

CoreFocus
Report
No. 420

GC

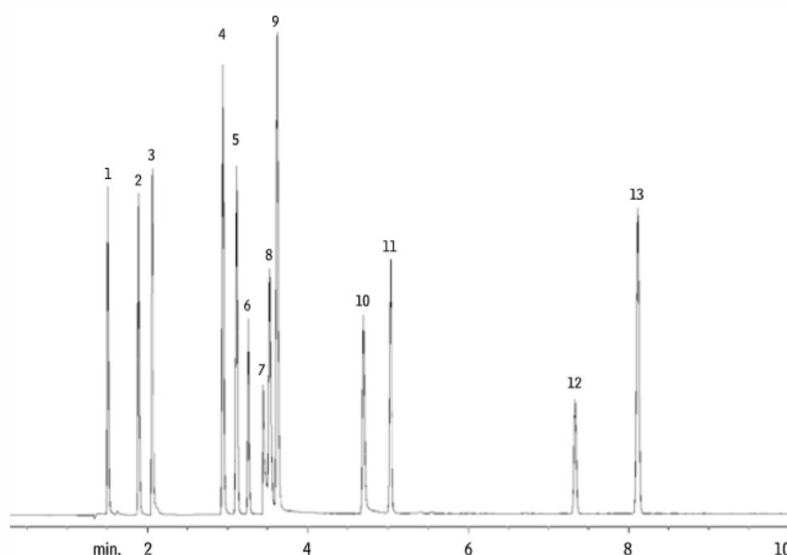
FID

SH Series

SH-5 Amine

Analysis of Amines & Phenols

Keywords: environmental analysis, food, chemical



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
- (22 ng On-column conc.)

Instrument	: GC
Column	: SH-5 Amine (30 m x 0.32 mm I.D. df = 1.00 μm), P/N: 227-36290-01
Column Temp.	: 120 °C -10 °C/min - 220 °C
Inj. Vol.	: 1 μL
Split Ratio	: 1:25
Inj. Temp	: 305 °C
Detector	: FID, 305 °C
FID sensitivity	: 6.4 x 10 ⁻¹¹ AFS
Carrier Gas	: H ₂ , linear velocity 38 cm/s set at 120 °C

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