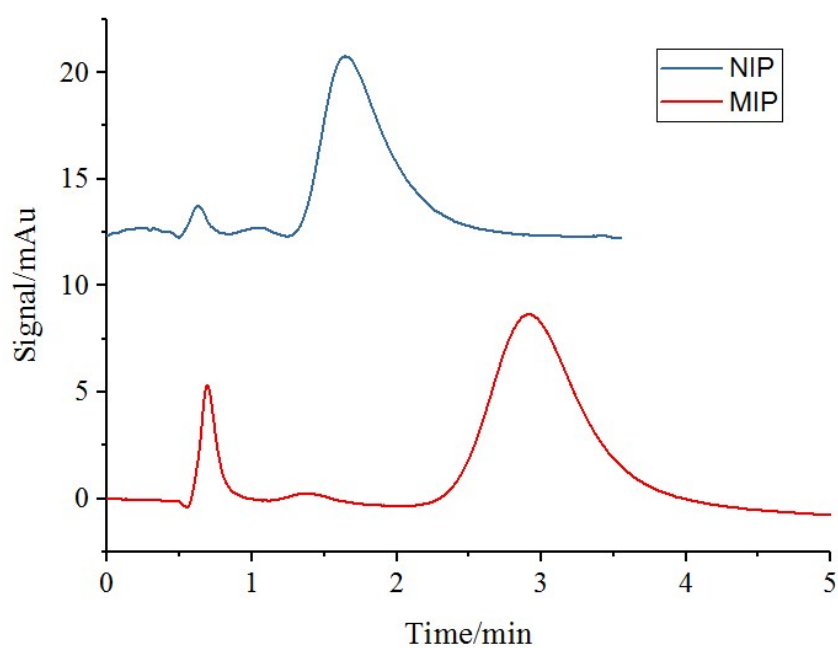


Figure S1

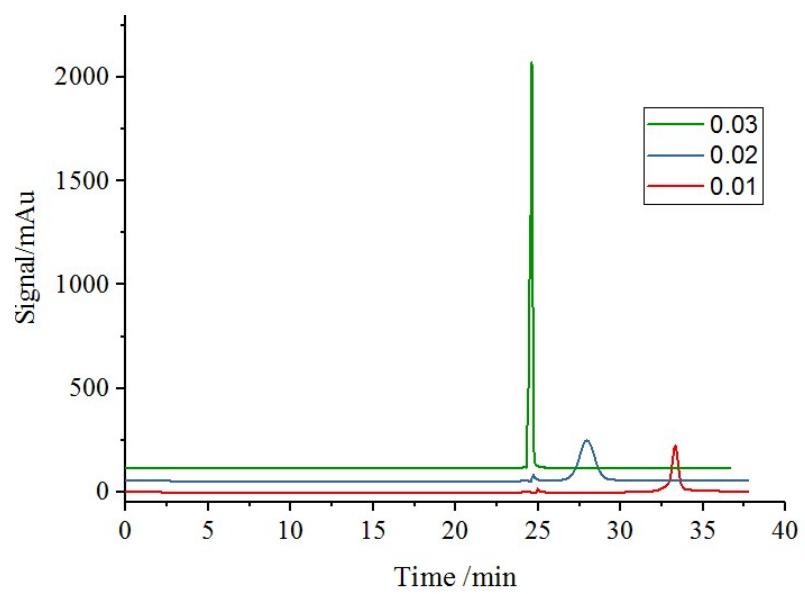


Figure S2

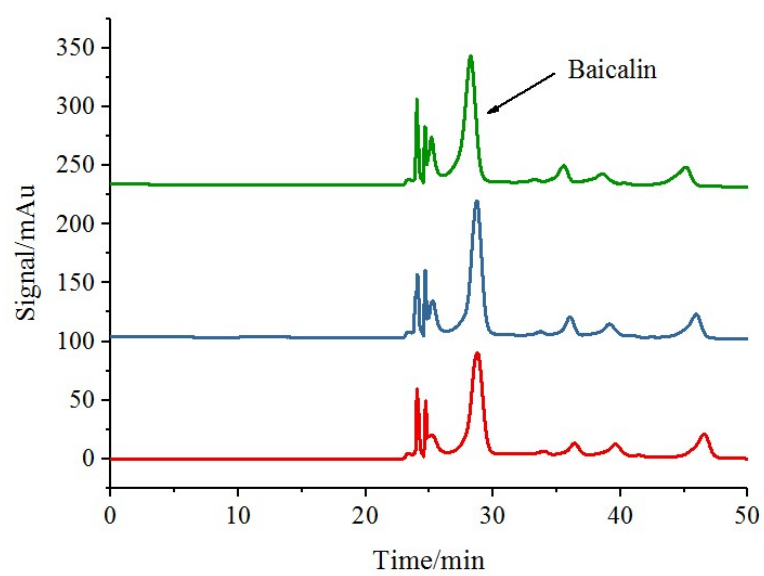


Figure S3