Electronic Supplementary Material (ESI) for RSC Advances.
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Supplementary Material

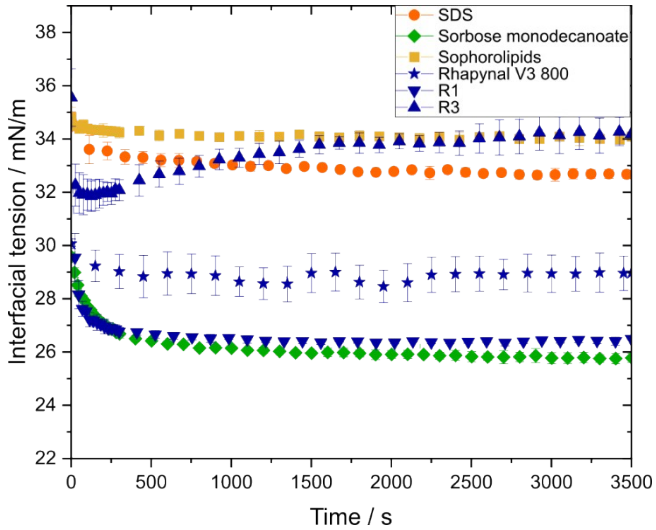

Figure S 1 Dynamic interfacial tension of the investigated surfactants

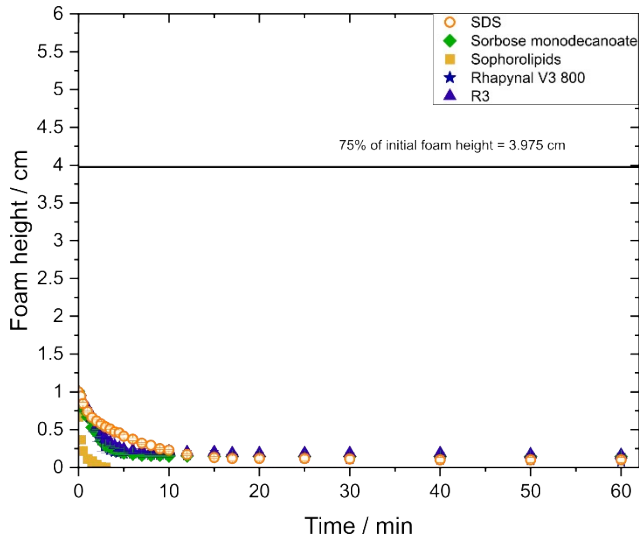

Figure S 2 Transient foam height of investigated surfactant solutions over time (foams prepared with carbon dioxide). Initial foam height was 5.3 cm. R1 showed no foam formation using carbon dioxide as foaming gas.

