



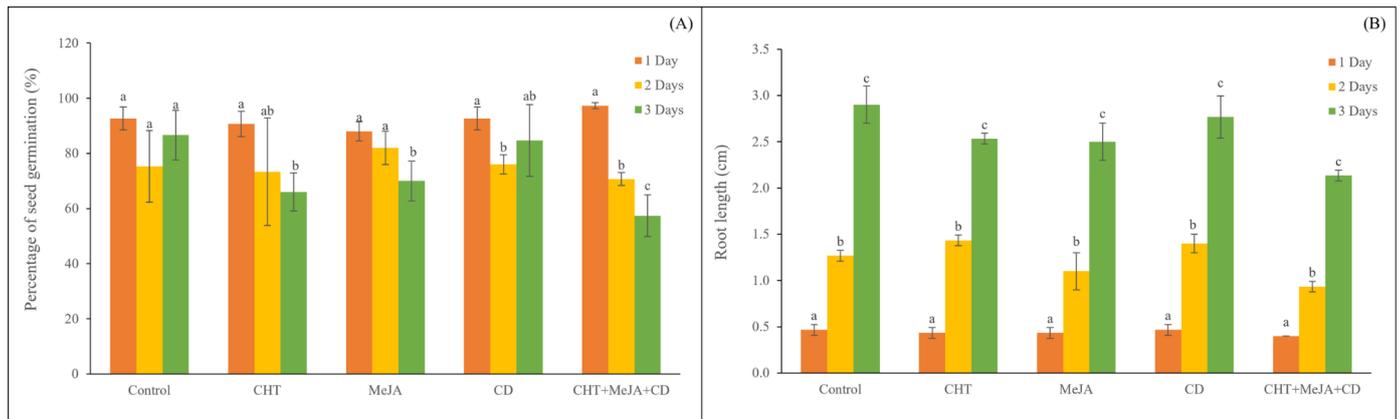
Supplementary

## Improvement of stilbene constituents and nutritional quality of peanut sprouts using abiotic elicitation and germination

