# GC Application





### 8270 Phenols Mix on ZB-5MSi

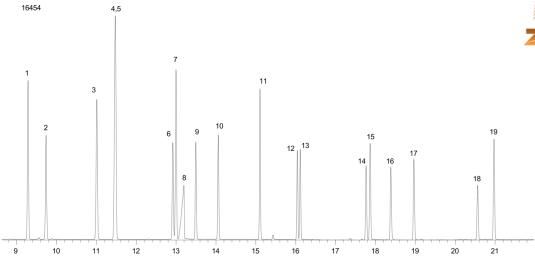
| Column:              | Zebron™ ZB-5MSi, GC Cap. Column 30 m x 0.25 mm x 0.50 µm, Ea  |
|----------------------|---|
| Phase:               | 5% Phenyl 95% Dimethylpolysiloxane  |
| Dimensions:          | 30 meters x 0.25 mm x 0.5 μm  |
| Order No:            | 7HG-G018-17   |
| <b>Oven Profile:</b> | 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. |
| <b>Carrier Gas:</b>  | 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:





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## GC Application ID No.: 16454

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#### **ANALYTES:**

- 1 Phenol
- 2 2-Chlorophenol
- 3 2-Methylphenol
- 4-Methylphenol 4
- 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

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