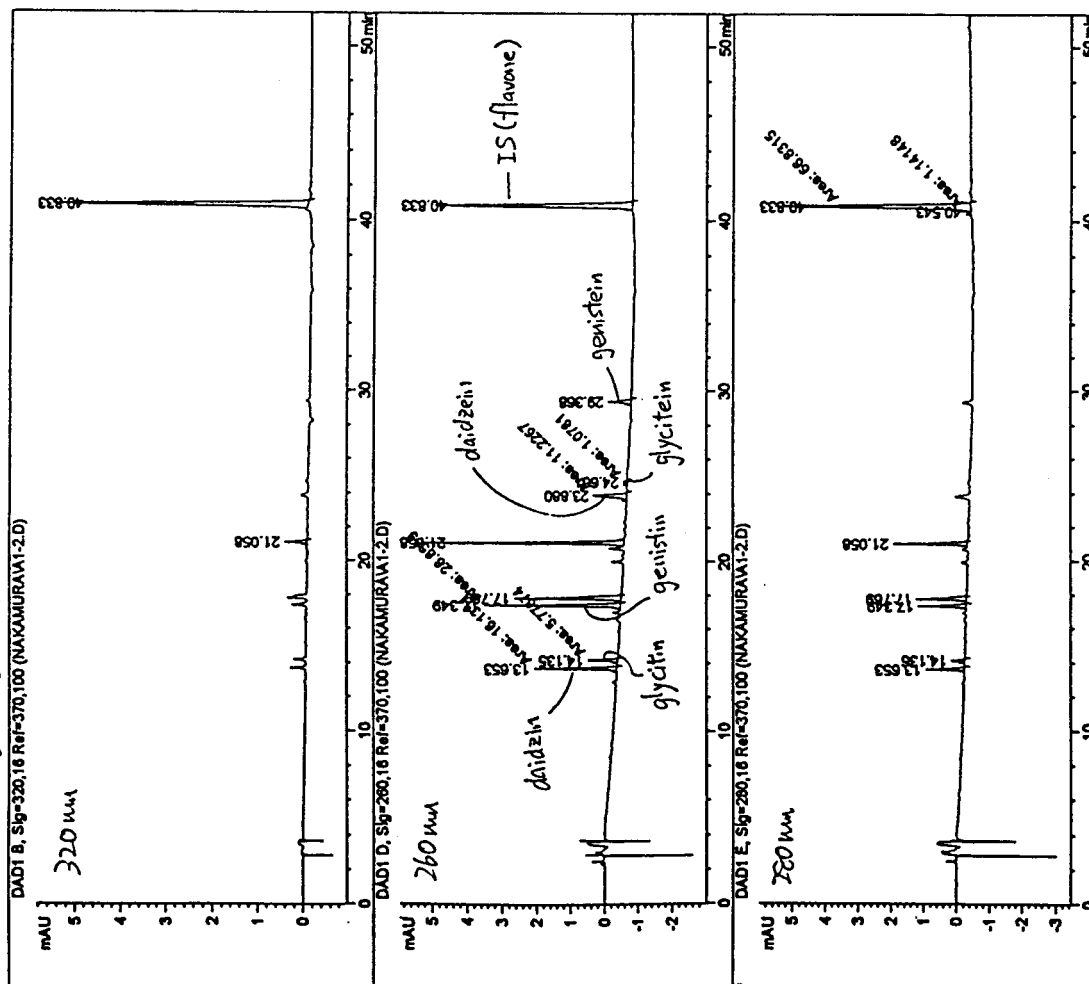


Without hydrolysis (genuine)



With hydrolysis

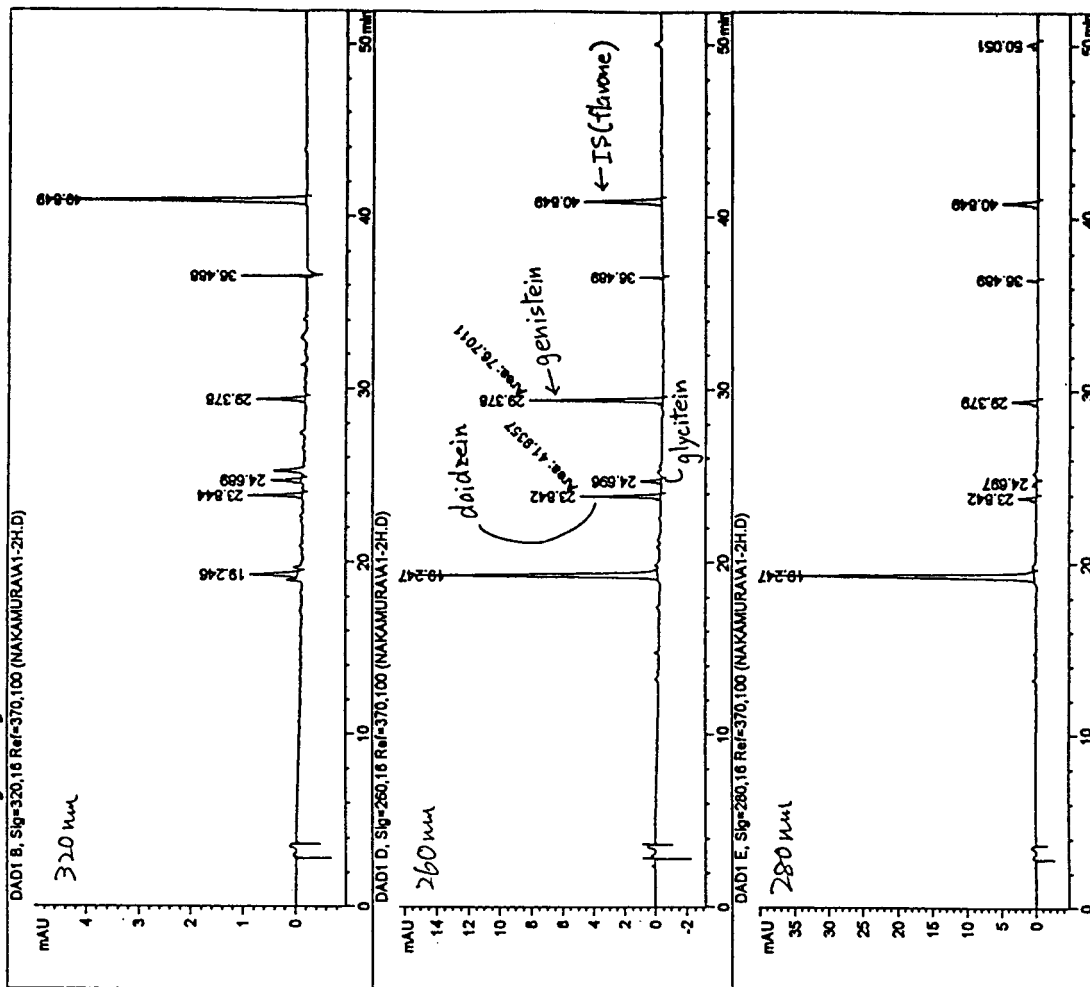
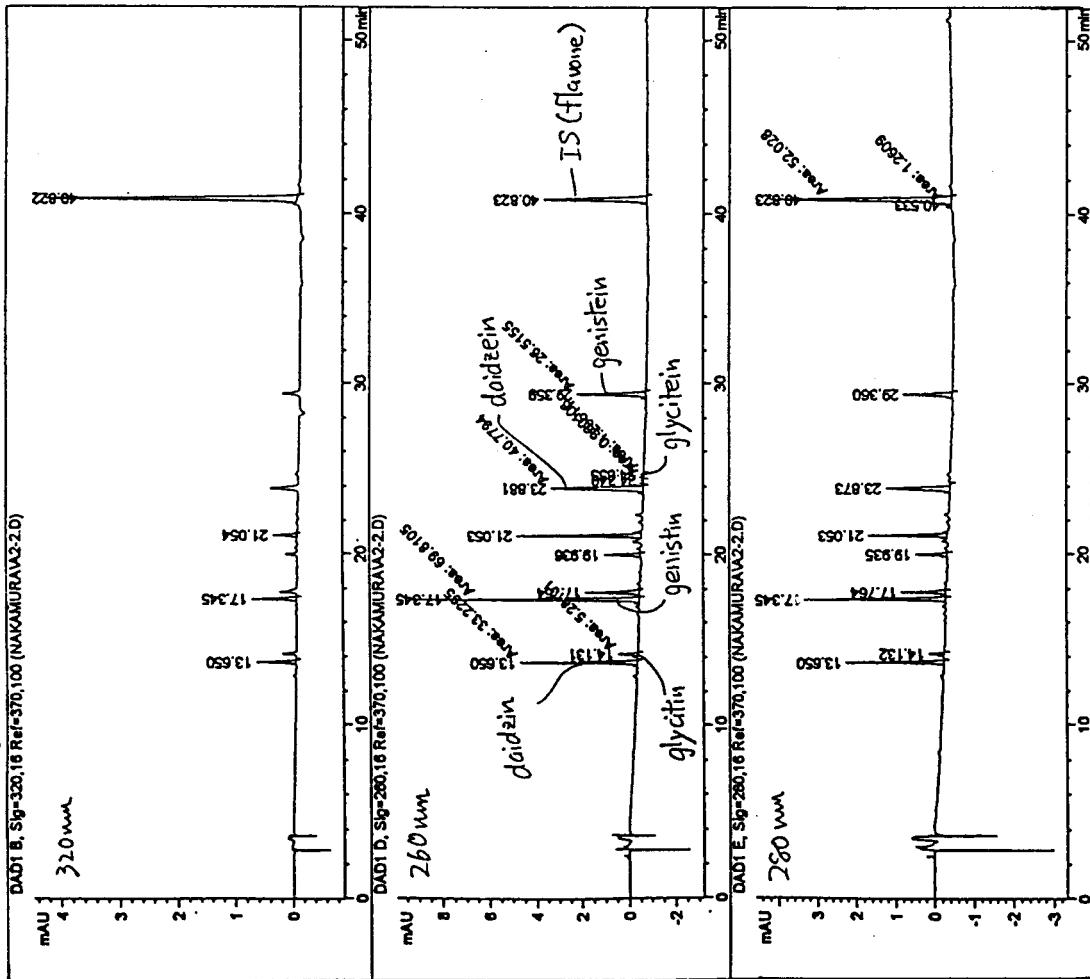


