

## Amines & Phenols Rtx®-5 Amine

30m, 0.32mm ID, 1.0 $\mu$ m Rtx®-5 Amine (cat.# 12354)  
1.0 $\mu$ L split injection of miscellaneous amines and phenols in water  
On-column conc.: 22ng

Oven temp.: 120°C to 220°C @ 10°C/min.  
Inj. & det. temp.: 305°C  
Carrier gas: hydrogen  
Linear velocity: 38cm/sec. set @ 120°C  
FID sensitivity: 6.4 x 10<sup>11</sup> AFS  
Split ratio: 25:1

1. diethylamine
2. pyridine
3. morpholine
4. phenol
5. aniline
6. 2-chlorophenol
7. diethylenetriamine
8. octylamine
9. 1-methyl-2-pyrrolidinone
10. 2-nitrophenol
11. 2,6-dimethylaniline
12. nicotine
13. 2-nitroaniline

