

Supplementary materials:

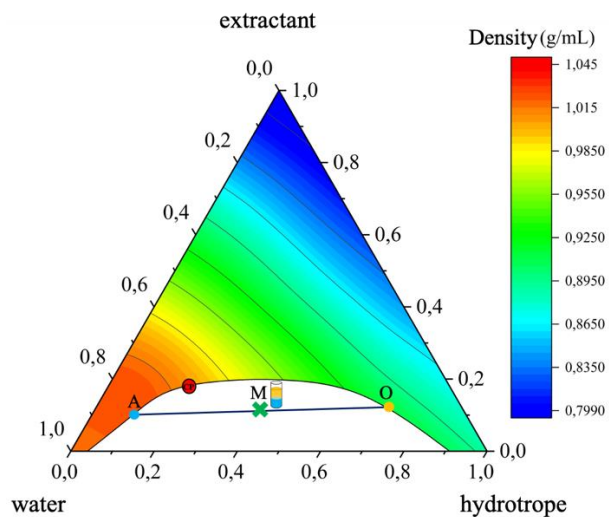
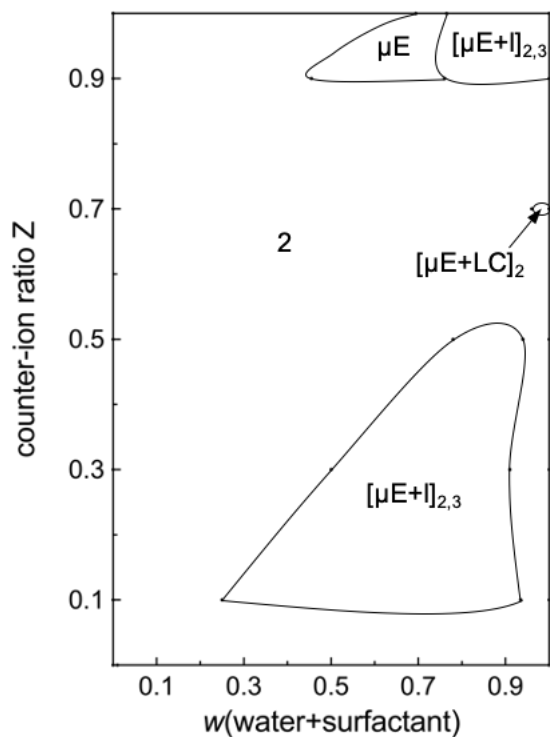
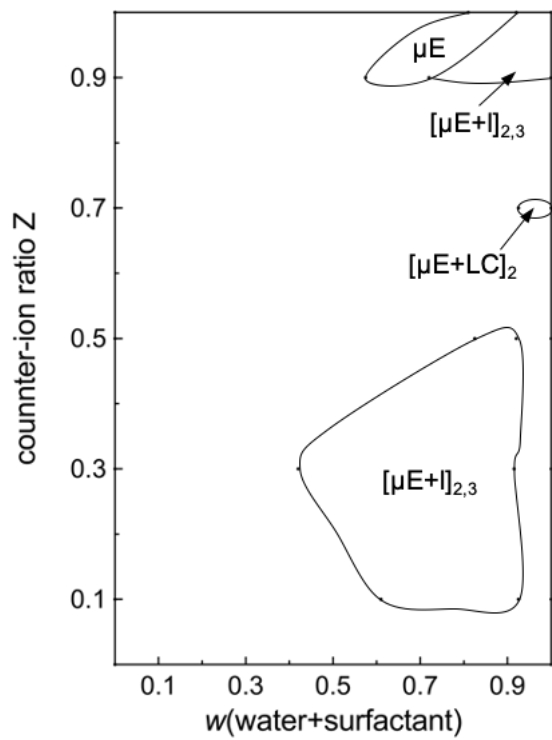


Figure S1. Example of a density map and how to determine the tie-lines from it.

