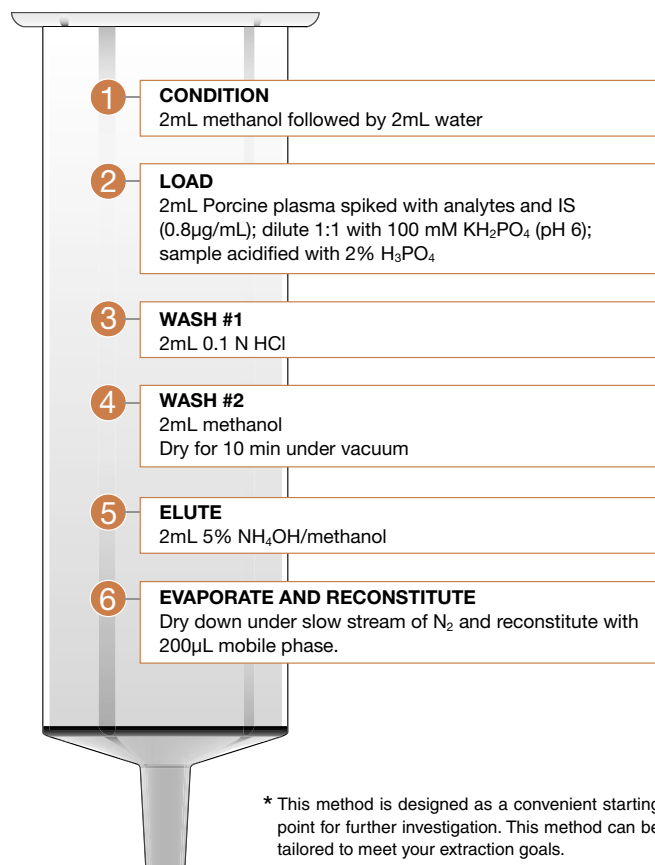


Benzodiazepines Extracted from Plasma Using strata™ X-C

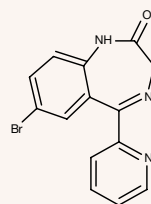
Strata Method* strata-X-C 60mg/3mL



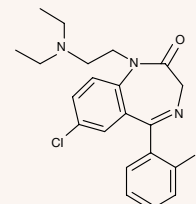
Ordering Information

Order Number	Description
8B-S029-TAK-TN	strata-X-C 30mg/1mL Tubes (100/Box)
8B-S029-UBJ-TN	strata-X-C 60mg/3mL Tubes (50/Box)
8B-S029-FBJ-TN	strata-X-C 200mg/3mL Tubes (50/Box)
8B-S029-HBJ-TN	strata-X-C 500mg/3mL Tubes (50/Box)
8B-S029-ECH-TN	strata-X-C 100mg/6mL Tubes (30/Box)
8B-S029-FCH-TN	strata-X-C 200mg/6mL Tubes (30/Box)
8B-S029-HCH-TN	strata-X-C 500mg/6mL Tubes (30/Box)
8B-S029-EDG-TN	strata-X-C 100mg/12mL GigaTubes (20/Box)
8B-S029-HDG-TN	strata-X-C 500mg/12mL Giga Tubes (20/Box)
8B-S029-JDG-TN	strata-X-C 1000mg/12mL GigaTubes (20/Box)
8E-S029-AGB-TN	strata-X-C 96-Well Plate 10mg/well (2/Box)
8E-S029-TGB-TN	strata-X-C 96-Well Plate 30mg/well (2/Box)
8E-S029-UGB-TN	strata-X-C 96-Well Plate 60mg/well (2/Box)

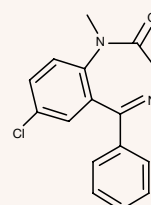
Bromazepam



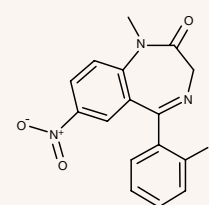
Flurazepam



Diazepam

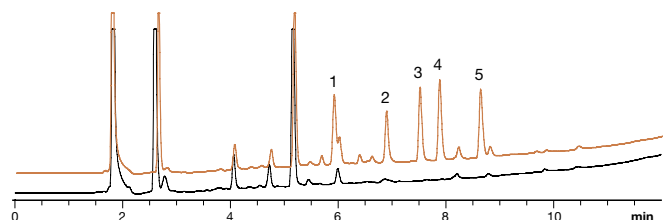


Flunitrazepam



HPLC chromatograms of plasma extracts:

A) blank B) spiked sample



HPLC Analysis Conditions:

Column:	Synergi™ Max-RP, 4µ, 150 x 4.6mm (Order No: 00F-4337-E0-TN)
Sample:	50µL of reconstituted extract
Mobile Phase:	A: 0.1% TFA in water (pH 2.1); B: 0.05% TFA in acetonitrile
Gradient:	A/B (95:5) to A/B (5:95) in 10 min
Flow rate:	1.0mL/min
Temperature:	25°C
Detection:	UV @ 254nm
Peaks:	1. Bromazepam 2. Flurazepam 3. Diazepam 4. Oxazepam (IS) 5. Flunitrazepam

Results

Analyte	Concentration (µg/mL)	% Recovery	% RSD (n=3)
Bromazepam	0.8	102	0.55
Flurazepam	0.8	105	2.71
Diazepam	0.8	93	2.86
Flunitrazepam	0.8	96	3.8

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