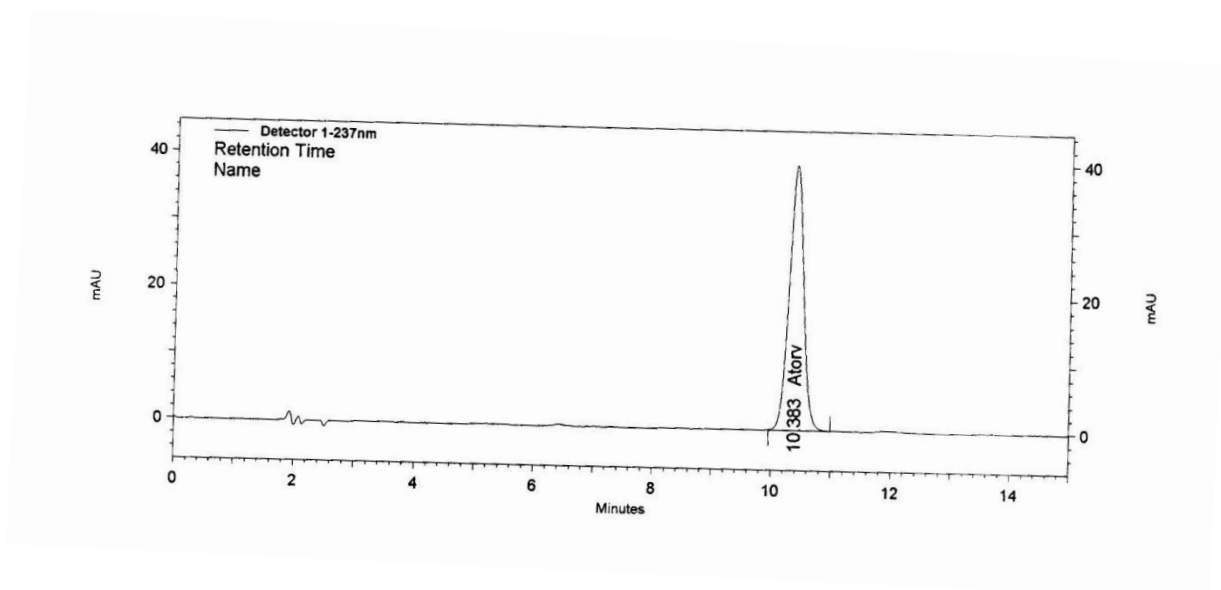### 3.3.3 Atorvastatin

Figure 3.4: The chromatogram of a sample containing atorvastatin under the chromatographic conditions.

Table 3.4 Parameters for diluent-containing atorvastatin (conc. =0.05)

Parameters	Atorvastatin
Area	689941
Theoretical plates	8814
Asymmetry	1.10

3.4. Precision

3.4.1. System precision

The purpose of system precision is to find the degree of agreement between individual test results when the procedure is applied repeatedly to multiple injections (10 injections) of the same homogenous sample. The RSD% values were below 2% indicating good system suitability and the initial and final retention times of each do not overlap indicating good resolution (Table 3.5, Fig. 3.5).