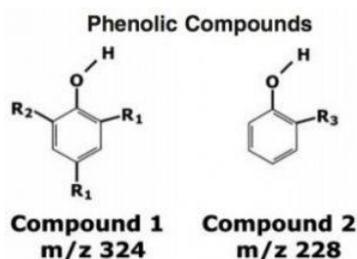
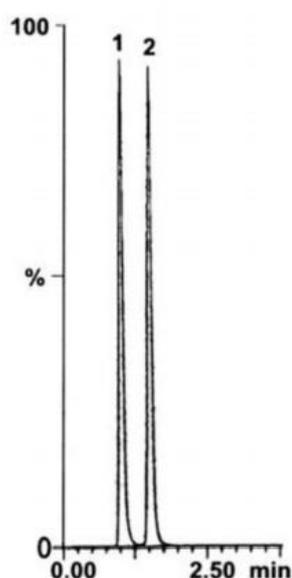


Phenolic Analogs Analyzed with LCMS - AppNote

Separation by Functional Groups with Normal Phase Solvents on a C18

Two proprietary compounds, which are precursors for a catalyst or Prodrugs are analyzed using a C18 Column under Normal Phase conditions. Separation of the two compounds is extremely reproducible (%RSD 0.1) and is very easy. The amount of moisture in your Mobile Phase is not an issue with this Method.



Peaks: 1. Compound 1, 2. Compound 2

Method Conditions

Column: Cogent Bidentate C18™, 4 μm, 100 Å

Catalog No.: 40018-75P

Dimensions: 4.6 x 75 mm

Mobile Phase: 95% Hexane / 5% Ethyl Acetate

Injection vol.: 1 μL

Flow rate: 1 mL / minute

Detection: Mass Spectrometer - Atmospheric Pressure Chemical Ionization in positive mode: APCI+

Single Ion Monitoring

Sample Preparation: 1 mg / mL of proprietary compound. 1 (m/z 324) and 2 (m/z 228) dissolved in the Mobile Phase.

Notes: Because silanols on the Silica surface are substituted with Si-H, Water is not retained by the Stationary Phase, so drying of all the Solvents is not essential and analyses are very reproducible.



Attachment No 23 Substituted Phenols Analyzed with HPLC pdf 0.2 Mb [Download File](#)

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