

Supplementary data

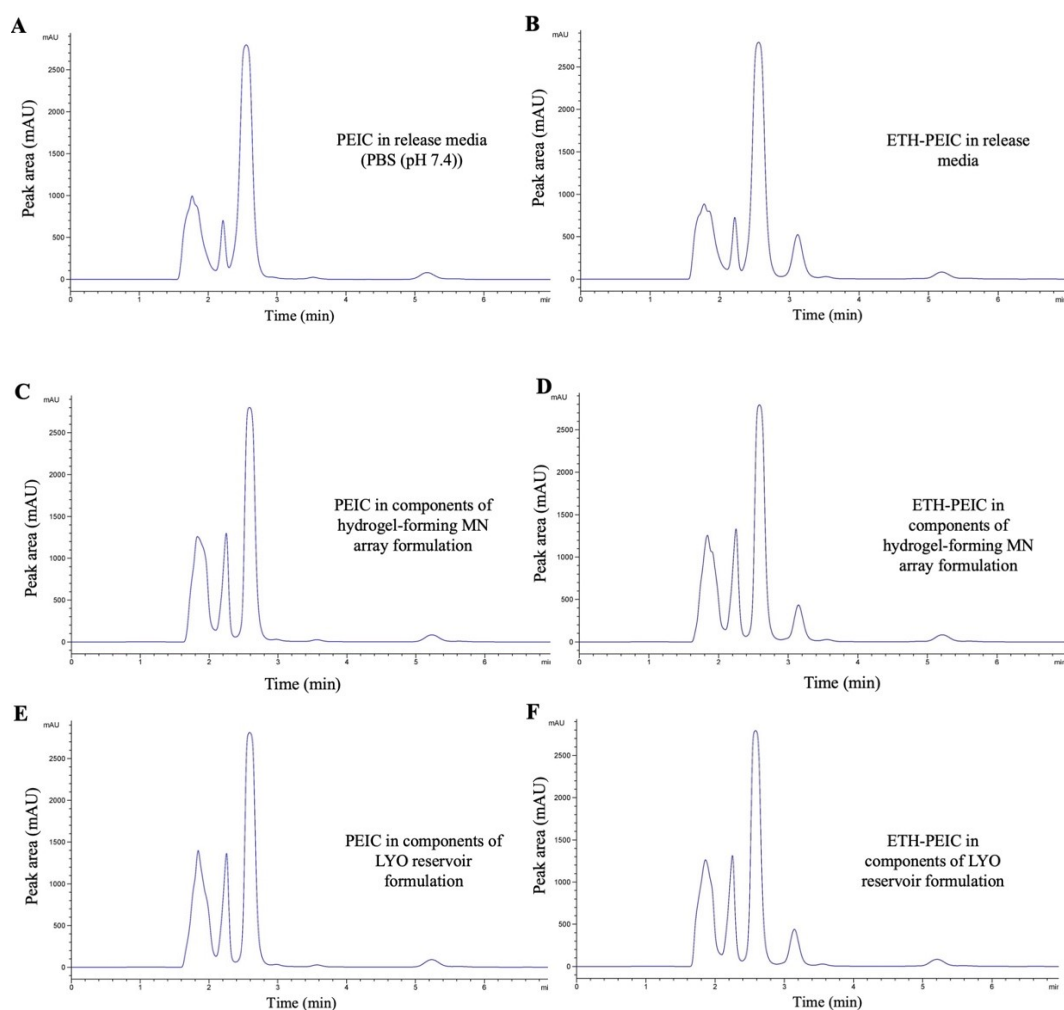


Figure 1. Representative chromatograms of ETH-PEIC in release media combined with other components that could possibly interfere in *in vitro* studies. (A) PEIC in release media, (B) ETH-PEIC in release media, (C) PEIC in mixture of hydrogel formulation, (D) ETH-PEIC in the mixture of hydrogel formulation, (E) PEIC in mixture of excipient of LYO reservoir formulation, (F) ETH-PEIC loaded in LYO formulation

