

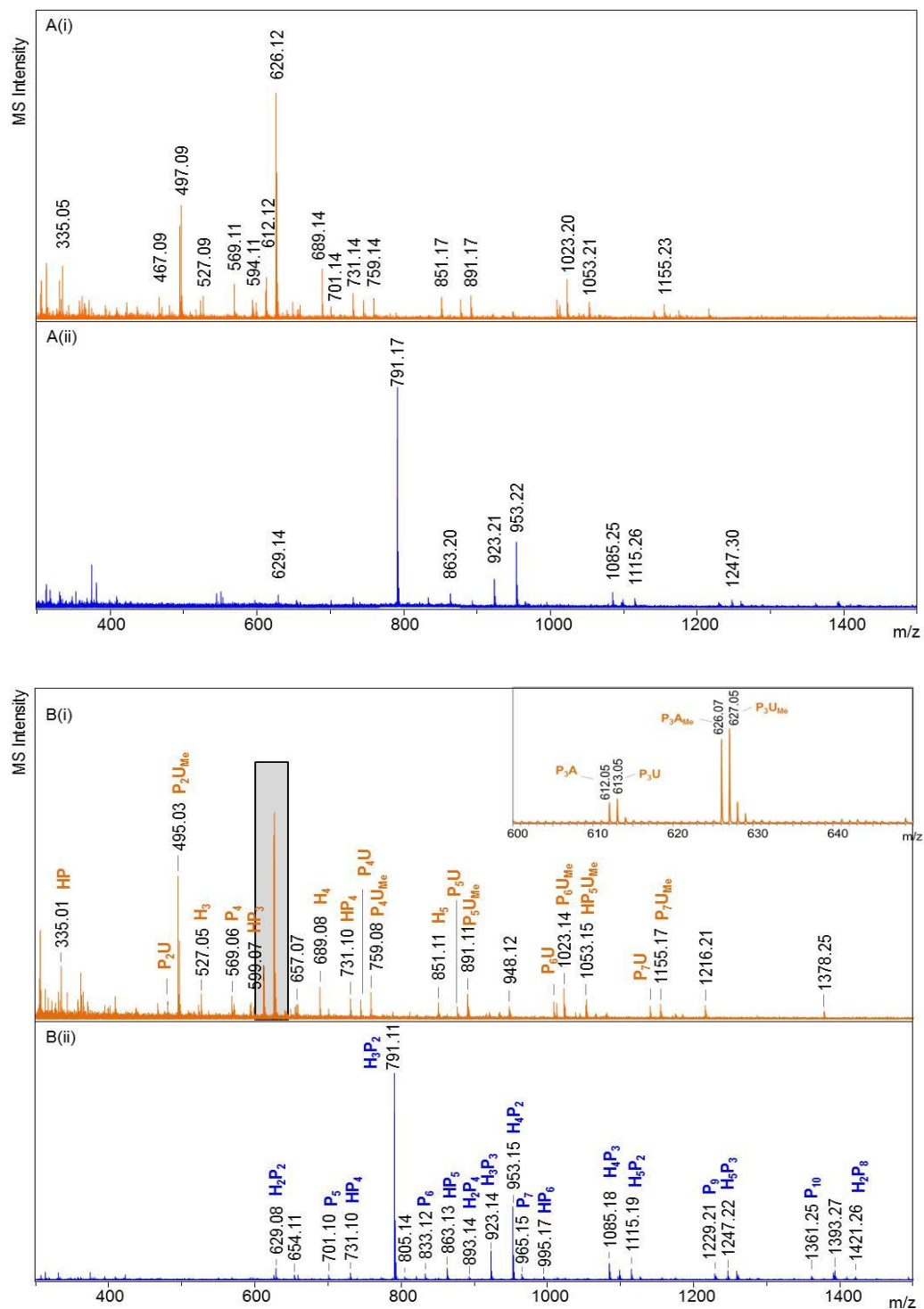


Figure S1. MALDI-TOF mass spectra of Fs-DACS fractions after separation using C18 SPE (A) and after isolation in 67 % (v/v) ethanol (B). The ions were detected in positive mode as their sodium adducts ($M+23$)⁺. (i): water-eluted fraction (A: F0, B: F0s), (ii): 30 % (v/v) methanol-eluted fraction (A: F30, B: F30s). B(Inset: Zoom in of m/z range 600-650. H: hexose, P: pentose, U: uronic acid, U_{me} : 4-*O*-methyl uronic acid, A: uronamide, A_{me} : 4-*O*-methyl uronamide.