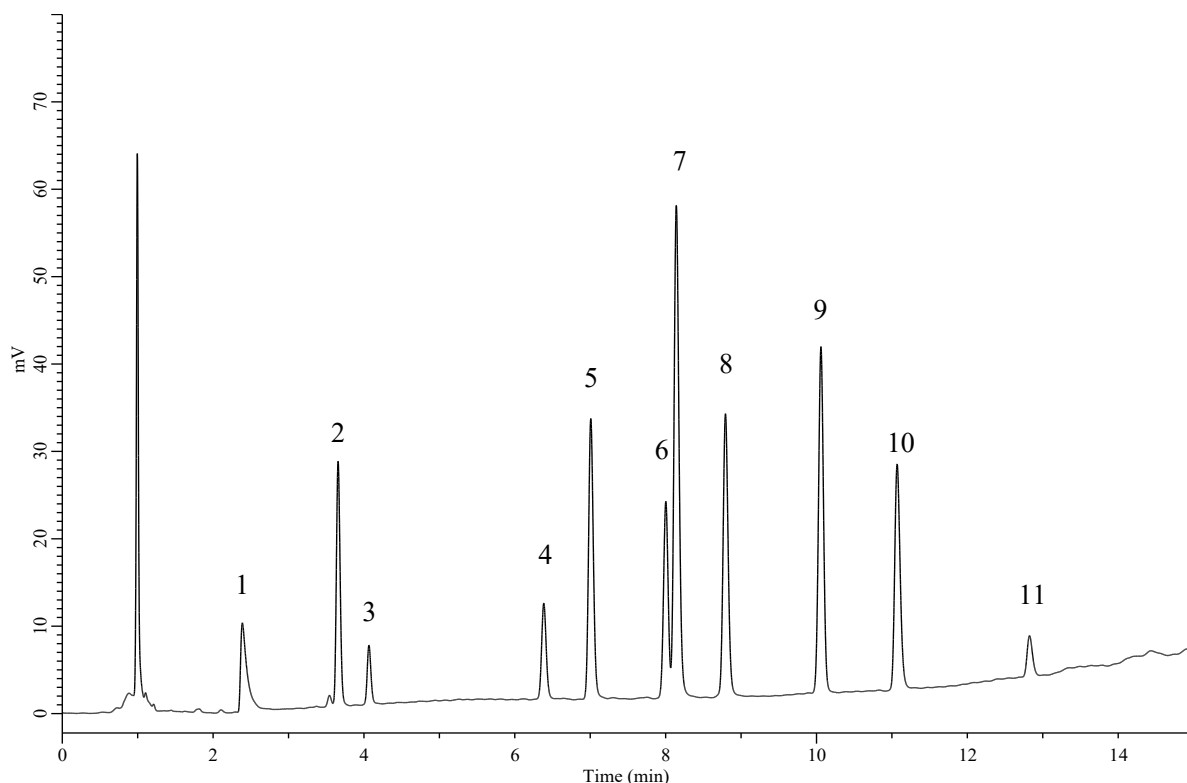


Analysis of Antihistamines



Conditions

Column : Inertsil Hybrid-C18 (GL Sciences Inc.)
(3.5 μm , 150 x 2.1 mm I.D.)

Column Cat. No. : 5020-76030

Eluent : A) 10 mM HCOONH_4 + 50 mM NH_3 in ($\text{CH}_3\text{CN}/\text{H}_2\text{O}$ = 90/10, v/v)
B) 10 mM HCOONH_4 + 50 mM NH_3 in H_2O

Time (min)	A (vol %)	B (vol %)
0	40	60
15	100	0

Flow Rate : 0.3 mL/min

Col. Temp. : 40 $^\circ\text{C}$

Detection : UV 240 nm

Injection Vol. : 1 μL

Analyte:

1. Epinastine
2. Cetirizine
3. Fexofenadine
4. Chlorpheniramine
5. Ketotifen
6. Hydroxyzine
7. Triprolidine
8. Azelastine
9. Loratadine
10. Homochlorcyclizine
11. Clemastine
(100 mg/L each)