

**Figure S1** Schematic of an unsegmented continuous-slow status without connecting the column



**Figure S2** Effect of potential on the the fluorescence signal of reserpine. Experimental condition: λex/λem=385/495 nm



**Figure.S3** Chromatograms of the limit of quantitation.



**Figure.S4** Ultraviolet Spectra of the analyte.



**Figure.S5** Linearity of (A) external standard solution (B) standard spiked serum.



**Figure. S6** Chromatograms of (A) reserpine, (B) reserpine, dopamine and L-dopa, (C) dopamine, (D) L-dopa.