



**Supplementary Figure: Chemical fingerprint chromatograms of KXS.**

**(A):** Fingerprint chromatogram of KXS was made by HPLC-DAD at wavelength of 330 nm. The identification of 3, 6'-disinapoyl sucrose (1),  $\alpha$ -asarone (7) and  $\beta$ -asarone (6) were shown in the chromatogram. **(B):** Fingerprint chromatogram of KXS was made by HPLC-MS/MS method at negative scan mode. The identification of ginsenoside Rg<sub>1</sub> (2),

Re (3), Rb<sub>1</sub> (4), Rd (5), and pachymic acid (8) were shown in the chromatogram.

Representative chromatograms are shown, n=3.