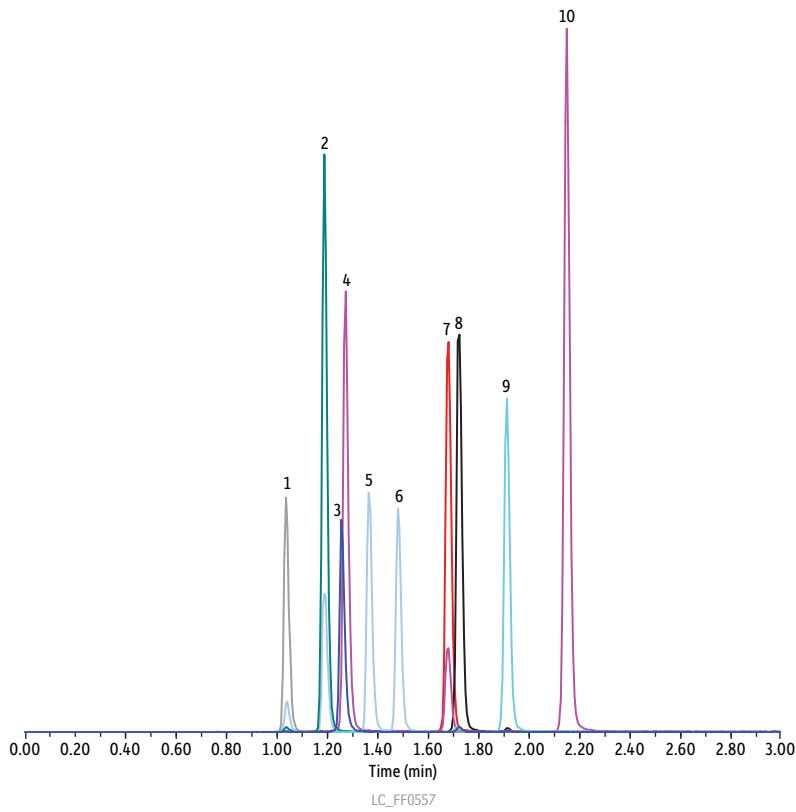


Flavonols on Raptor™ C18 by LC-MS/MS



| Peaks | t _R (min) | Precursor Ion | Product Ion |
|-----------------|----------------------|---------------|-------------|
| 1. Rutin | 1.04 | 611.5 | 303.3 |
| 2. Quercitrin | 1.19 | 449.4 | 303.3 |
| 3. Myricetin | 1.26 | 319.3 | 153.2 |
| 4. Fisetin | 1.27 | 287.3 | 137.3 |
| 5. Morin | 1.36 | 303.3 | 153.2 |
| 6. Quercetin | 1.48 | 303.3 | 153.2 |
| 7. Kaempferol | 1.68 | 287.3 | 153.2 |
| 8. Isorhamnetin | 1.72 | 317.3 | 153.2 |
| 9. Rhamnetin | 1.91 | 317.3 | 123.3 |
| 10. Galangin | 2.15 | 271.3 | 153.2 |

Column Raptor™ C18 (cat.# 9304552)
Dimensions: 50 mm x 2.1 mm ID
Particle Size: 5 µm
Pore Size: 90 Å
Temp.: 40 °C

Sample
Diluent: 90:10 (water:acetonitrile)
Conc.: 500 ng/mL
Inj. Vol.: 5 µL

Mobile Phase
A: 0.1% Formic acid in water
B: 0.1% Formic acid in acetonitrile

| Time (min) | Flow (mL/min) | %A | %B |
|------------|---------------|----|----|
| 0.00 | 0.5 | 90 | 10 |
| 2.40 | 0.5 | 30 | 70 |
| 2.41 | 0.5 | 90 | 10 |
| 3.50 | 0.5 | 90 | 10 |

Detector MS/MS
Ion Mode: ESI+
Instrument HPLC