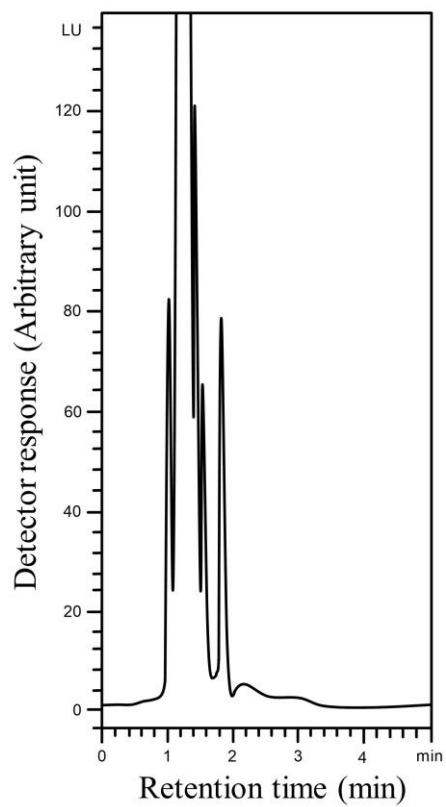
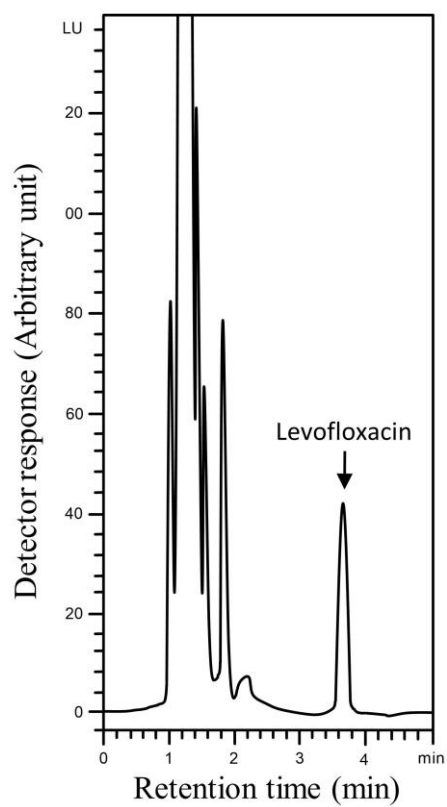


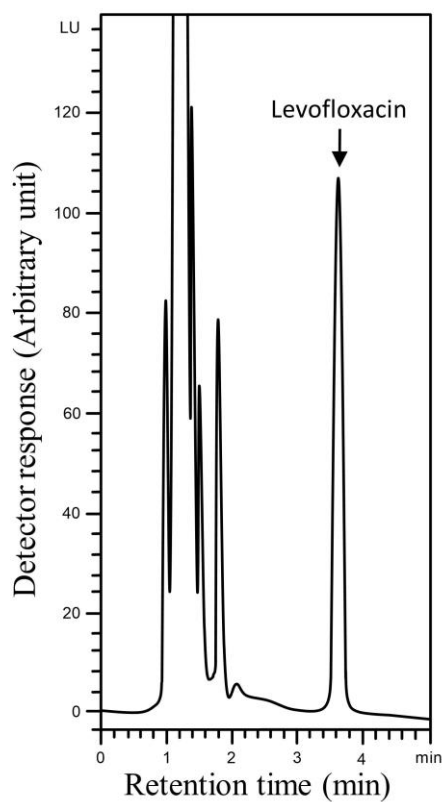
Supplementary Material



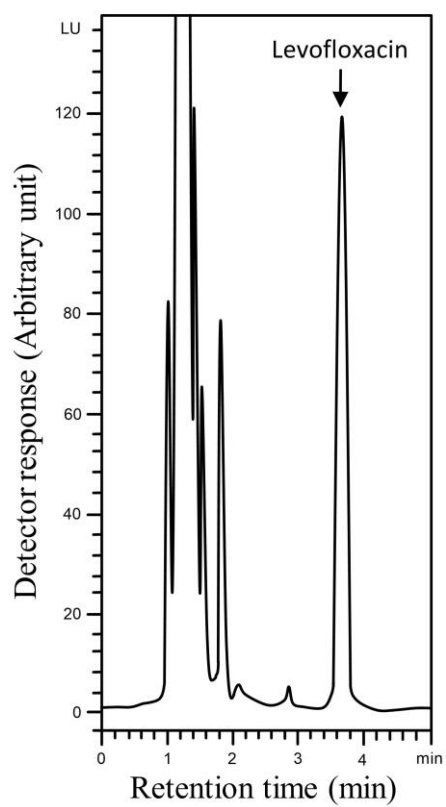
**Figure S1.** Chromatogram of drug-free human serum sample (volunteer 1).



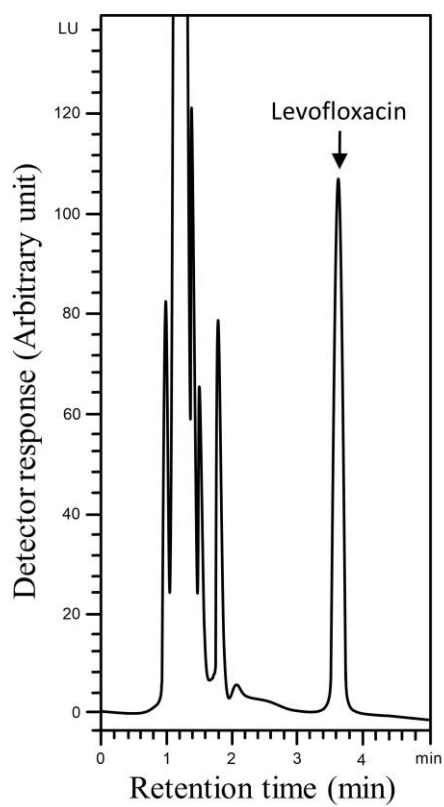
**Figure S2.** Chromatogram of serum sample collected at 0.5 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 1).