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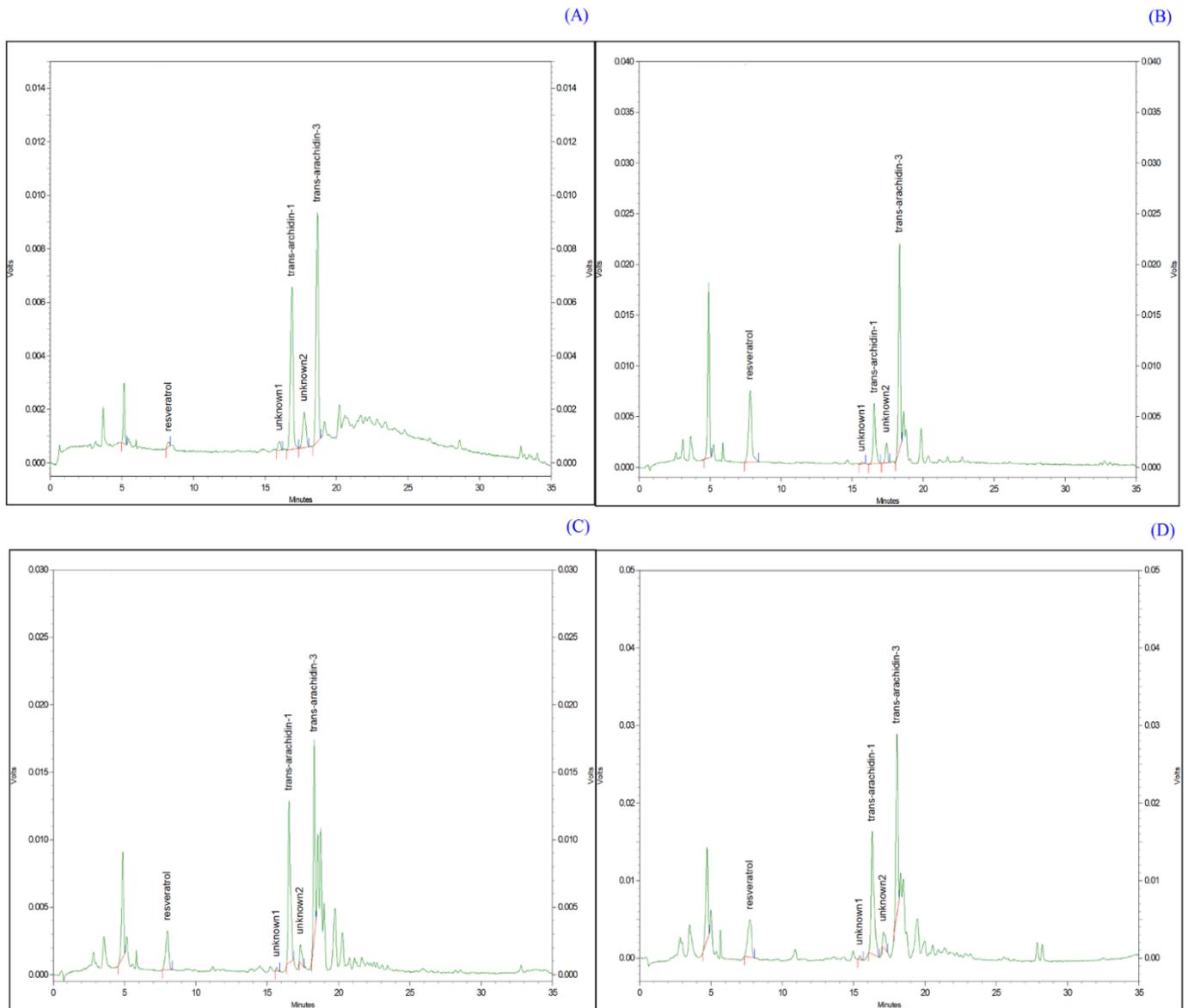
### Supplementary Figure



