### 4-Nonylphenol

Data No. GA 241-0644

**Conditions**

**System**: GC-MS

**Column**: InertCap 5MS/NP  
0.25 mm I.D. x 30 m df = 0.25 μm

**Col. Cat. No.**: 1010-18642

**Col. Temp.**: 50 °C (1 min hold) - 8 °C/min - 280 °C

**Carrier Gas**: He 36.3 cm/sec

**Injection**: Splitless 1min  
250 °C

**Detection**: MS SIM  
Interface Temp. 280 °C

**Sample Size**: 1 μg/mL (Isomer Mixture) in Dichloromethane  
1 μL

**Analyte**

1. 4-(2,4-Dimethylheptan-4-yl)phenol  
   I.S.1. 4-(3,6-Dimethyl-3-heptyl)phenol

2. 4-(2,4-Dimethylheptan-2-yl)phenol  
   -ring-\(^{13}C_6\) (0.1 μg/mL)

3. 4-(3,6-Dimethylheptan-3-yl)phenol  
   I.S.2. 4-n-Nonylphenol-d4 (0.1 μg/mL)

4. 4-(3,5-Dimethylheptan-3-yl)phenol

5. 4-(2,5-Dimethylheptan-2-yl)phenol

6. 4-(3,5-Dimethylheptan-3-yl)phenol

7. 4-(3-Ethyl-2-methylhexane-2-yl)phenol

8. 4-(3,4-Dimethylheptan-4-yl)phenol

9. 4-(3,4-Dimethylheptan-3-yl)phenol

10. 4-(3,4-Dimethylheptan-4-yl)phenol

11. 4-(2,3-Dimethylheptan-2-yl)phenol

12. 4-(3-Methyloctan-3-yl)phenol

13. 4-(3,4-Dimethylheptan-3-yl)phenol
4-Nonylphenol

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InertSearch™ for GC
InertCap® Applications

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