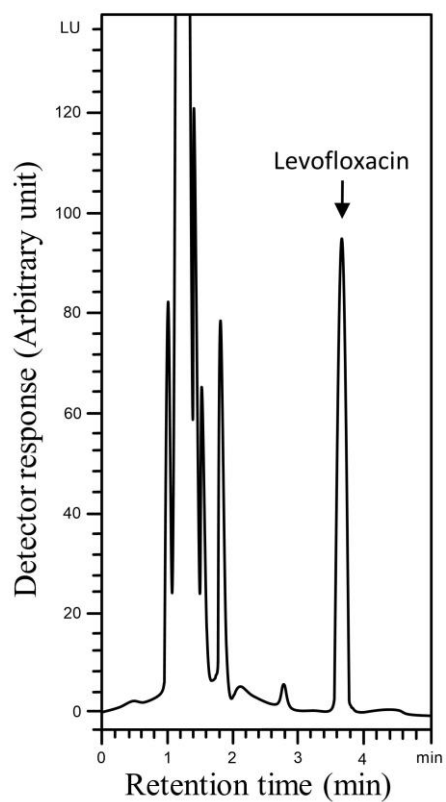
**Figure S3.** Chromatogram of serum sample collected at 1 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 1).



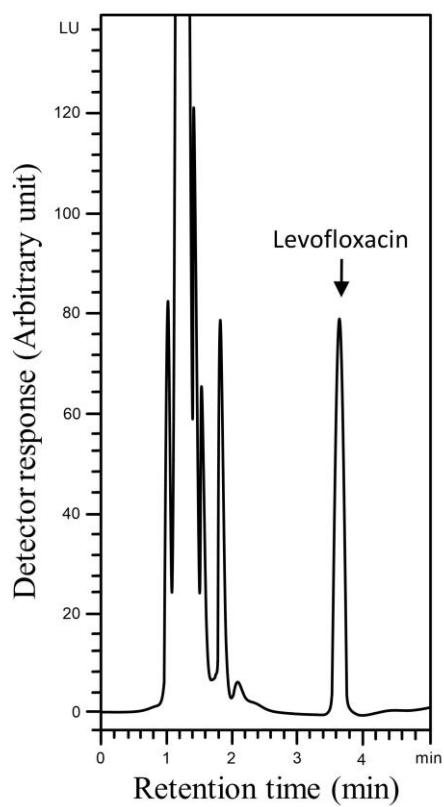
**Figure S4.** Chromatogram of serum sample collected at 2 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 1).



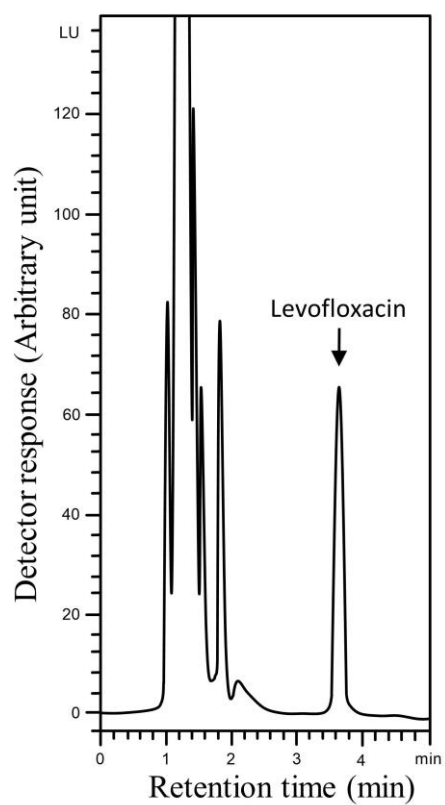
**Figure S5.** Chromatogram of serum sample collected at 3 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 1).



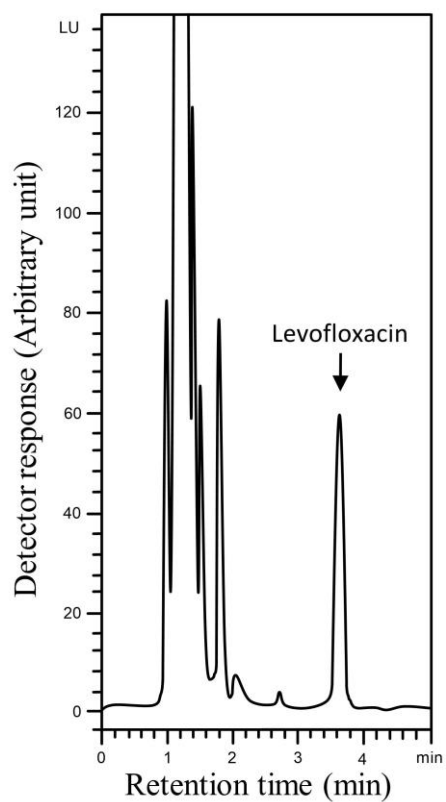
**Figure S6.** Chromatogram of serum sample collected at 4 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 1).



