

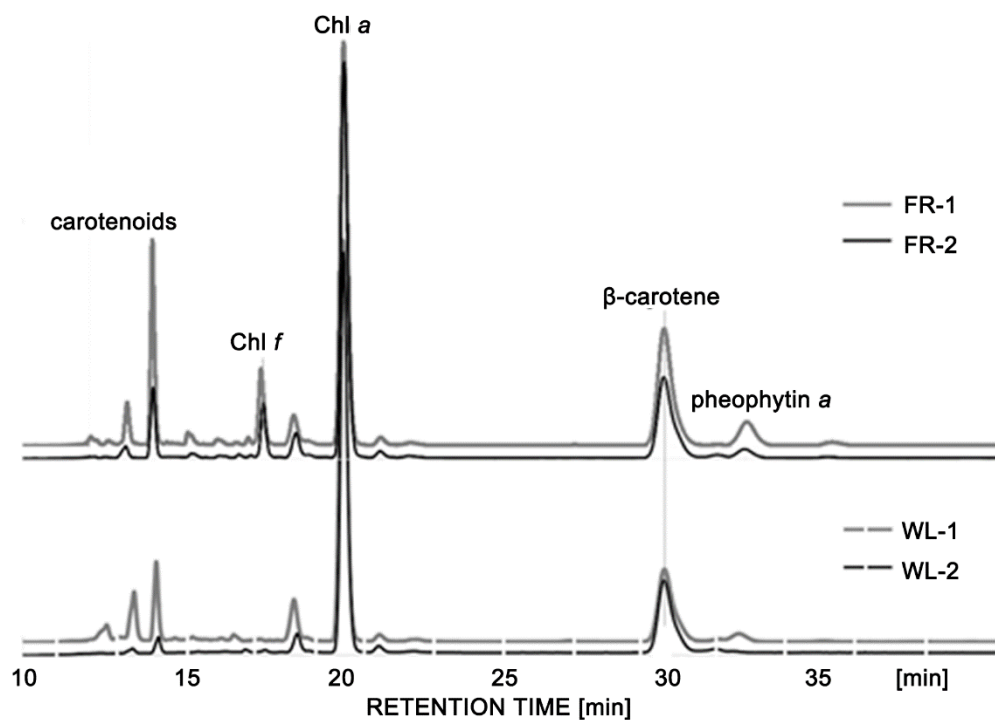


Fig. 1S. The HPLC chromatographs for the sucrose density band isolated from white light (WL) and far red light (FR) grown *Halomicronema hongdechloris*. The solid black (FR-2) and grey line (FR-1) represent the chromatographs for the FR band 2 and 1 (Fig.1), respectively. The dash black (WL-2) and grey line (WL-1) represent the chromatographs for the WL band 2 and 1 (Fig.1), respectively. Carotenoids, Chl *f*, Chl *a*, Chl *a*', β-carotene and pheophytin *a* are assigned based on their retention time and online spectra.