Chloramphenicol in Milk by LC-MS/MS

ACE®
Ultra-inert
UHPLC & HPLC Columns

Application #**AN2030**

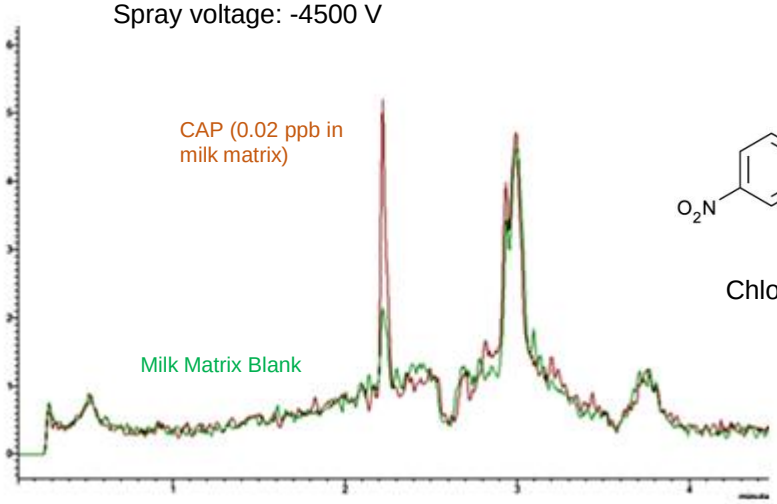
Conditions

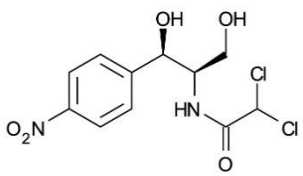
Column:	ACE 3 C18
Dimensions:	50 x 2.1 mm
Part Number:	ACE-111-0502
Mobile Phase:	A: H_2O
	B: MeOH

Time (mins)	%B
0.00	10
0.05	10
2.50	95
3.00	95
3.10	10
4.50	10

Flow Rate:	0.5 mL/min
Injection:	10 µL
Detection:	Bruker EVOQ Elite triple quad MS
	VIP heated-ESI temperature: 400 °C
	Cone gas temperature: 350 °C
	Spray voltage: -4500 V

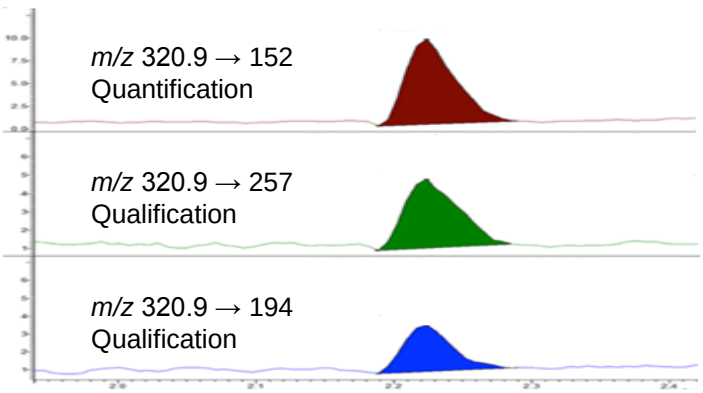
TIC of 3 MRMs of 0.02 ppb chloramphenicol spiked in milk matrix





Chloramphenicol

MRM chromatograms of 0.05 ppb chloramphenicol in milk



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