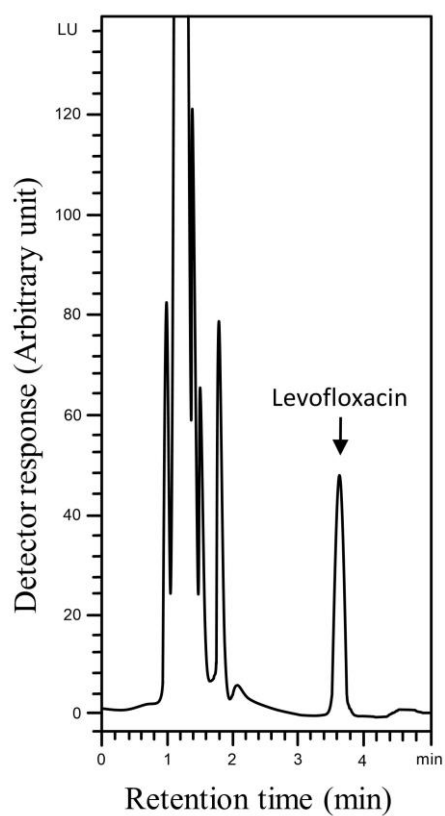
**Figure S7.** Chromatogram of serum sample collected at 6 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 1).



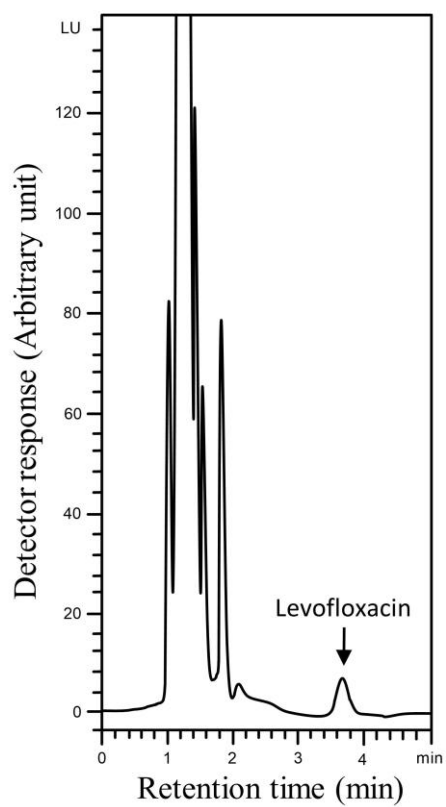
**Figure S8.** Chromatogram of serum sample collected at 8 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 1).



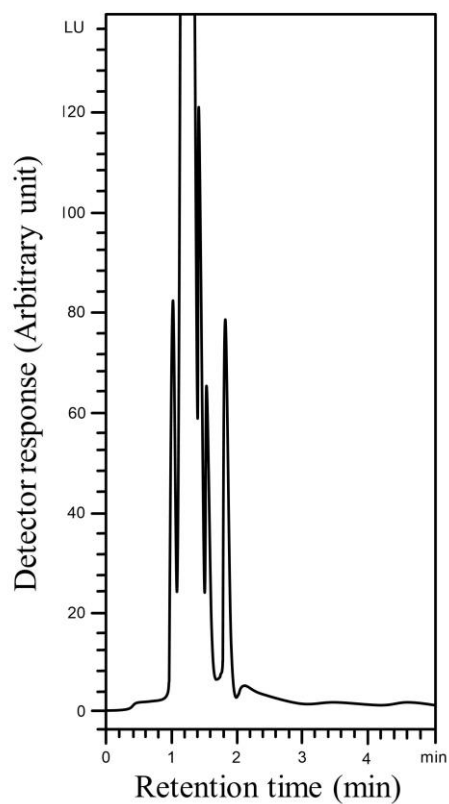
**Figure S9.** Chromatogram of serum sample collected at 10 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 1).



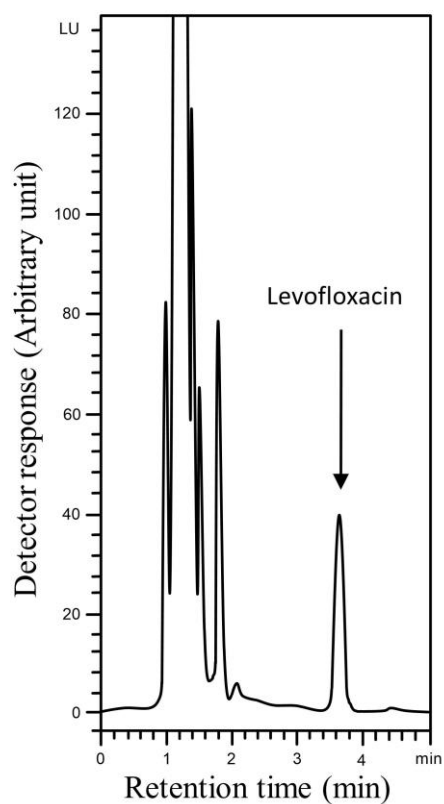
**Figure S10.** Chromatogram of serum sample collected at 12 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 1).



