

GC Application

ID No.: 20579

Phenols on Zebron ZB-SemiVolatiles

Column: Zebron[™] ZB-SemiVolatiles, GC Cap. Column 30 m x 0.25 mm x 0.25 μ m, Ea

Phase: 5% Phenyl-Arylene 95% Dimethylpolysiloxane (Enviro-Inert)

Dimensions: 30 meters x 0.25 mm x 0.25 μ m

Order No: 7HG-G027-11

Oven Profile: 40 °C for 0.5 min to 260 °C @ 30 °C/min to 295 °C @ 6 °C/min to 325 °C @ 25 °C/min for 2 min

Carrier Gas: Constant Flow Helium, 1.4 mL/min

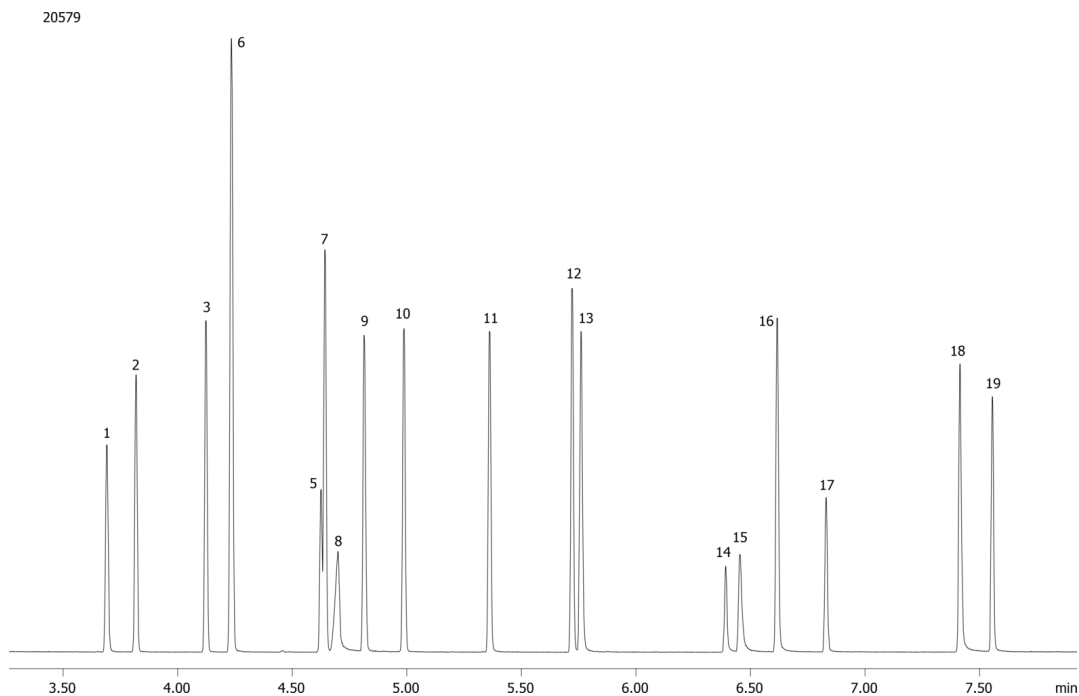
Injection: Split 10:1 1 μ L @ 280°C

Detection: Mass Selective (MSD) (340°C)

Analyst Note: Analytes @ 25ppm in Dichloromethane
Pulsed Split injection @ 25 p.s.i.
Liner: AG0-8499 (Single Taper with Wool)
Septum: AG0-4697 (PhenoRed[™]-400)
Inlet Base Seal: AG0-8620 (Easy Seals[™])



Products used in this application:



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ANALYTES:

- 1 Phenol
- 2 2-Chlorophenol
- 3 2-Methylphenol
- 4 4-Methylphenol
- 5 3-Methylphenol
- 6 2-Nitrophenol
- 7 2,4-Dimethylphenol
- 8 Benzoic acid
- 9 2,4-Dichlorophenol
- 10 2,6-Dichlorophenol
- 11 4-Chloro-3-methylphenol
- 12 2,4,6-Trichlorophenol
- 13 2,4,5-Trichlorophenol
- 14 2,4-Dinitrophenol
- 15 4-Nitrophenol
- 16 2,3,4,6-Tetrachlorophenol
- 17 2-Methyl-4,6-dinitrophenol
- 18 Pentachlorophenol
- 19 Dinoseb

