

Cadenza CD-C18

250 x 3 mm

Application

LC-MS: Method for simultaneous analysis of functional ingredients in rice bran oil

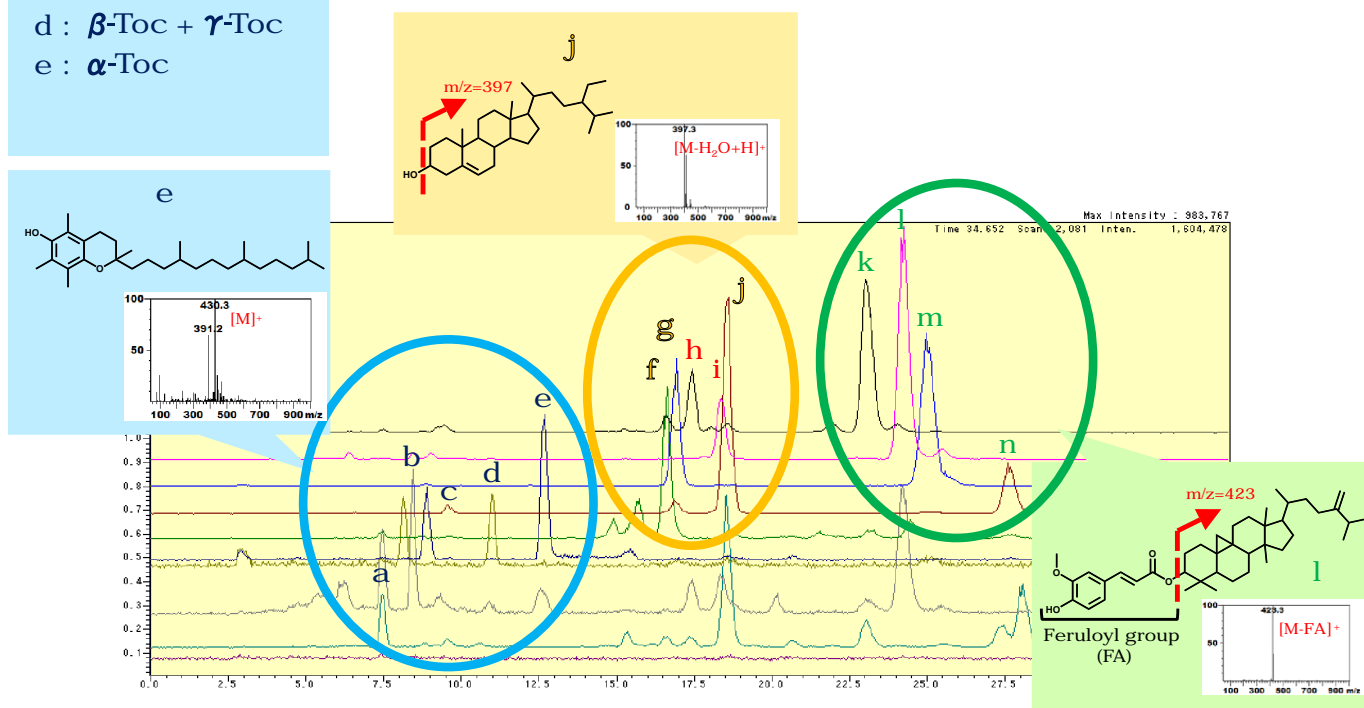
米糠油に含まれる機能性成分の網羅的分析

Tocopherol (Toc)
+
Tocotrienol (T3)

- a : β -T3 + γ -T3
- b : α -T3
- c : δ -Toc
- d : β -Toc + γ -Toc
- e : α -Toc

Phytosterol + Triterpene alcohol

- f : Stigmasterol
- g : Campesterol
- h : Cycloartenol
- i : 24-Methylenecycloartanol
- j : β -Sitosterol



Cadenza CD-C18, 250 x 3 mm
methanol / acetic acid = 99 / 1
0.45 mL/min, 40°C
[MS] APCI (+)

γ -oryzanol

- k : Cycloartenyl ferulate
- l : 24-Methylenecycloartanyl ferulate
- m : Campesteryl ferulate
- n : β -Sitosteryl ferulate

Courtesy of TSUNO FOOD INDUSTRIAL CO., LTD. (JAPAN)