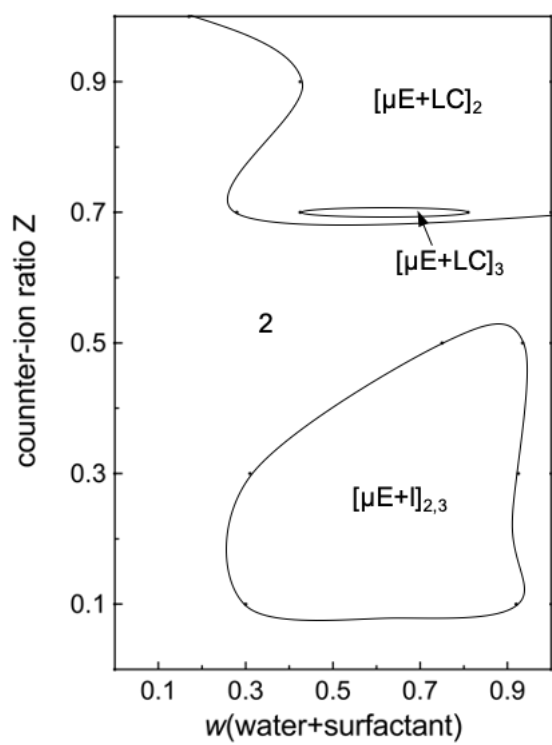
(a)



(b)



©



(d)

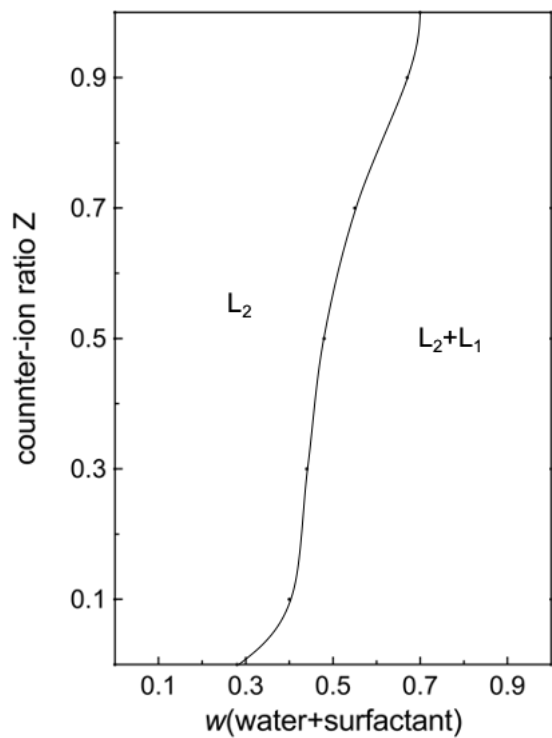
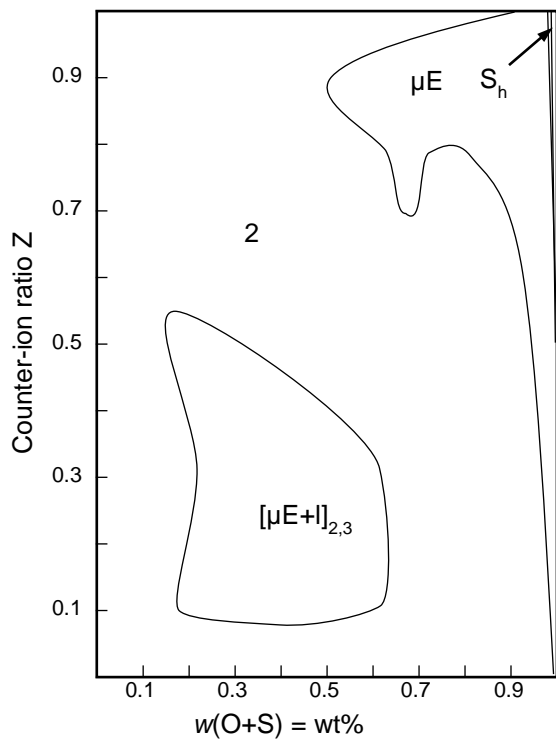
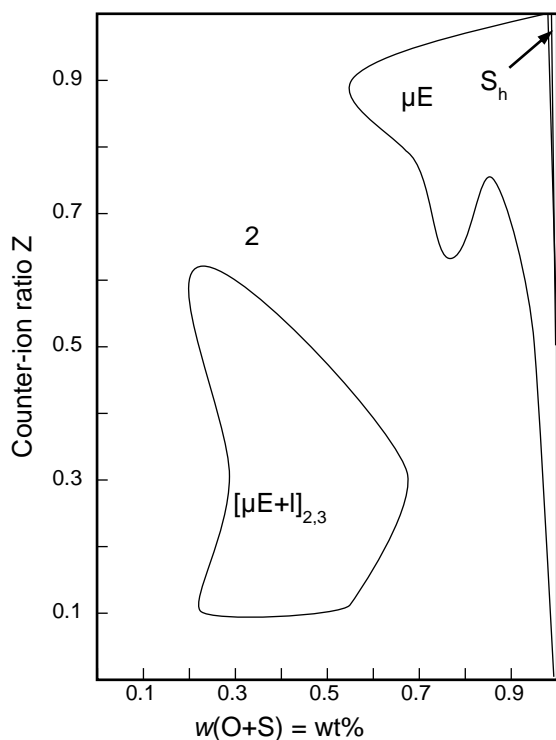


