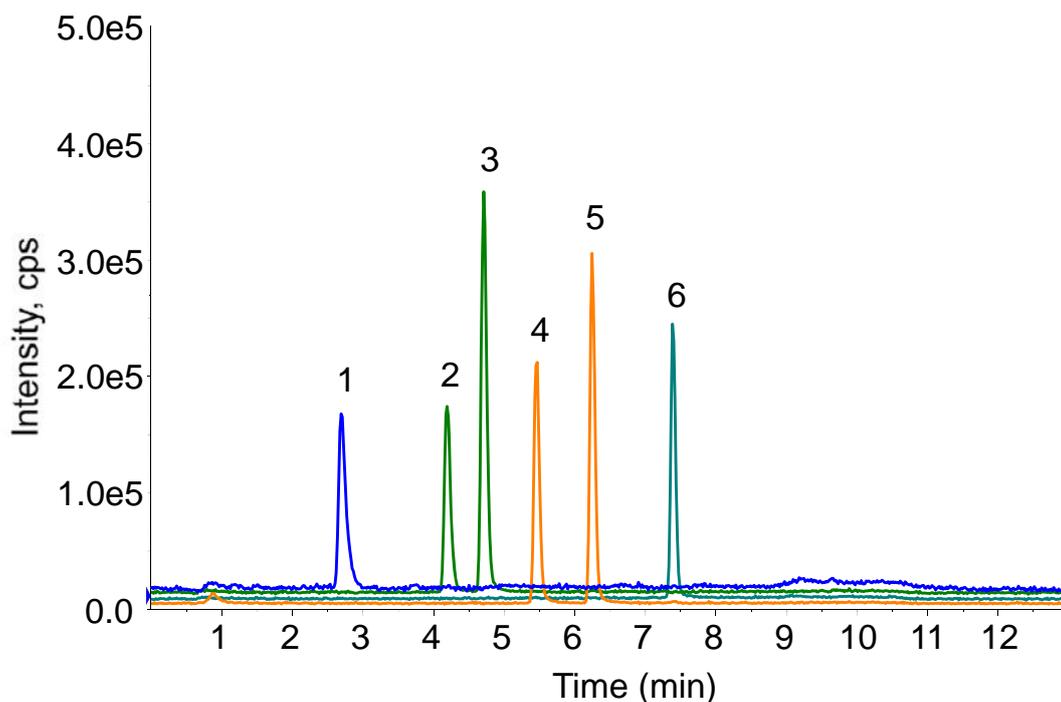


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Chlorophenol

Data No. LB260-0811



### Conditions

**System** : LC800 HPLC system  
**Column** : InertSustain C18 HP  
(3  $\mu$  m, 100 x 2.1 mm I.D.)

**Column Cat. No.** : 5020-14414

**Eluent** : A) CH<sub>3</sub>OH  
B) CH<sub>3</sub>OH/H<sub>2</sub>O = 10/90, v/v

Time (min)	A (vol%)	B (vol%)
0	40	60
8	90	10
8.5	90	10
8.6	40	60
13.6	40	60

**Flow Rate** : 0.3 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : LC/MS (4000 QTRAP®: APCI, Negative, SIM)  
**Injection Vol.** : 25  $\mu$  L  
**Sample** : Standard

### Analyte:

1. Phenol
2. 2-Chlorophenol
3. 4-Chlorophenol
4. 2,6-Dichlorophenol
5. 2,4-Dichlorophenol
6. 2,4,6-Trichlorophenol  
(0.83  $\mu$  g/L in H<sub>2</sub>O each)