Figure 11 HPLC chromatograms of atsu-age

Without hydrolysis (genuine)



With hydrolysis

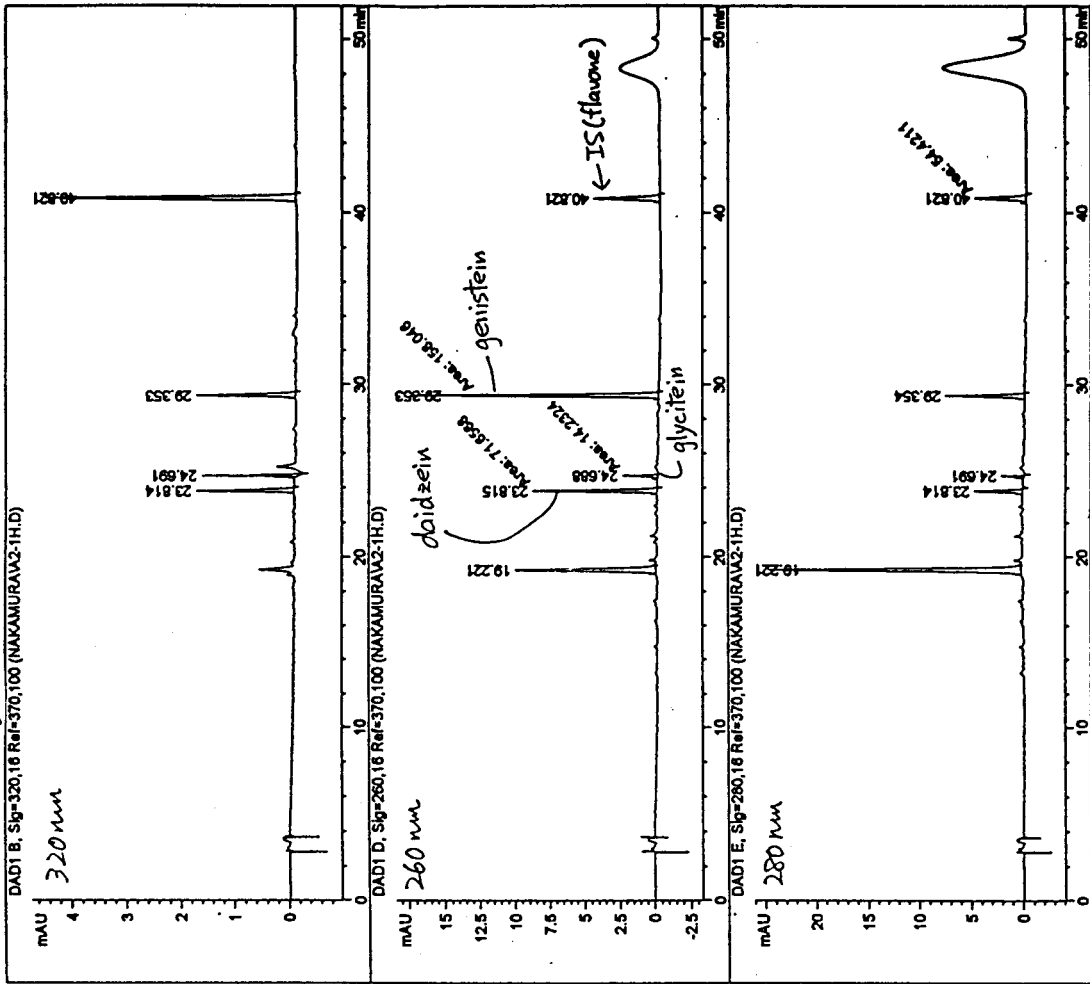
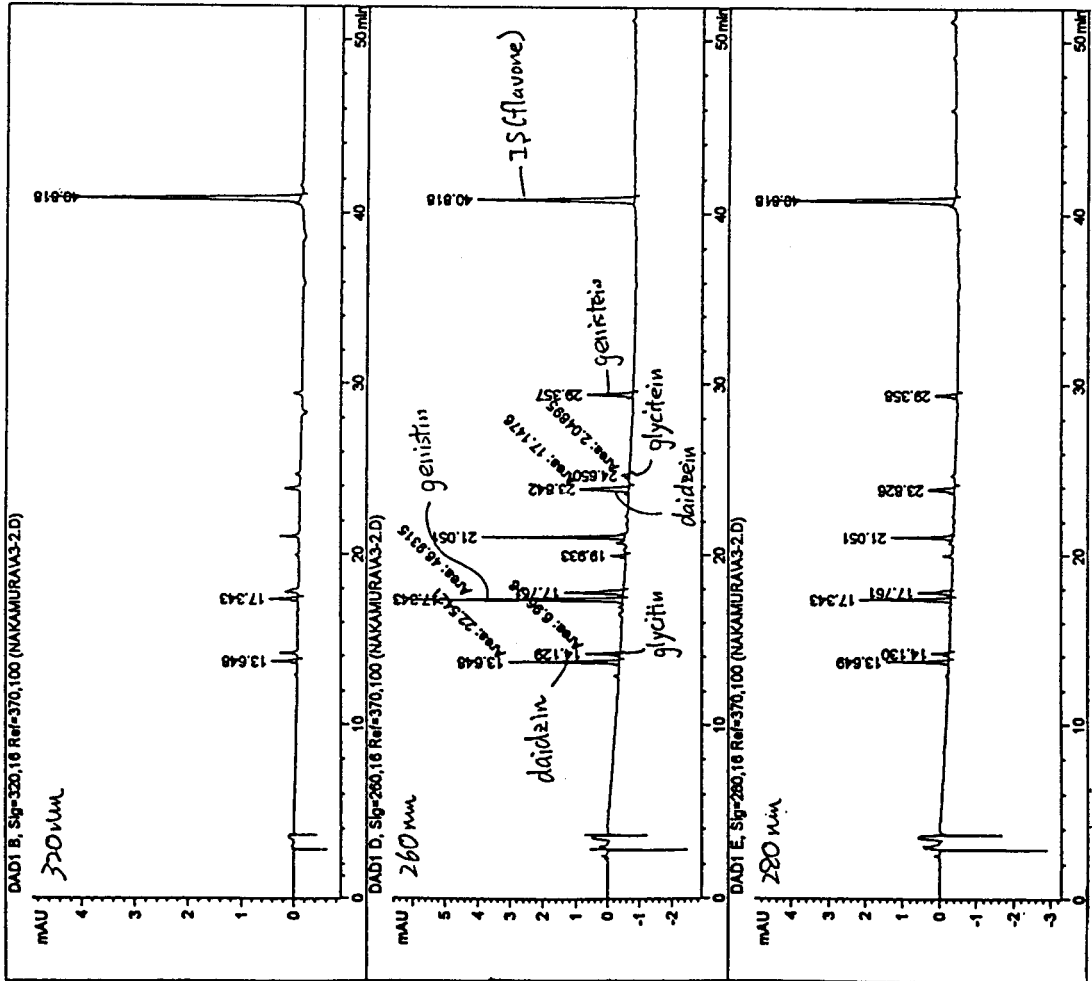