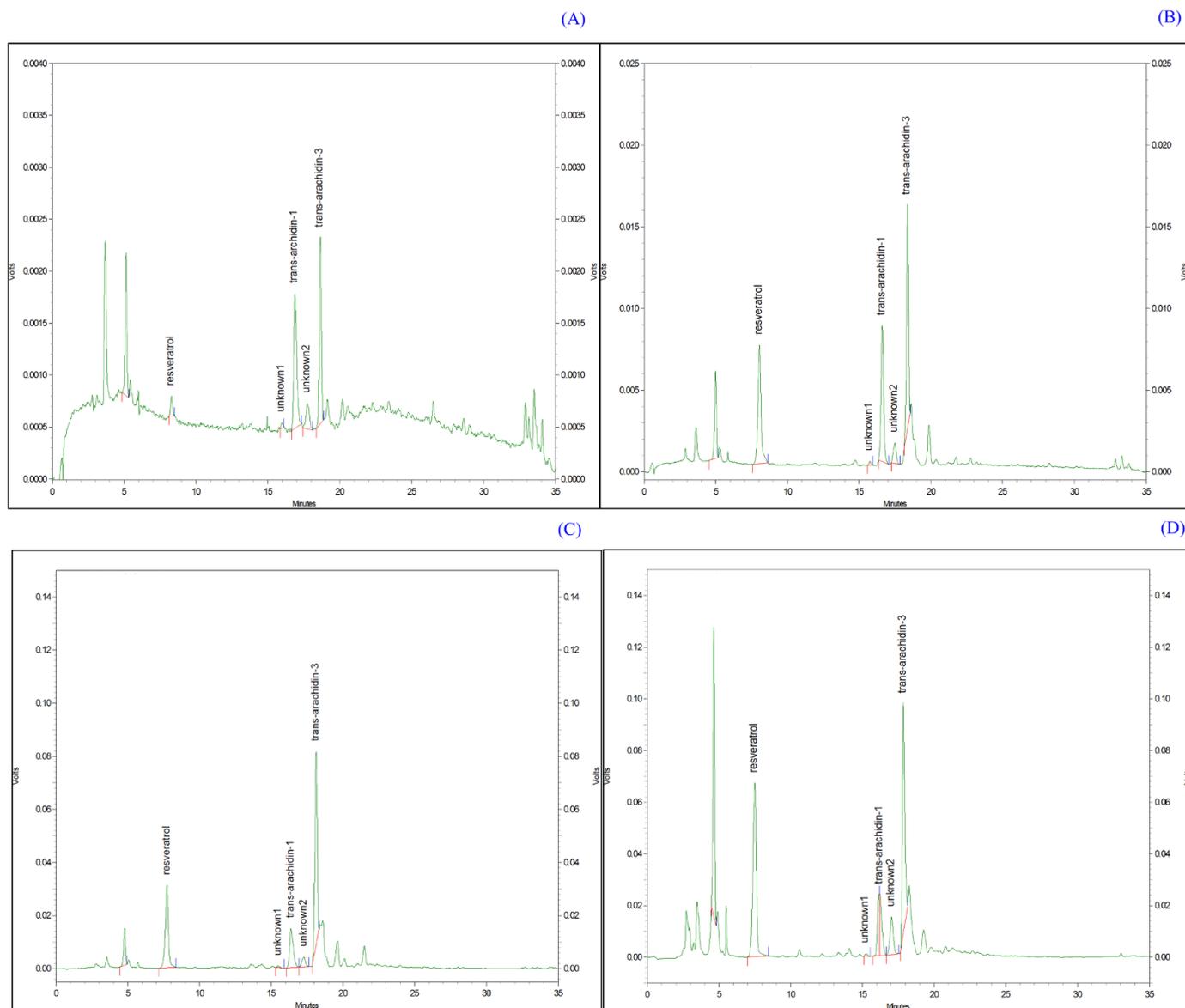
**Fig. S1** Peanut treated with chitosan (CHT), methyl jasmonate (MeJA), methyl- $\beta$ -cyclodextrin (CD) or a combination of CHT+MeJA+CD compared to control group for 1 d, 2 d or 3 d germination: (A) percentage of seed germination; (B) growth evaluation based on root length measurement, where data represented as mean  $\pm$  SD ( $n = 3$ ) and error bars with different lowercase letters are significantly ( $p < 0.05$ ) different between germination days within same treatment group

