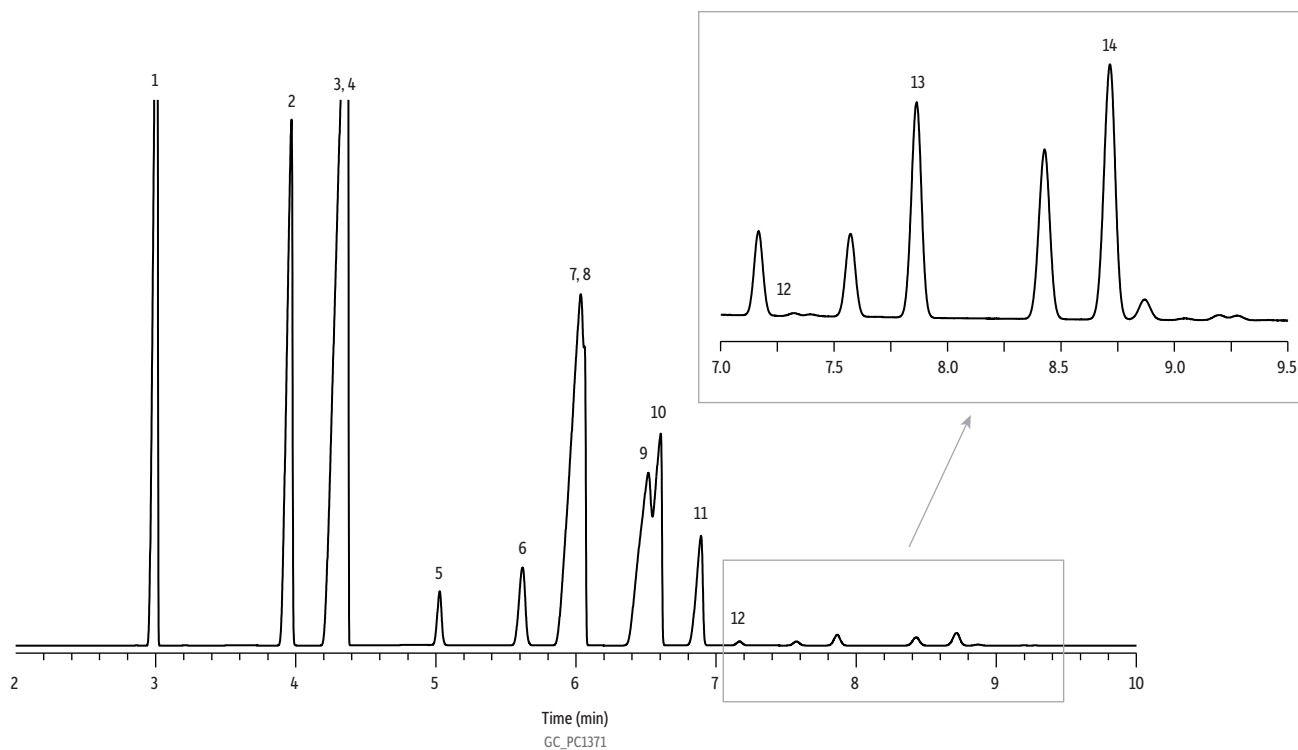


Phenols in Cresylic Acid (ASTM D5310) on Rxi-5ms



- Peaks**
1. Phenol
 2. *o*-Cresol
 3. *p*-Cresol
 4. *m*-Cresol
 5. 2,6-Xylenol
 6. *o*-Ethylphenol
 7. 2,4-Xylenol
 8. 2,5-Xylenol
 9. 3,5-Xylenol
 10. *m*-Ethylphenol
 11. 2,3-Xylenol
 12. 3,4-Xylenol
 13. 2,4,6-Trimethylphenol
 14. *m*-Isopropylphenol

Column Rxi-5ms, 30 m, 0.25 mm ID, 0.25 μ m (cat.# 13423)
Sample Cresylic acid
Conc.: Neat
Injection
 Inj. Vol.: 1 μ L split (split ratio 100:1)
 Liner: Topaz 4.0 mm ID Precision inlet liner w/ wool (cat.# 23305)
 Inj. Temp.: 250 $^{\circ}$ C
Oven
 Oven Temp.: 105 $^{\circ}$ C (hold 20 min) to 300 $^{\circ}$ C at 20 $^{\circ}$ C/min
Carrier Gas He, constant flow
Flow Rate: 1.5 mL/min
Detector FID @ 300 $^{\circ}$ C
Instrument Agilent 7890B GC