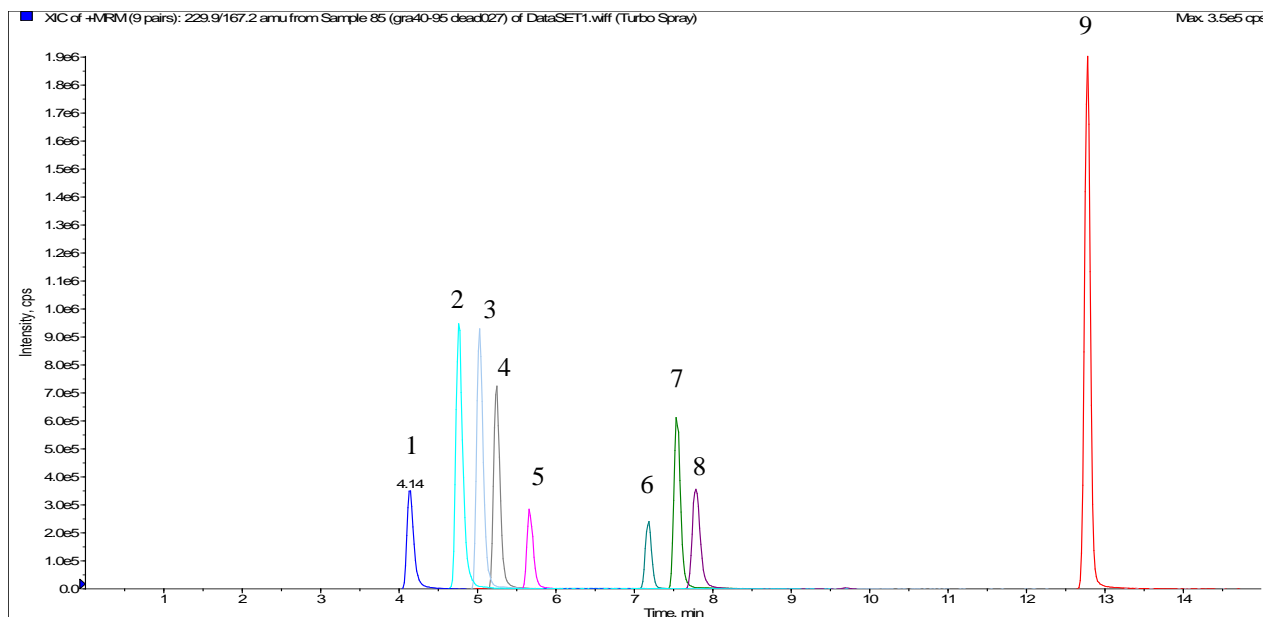


## Analysis of Histamine antagonists



### 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) CH<sub>3</sub>OH  
 B) 2 mM CH<sub>3</sub>COONH<sub>4</sub>  
 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)