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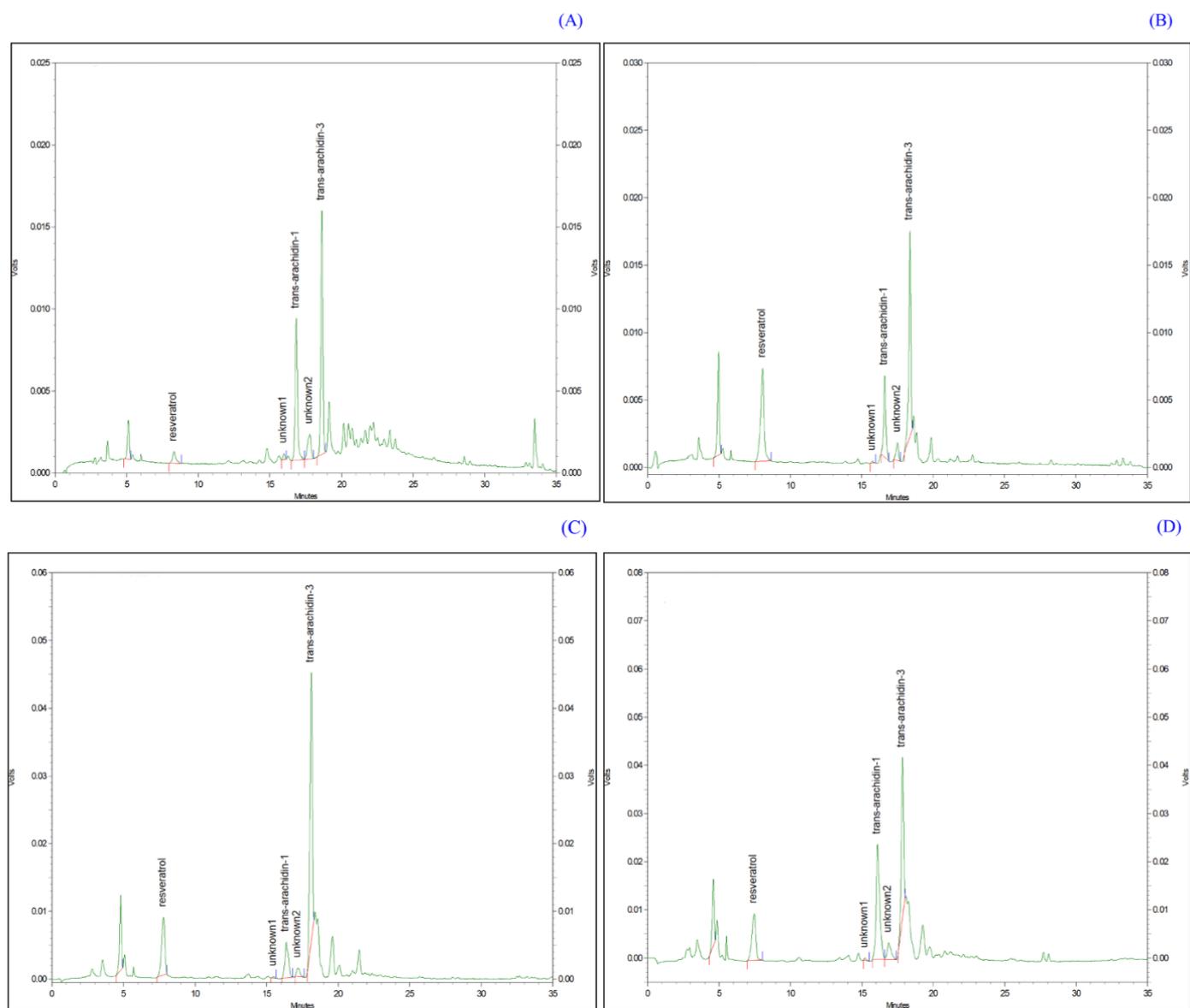
E-mail address: [apinunl@nu.ac.th](mailto:apinunl@nu.ac.th) (A. Limmongkon)



