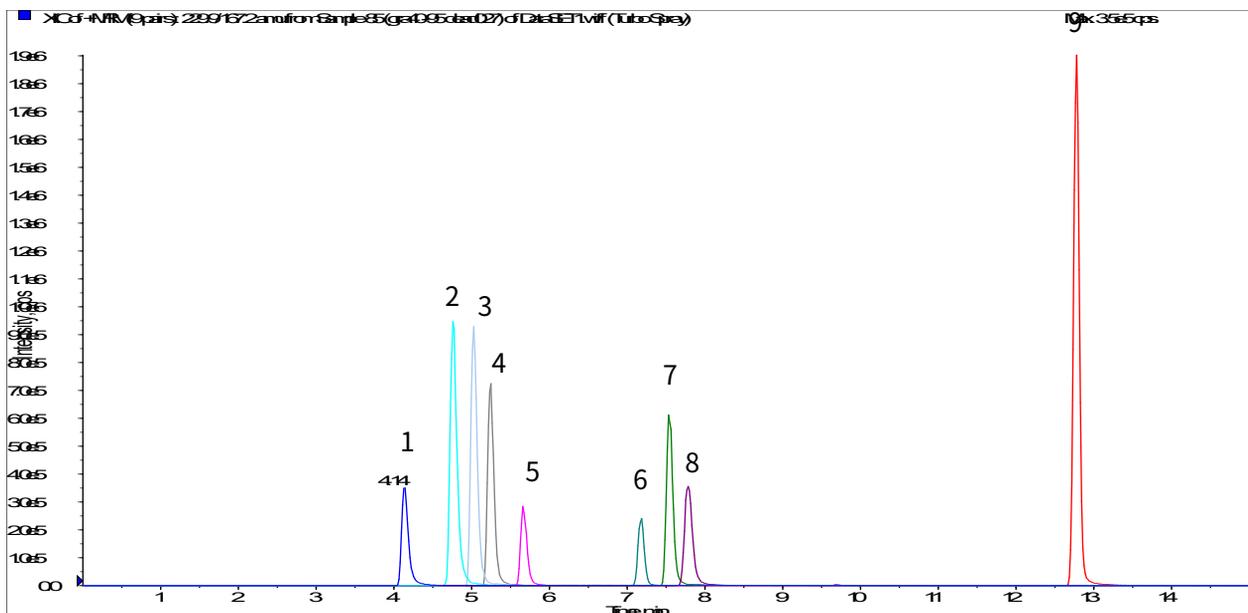


InertSearch™ for LC

Inertsil® Applications

Analysis of Histamine antagonists

Data No. LA678-0811



Conditions

System : LC800 HPLC system
4000 Q TRAP®

Column : Inertsil ODS-4 (3 µm, 150 x 2.1 mm I.D.)

Column Cat. No. : 5020-04015

Eluent : A) CH₃OH
B) 2 mM CH₃COONH₄
A/B = 40/60 – 10 min – 95/5 – 2 min – 95/5, v/v

Flow Rate : 0.2 mL/min

Col. Temp. : 40 °C

Detection : LC/MS/MS (4000Q TRAP™: ESI, Positive, MRM)

Injection Vol. : 10 µL

Analyte

1. Chlorpheniramine (0.1 mg/L)

2. Cinnarizin (0.1 mg/L)

3. Clemastine (0.1 mg/L)

4. Difenidol (0.1 mg/L)

5. Diphenhydramine (0.1 mg/L)

6. Diphenylpyraline (0.1 mg/L)

7. Hydroxyzine (0.1 mg/L)

8. Promethazine (0.1 mg/L)

9. Triprolidine (0.1 mg/L)