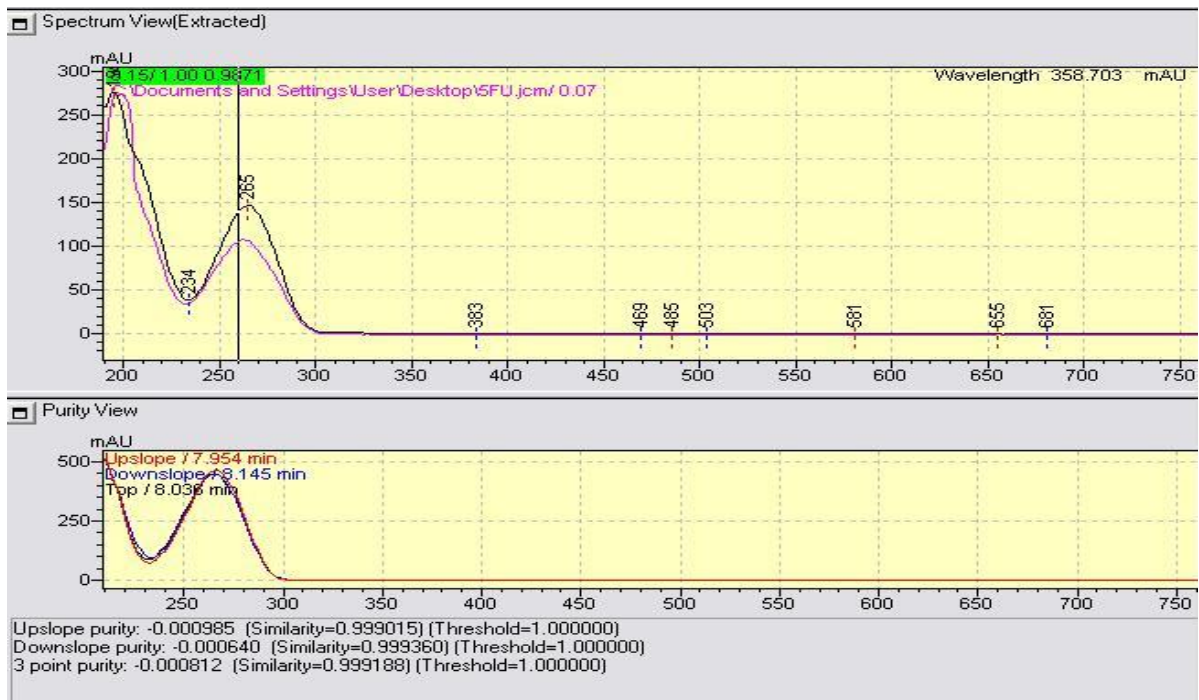
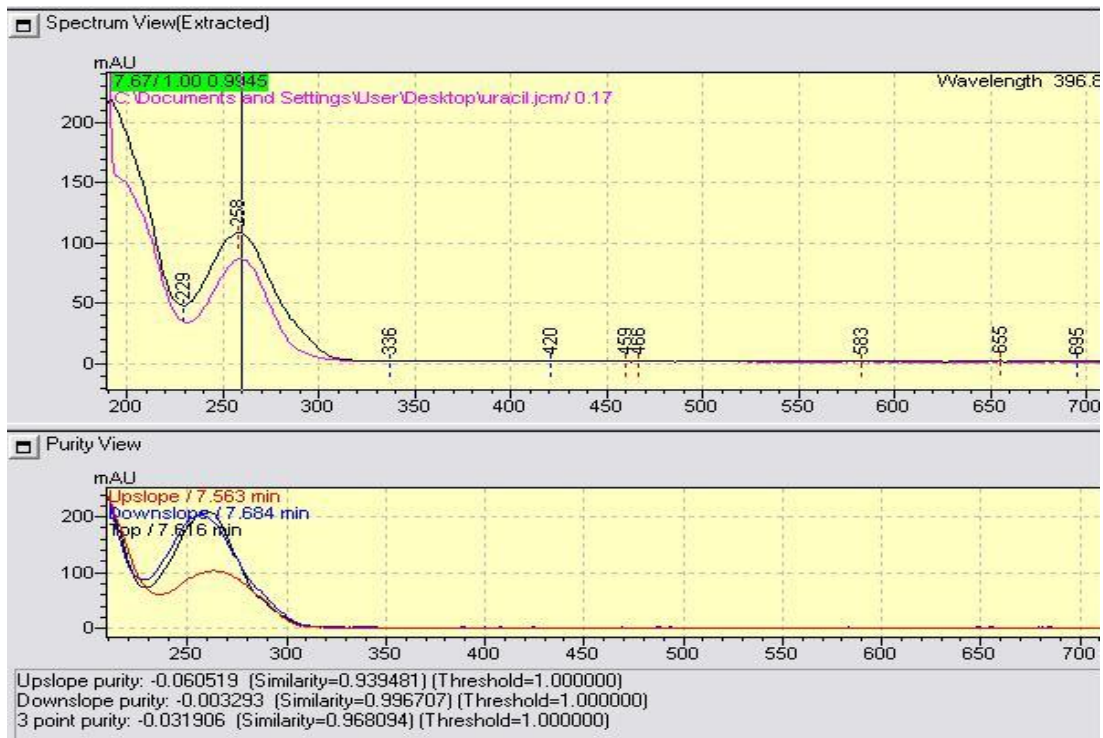


