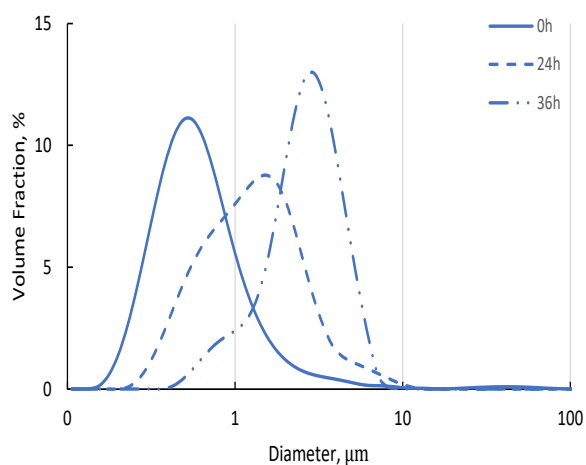


SUPPLEMENTARY MATERIAL

(A)



(B)

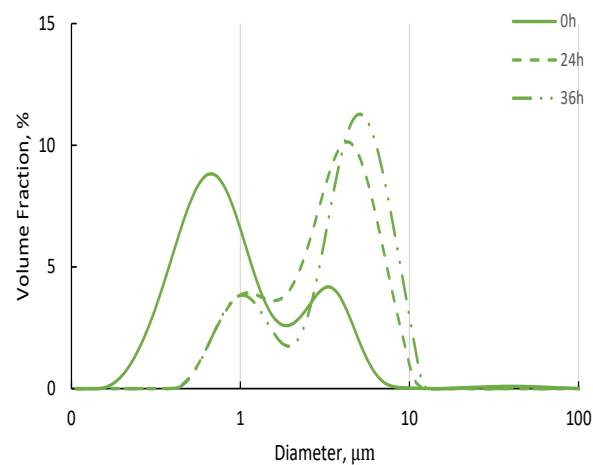


Figure S1. Oil droplet size distribution of the fish-oil-loaded emulsions produced for monoaxial electrospraying during processing (0h, 24h, 36h): GS-mo (A) and MD-mo (B).

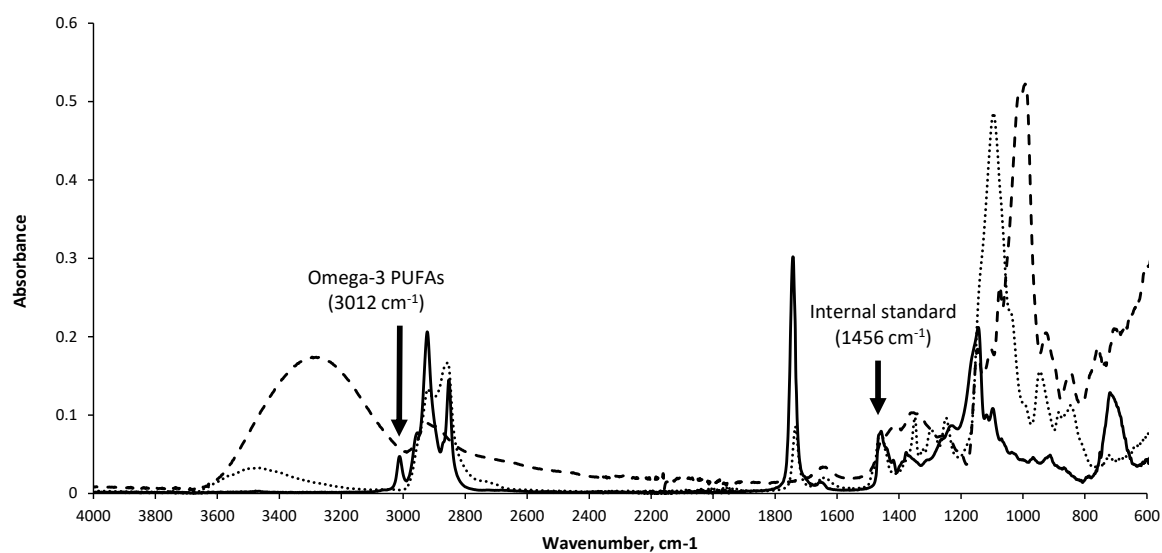


Figure S2. ATR-FTIR spectra of the: fish oil (solid line), glucose syrup (dashed line) and Tween-20 (dotted line).

