

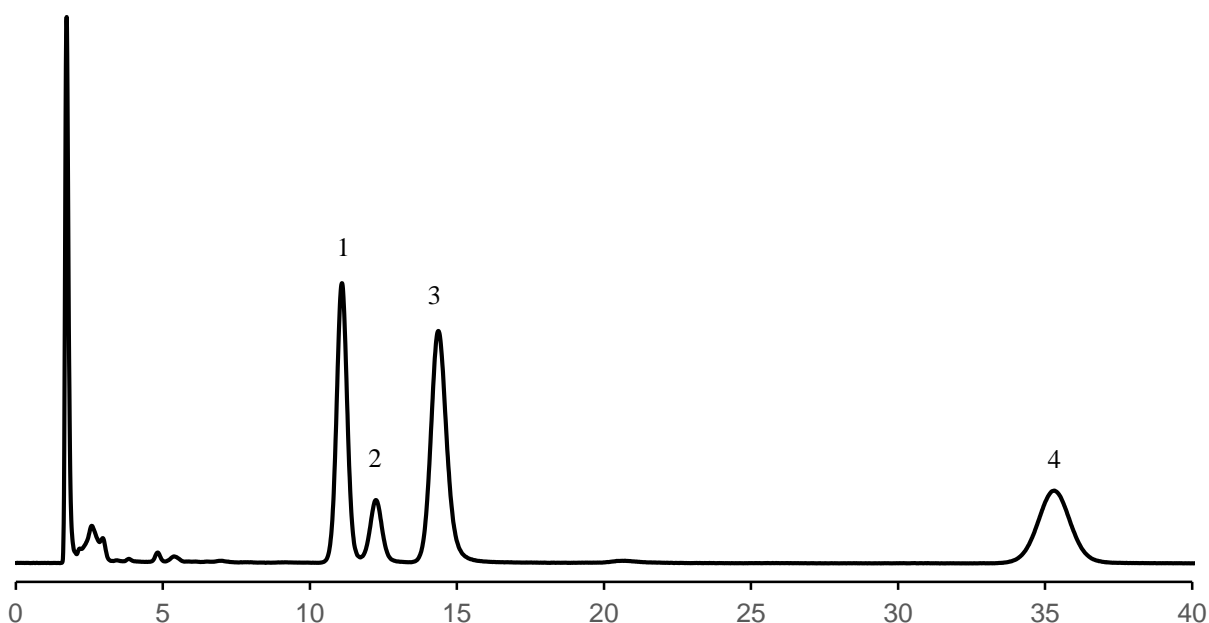
# InertSearch for LC

Inertsil Applications

## Analysis of thiols derivatized with 7-fluoro-2,1,3-benzoxadiazole-4-sulfonate (SBD-F)

Data No. LL034-0000

*The chromatogram was provided by Dr. Makoto Tsunoda,  
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### Conditions

**Column** : InertSustain Amide  
(5  $\mu$  m, 150 x 3.0 mm I.D.)

**Column Cat. No.** : 5020-88615

**Eluent** : A) CH<sub>3</sub>CN  
B) 120 mM HCOONH<sub>4</sub> in H<sub>2</sub>O (pH 3.0, HCOOH)  
A/B = 81/19, v/v

**Flow rate** : 0.4 mL/min

**Col. Temp.** : 35 °C

**Detection** : FL Ex 375 nm Em 510 nm

**Injection Vol.** : 5  $\mu$  L

**Sample** : Standard solution derivatized with SBD-F

### Analyte:

1. Homocysteine (Hcy)  
2. Cysteine (Cys)  
3. Cysteinylglycine (CysGly)  
4. Glutathione (GSH)  
(1  $\mu$  mol/L each)