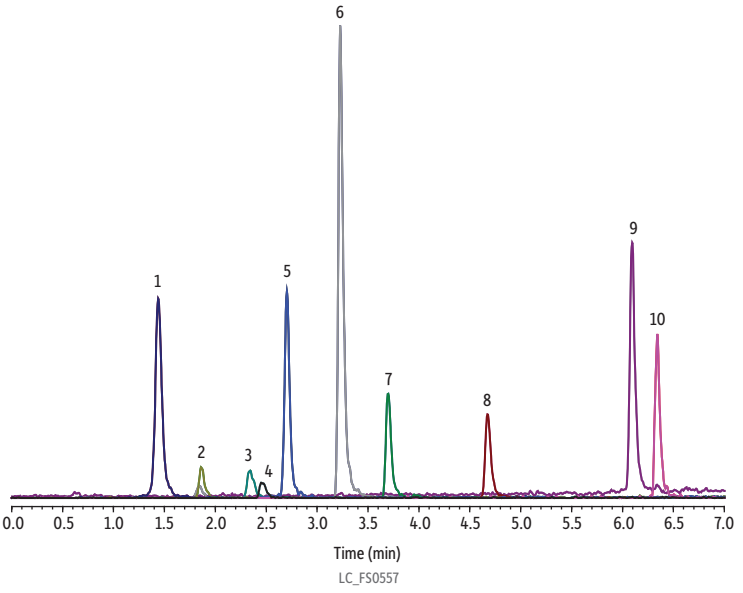
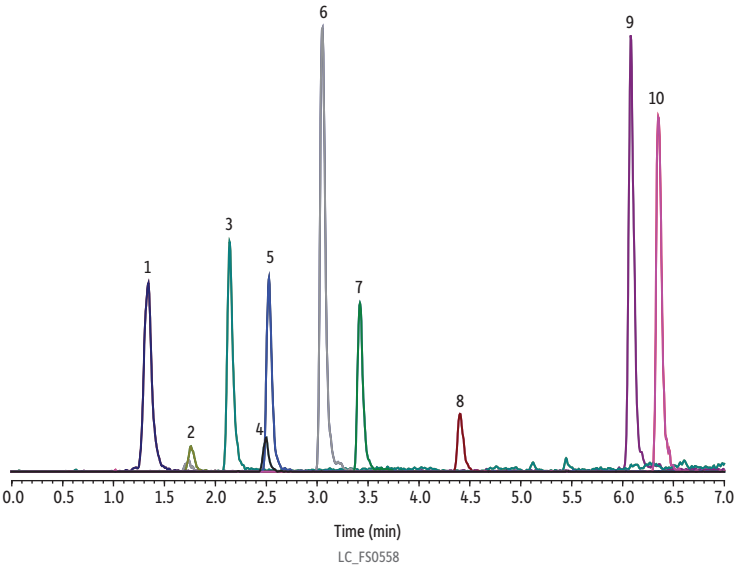
Comparison of Vet Drugs on Raptor Inert C18 and Raptor C18



Raptor C18 (9304A12)

Compound	Peak Area	Peak Height
1. Lincomycin	182105	37507
2. Norfloxacin	21297	5705
3. Tulathromycin A	25782	5163
4. Cefazolin	13605	2864
5. Difloxacin	141725	38709
6. Pirlimycin	315970	88887
7. Gamithromycin	78366	19639
8. Erythromycin	66354	15749
9. Virginiamycin M1	169328	46359
10. Cloxacillin	112532	30894



Raptor Inert C18 (9304A12-T)

Compound	Peak Area	Peak Height
1. Lincomycin	317793	62086
2. Norfloxacin	30911	7462
3. Tulathromycin A	20025836	3319572
4. Cefazolin	32559	8317
5. Difloxacin	159342	43389
6. Pirlimycin	331811	83181
7. Gamithromycin	135167	32158
8. Erythromycin	147709	33521
9. Virginiamycin M1	345795	85851
10. Cloxacillin	307057	79591

Peaks	Precursor Ion	Product Ion
1. Lincomycin	407.00	359.00
2. Norfloxacin	320.00	276.00
3. Tulathromycin A	806.60	577.00
4. Cefazolin	455.00	323.00
5. Difloxacin	400.00	356.00
6. Pirlimycin	411.00	363.00
7. Gamithromycin	777.00	619.00
8. Erythromycin	734.00	576.00
9. Virginiamycin M1	526.00	508.00
10. Cloxacillin	436.00	277.05

Column
Temp.: 35 °C
Standard/Sample
Diluent: 50:50 methanol:water
Conc.: 10 ng/mL
Inj. Vol.: 2 µL
Mobile Phase
A: Water, 0.1% formic acid
B: Acetonitrile, 0.1% formic acid

Time (min)	Flow (mL/min)	%A	%B
0.00	0.4	90	10
4.50	0.4	65	35
7.00	0.4	45	55
7.01	0.4	90	10
9.00	0.4	90	10

Detector Shimadzu 8060 MS/MS
Ion Source: Electrospray
Ion Mode: ESI+
Mode: MRM
Instrument Shimadzu Nexera X2
Notes Columns are:
- Raptor C18 (cat.# (9304A12)
- Raptor Inert C18 (cat.# (9304A12-T)