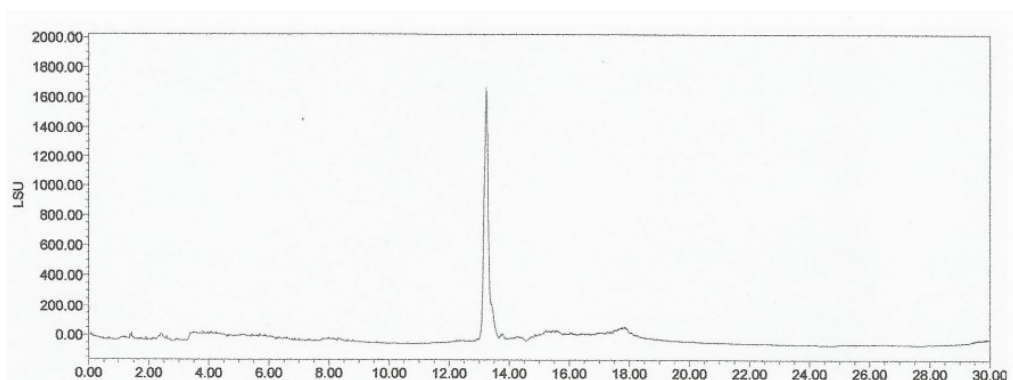


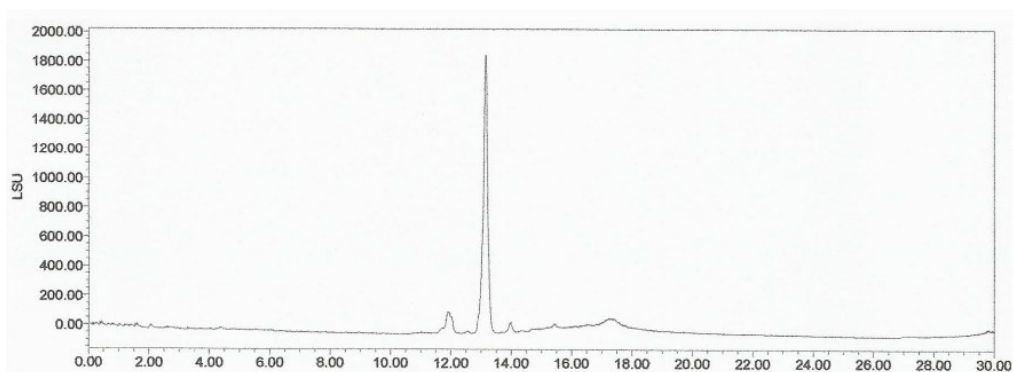
Supporting information Table S1. Main fatty acid composition of EPA-PS and DHA-PS (% of total FA).

Fatty Acid	EPA-PS	DHA-PS
C16:0	2.7±0.1	24.7±0.5
C18:0	2.1±0.2	3.6±0.1
C18:1	6.3±0.4	1.7±0.1
C20:1	1.2±0.1	4.7±0.3
C20:2	2.7±0.1	1.2±0.1
C20:3	4.3±0.3	1.0±0.1
C20:5	59.7±0.6	11.3±0.4
C22:6	9.7±0.3	42.2±0.7

A

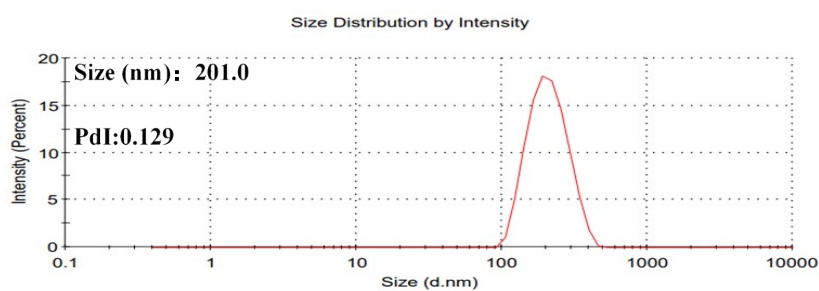


B

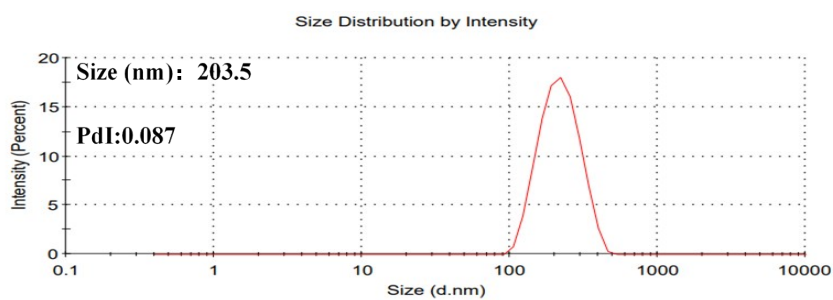


535 Supporting information Figure S1. The structures of EPA-PS (A) and DHA-PS (B) were analyzed
536 using HPLC.

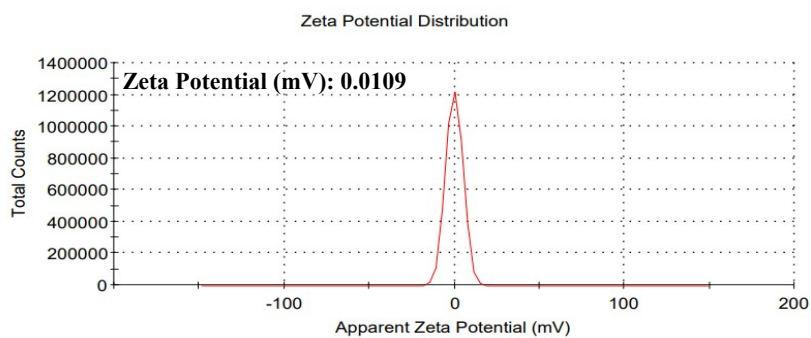
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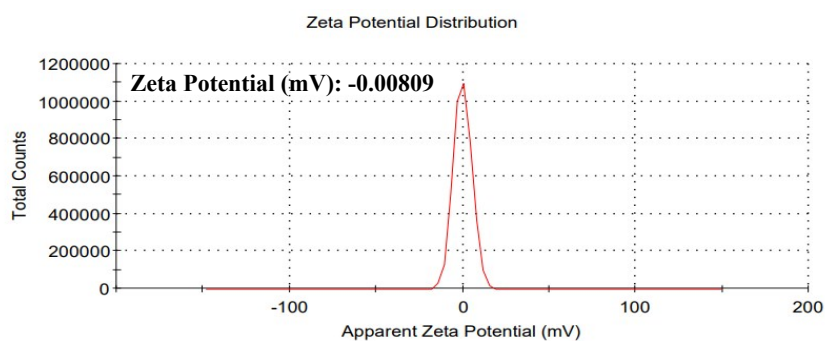
B



C



D



537 Supporting information Figure S2. The particle size distribution and polydispersity index (PDI) of
 538 liposomes. EPA-PS (A); DHA-PS (B). The particle zeta potential of liposomes. EPA-PS (C);
 539 DHA-PS (D).