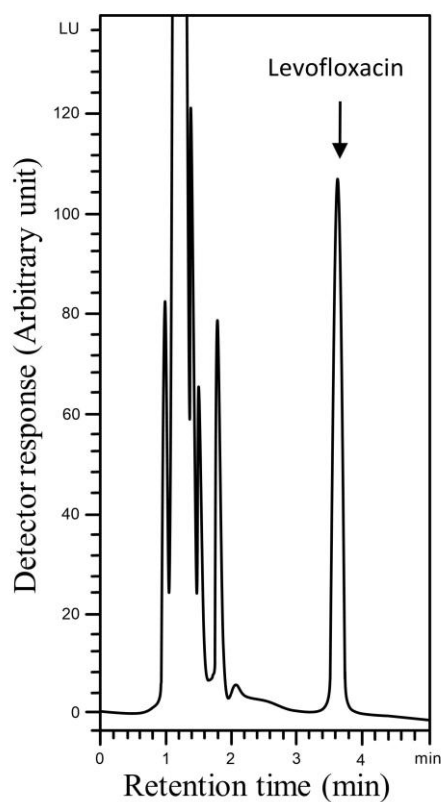
**Figure S11.** Chromatogram of serum sample collected at 24 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 1).



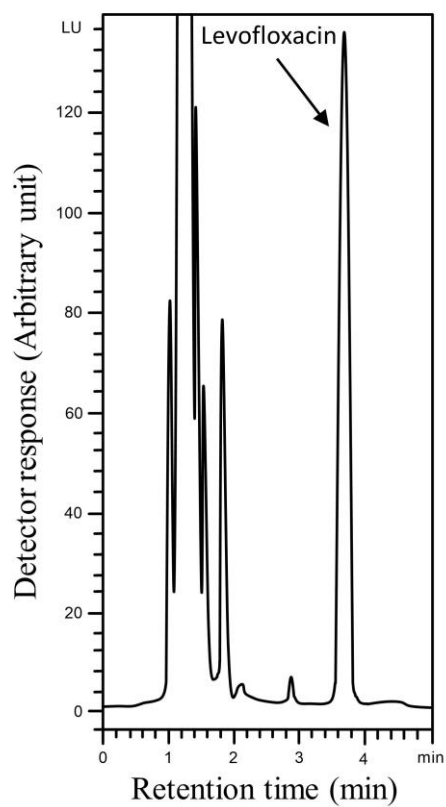
**Figure S12.**Chromatogram of drug-free human serum sample (volunteer 2).



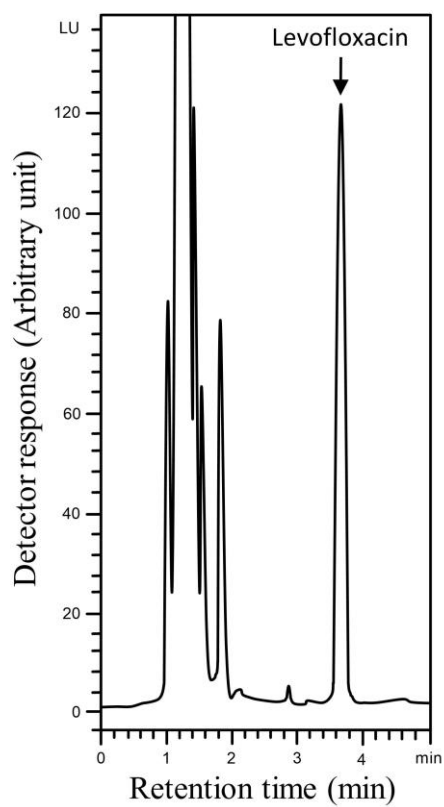
**Figure S13.** Chromatogram of serum sample collected at 0.5 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 2)



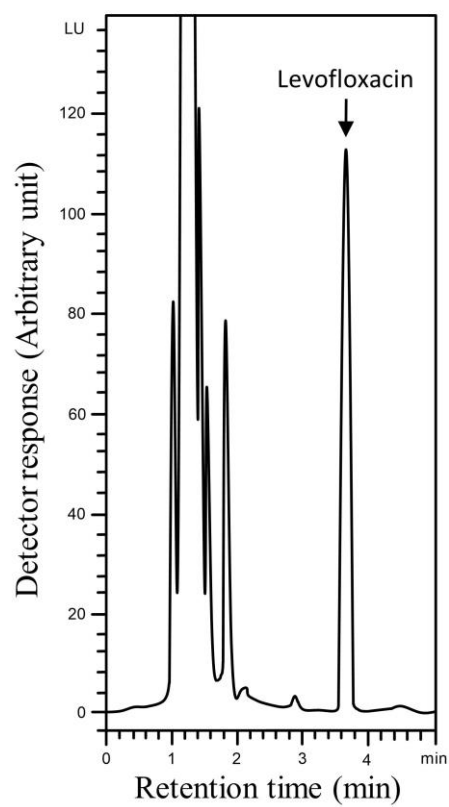
**Figure S14.** Chromatogram of serum sample collected at 1 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 2).



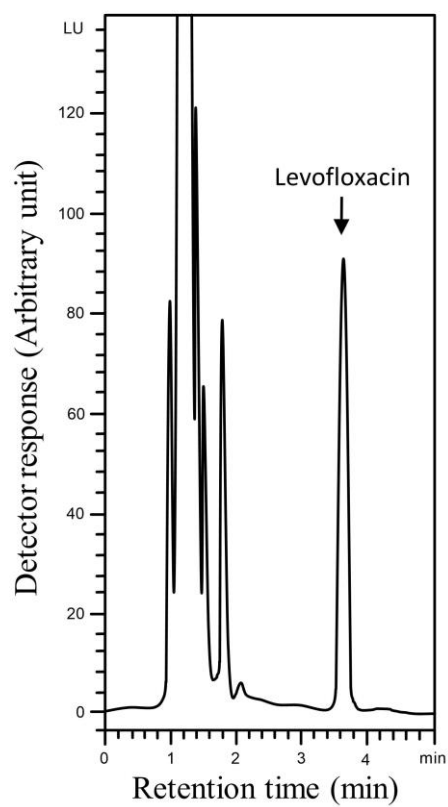
**Figure S15.** Chromatogram of serum sample collected at 2 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 2).



