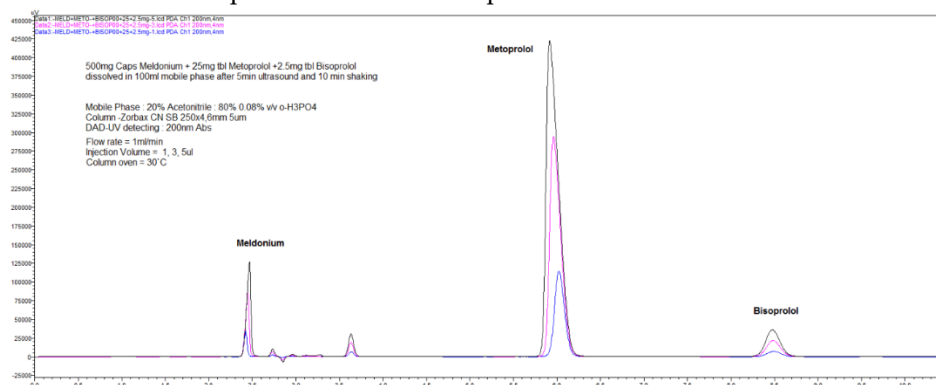


**Suppl. Figure S1.** Testing the chromatograms elution positions and peak shapes of meldonium and metoprolol samples and meldonium standards only, in mobile phases with different procents of ACN and diluted TFA.



**Suppl. Figure S2.** Chromatogram gained with Zorbax CN-SB column with 3 clearly separated API molecules meldonium, metoprolol and bisoprolol, with their UV-absorption characteristic extracted spectrums on right side, which expand the applicability of method to perform determination of other beta-blocker drugs simultaneously.