



**Figure 8 : Chromatogram of intermediate precision**

The chromatogram show a good separation of the two drugs (esomeprazole and tadalafil) with no overlapping between the peaks and this indicate a good intermediate precision.

### **3.3 Linearity**

A series of standards in different concentrations of the main concentration were prepared to evaluate the linearity. After a triple analysis for each sample, a linear analysis was observed on average peak areas versus the concentrations of level studied. Also LOD and LOQ values were measured for both drugs.

The results for esomeprazole and tadalafil are listed in table (10,11).