Aminoglycosides in Eggs

ACE®
Ultra-inert
UHPLC & HPLC Columns

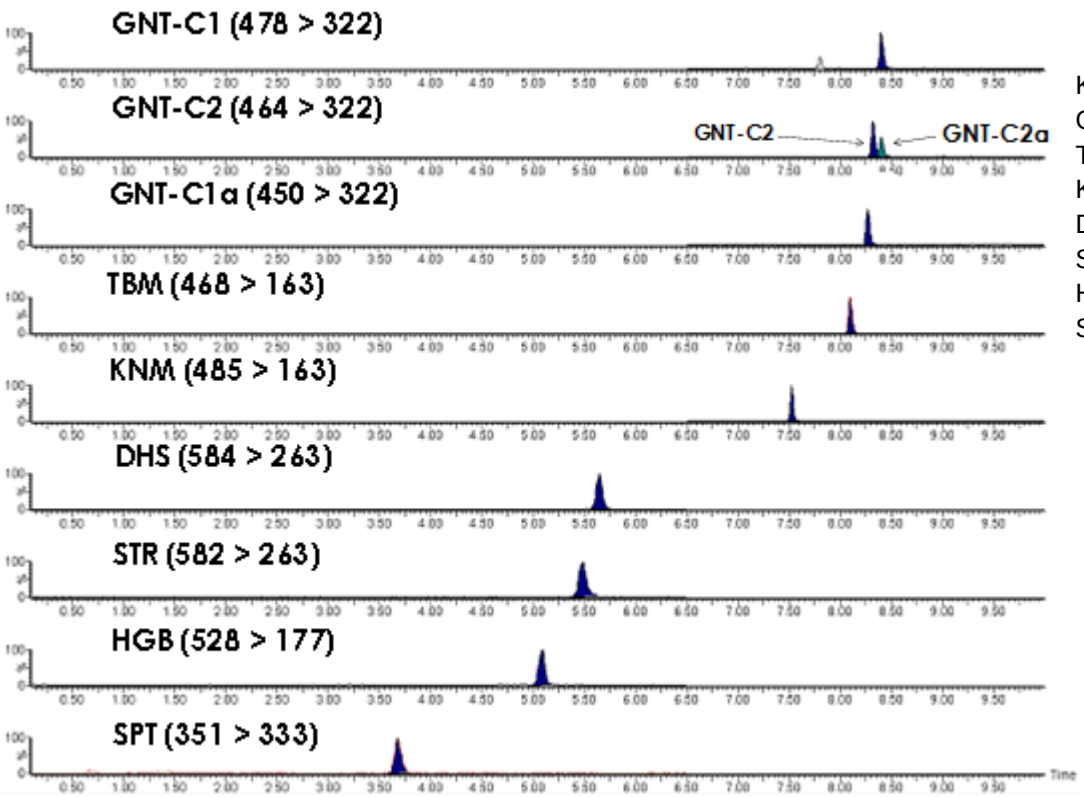
Application #AN1920

Conditions

Column:	ACE Excel 2 C18-PFP
Dimensions:	100 x 2.1 mm
Part Number:	EXL-1010-1002U
Mobile Phase:	A: 20 mM HFBA in H_2O/MeCN (98:2 v/v) B: 20 mM HFBA in MeCN/H_2O (98:2 v/v)

Time (mins)	%B	Curve
0.0	5.0	-
2.0	15.0	6
4.5	19.0	6
5.5	19.5	8
6.0	22.0	6
7.0	35.0	6
9.0	48.0	8
9.5	5.0	6

Flow Rate:	0.4 mL/min
Temperature:	40 °C
Detection:	Positive ESI MRM (transitions as shown)
Sample:	Extraction at low pH, clean up with WCX SPE cartridge Egg sample spiked at 100 µg/kg (CCα)



Key
GNT Gentamicin
TBM Tobramycin
KNM Kanamycin
DHS Dihydrostreptomycin
STR Streptomycin
HGB Higromycin-B
SPT Spectinomycin

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