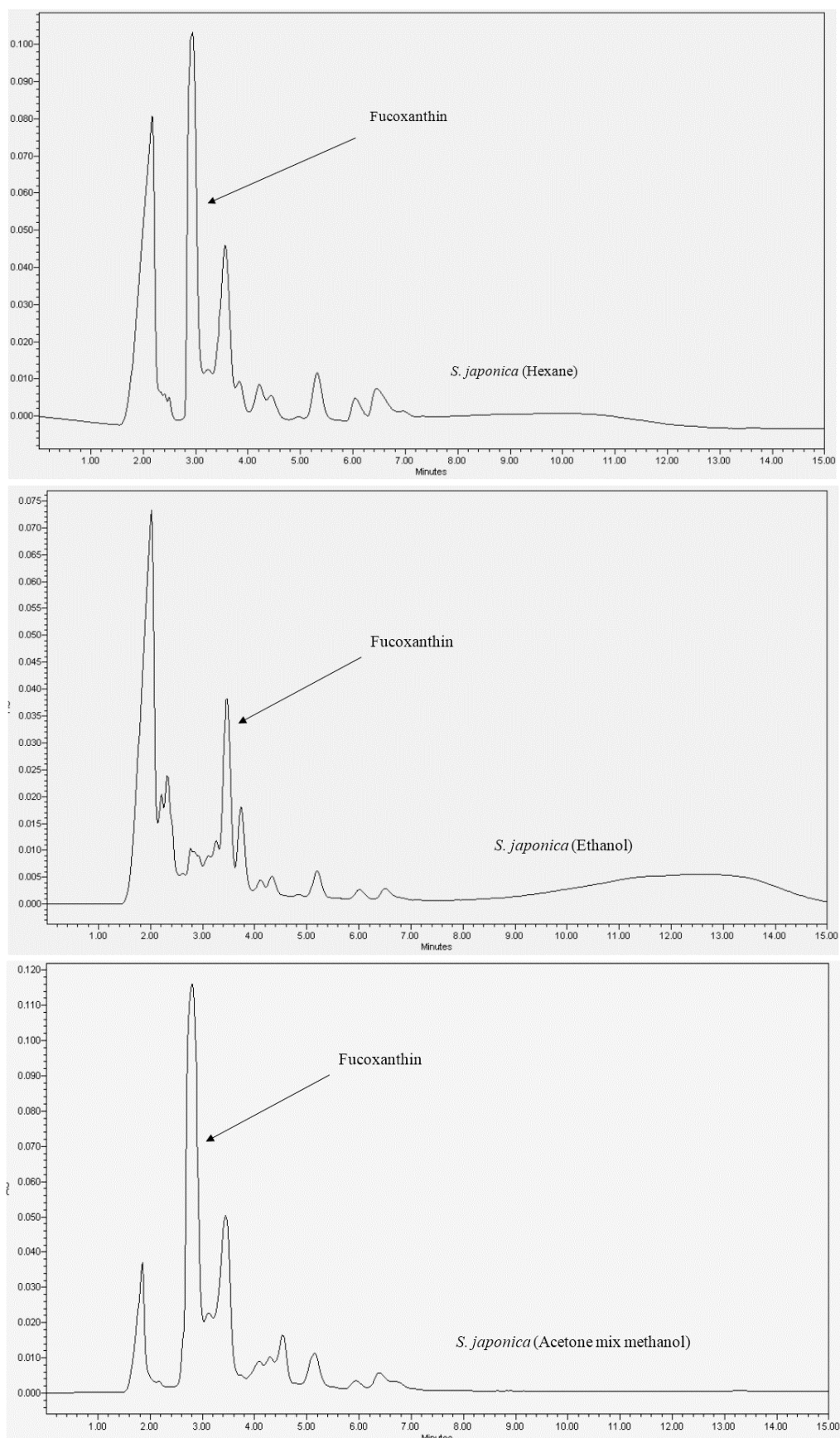
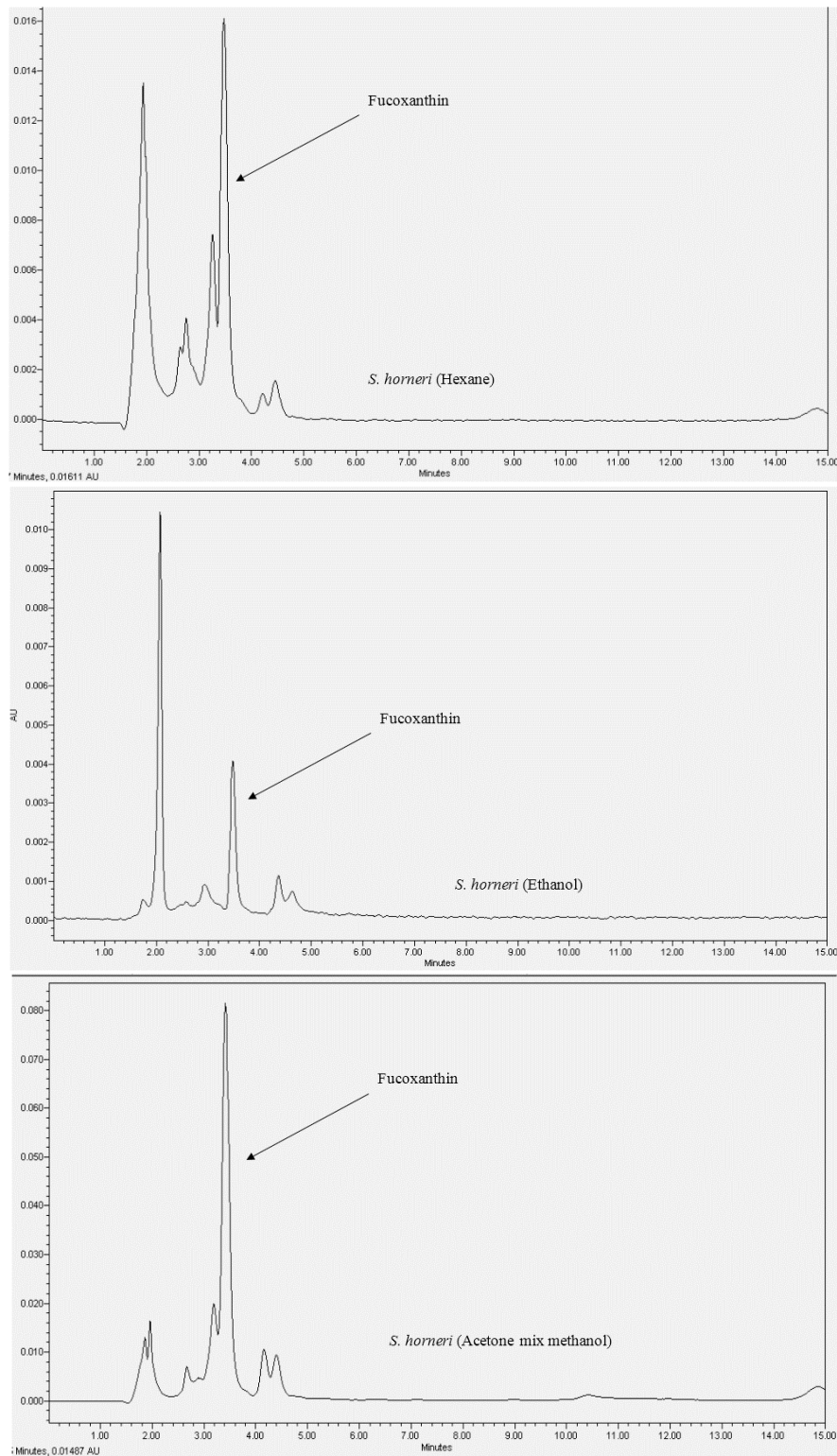


## Supplementary Information



(a)

Figure S1. Cont.



(b)

**Figure S1.** HPLC chromatogram of fucoxanthin content in (a) *S. japonica* using various solvent extraction and (b) *S. horneri* using various solvent extraction.