Figure 12 HPLC chromatograms of usu-age

Without hydrolysis (genuine)



With hydrolysis

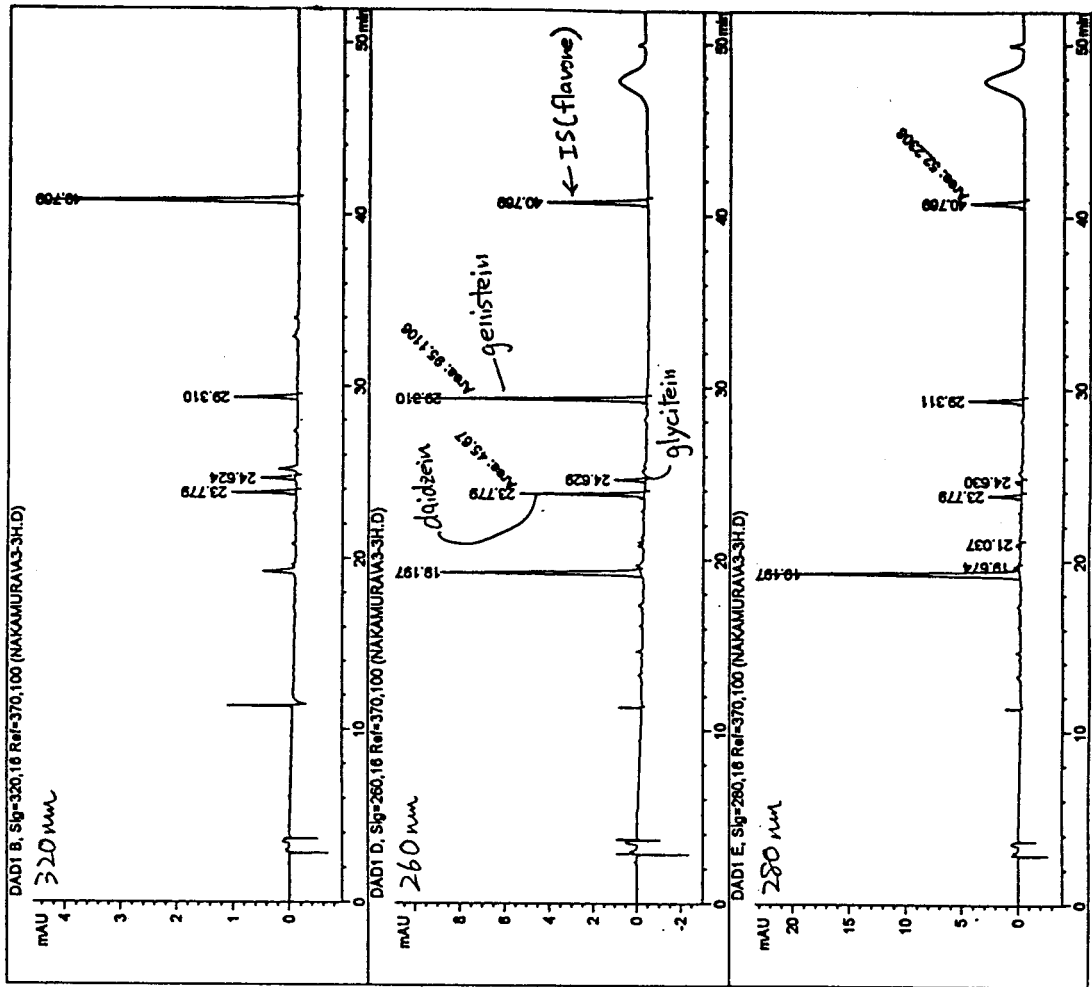
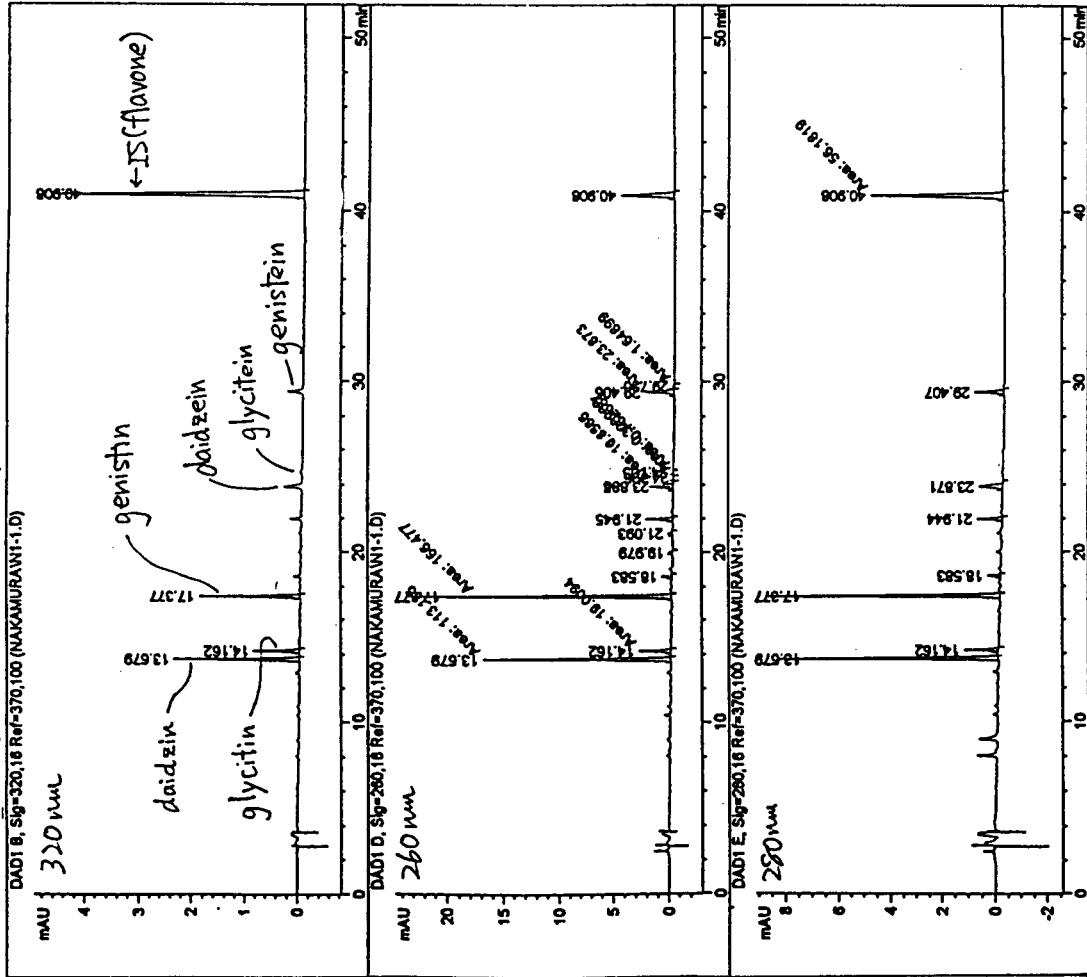