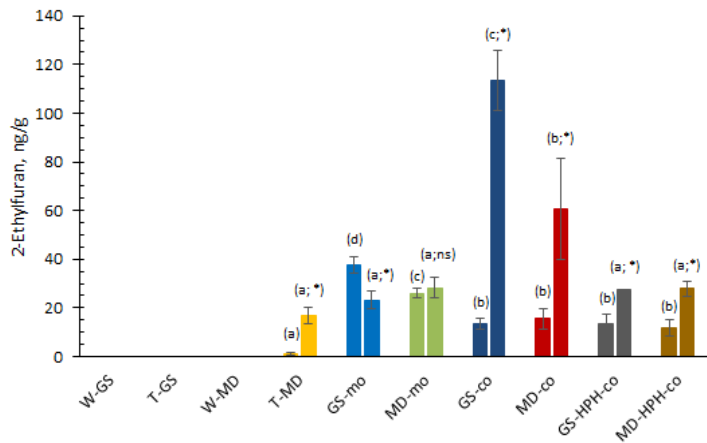
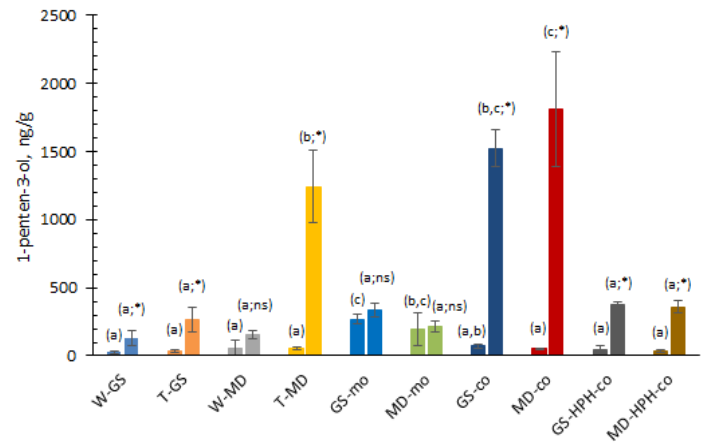
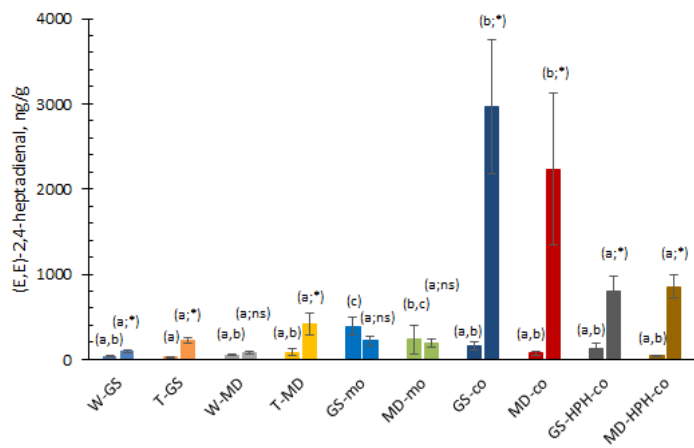
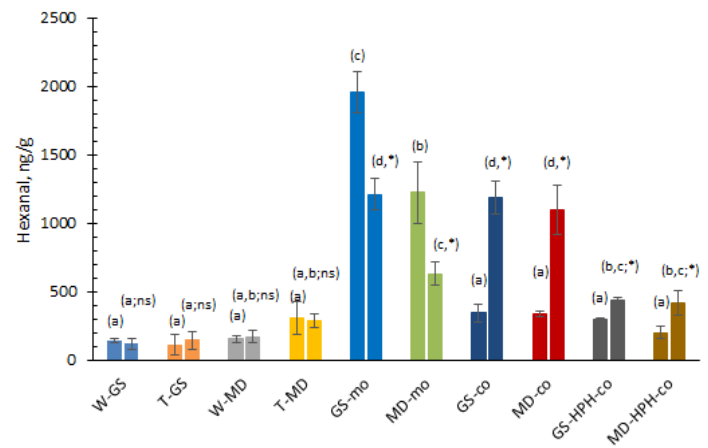
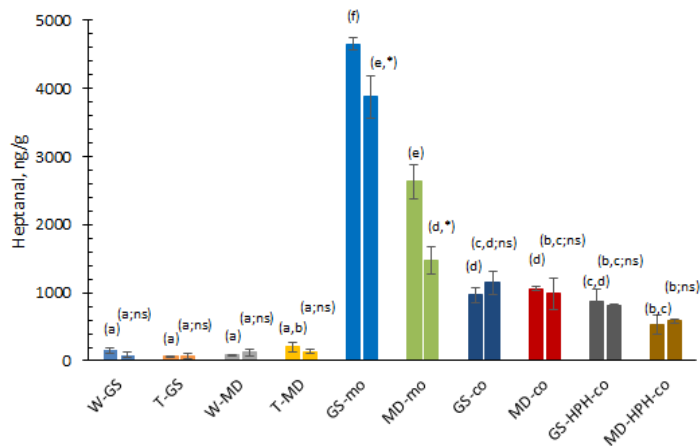
(A)**(B)****(C)****(D)****(E)**

Figure S3. Secondary volatile oxidation products (SVOPs) of the fish-oil-loaded capsules produced by spray-drying or electrospraying (monoaxial and coaxial) at week 0 and week 6 of storage: 2-ethylfuran **(A)**; 1-penten-3-ol **(B)**; (*E,E*)-2,4-heptadienal **(C)**; hexanal **(D)**; heptanal **(E)**. Samples followed by a letter, a-d, indicates statistical differences ($p \leq 0.05$) between samples at the same sampling point. Samples followed by an asterisk (*) indicates statistical differences ($p < 0.05$) between week 0 and week 6. Means within the same sample followed by “ns” indicates no statistical differences ($p > 0.05$) between week 0 and week 6.