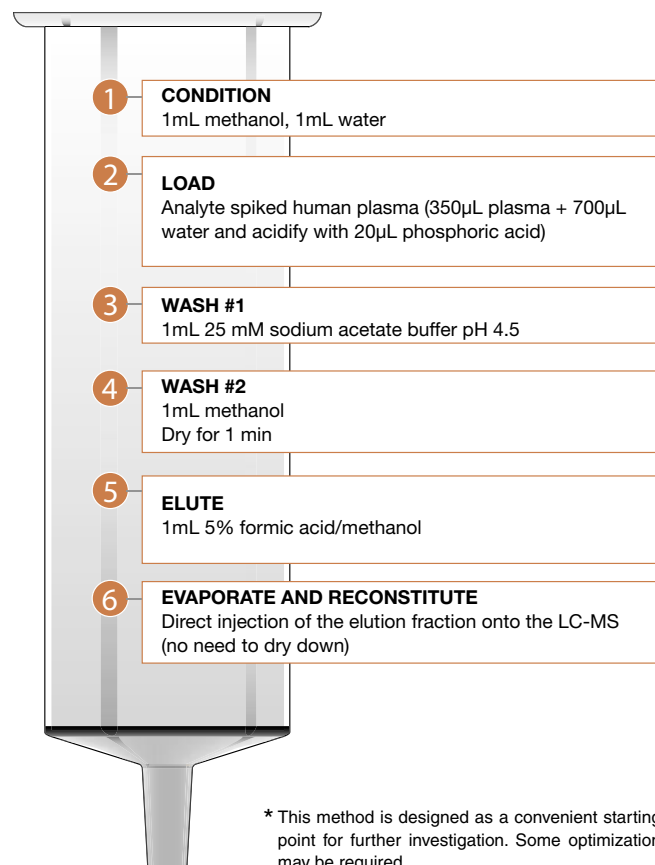


Direct Inject Analysis of Benzalkonium Chloride using strata™ X-CW

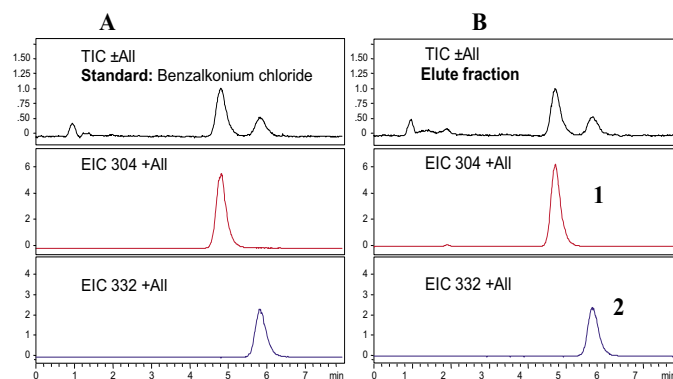
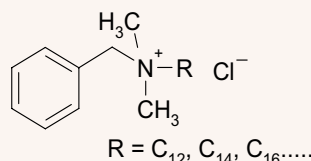
Strata Method* strata-X-CW 30mg/1mL



Ordering Information

Order Number	Description
8B-S035-TAK-TN	strata-X-CW 30mg/1mL Tubes (100/Box)
8B-S035-UBJ-TN	strata-X-CW 60mg/3mL Tubes (50/Box)
8B-S035-FCH-TN	strata-X-CW 200mg/6mL Tubes (30/Box)
8B-S035-HCH-TN	strata-X-CW 500mg/6mL Tubes (30/Box)
8E-S035-AGB-TN	strata-X-CW 96-Well Plate 10mg/well (2/Box)
8E-S035-TGB-TN	strata-X-CW 96-Well Plate 30mg/well (2/Box)
8E-S035-UGB-TN	strata-X-CW 96-Well Plate 60mg/well (2/Box)

Benzalkonium chloride



HPLC chromatogram of Extracts:

A) Standard solution B) Plasma Extracts (LC/MS extracted ions m/z; 304(C12) and 332(C14))

LC/MS Analysis Conditions:

Column:	Luna™ 5µ CN 50x2.0mm (Order No. 00B-4255-B0-TN)
Sample:	10µL human plasma extract
Mobile Phase:	A: 75 mM ammonium acetate pH 5.0, B: acetonitrile
Gradient:	A/B (40:60)
Flow rate:	0.2 mL/min
MS Instrument:	Bruker Esquire 2000 IT
Source:	ESI-Positive mode
Peaks:	1. C12 Benzalkonium Chloride 2. C14 Benzalkonium Chloride

Results (Absolute Recovery)

Analyte	Concentration (ng/mL)	% Recovery	% RSD (n=4)
C12 (m/z=304)	100	85	8.5
C14 (m/z=332)	100	86	9.8

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