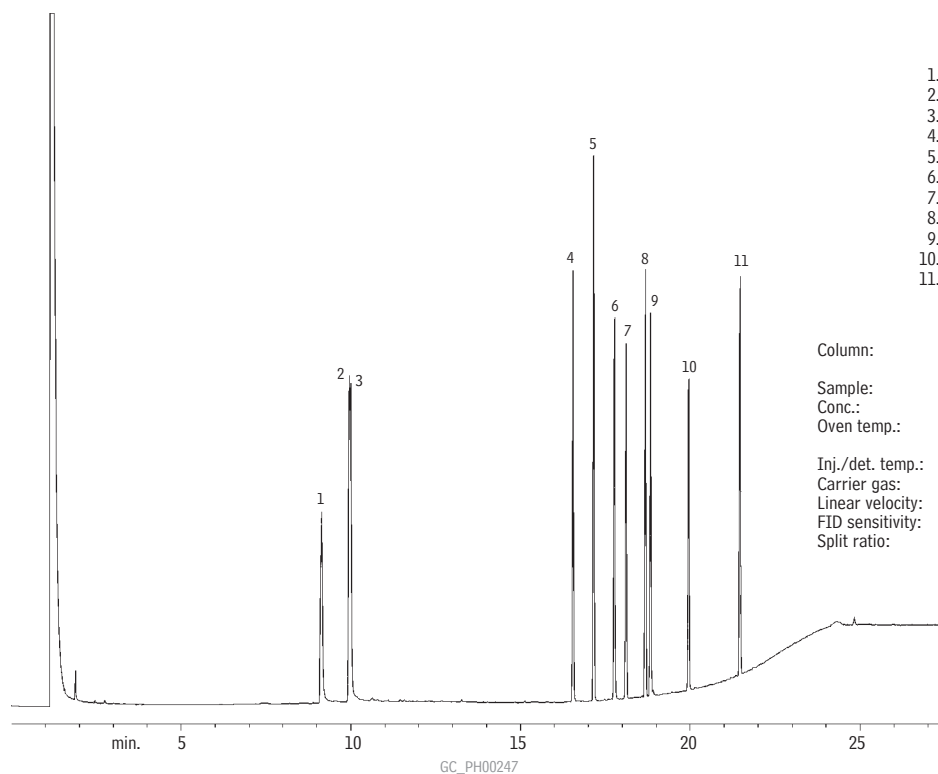


## Underivatized Antihistamines (Basic Drugs)

### Rtx®-5 Amine



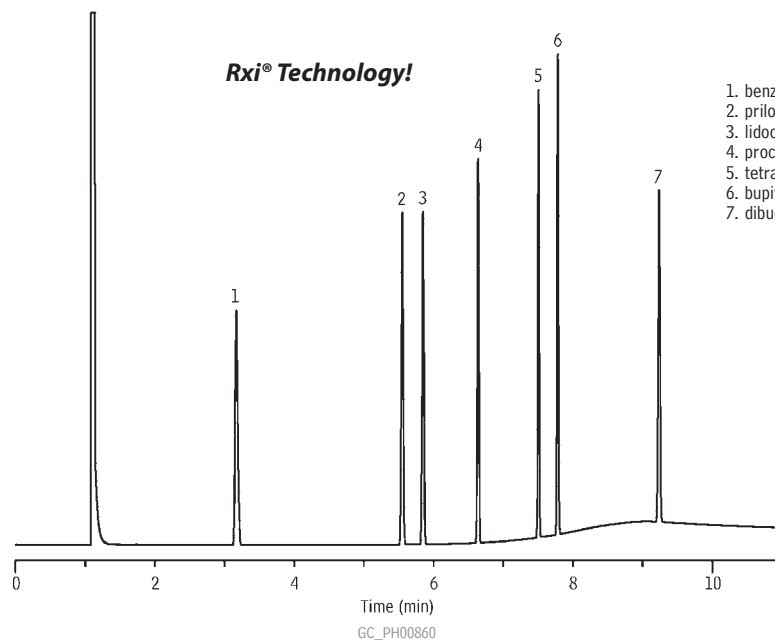
1. phenylpropanolamine
2. ephedrine
3. pseudoephedrine
4. pheniramine
5. diphenhydramine
6. doxylamine
7. phenyltoloxamine
8. methapyrilene
9. chlorpheniramine
10. brompheniramine
11. triprolidine

Column: Rtx®-5 Amine, 30m, 0.32mm ID, 1.0µm (cat.# 12354)  
 Sample: 1.0µL split injection of antihistamines  
 Conc.: 1000ng/µL  
 Oven temp.: 130°C (hold 5 min.) to 305°C @ 10°C/min. (hold 5 min.)  
 Inj./det. temp.: 305°C  
 Carrier gas: hydrogen  
 Linear velocity: 43cm/sec. set @ 130°C  
 FID sensitivity: 6.4 x 10<sup>-11</sup> AFS  
 Split ratio: 50:1

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## Local Anesthetics

### Rxi®-5ms



1. benzocaine
2. prilocaine
3. lidocaine
4. procaine
5. tetracaine
6. bupivacaine
7. dibucaine

Column: Rxi®-5ms, 30m, 0.53mm ID, 1.00µm (cat.# 13455)  
 Sample: 50µg/mL each component in methanol  
 Inj.: 1.0µL split (10:1), 4mm split inlet liner with wool (cat.# 20781)  
 Inj. temp.: 250°C  
 Carrier gas: helium, constant flow  
 Flow rate: 5.0mL/min.  
 Oven temp.: 200°C (hold 4 min.) to 320°C @ 30°C/min. (hold 3 min.)  
 Det.: FID @ 300°C

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