# GC Application



### Phenol mix on ZB-MR1

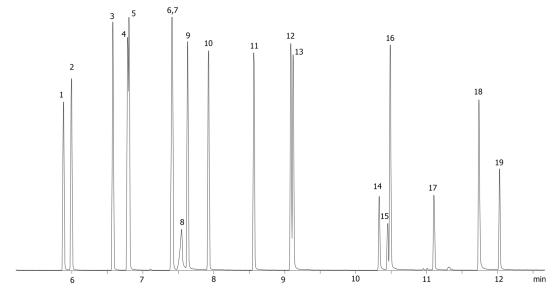
Column:	Zebron™ ZB-MultiResidue™-1, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea		
Phase:	Proprietary Pesticides Phase		
Dimensions:	30 meters x 0.25 mm x 0.25 μm		
Order No:	7HG-G016-11		
<b>Oven Profile:</b>	40°C for 2 min to 320°C @ 20°C/min for 5 min		
Carrier Gas:	Constant Flow Helium, 1 mL/min		
Injection:	Split 5:1 1 µL @ 240°C		
Detection:	Mass Selective (MSD) (320°C)	Products	

Analyst Note: 25ppm 8270C phenol mix in Methylene chloride

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#### **ANALYTES:**

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

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