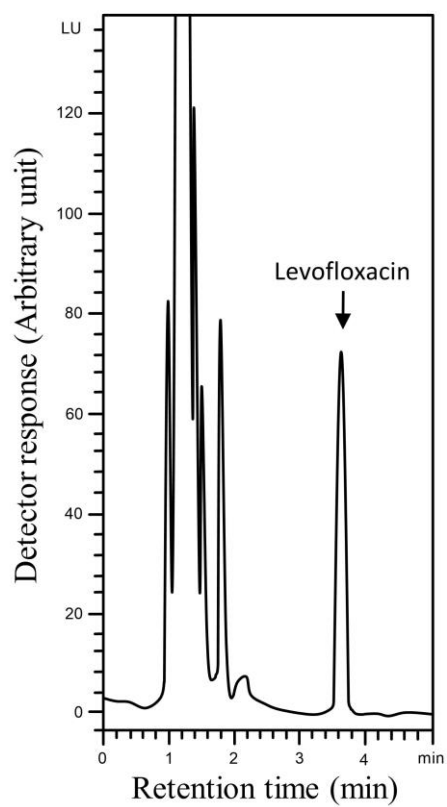
**Figure S16.** Chromatogram of serum sample collected at 3 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 2).



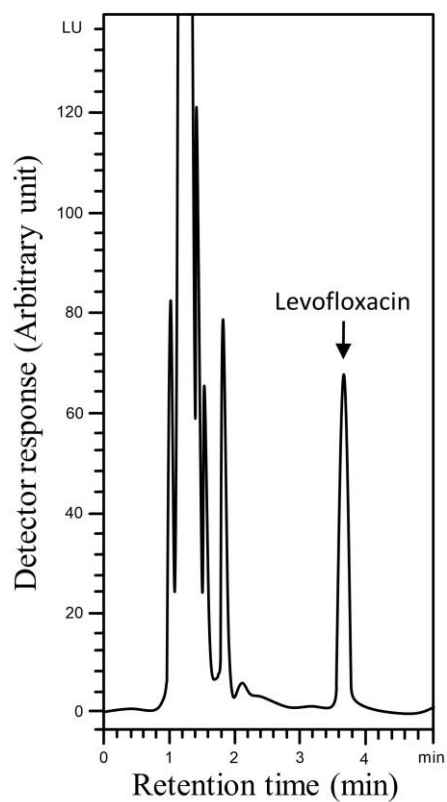
**Figure S17.** Chromatogram of serum sample collected at 4 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 2).



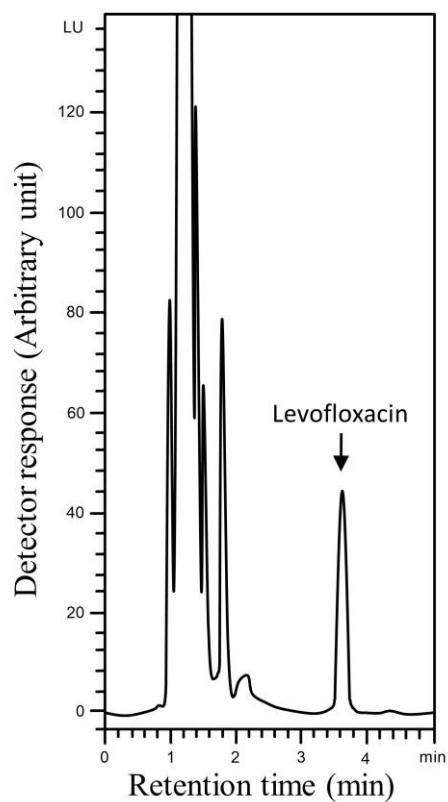
**Figure S18.** Chromatogram of serum sample collected at 6 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 2).



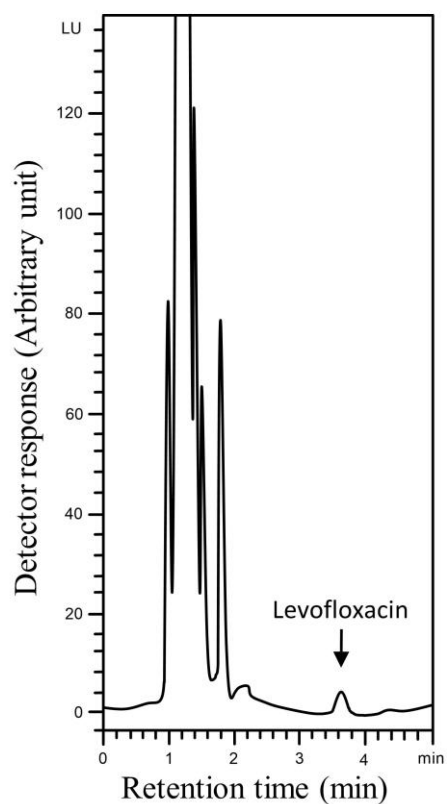
**Figure S19.** Chromatogram of serum sample collected at 8 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 2).



