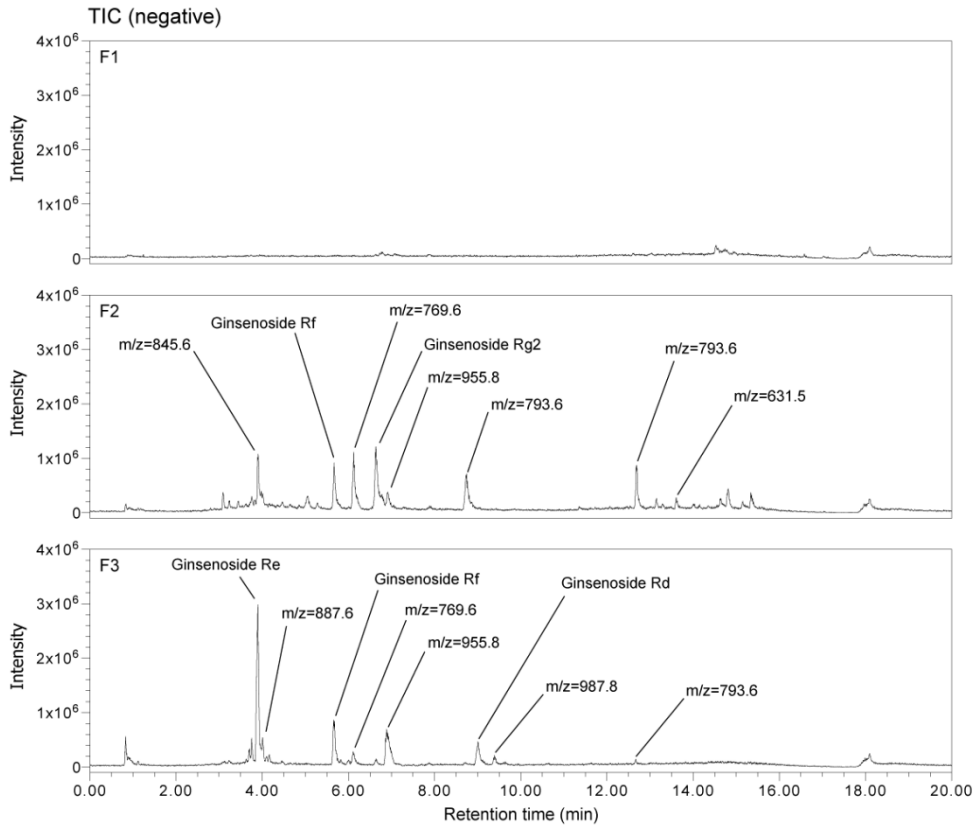
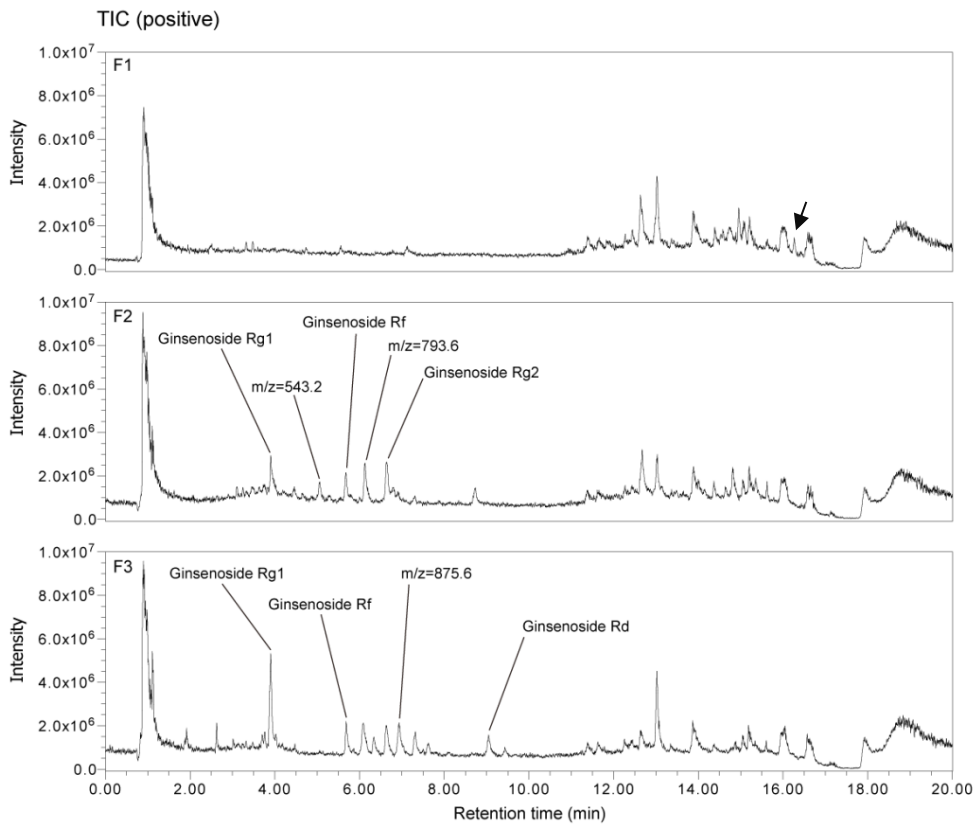
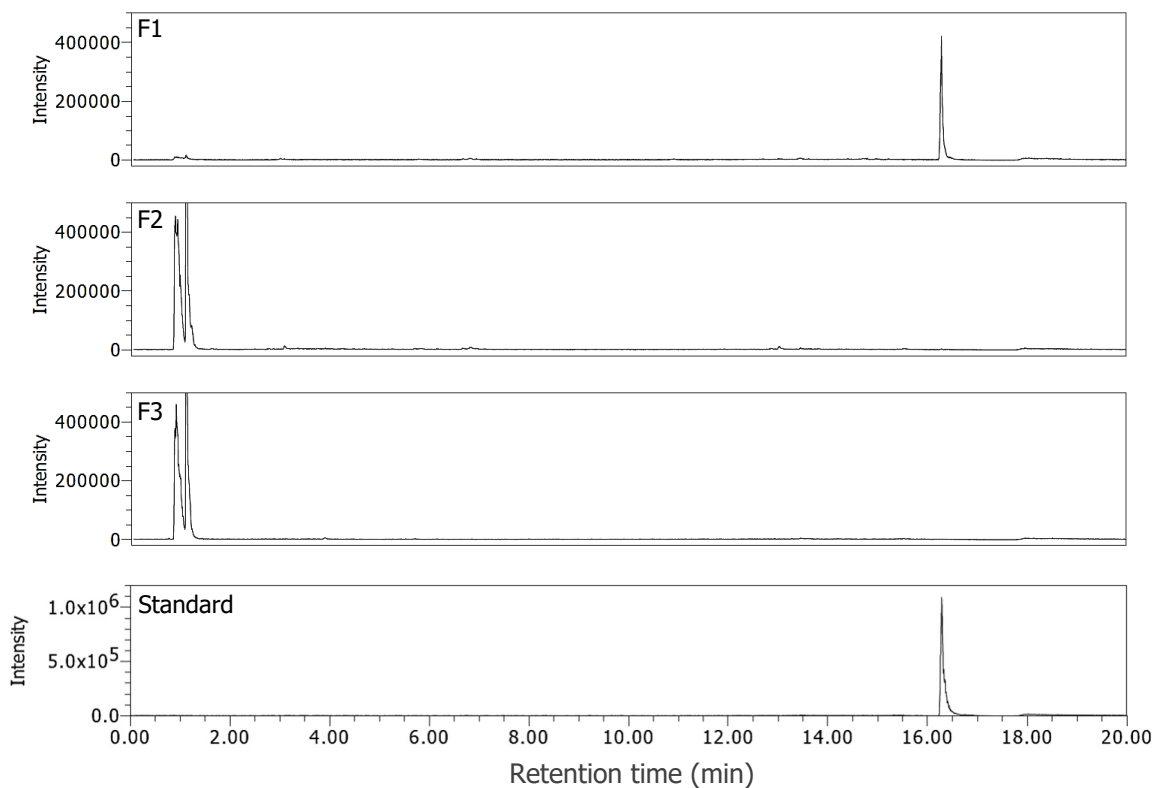


Supplementary Fig. 1 3D UPLC-UV absorption chromatograms of F1-F3 fraction



Supplementary Fig. 2 UPLC-MS total ion chromatograms (TIC) of F1-F3 fractions

Some ginsenosides were identified by the comparison of the authentic standards. Black arrow shows the peak only found in the F1 fraction, corresponding to faltarinol.



Supplementary Fig. 3 Detection of falcarinol in *P. ginseng* F1 fraction

Single-ion recording mass chromatogram of each *P. ginseng* fraction (F1–F3) and authentic standard (50 μ M falcarinol). The molecular mass of falcarinol was m/z 268 $[M+H-H_2O+MeCN]^+$.