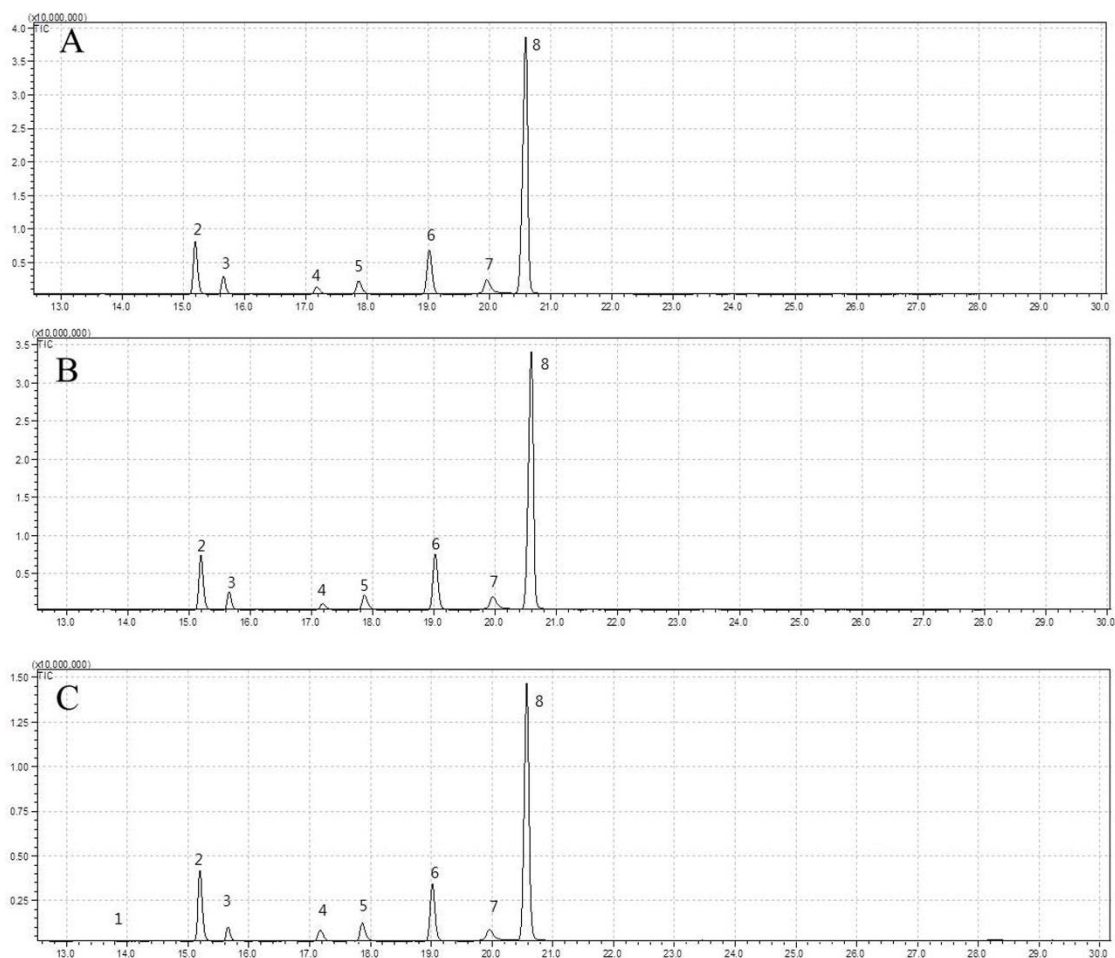
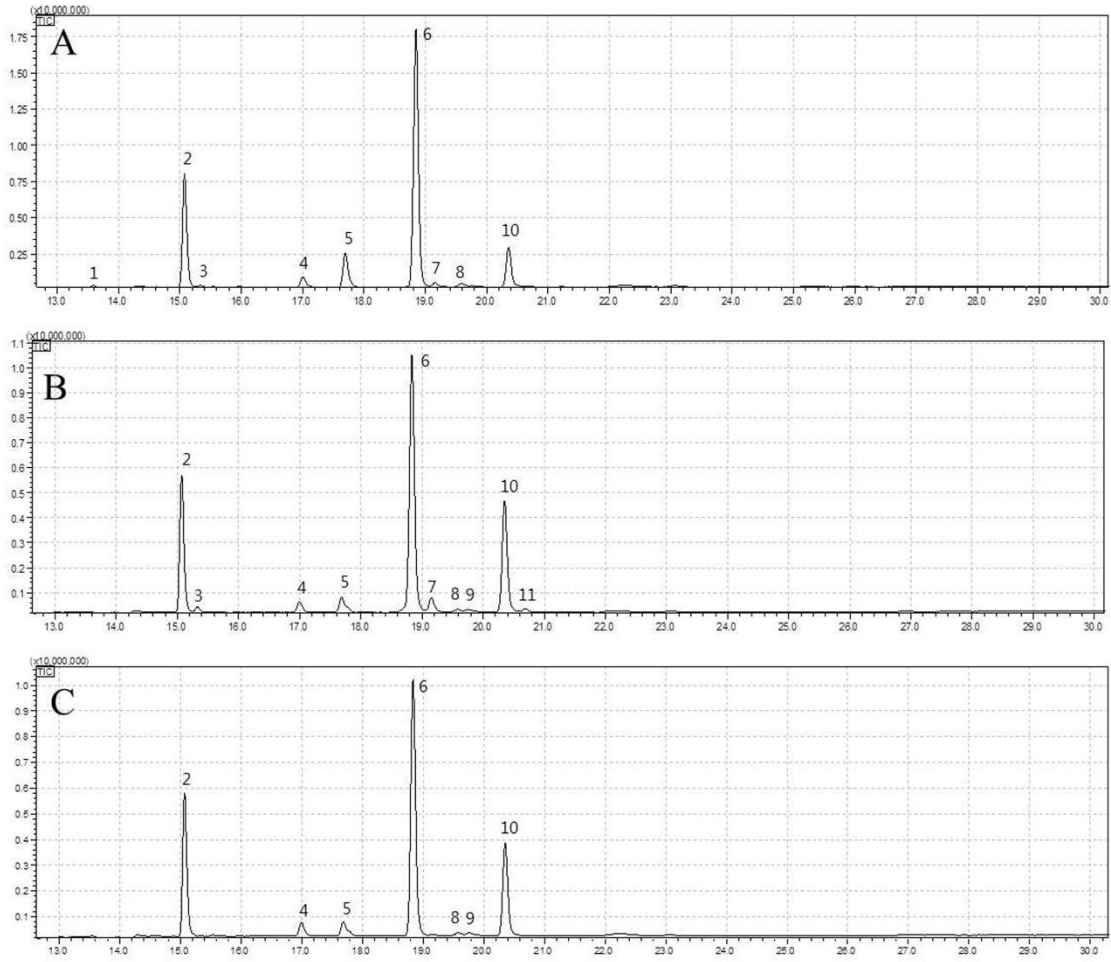


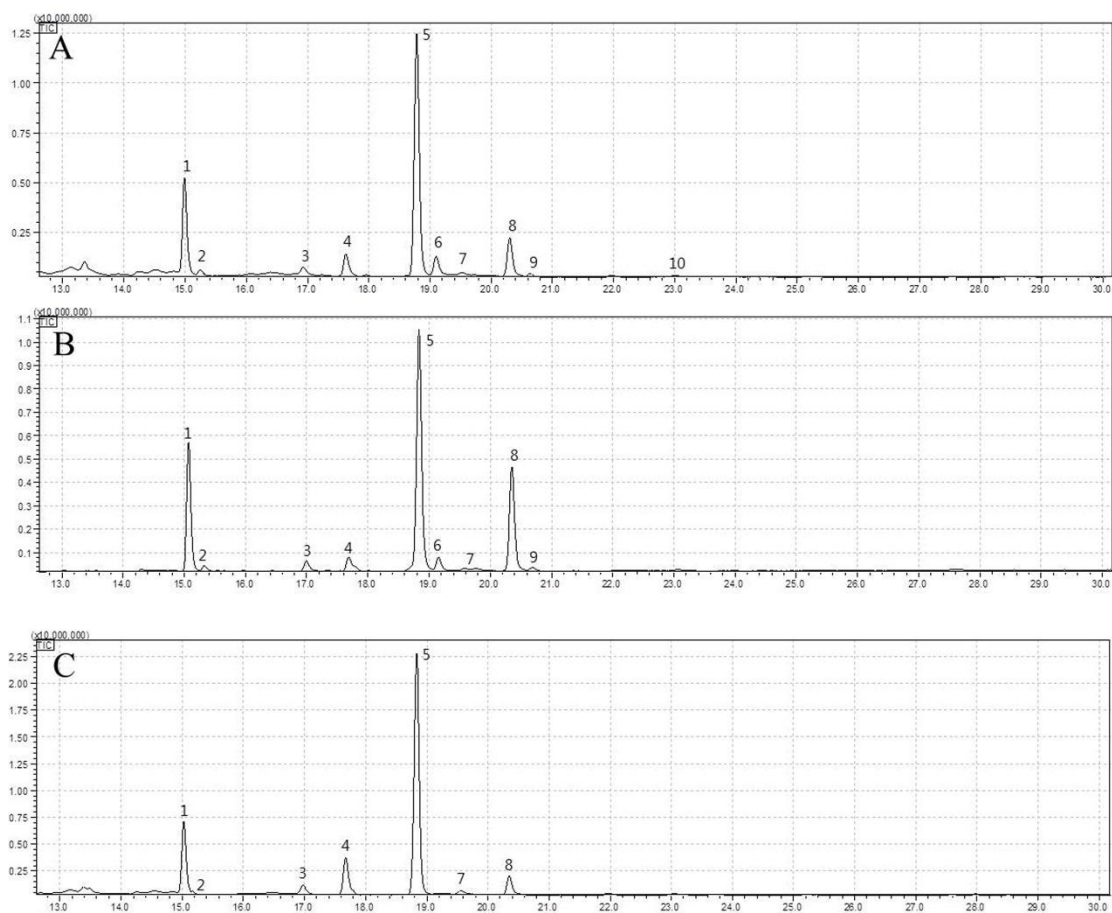
