



Figure S1. the chromatography profiles of an *A. thaliana* sample prior and after ionic phase separation. (a) The overlapping chromatography profiles of a TBDMs derivatized *A. thaliana* cell sample before ionic phase separation and the cationic, neutral, and anionic phases. (b) The chromatography profile of a TBDMs derivatized *A. thaliana* cell sample before ionic phase separation and of the (c) cationic, (d) neutral, and (e) anionic fractions after ionic phase separation.