Spectrum data

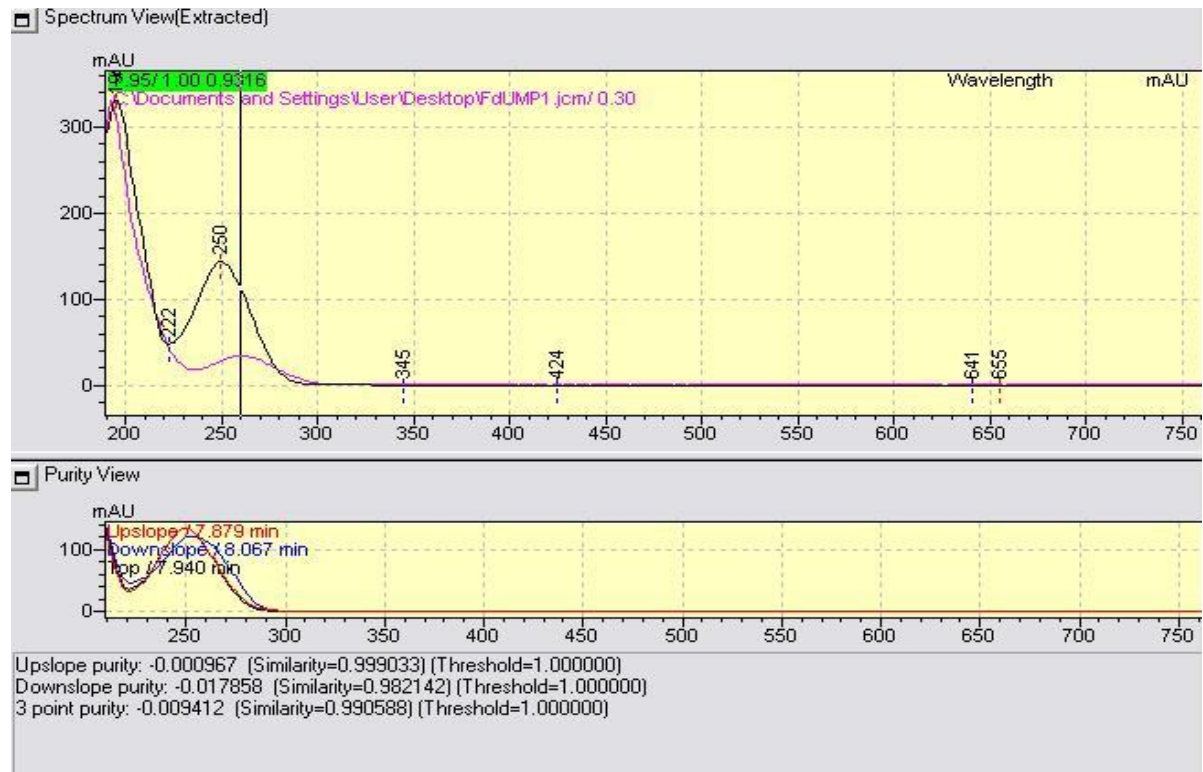
A. 5-FU match to commercial 5-FU (99.9%)



