

SUPPLEMENTARY INFORMATION

High performance SERS imprinted sensor doped with different surface morphology silver particles for selective detection of pyrethroids in river

Hongji Li^a, Xiaonan Wang^b, Zirun Wang^b, Jiaqi Jiang^b, Yu Qiao^c, Maobin Wei^d, Yongsheng Yan^a,
Chunxiang Li^{a*}

^aInstitute of Green Chemistry and Chemical Technology, College of Chemistry and Chemical
Engineering, Jiangsu University, Zhenjiang 212013, China

^bCollege of Chemistry, Jilin Normal University, Siping, 136000, China

^cKey Laboratory of Preparation and Applications of Environmental Friendly Materials (Jilin
Normal University), Ministry of Education, Changchun, 130103, China

^dCollege of Physics, Jilin Normal University, Siping, 136000, China

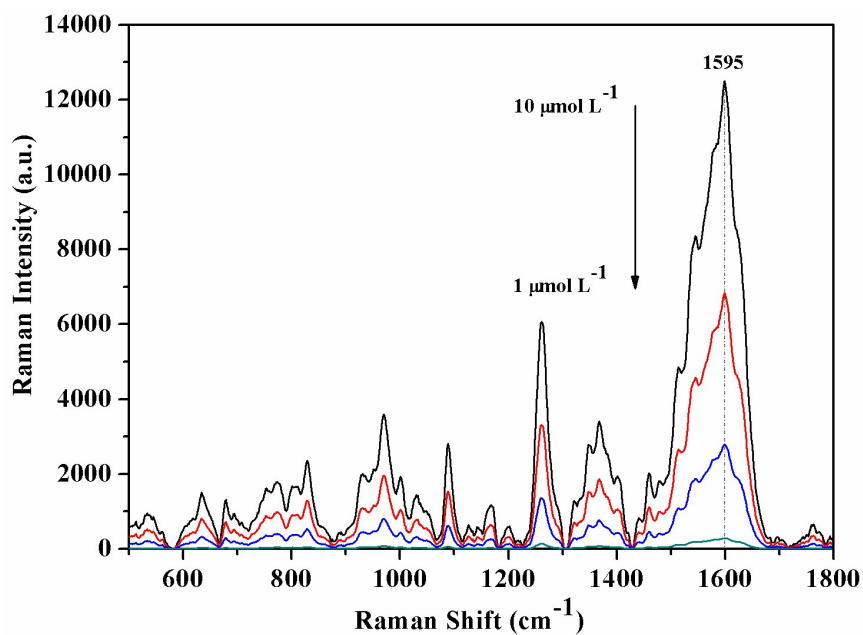


Figure S1. The SERS spectra of different concentrations of LC obtained from Ag particles.

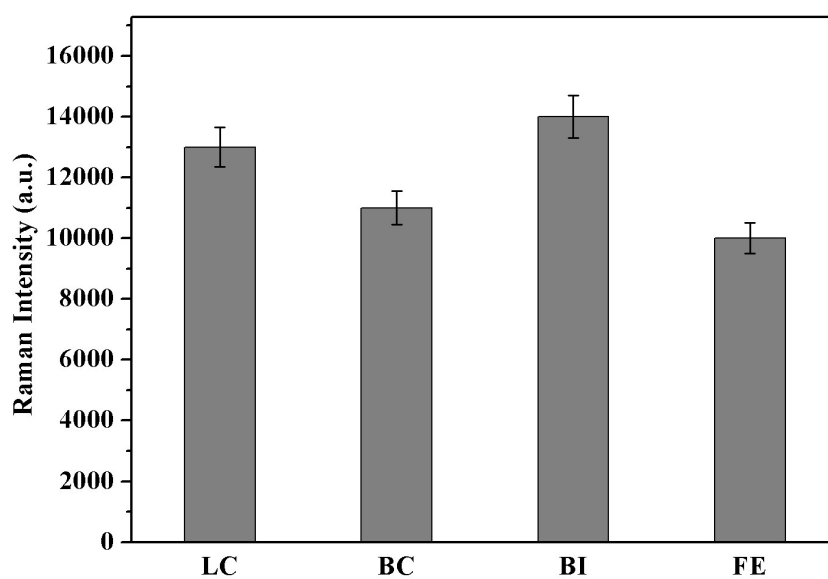


Figure S2. The Raman detection of Ag particles to different pyrethroids under the same concentration of 10 μmol L⁻¹.