Table 3.1. The best chromatographic conditions for simultaneous measurement of amlodipine, atorvastatin and glimepiride.

Column	BDS Hypersil C18 (PART NO 28205-254630) BIM. (mm) 250*4.6 particle Sz (u) 5
Solvent system (mobile phase)	950 D.W , 600 ml ACN , 600 ml Methanol, adjusted at 8 PH
Detection	UV detector 237 nm
Injection volume	10 µl
Flow rate	1.5 ml\min
Oven Temperature	25°c
Retention times* Amlodipine Glimepiride Atorvastatin	 6.2-7.8 min 8.0-8.9 min 10.4-11.2 min

3.3. Identification

The purpose of identification is to find out the result of each drug under the chromatographic conditions that mentioned before.

3.3.1. Amlodipine

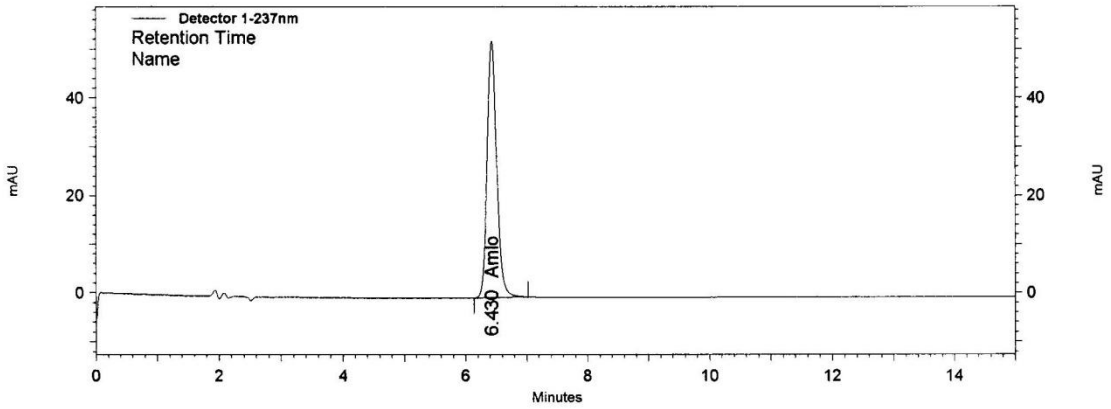

Figure 3.2: The chromatogram of a sample containing amlodipine under the chromatographic conditions.