Figure 13 HPLC chromatograms of ganmodoki

Without hydrolysis (genuine)



With hydrolysis

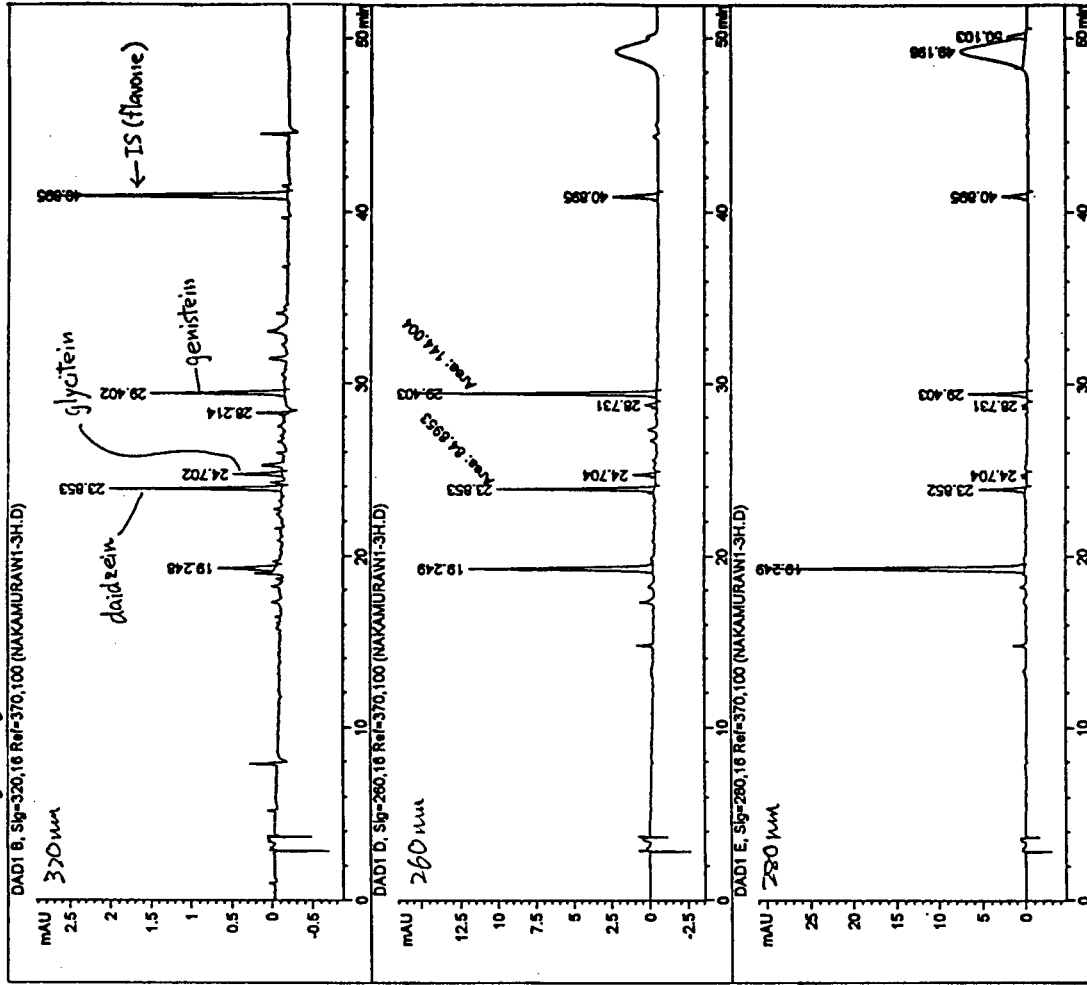
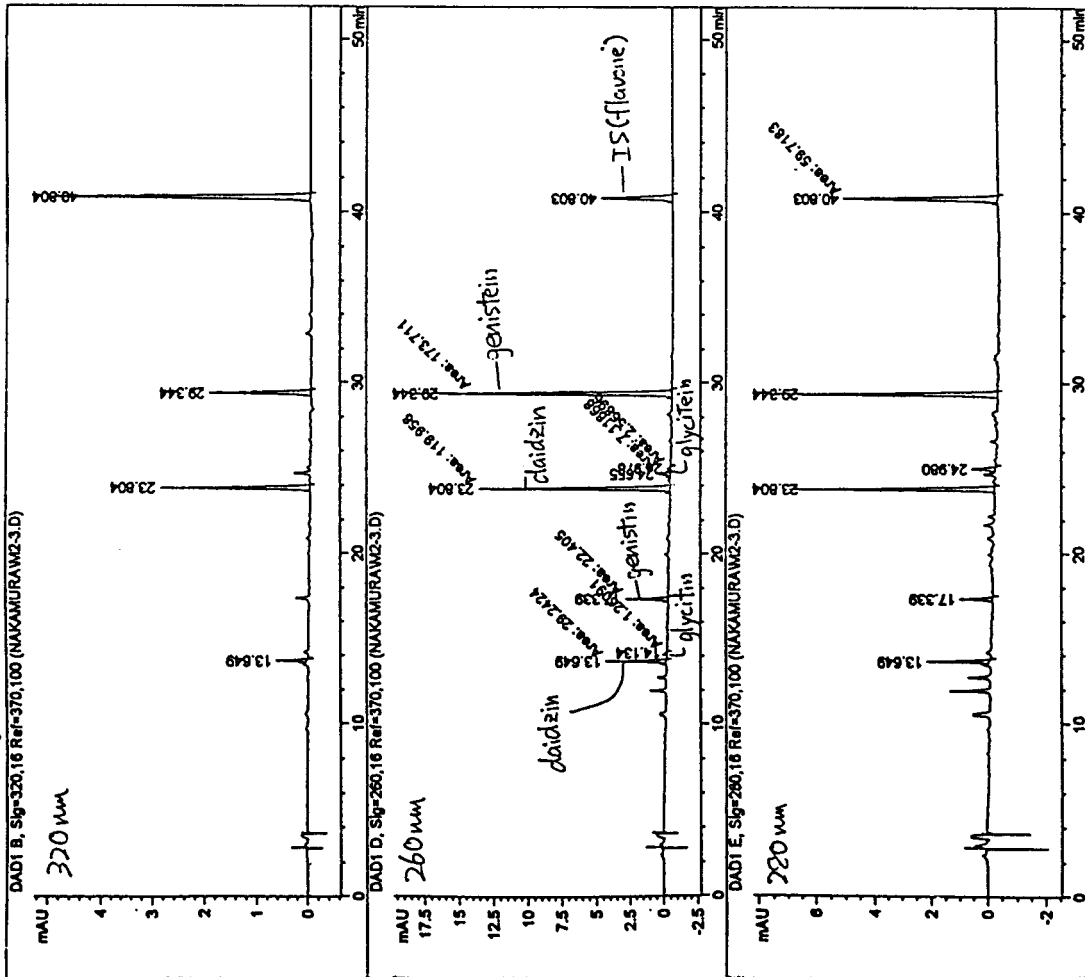


Figure 14 HPLC chromatograms of natto

Without hydrolysis (genuine)



