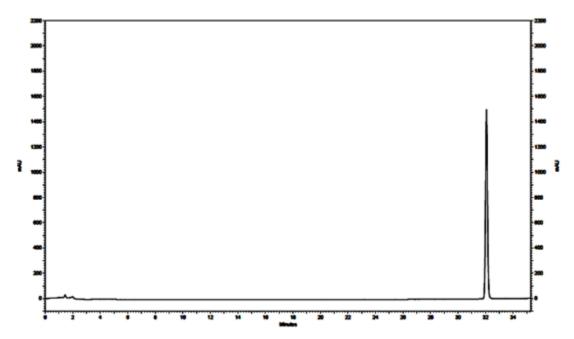
Optimization of Docetaxel Loading Conditions in Liposomes: proposing potential products for metastatic breast carcinoma chemotherapy

Roghayyeh Vakili-Ghartavol¹, Seyed Mahdi Rezayat ^{1, 2}, Reza Faridi-Majidi¹, Kayvan Sadri³, Mahmoud Reza Jaafari*^{4, 5}

*Corresponding author: Mahmoud Reza Jaafari; Email: Jafarimr@mums.ac.ir

⁵Department of Pharmaceutical Nanotechnology, School of Pharmacy, Mashhad University of Medical Sciences, Mashhad, Iran



Supplementary Figure S1. A representative chromatogram of DTX obtained from HPLC equipped with a Waters C18, $3.5 \mu m$, $150 \times 4.6 mm$, $100 A^{\circ}$ column and an UV detector set at 230 nm.

¹Department of Medical Nanotechnology, School of Advanced Technologies in Medicine, Tehran University of Medical Sciences, Tehran, Iran.

² Department of Pharmacology, School of Medicine, Tehran University of Medical Sciences, Tehran, Iran.

³Nuclear Medicine Research Center, Mashhad University of Medical Sciences, Mashhad 98451-3546, Iran

⁴Nanotechnology Research Center, Pharmaceutical Technology Institute, Mashhad University of Medical Sciences, Mashhad, Iran