

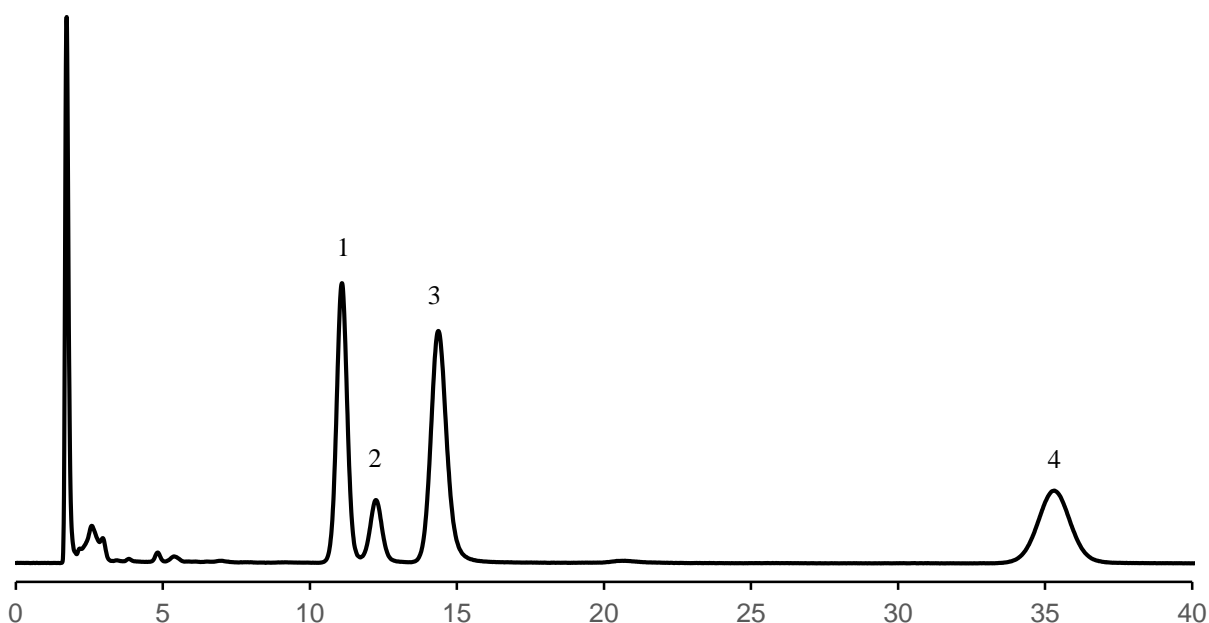
InertSearch for LC

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 μ m, 150 x 3.0 mm I.D.)
Column Cat. No. : 5020-88615
Eluent : A) CH₃CN
B) 120 mM HCOONH₄ in H₂O (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 μ L
Sample : Standard solution derivatized with SBD-F

Analyte:

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