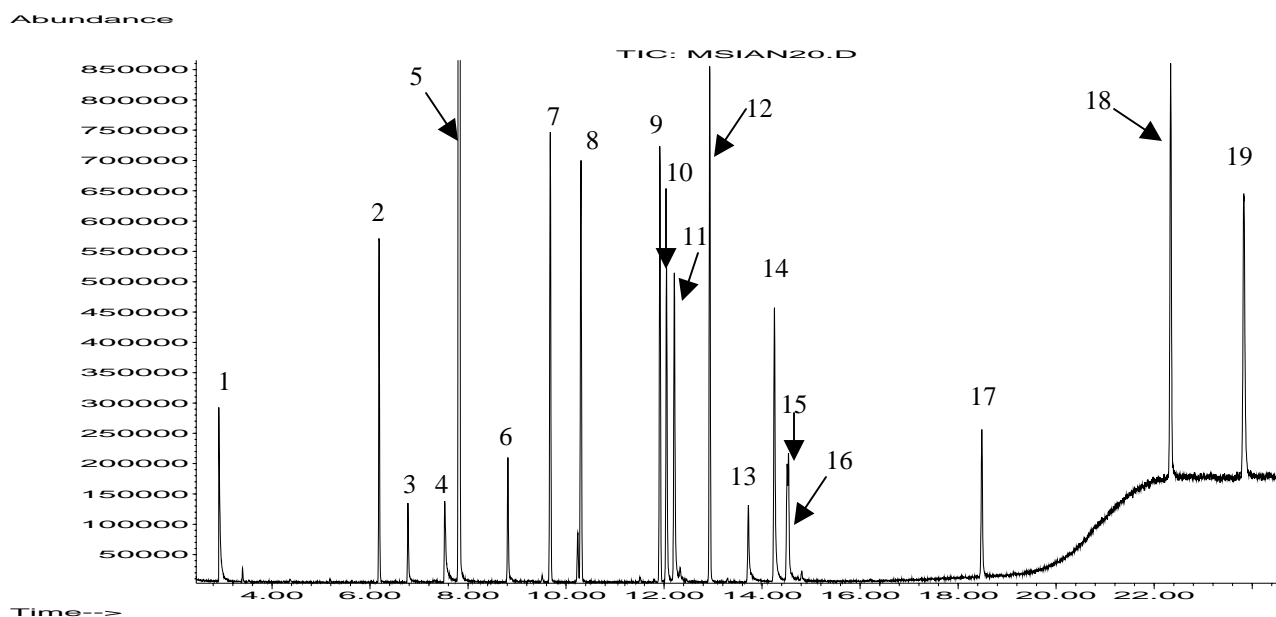


Semivolatile Amines on HP-5MSi at 1 ng On-Column



Amines Mixture

- 1 2-Picoline
- 2 Acetophenone
- 3 N-Nitrosopiperidine
- 4 a,a-Dimethylphenethylamine
- 5 Naphthalene (IS)
- 6 N-Nitrosodi-n-butylamine
- 7 1,2,4,5-Tetrachlorobenzene
- 8 1-Chloronaphthalene
- 9 Pentachlorobenzene
- 10 1-Naphthylamine
- 11 2-Naphthylamine
- 12 4-Aminobiphenyl
- 13 Phenacetin
- 14 Diphenylamine
- 15 Pentachloronitrobenzene
- 16 Pronamide
- 17 p-Dimethylaminoazobenzene
- 18 7,12-Dimethylbenz[a]anthracene
- 19 3-Methylcholanthrene

GC/MS Conditions

Column: HP-5MSi
30 m x 0.25 mm id x 0.25 μ m
Carrier Gas: He, 1.3 ml/min
Injector: 0.5 μ l, Cool on-Column, Oven Track
Oven: 50°C (1 min), 12°C/min to 250°C (1 min)
250°C to 300°C at 25°C/min (10 min)
Detector: MSD, 280°C, Scan 50-400 amu