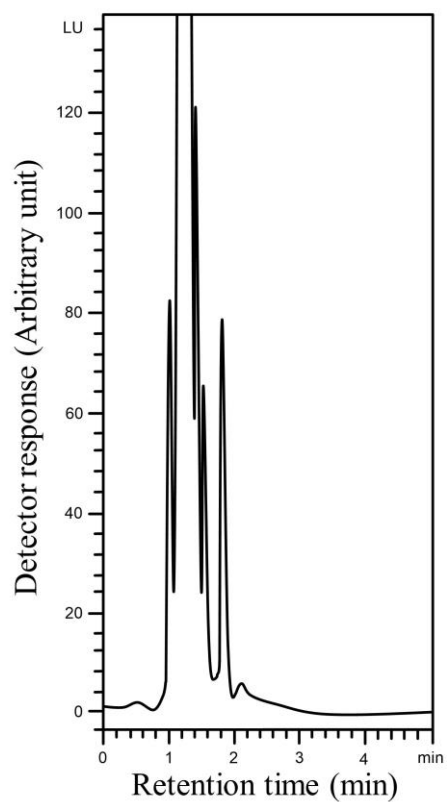
**Figure S20.** Chromatogram of serum sample collected at 10 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 2).



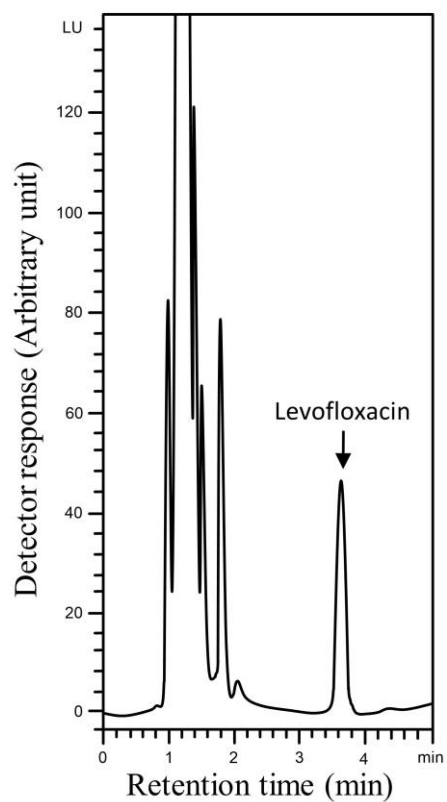
**Figure S21.** Chromatogram of serum sample collected at 12 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 2).



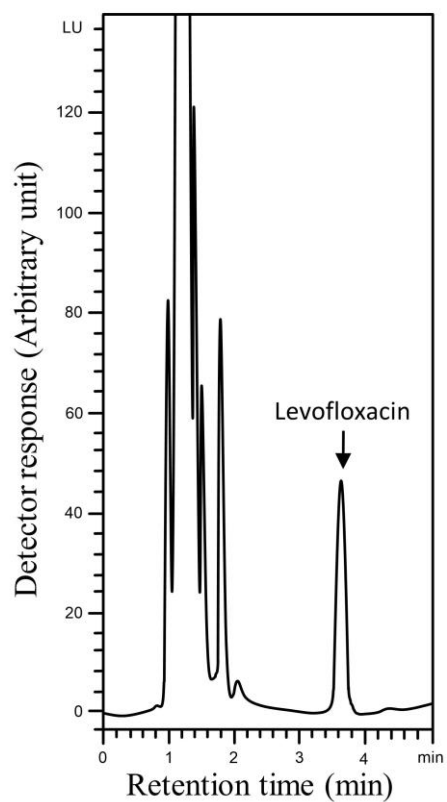
**Figure S22.** Chromatogram of serum sample collected at 24 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 2).



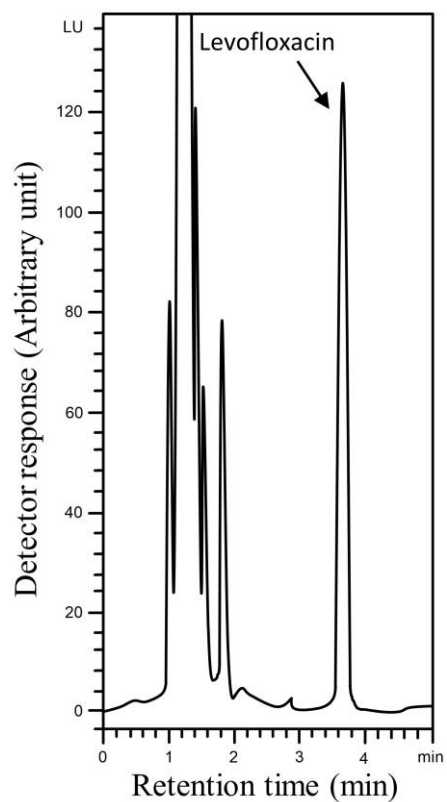
**Figure S23.** Chromatogram of drug-free human serum sample (volunteer 3).



