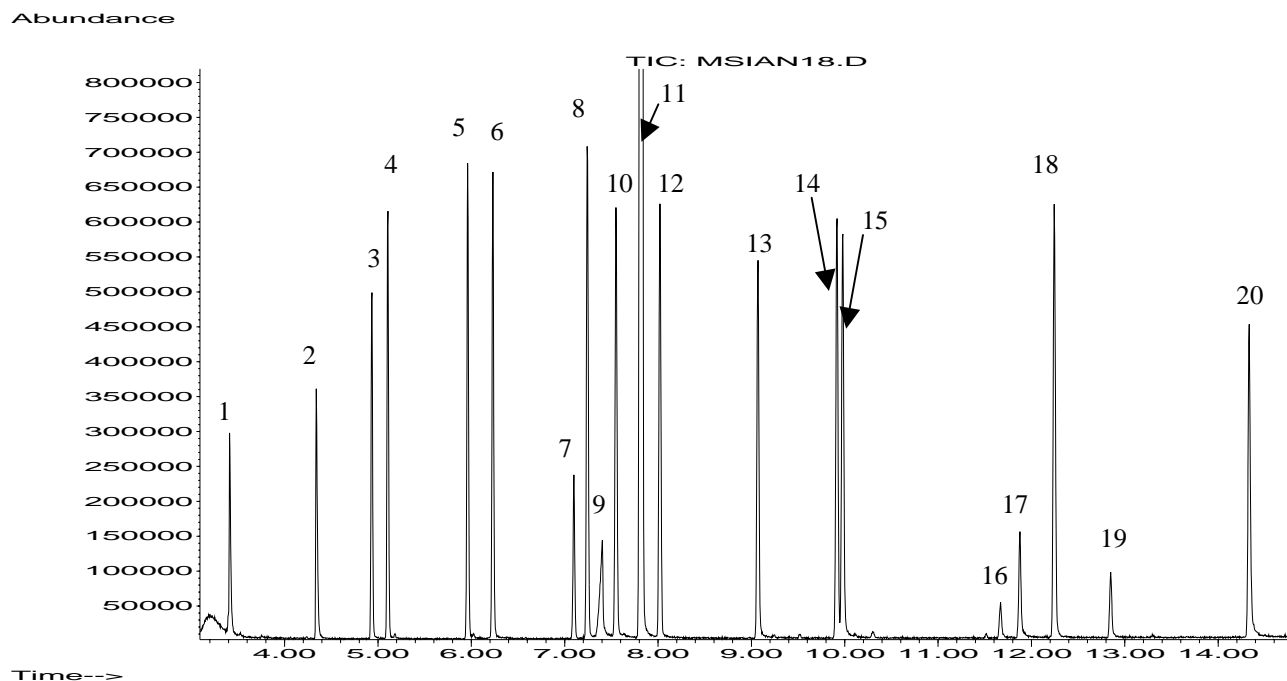


Semivolatile Acids on HP-5MSi at 1 ng On-Column



Acid Mixture

- 1 Methyl methanesulfonate
- 2 Ethyl methanesulfonate
- 3 Phenol
- 4 2-Chlorophenol
- 5 o-Cresol
- 6 p-Cresol
- 7 2-Nitrophenol
- 8 2,4-Dimethylphenol
- 9 Benzoic acid
- 10 2,4-Dichlorophenol
- 11 Naphthalene (IS)
- 12 2,6-Dichlorophenol
- 13 4-Chloro-3-methylphenol
- 14 2,4,6-Trichlorophenol
- 15 2,4,5-Trichlorophenol
- 16 2,4-Dinitrophenol
- 17 4-Nitrophenol
- 18 2,3,4,6-Tetrachlorophenol
- 19 4,6-Dinitro-2-methylphenol
- 20 Pentachlorophenol

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