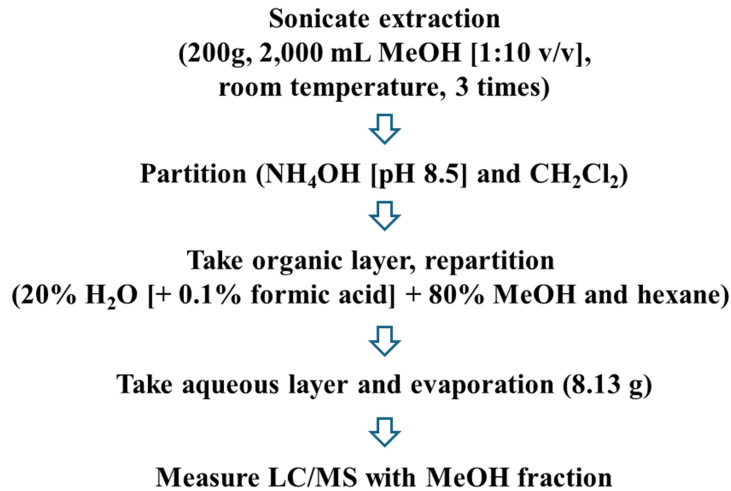


# Supplementary Materials

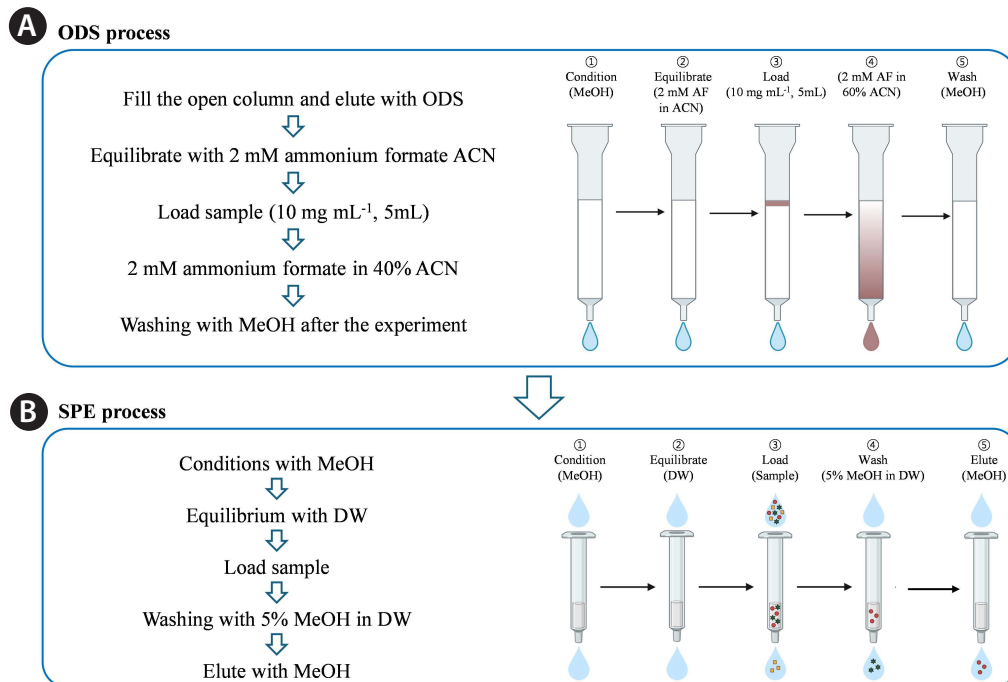
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**Supplementary Fig. S1.** Schematic representation of the extraction process for microalgae. LC/MS, liquid chromatography mass spectrometry.



**Supplementary Fig. S2.** Schematic diagram of octadecylsilane (ODS) (A) separation and solid-phase extraction (SPE) (B) process for microalgal extract purification. ACN, acetonitrile; AF, ammonium formate; DW, distilled water.