

SUPPORTING INFORMATION

What drives the precipitation of long-chain calcium carboxylates (soaps) in aqueous solution?

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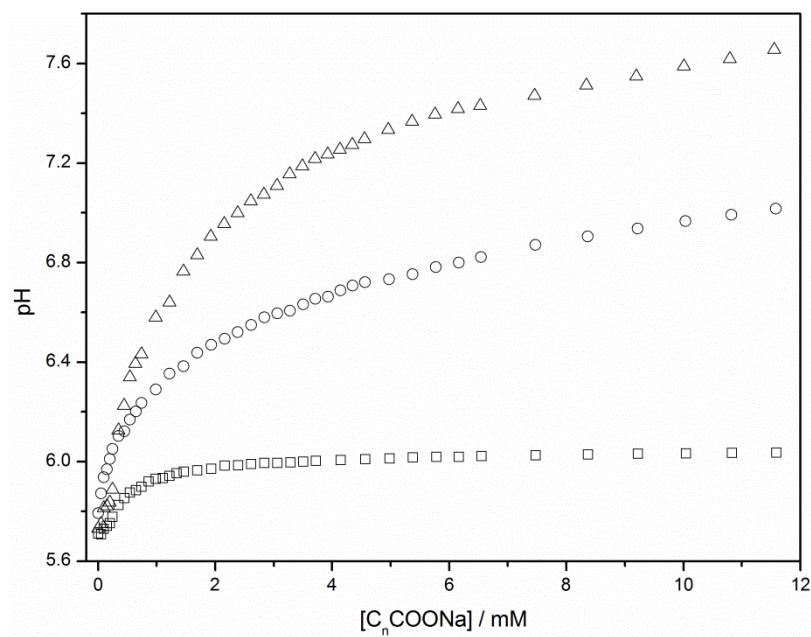


Figure I. Dependence of pH on the concentration of sodium octanoate (□), sodium decanoate (○) and sodium dodecanoate (Δ) in aqueous solution, at 25 °C.

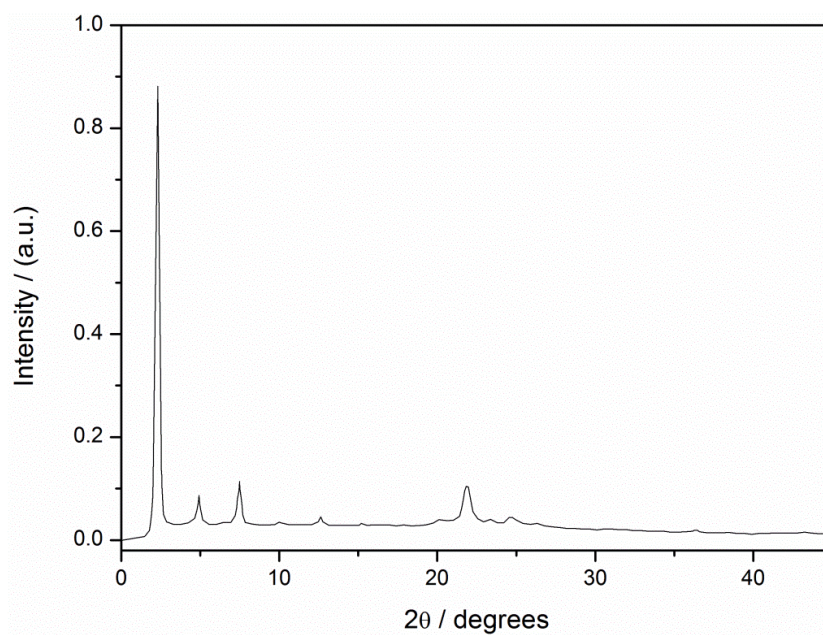


Figure II. Representative X-ray diffractogram for calcium dodecanoate.

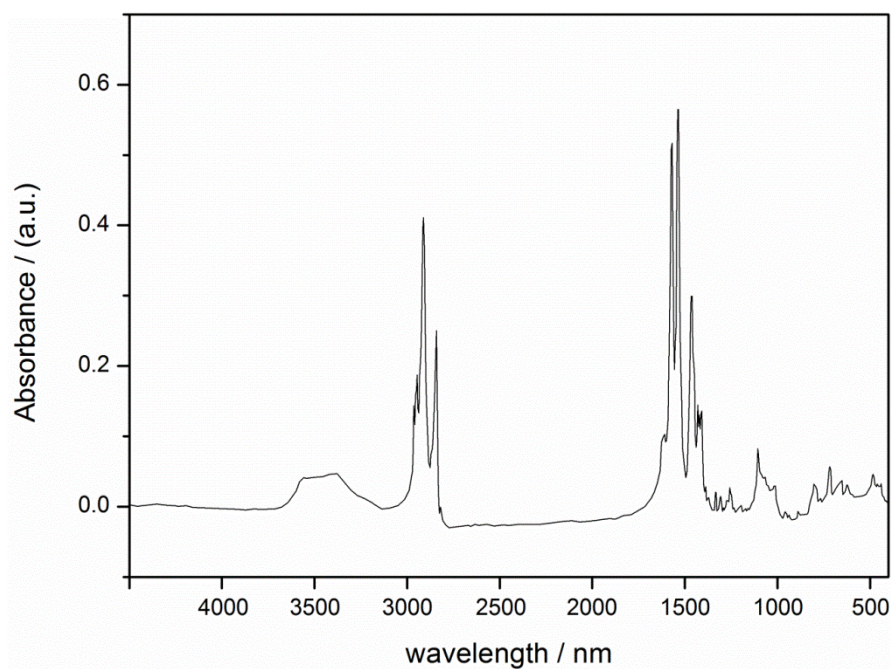


Figure III. Representative FTIR spectrum for calcium decanoate.