Figure S2 a, b, c and d the Lund-cut, obtained by dilution by using classical diluents or hydrotrope acting as a co-solvent.

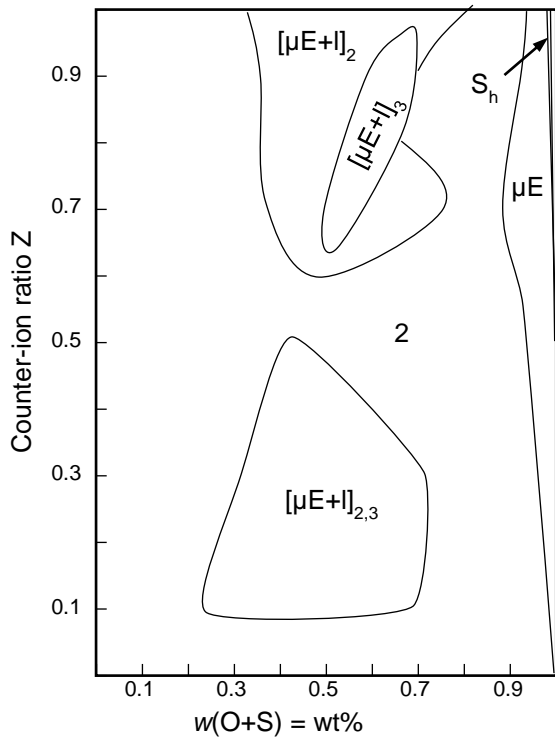
(a) Toluene:



(b) Isooctane:



(c) Dodecane:



(d) PnP

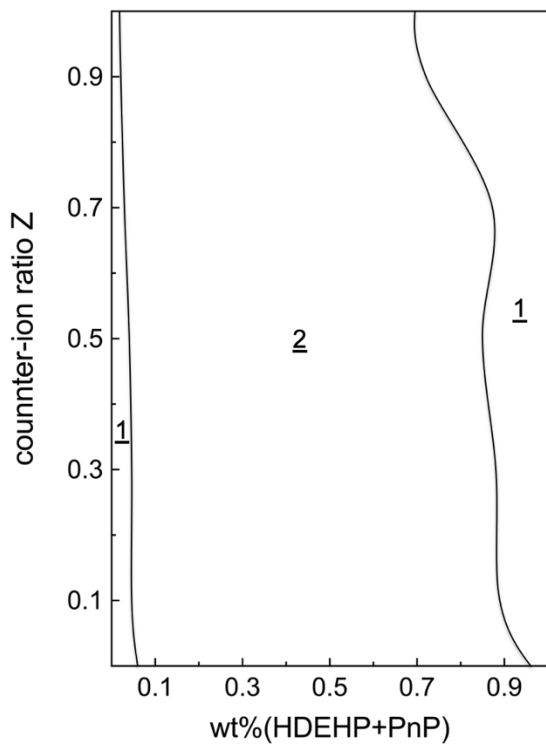


Figure S3 a, b, c and d: the “reverse” Lund cuts, obtained by dilution with water.