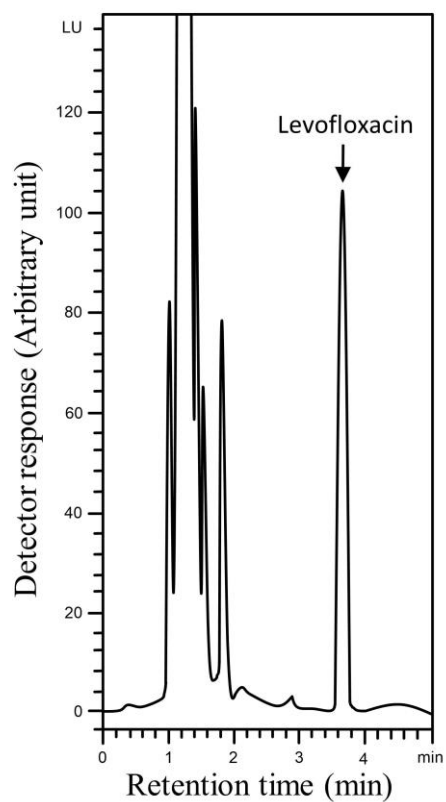
**Figure S24.** Chromatogram of serum sample collected at 0.5 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 3).



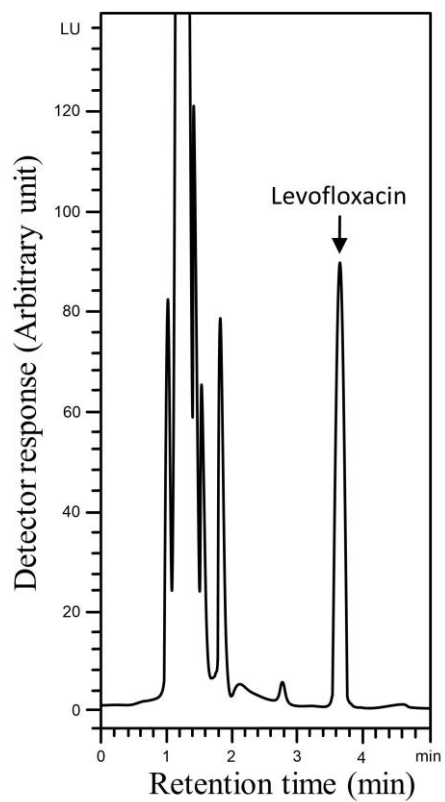
**Figure S25.** Chromatogram of serum sample collected at 1 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 3).



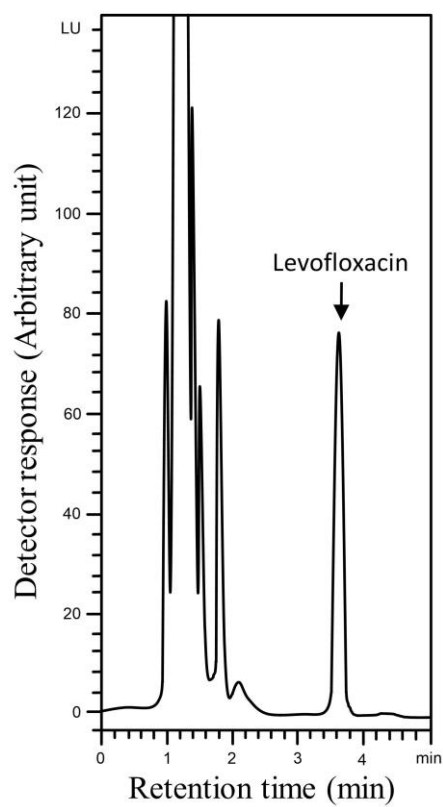
**Figure S26.** Chromatogram of serum sample collected at 2 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 3).



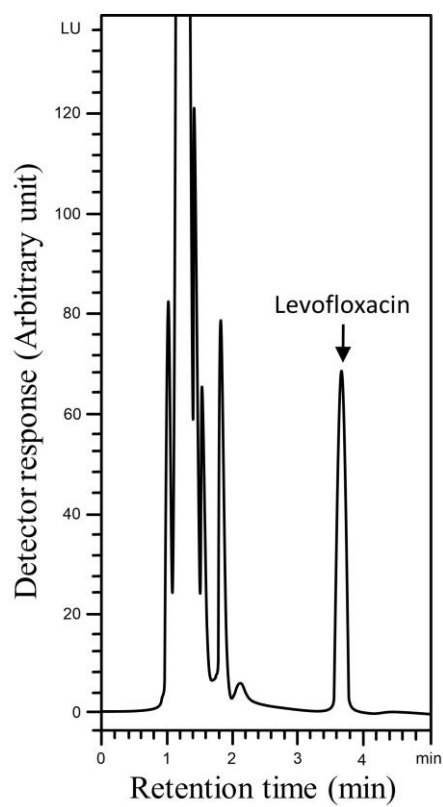
**Figure S27.** Chromatogram of serum sample collected at 3 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 3).