Supplementary Figures



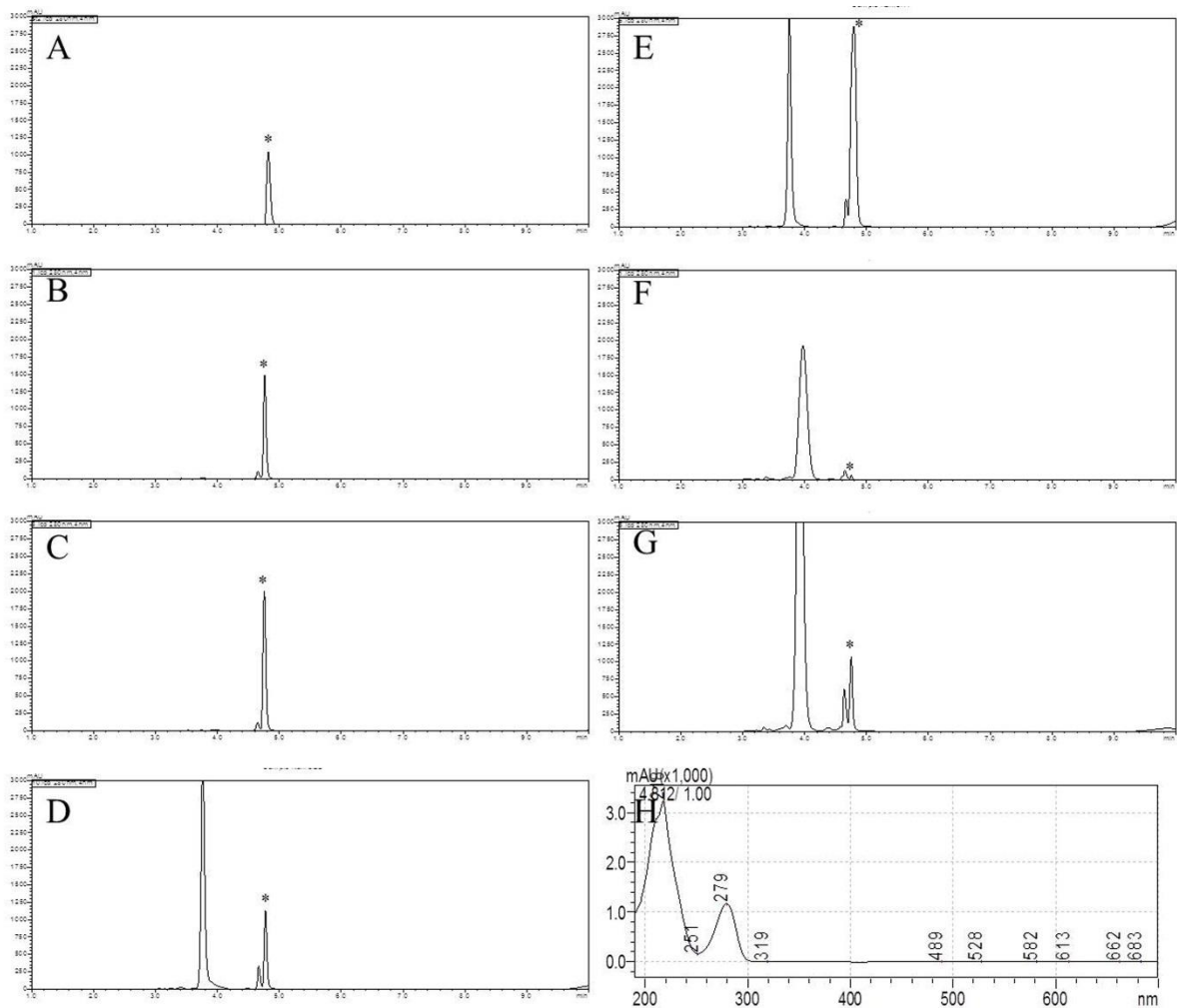
Supplementary Fig. S1. GC-MS chromatograms of fatty acids from the leaf of the faba bean. A: PI567883, B: PI369511, C: PI284345. 1–8: fatty acids listed in Table 2.