With hydrolysis

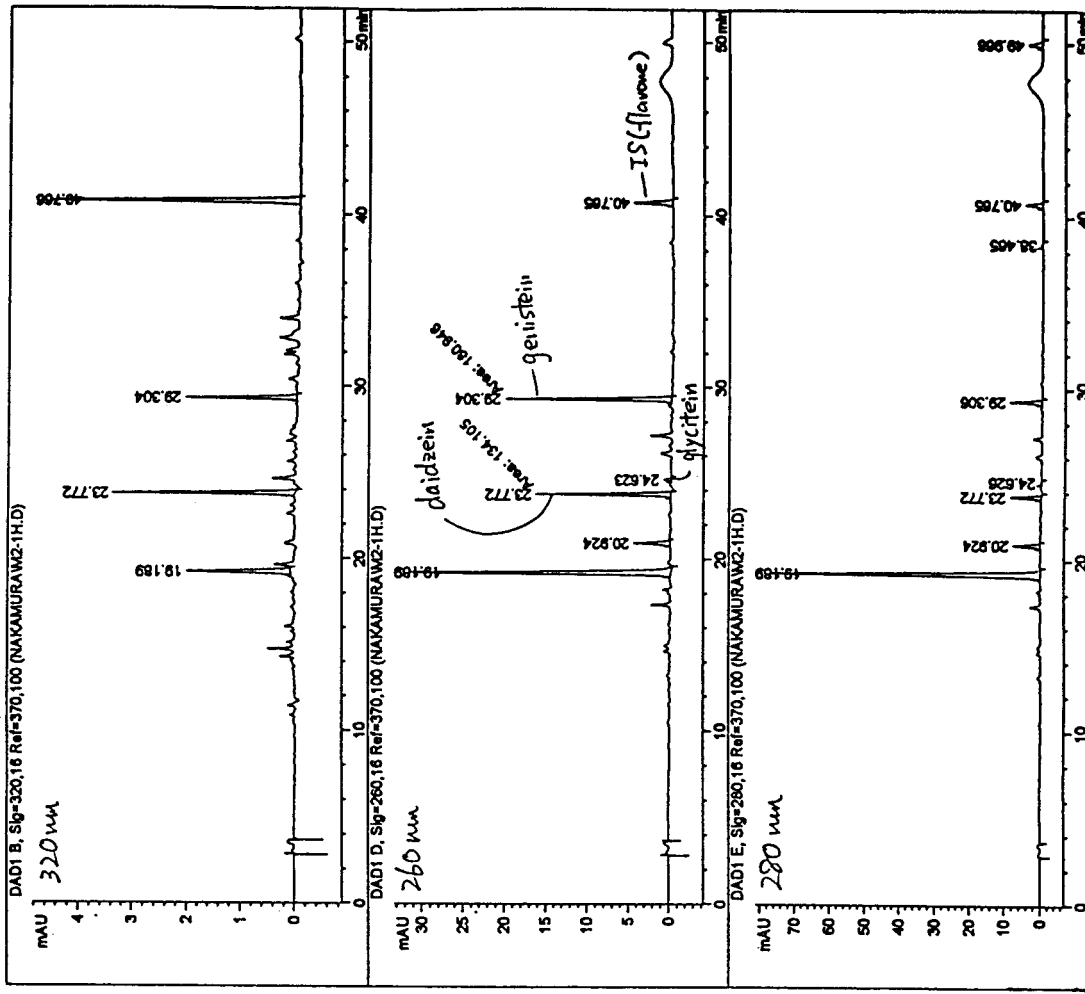
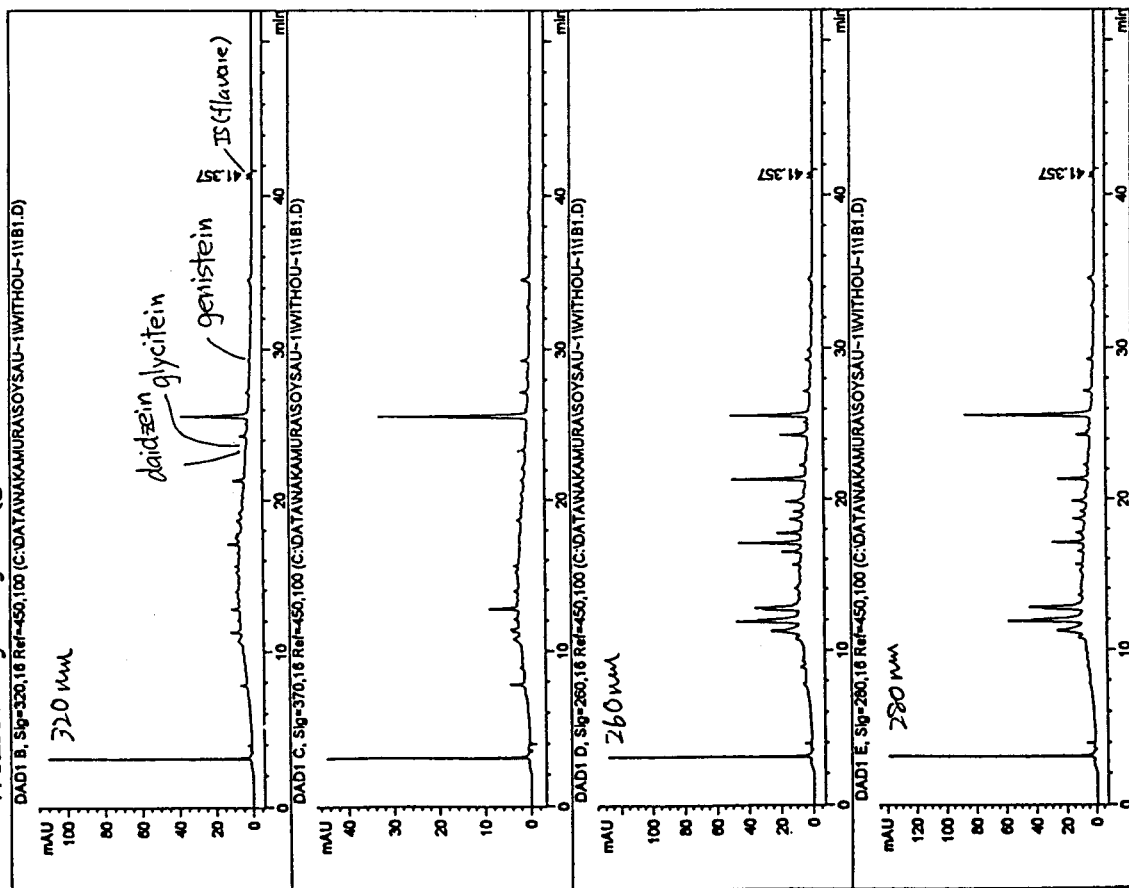


Figure 15 HPLC chromatograms of miso

Without hydrolysis (genuine)



