

GC Application

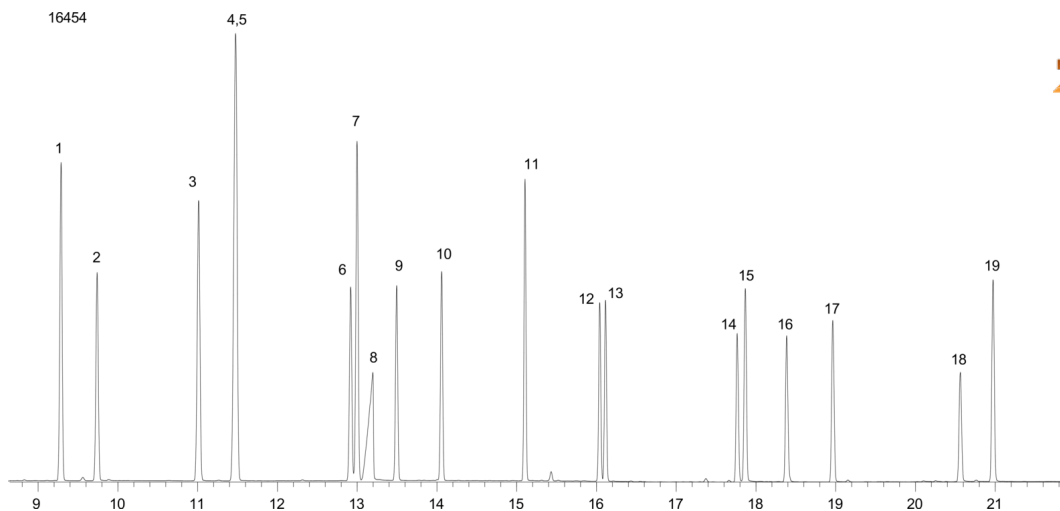
ID No.: 16454

8270 Phenols Mix on ZB-5MSi

Column: Zebtron™ ZB-5MSi, GC Cap. Column 30 m x 0.25 mm x 0.50 μm, Ea
Phase: 5% Phenyl 95% Dimethylpolysiloxane
Dimensions: 30 meters x 0.25 mm x 0.5 μm
Order No: 7HG-G018-17
Oven Profile: 40 °C for 2 min to 90 °C @ 15 °C/min to 120°C at 5°C/min to 180°C at 15°C/min to 280°C at 10°C/min.
Carrier Gas: Constant Flow Helium, 1.5 mL/min
Injection: On-Column 0:1 1 μL @ 240°C
Detection: Mass Selective (MSD) (230°C)
Analyst Note: Analytes 10ppm in methylene chloride



Products used in this application:



8270 Phenols Mix on ZB-5MSi

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