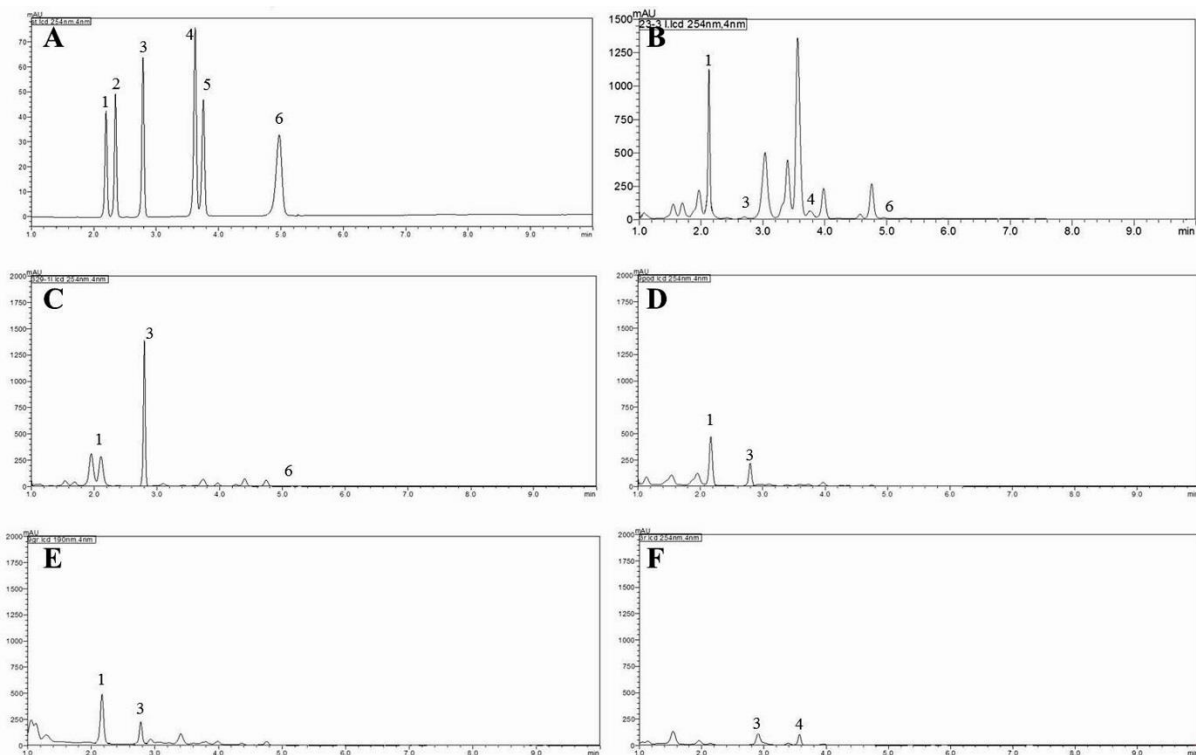
Supplementary Fig. S2. GC-MS chromatograms of fatty acids from the immature pod of the faba bean. A: PI366039, B: PI430715, C: PI614810. 1–11: fatty acids listed in Table 2.



Supplementary Fig. S3. GC-MS chromatograms of fatty acids from the seed of the faba bean. A: PI614810, B: PI430715, C: PI252004. 1–10: fatty acids listed in Table 2.



Supplementary Fig. S4. UPLC chromatograms of L-dopa content from different parts of the faba bean at 280 nm. A: Standard, B: PI252004 (leaf), C: PI284345 (leaf), D: PI655319 (immature pod), E: PI430715 (immature pod), F: PI252004 (seed), G: PI430715 (seed), H: L-dopa spectrum.



Supplementary Fig. S5. UPLC chromatograms of isoflavones from different parts of the faba bean at 254 nm. A: Standard, B: PI252004 (leaf), C: PI614810 (leaf), D: PI614810 (immature pod), E: PI614810 (seed), PI366039 (seed). 1: Daidzin, 2: Glycitin, 3: Genistin, 4: Daidzein, 5: Glycitein, 6: Genistein.