

Food - Quantitative Analysis of Quaternary Ammonium Compounds (QAC) by LC/MS/MS

Column: Synergi™ 4 µm Hydro-RP 80 Å, LC Column 150 x 2 mm, Ea

Dimensions: 150 x 2 mm ID

Order No: 00F-4375-B0

Elution Type: Gradient

Eluent A: Water with 5mmol Ammonium Formate □ □ purified Water,

Eluent B: Methanol with 5mmol Ammonium Formate □ □

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	3	30	70
	3	6	15	85
	4	9	10	90
	5	20.5	10	90
	6	21	100	0
	7	32	100	0



Flow Rate: 100 µL/min

Col. Temp.: 40 °C

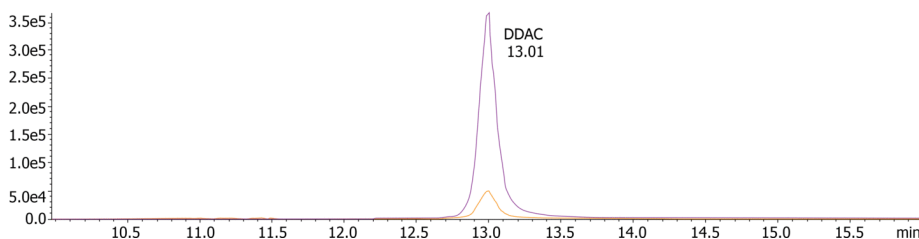
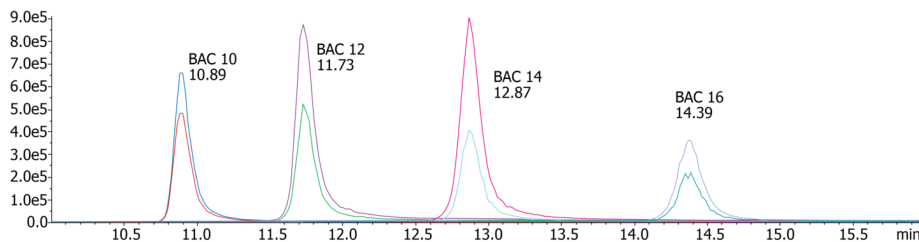
Detection: Tandem Mass Spec (MS-MS) @ (425 °C)

Detector Info: <a target="_blank"

href="https://sciex.com/products/mass-spectrometers?utm_campaign=2019%20application%20search&utm_source=phenomenex&utm_medium=referral">SCIEX<

Analyst Note: Courtesy of the laboratory CVUA Stuttgart (Scharlandstr. 3/2, 70736 Fellbach, Germany).

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ANALYTES:

- 1 BAC 10
Retention Time: 11.09 min
- 2 BAC 12
Retention Time: 11.91 min
- 3 BAC 14
Retention Time: 13.03 min
- 4 BAC 16
Retention Time: 14.42 min
- 5 DDAC
Retention Time: 13.17 min