With hydrolysis

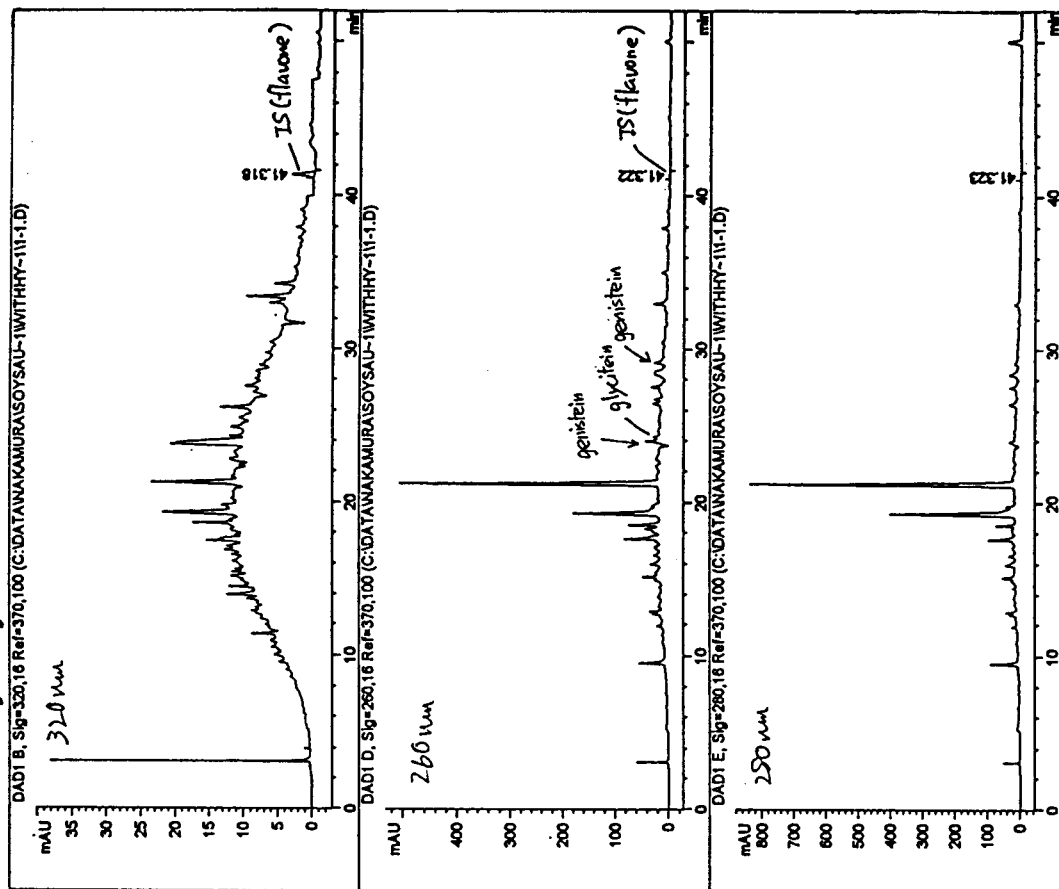
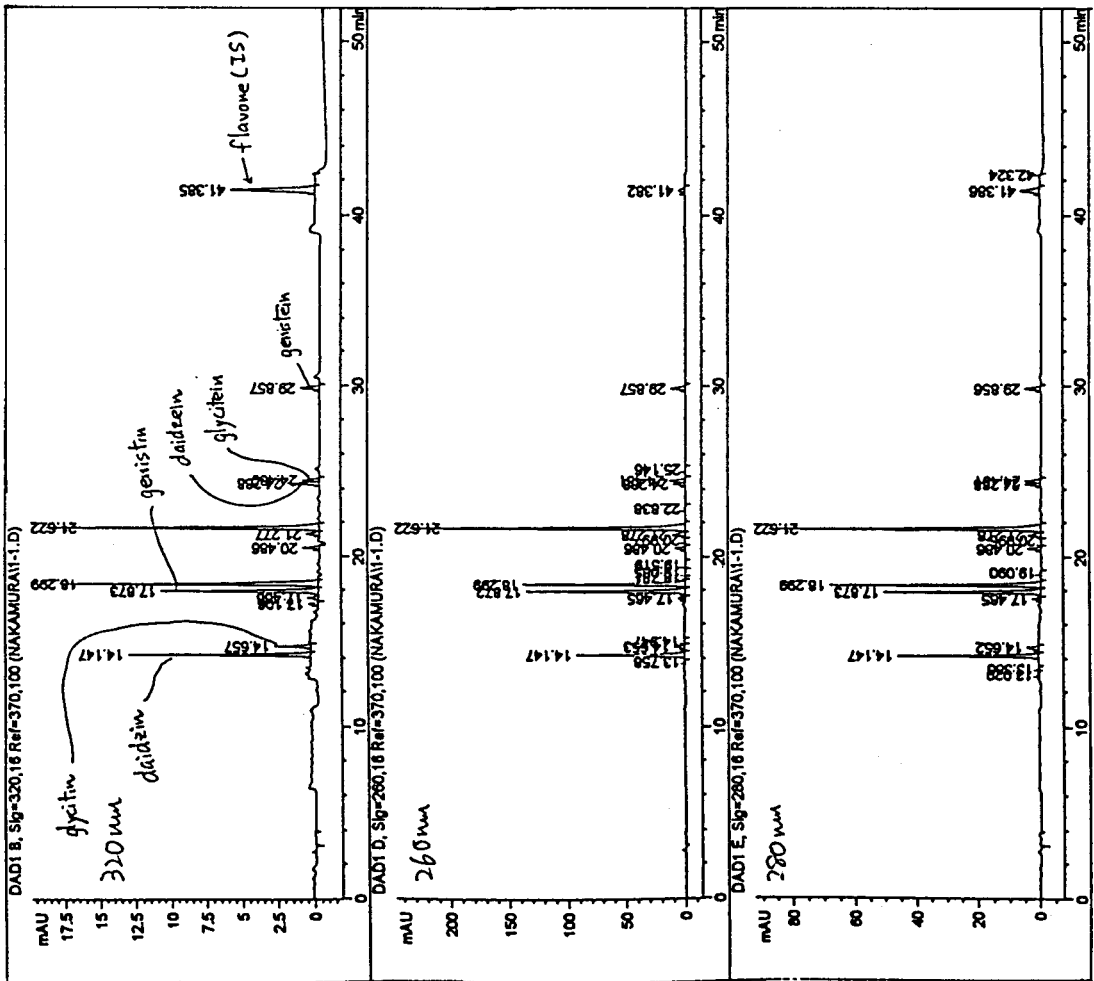


Figure 16 HPLC chromatograms of soy sauce

Without hydrolysis (genuine)



