

Amines and Nitriles

Column: DB-5ms

30 m x 0.25 mm I.D., 0.5 µm

J&W P/N: 122-5536

Carrier: Helium at 22 cm/sec,

measured at 40°C

Oven: 40°C for 1 min

40-260°C at 10°/min

Injector: Split 1:50, 250°C

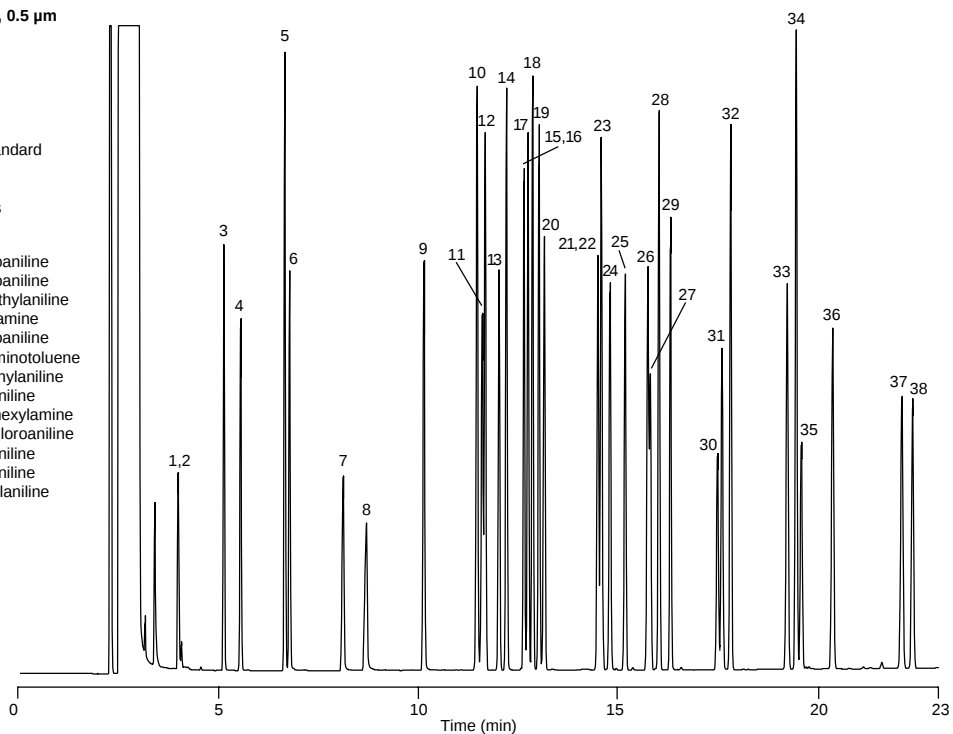
1 µL of 100 ng/µL standard

in methanol

Detector: FID, 300°C

Nitrogen makeup gas
at 30 mL/min

- | | |
|-------------------------------------|--------------------------------|
| 1. Diethylamine | 26. 3-Chloroaniline |
| 2. Propionitrile | 27. 4-Chloroaniline |
| 3. Diisopropylamine | 28. <i>N,N</i> -Diethylaniline |
| 4. Triethylamine | 29. <i>n</i> -Decylamine |
| 5. Pyridine | 30. 4-Bromoaniline |
| 6. Pyrimidine | 31. 3,4-Diaminotoluene |
| 7. Pyrazole | 32. 2,6-Diethylaniline |
| 8. Acrylamide | 33. 2-Nitroaniline |
| 9. Pyridazine | 34. Dicyclohexylamine |
| 10. Aniline | 35. 3,4-Dichloroaniline |
| 11. 3-Bromopyridine | 36. 3-Nitroaniline |
| 12. Benzonitrile | 37. 4-Nitroaniline |
| 13. 3-Cyanopyridine | 38. Diphenylaniline |
| 14. Benzylamine | |
| 15. <i>n</i> -Octylamine | |
| 16. 1-Methyl-2-pyrrolidine | |
| 17. <i>N,N</i> -Dimethylbenzylamine | |
| 18. Phenylethylamine | |
| 19. <i>N</i> -Benzylmethylamine | |
| 20. 2-Cyanopyridine | |
| 21. 2-Chloroaniline | |
| 22. <i>n</i> -Nonylamine | |
| 23. 2,4-Dimethylaniline | |
| 24. 4-Chlorobenzonitrile | |
| 25. 2,6-Dimethylaniline | |



C399

made by an elf who said it was "amines to an end"