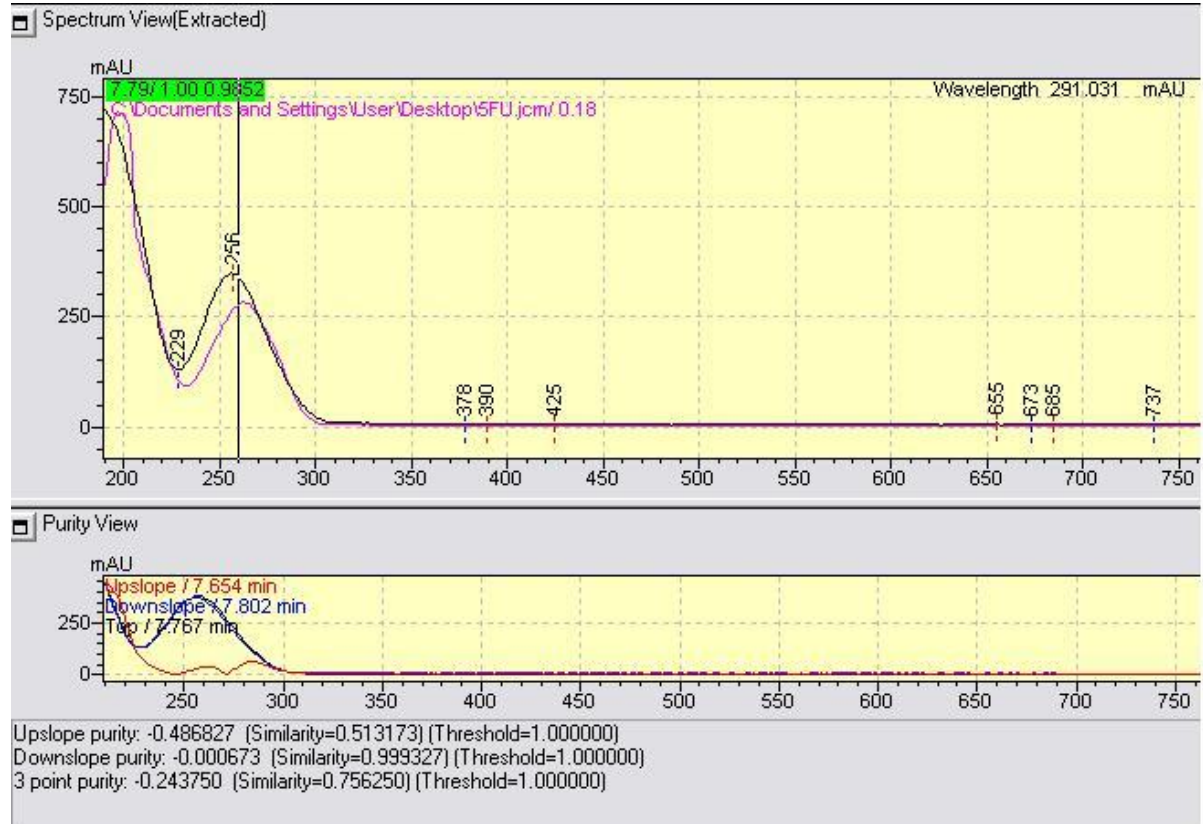
B. Uracil match to commercial uracil (96.8%)