With hydrolysis

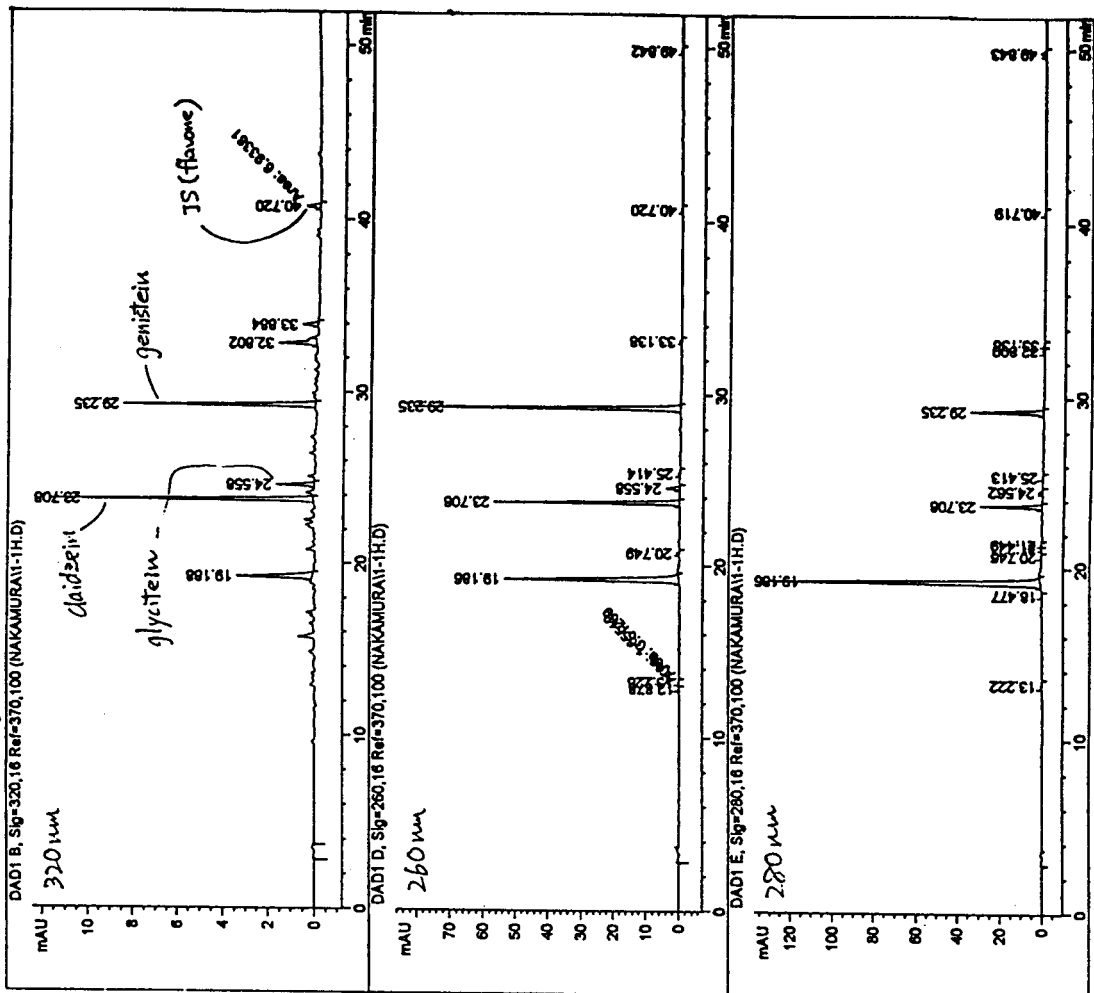
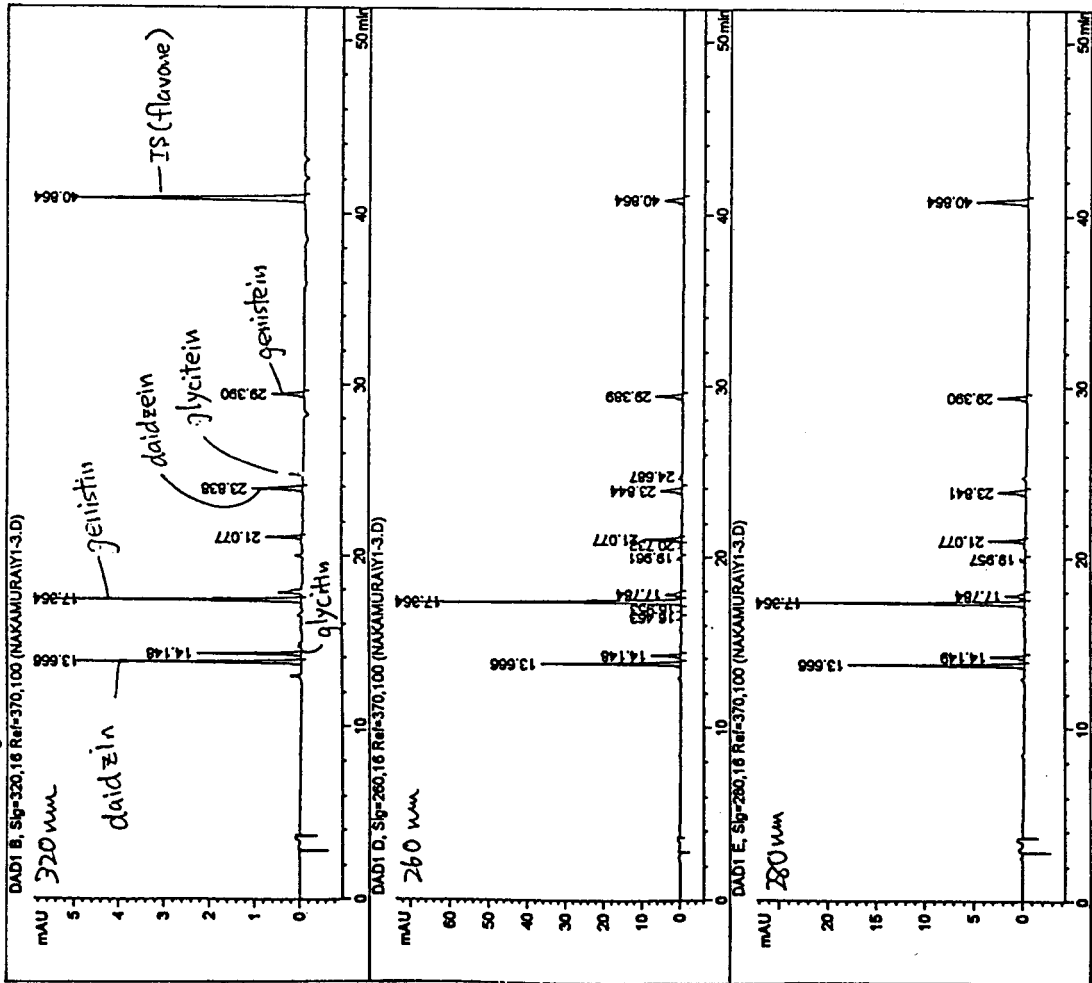


Figure 17 HPLC chromatograms of soy milk

Without hydrolysis (genuine)



With hydrolysis

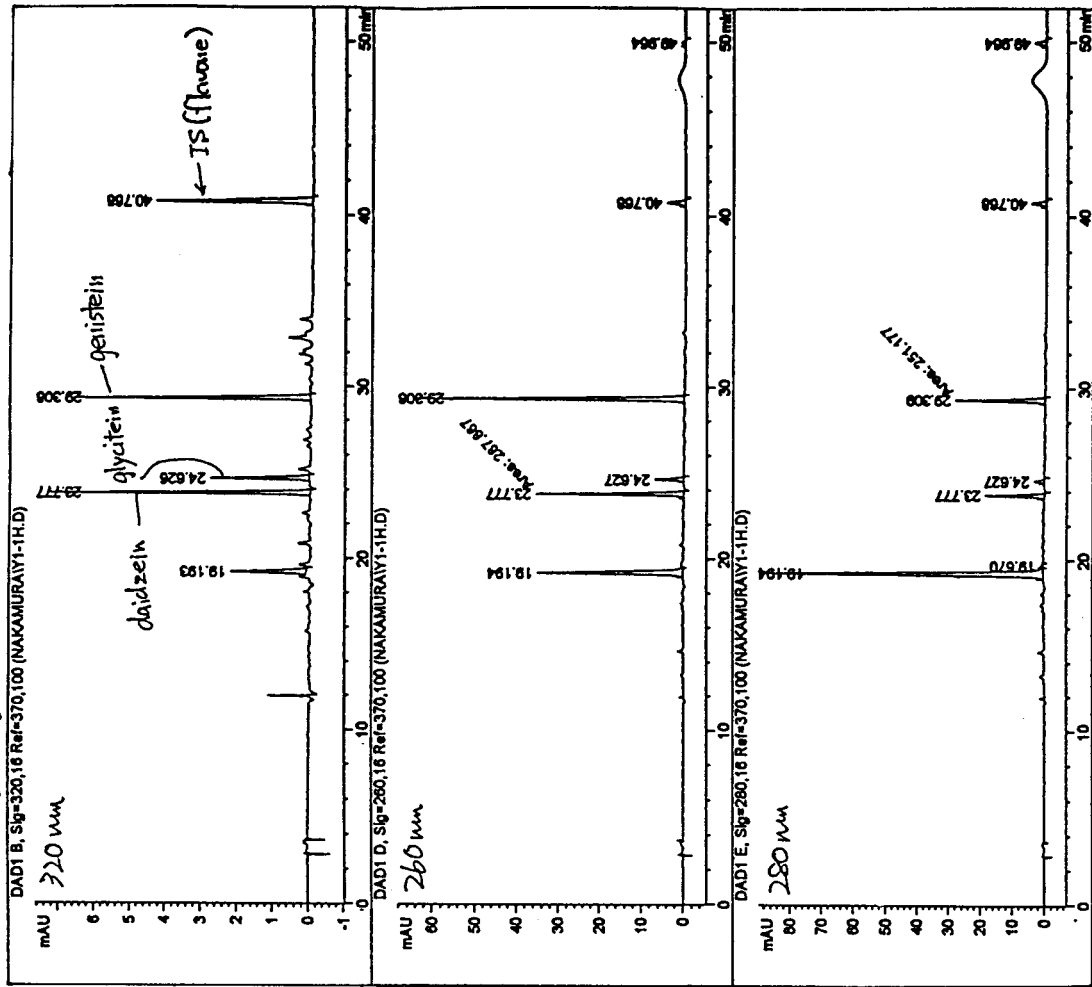
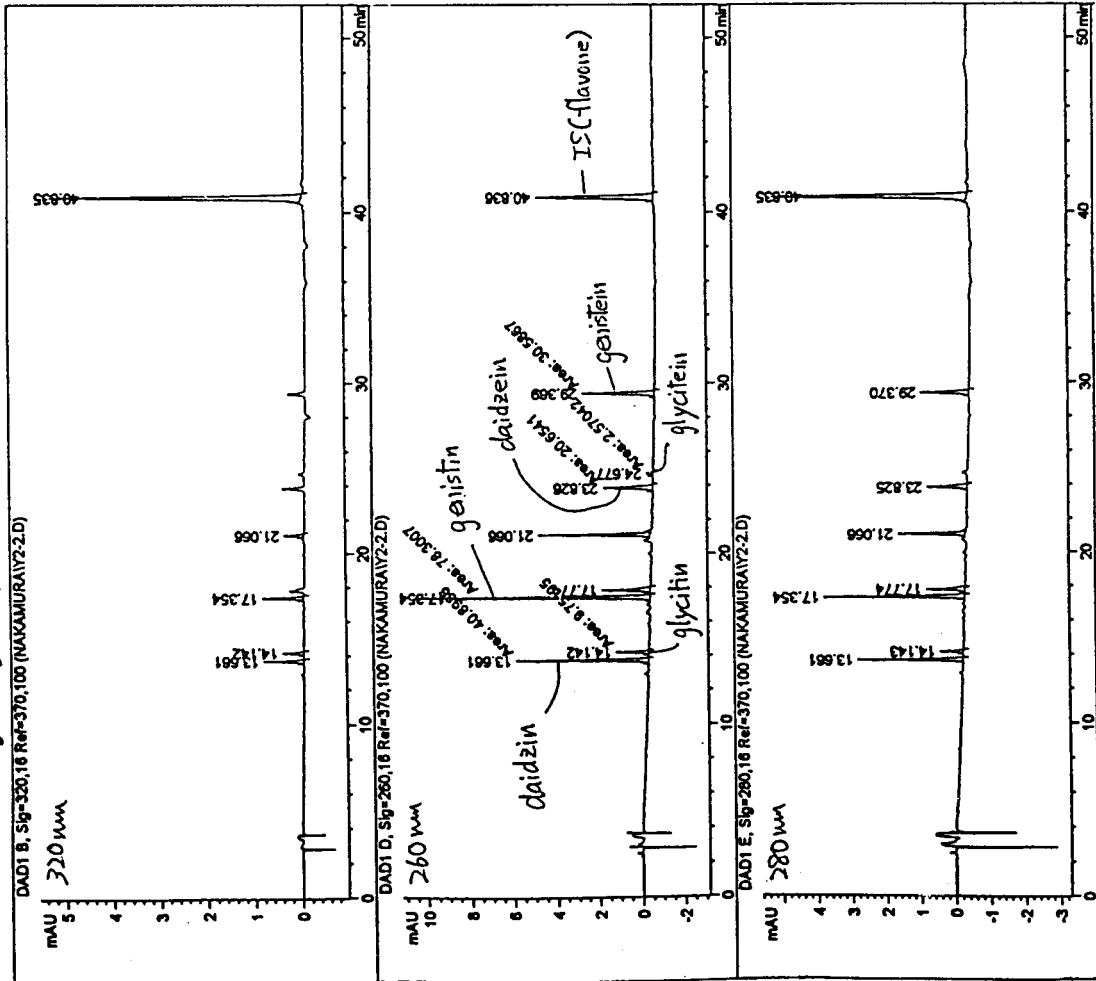