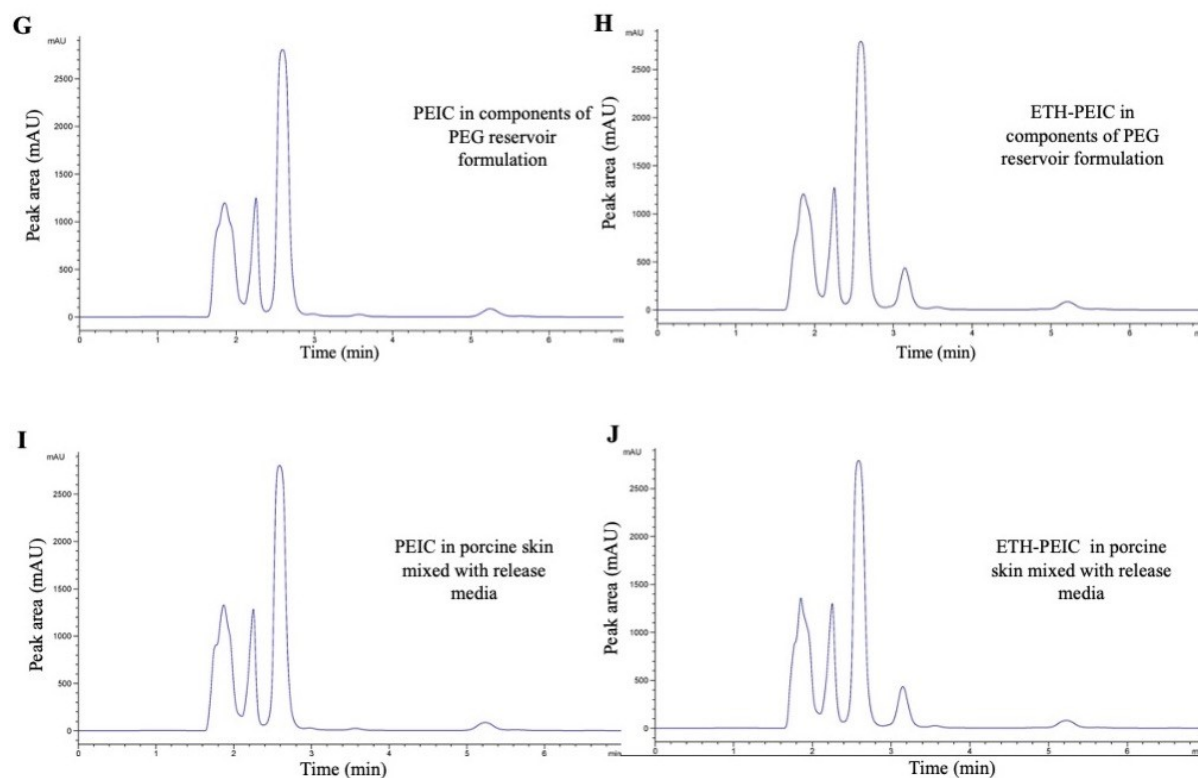


Figure 1. (Continued) Representative chromatograms of ETH-PEIC in release media combined with other components that could possibly interfere in *in vitro* studies. (G) PEIC in mixture of excipients of PEG reservoir formulation, (H) ETH-PEIC loaded in PEG formulation, (I) PEIC in mixture of porcine skin and release media, (J) ETH-PEIC in the mixture of porcine skin and release media.

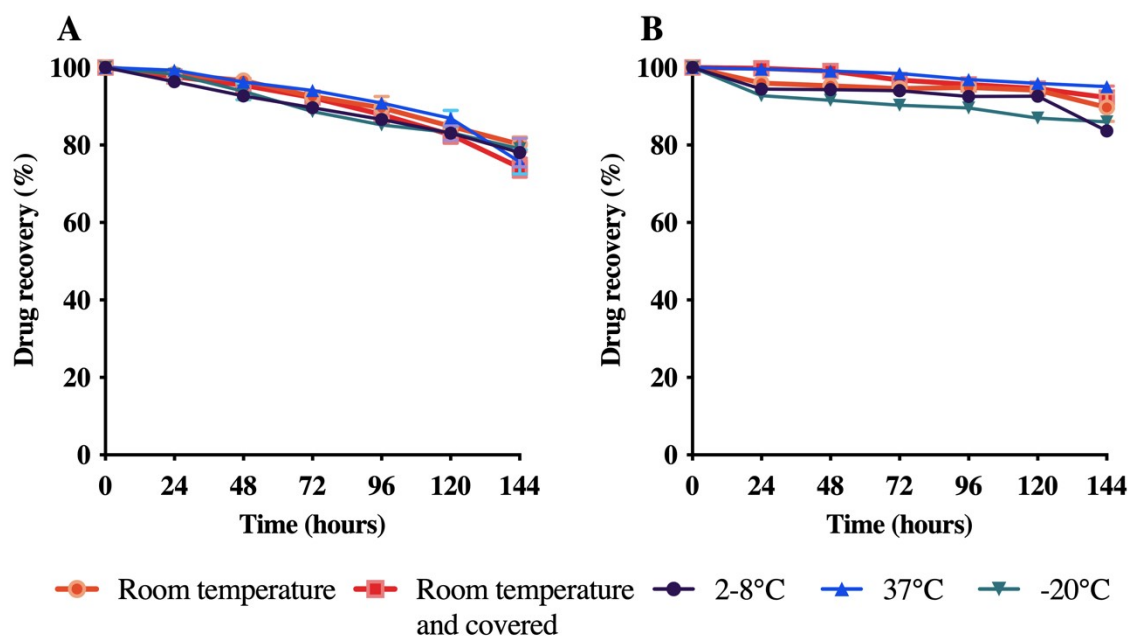


Figure 2. Percentage recovery of (A) ETH and (B) derivatisation products in PBS (pH 7.4) after exposure to different conditions in seven days (means \pm SD, n = 3).