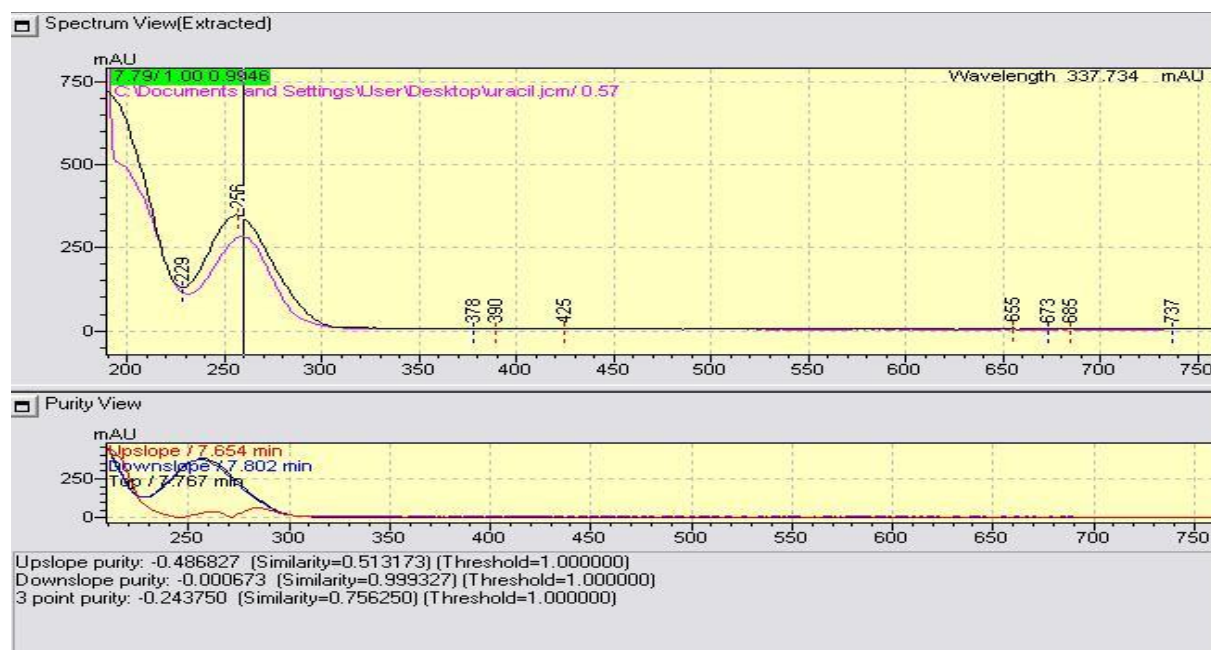
C. FdUMP match to commercial FdUMP (99.0%)



D. Peak retention time 7.8 Mismatch to 5-FU (75.6%)

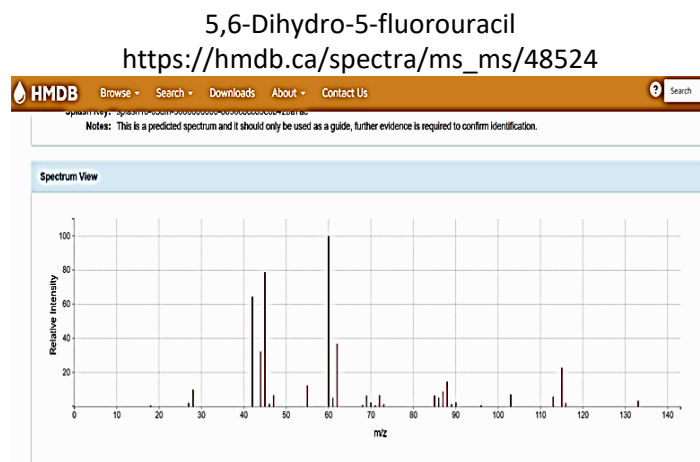
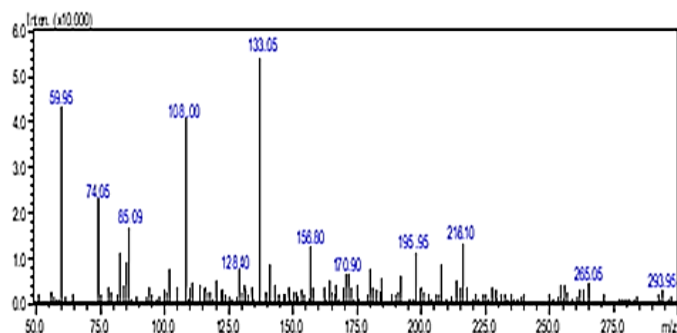


E. Peak retention time 7.8 Mismatch to Uracil (75.6%)



F. MS analysis

Peak 7.8 min present study



108.08	M+2ACN+2H	M/2 + 42.033823	2+
133.09	M+H	M + 1.007276	1+
156.80	M+Na	M + 22.989218	1+
196.95	M+ACN+Na	M + 64.015765	1+
265.05	2M+H	2M + 1.007276	1+

Figure S1. Absorbance spectrum analysis of peak similarity for 5-FU (A), Uracil (B), 5FdUMP (C). Mismatch of extra peak with a retention time of 7.8 to both 5-FU (D), Uracil (E) and MS analysis (F).