

GC Application

ID No.: 14955

Phenols on ZB-5MS

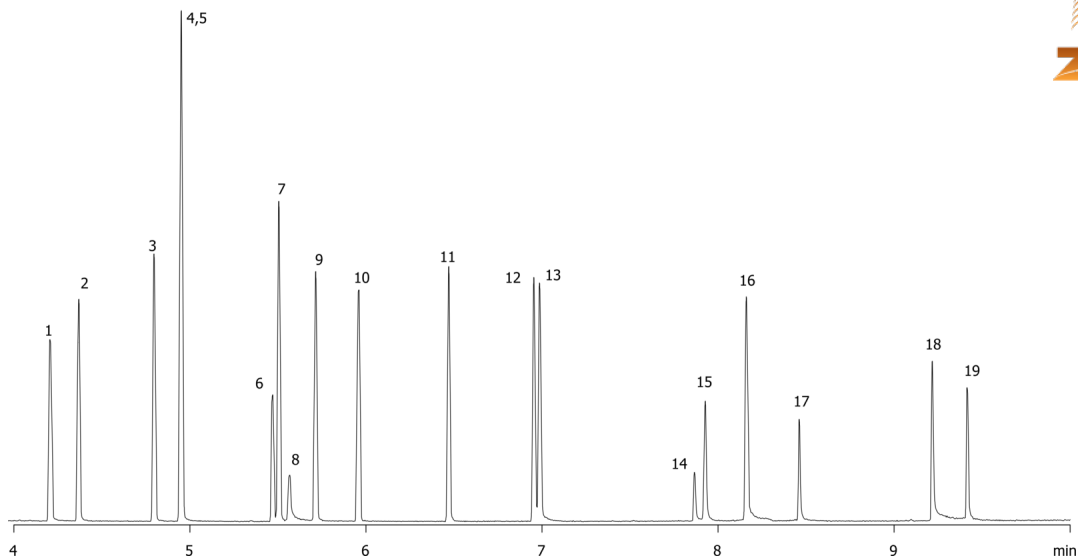
Column: Zebtron[™] ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea
Phase: 5% Phenyl-Arylene 95% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.25 µm
Order No: 7HG-G010-11
Oven Profile: 40°C for 0.5 min to 220°C at 22°C/min to 325°C at 35°C/min for 3 min

Carrier Gas: Constant Flow Helium, 1.4 mL/min
Injection: split 10:1 1 µL @ 250°C
Detection: Mass Selective (MSD) (240°C)

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Products used in this application:



Phenols on ZB-5MS

ANALYTES:

- 1 Phenol
- 2 2-Chlorophenol
- 3 2-Methylphenol
- 4 3-Methylphenol
- 5 4-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 4,6-Dinitro-2-methylphenol
- 18 Pentachlorophenol
- 19 Dinoseb

