



Figure S1. (A) Theaflavin (TF1) (a) chromatogram at 375 nm, $R_t = 3.82$ min, (b) UV spectrum, (c) mass spectrum in negative mode $[M-H]^-$ m/z 563; (B) Theaflavin-3-gallate (TF2) (a) chromatogram at 375 nm, $R_t = 3.92$ min, (b) UV spectrum, (c) mass spectrum in negative mode $[M-H]^-$ m/z 715; (C) Theaflavin-3,3'-digallate (a) chromatogram at 375 nm, $R_t = 3.96$ min, (b) UV spectrum, (c) mass spectrum in negative mode $[M-H]^-$ m/z 867