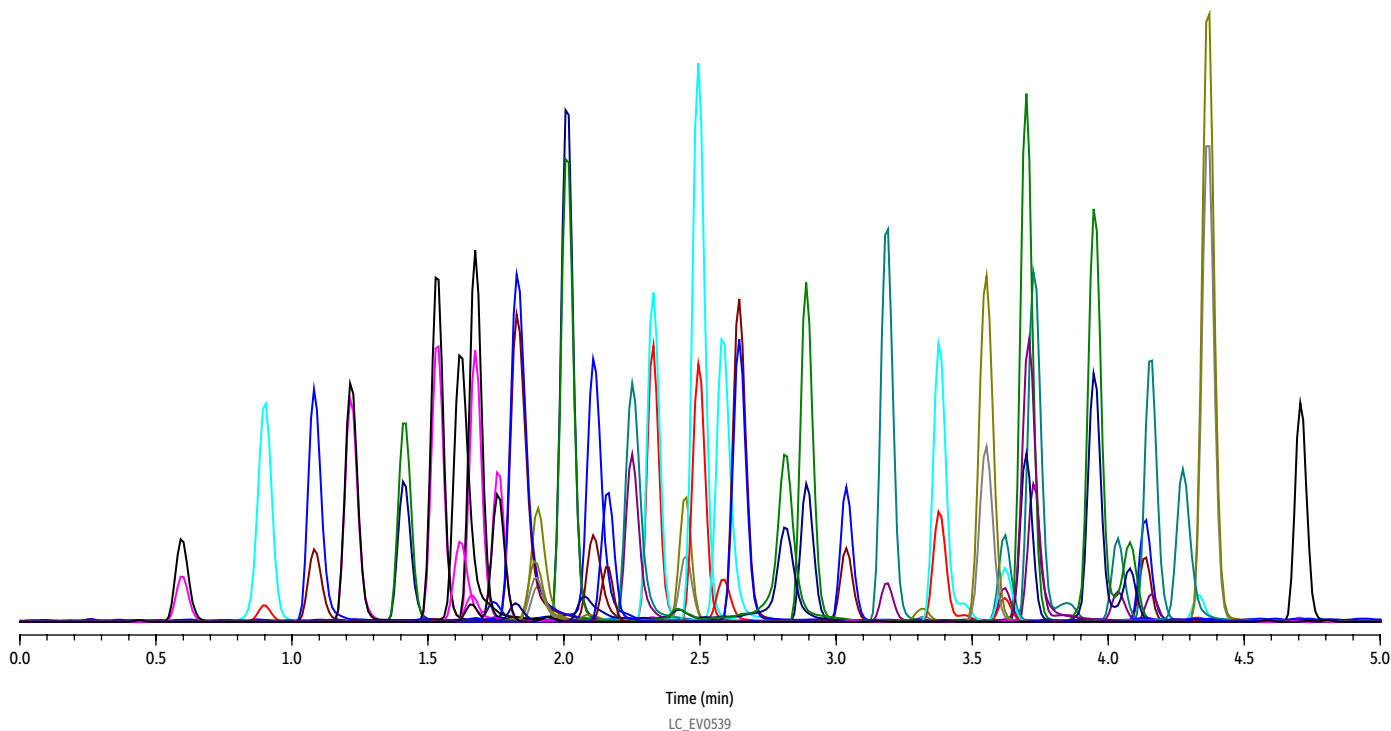


Pharmaceuticals and Personal Care Products (PPCPs) on Raptor Biphenyl (1.8 µm)



Peaks	tR (min)	Conc. (ng/mL)	Precursor Ion	Product Ion	Product Ion	Polarity
1. Acetaminophen	0.59	10	151.8	110.2	65.1	+
2. Lincomycin	0.90	5	407.4	126.3	359.3	+
3. Cotinine	1.08	50	176.9	80.2	98.2	+
4. Codeine	1.22	50	300.5	165.2	215.2	+
5. Trimethoprim	1.41	10	290.9	230.2	261.2	+
6. Sulfadiazine	1.53	50	251.4	156.2	92.2	+
7. Norfloxacin	1.62	50	320.4	231.1	302.2	+
8. Sulfathiazole	1.67	50	256.3	156.3	92.2	+
9. Ampicillin	1.76	100	382.4	106.2	223.3	+
10. Ofloxacin	1.83	50	362.4	318.2	261.2	+
11. Ciprofloxacin	1.89	10	332.3	231.1	314.2	+
12. Oxytetracycline	1.90	50	461.2	426.2	443.2	+
13. Sulfamerazine	2.01	50	265.3	108.2	92.3	+
14. Tetracycline	2.11	50	445.4	410.2	427.2	+
15. Caffeine	2.16	10	195.2	138.2	110.2	+
16. Sulfamethizole	2.25	50	271.4	156.2	92.1	+
17. Sulfamethoxazole	2.33	10	253.9	156.1	108.2	+
18. Sulfamethazine	2.45	5	279.3	186.2	124.2	+
19. Sulfachloropyridazine	2.49	50	285.2	156.1	108.1	+
20. Clinafloxacin	2.58	50	366.3	305.1	348.1	+
21. Azithromycin	2.60	100	749.5	591.5	158.2	+
22. Carbadox	2.64	50	263.3	231.2	129.2	+
23. Chlortetracycline	2.81	100	479.2	444.1	462.2	+
24. Diphenhydramine	2.89	5	256.4	167.3	165.3	+
25. Sulfadimethoxine	3.04	5	311.3	156.3	108.2	+
26. Fluoxetine	3.19	10	310.3	44.2	148.3	+
27. Erythromycin	3.32	10	734.7	158.2	576.4	+
28. Penicillin G	3.38	50	367.4	160.2	217.2	+
29. Diltiazem	3.55	5	415.4	178.3	109.2	+
30. Clarithromycin	3.62	5	748.6	158.2	590.5	+
31. Carbamazepine	3.70	10	237.3	194.2	193.2	+
32. Oxolinic acid	3.71	50	262.3	216.1	244.1	+
33. Tylosin	3.72	100	948.6	174.3	156.3	+
34. Penicillin V	3.73	50	383.3	160.1	114.2	+
35. Oxacillin	3.95	50	434.2	160.2	144.2	+
36. Naproxen	4.14	50	229.3	169.3	170.2	-
37. Digoxin	4.16	50	839.5	779.5	649.5	-
38. Flumequine	4.27	5	262.3	202.2	244.2	+
39. Triclosan	4.33	50	287.1	35.0	-	-
40. Warfarin	4.37	5	309.2	163.2	251.2	+
41. Gemfibrozil	4.71	50	249.3	121.2	-	-

Column Raptor Biphenyl (cat.# 9309252)
Dimensions: 50 mm x 2.1 mm ID
Particle Size: 1.8 µm
Pore Size: 90 Å
Temp.: 40 °C
Sample Pharmaceuticals mix #1 (cat.# 31116)
 Pharmaceuticals mix #2 (cat.# 31118)
 Compounds not present in these mixes were obtained separately.
Diluent: 0.1% Acetic acid in water
Conc.: 5-100 ng/mL
Inj. Vol.: 2 µL
Mobile Phase
 A: 0.1% Acetic acid in water
 B: 0.1% Acetic acid in methanol

Time (min)	Flow (mL/min)	%A	%B
0.00	0.5	85	15
5.00	0.5	10	90
5.01	0.5	85	15
7.00	0.5	85	15

Detector MS/MS
Mode: MRM
Instrument UHPLC