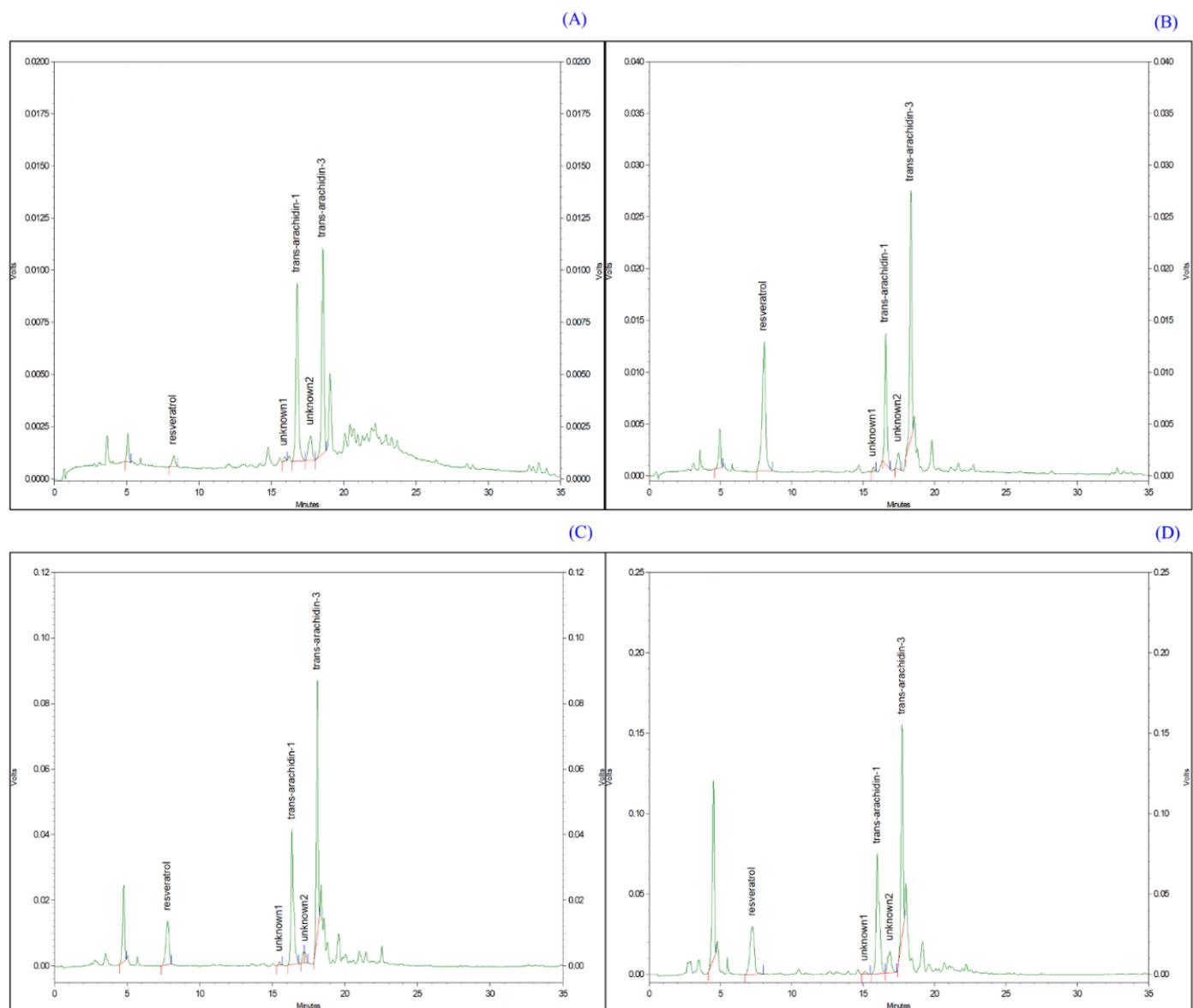
**Fig. S2** High-performance liquid chromatograms of untreated (control) K2-K599 peanut crude extracts for 0–3 d germination following treatment: (A) control at day 0; (B) control at day 1 of germination; (C) control at day 2 of germination; (D) control at day 3 of germination



**Fig. S3** High-performance liquid chromatograms of chitosan (CHT)-treated K2-K599 peanut crude extracts for 0–3 d germination following treatment: (A) CHT at day 0; (B) CHT at day 1 of germination; (C) CHT at day 2 of germination; (D) CHT at day 3 of germination



**Fig. S4** High-performance liquid chromatograms of methyl jasmonate (MeJA)-treated K2-K599 peanut crude extracts for 0–3 d germination following treatment: (A) MeJA at day 0; (B) MeJA at day 1 of germination; (C) MeJA at day 2 of germination; (D) MeJA at day 3 of germination



**Fig. S5** High-performance liquid chromatograms of methyl- $\beta$ -cyclodextrin (CD)-treated K2-K599 peanut crude extracts for 0–3 d germination following treatment: (A) CD at day 0; (B) CHT at day 1 of germination; (C) CD at day 2 of germination; (D) CD at day 3 of germination