Figure 18 HPLC chromatograms of dried yuba

Without hydrolysis (genuine)



With hydrolysis

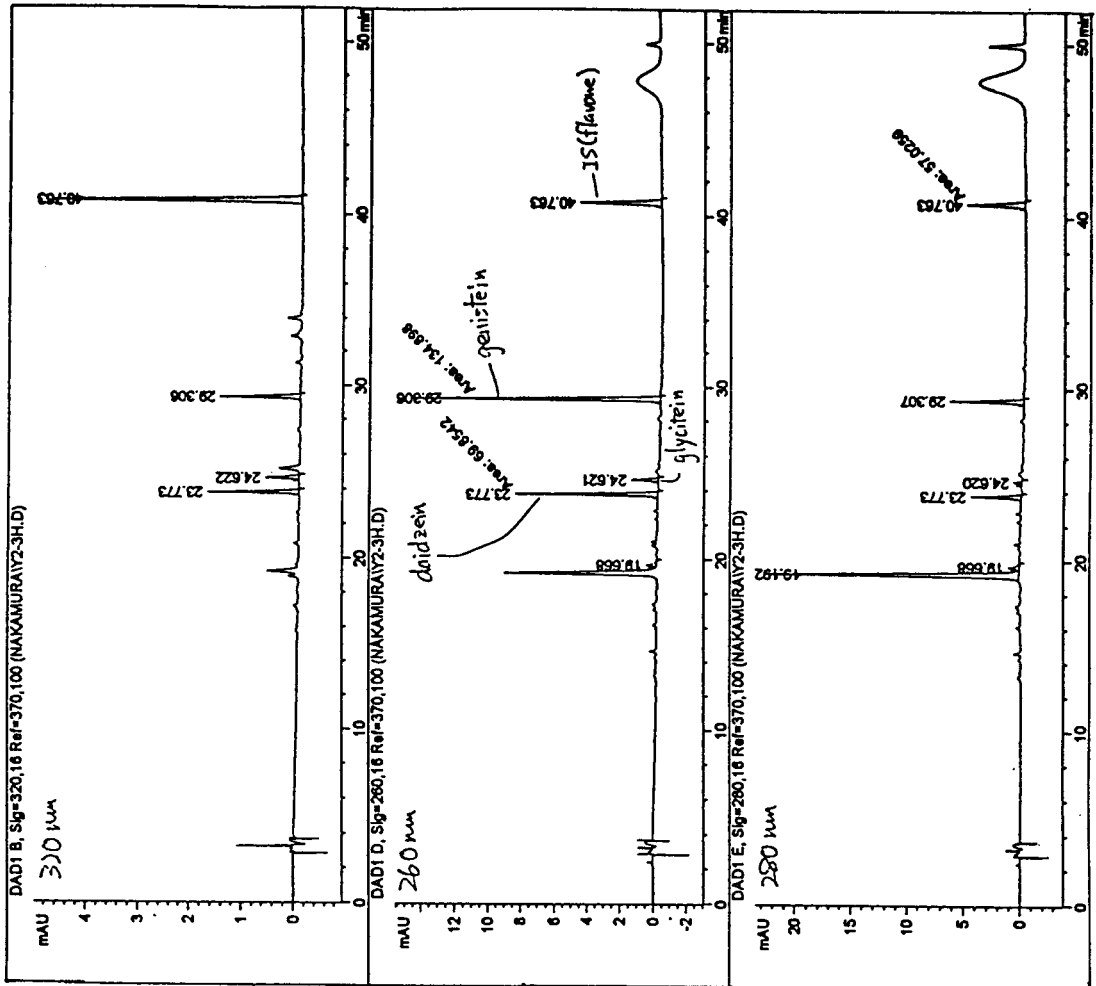


Figure 19 HPLC chromatograms of raw yuba

Table 1 Variation of several flavonoids by HPLC

Flavonoids	Concentration [nmol/mL]	Retention time [min]	Peak area [mAU*s]
Daidzin	21.73	13.80±0.06	353.93±3.24
Glycitin	29.55	14.29±0.06	346.91±11.43
Genistin	26.18	17.48±0.06	493.61±7.35
Daidzein	39.88	23.83±0.08	516.80±4.99
Glycitein	19.24	24.65±0.08	219.46±2.16
Genistein	40.70	29.34±0.09	757.06±13.36
Equol	28.32	29.63±0.09	72.91±0.99
Fomnonetin	38.54	33.86±0.09	502.35±2.60
Biochanin A	38.17	40.60±0.11	669.05±5.33
Flavone	47.16	40.83±0.09	394.93±6.08

Data are expressed as mean±SD (n=10).

Conditions of HPLC are as follows.

Apparatus, HP 1100 series; column, STR ODSII (4.6 mmID×250 mm); column oven temperature, 35°C; Mobile phase, (solvent A) water: phosphoric acid 100:1 (v/v), (solvent B) water: acetonitrile: phosphoric acid 200:800:1 (v/v/v), (linear gradient program) B%: 10 (0 min) → 80 (50-52 min) → 10 (53 min); flow rate, 1.0 mL/min; detector, DAD; monitoring wavelength, 260 nm for daidzein, daidzin, genistein, genistin, glycitein, glycitin, biochanin A, fomnonetin, 280 nm for equol and flavone.