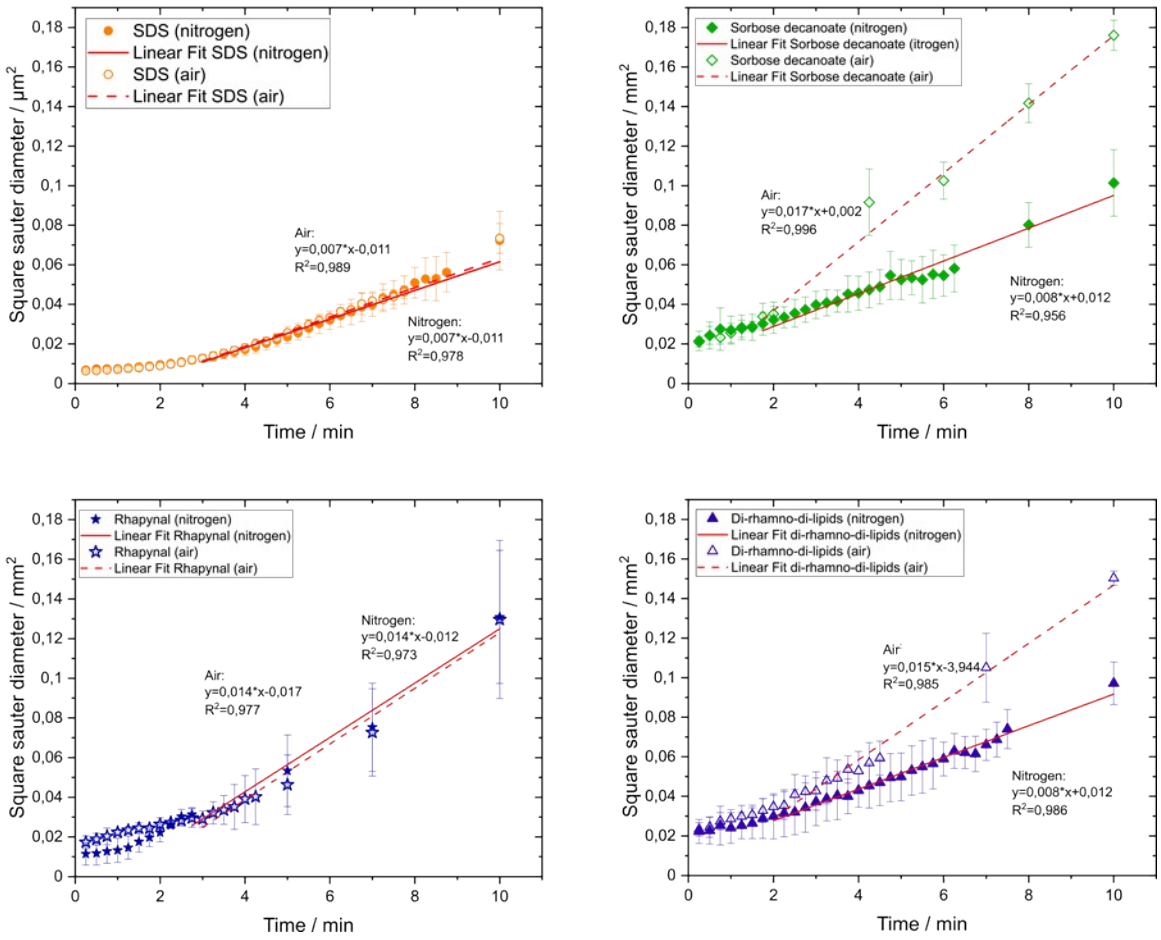

Figure S 3 Coarsening rates of the investigated surfactants.

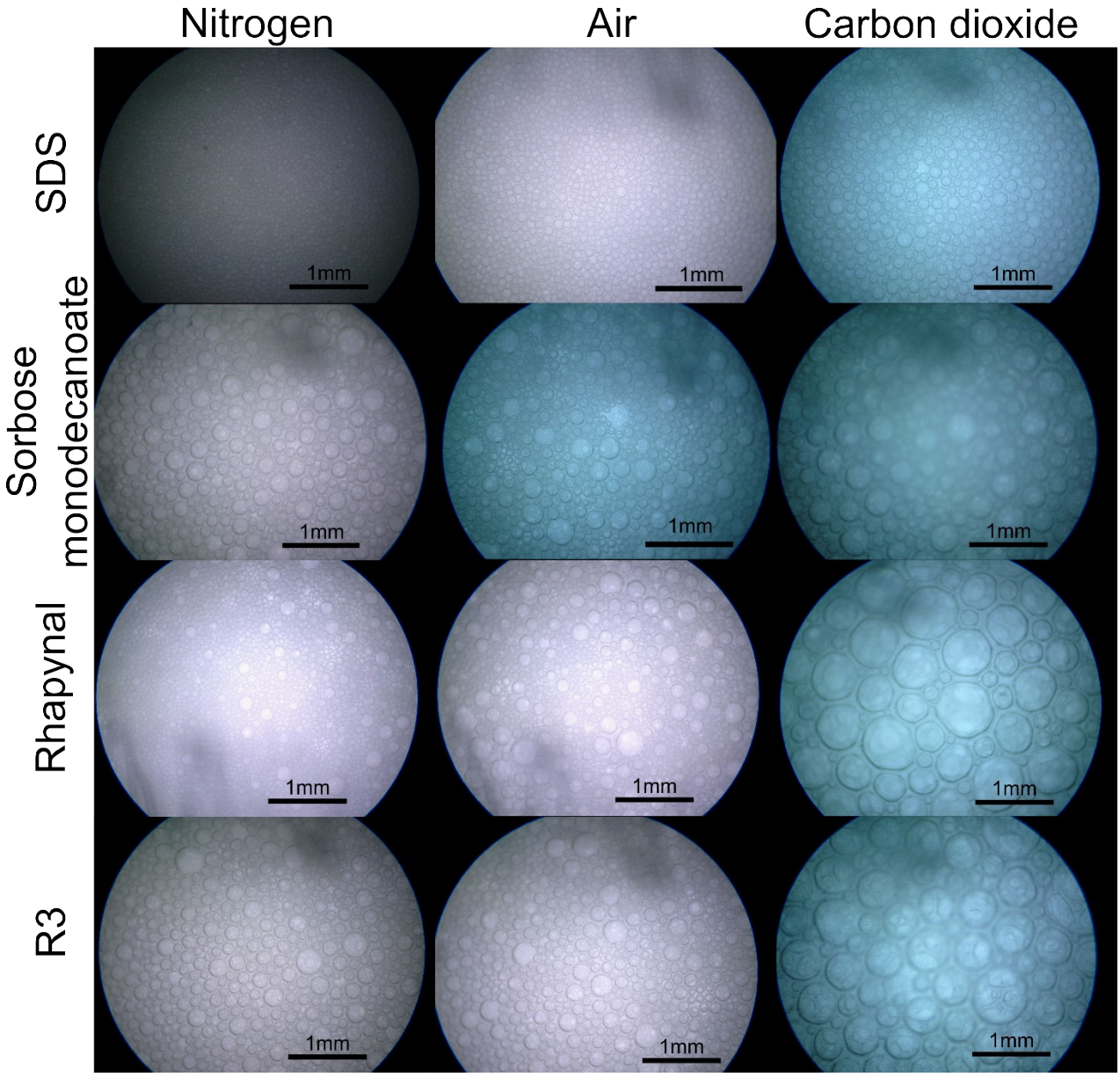

Figure S 4 Endoscopic pictures of foams stabilized by glycolipids at 15 s foam age. Foams generated with carbon dioxide show bigger bubbles than foams generated with nitrogen or air.