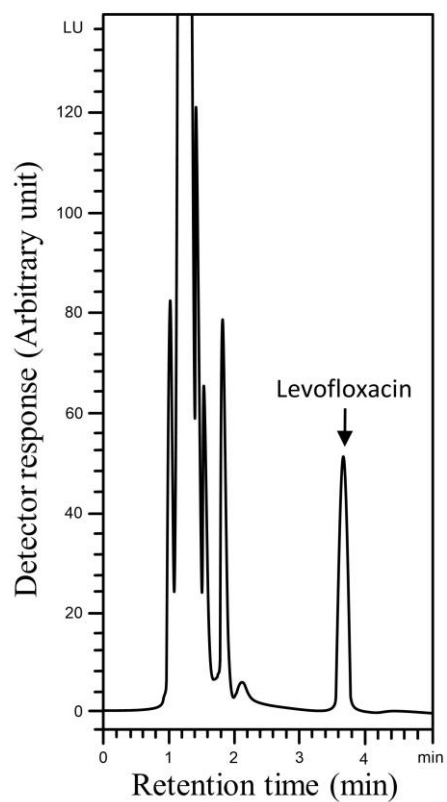
**Figure S28.** Chromatogram of serum sample collected at 4 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 3)



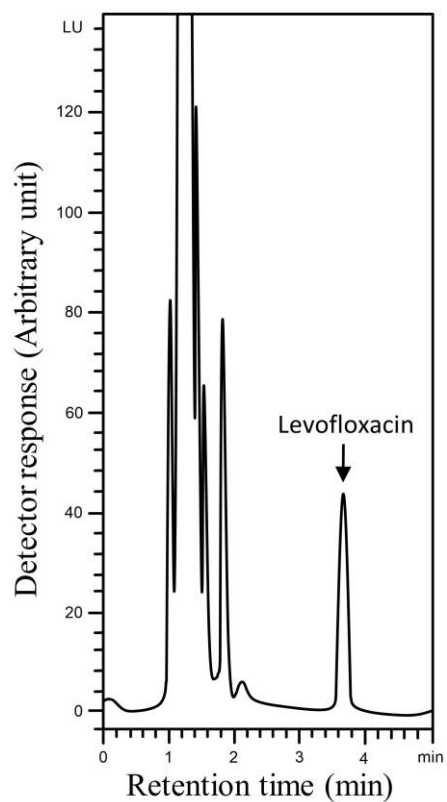
**Figure S29.** Chromatogram of serum sample collected at 6 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 3).



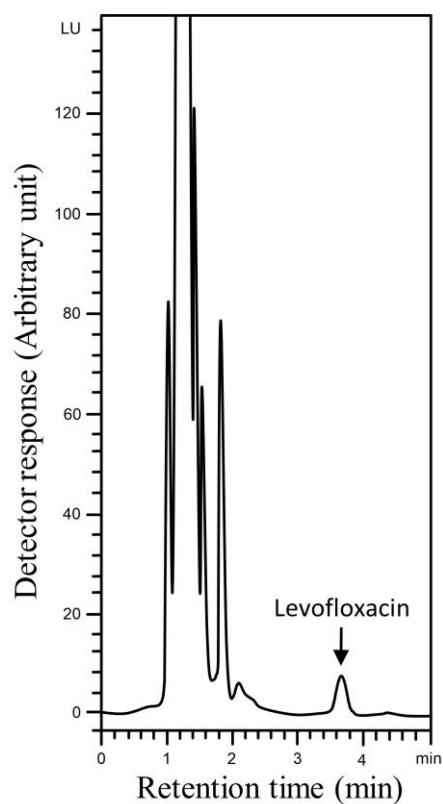
**Figure S30.** Chromatogram of serum sample collected at 8 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 3).



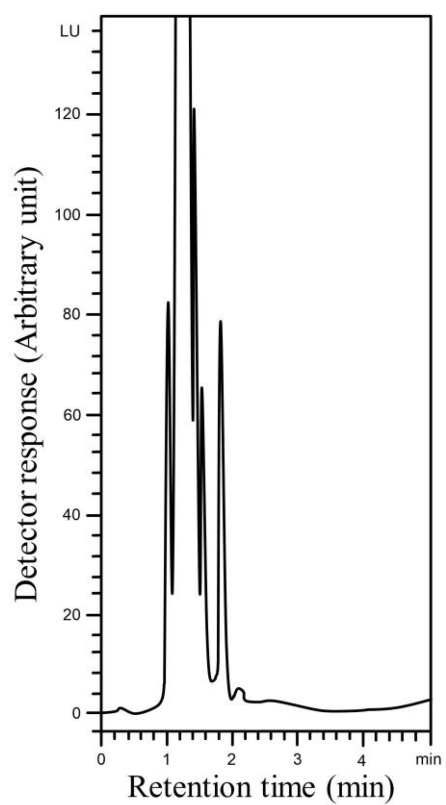
**Figure S31.** Chromatogram of serum sample collected at 10 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 3).



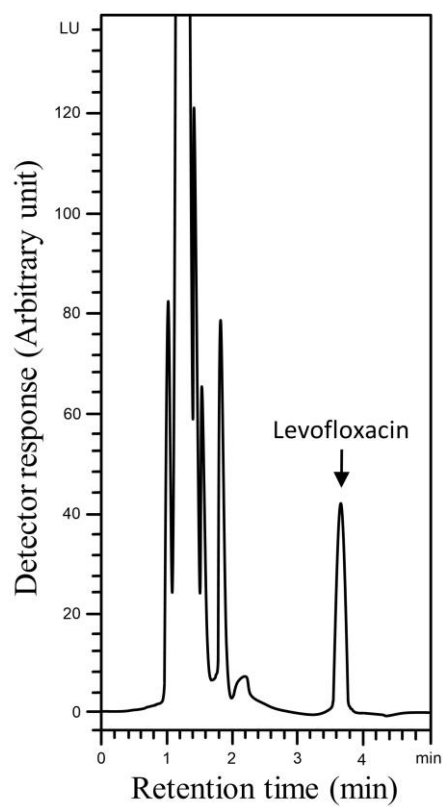
**Figure S32.** Chromatogram of serum sample collected at 12 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 3).



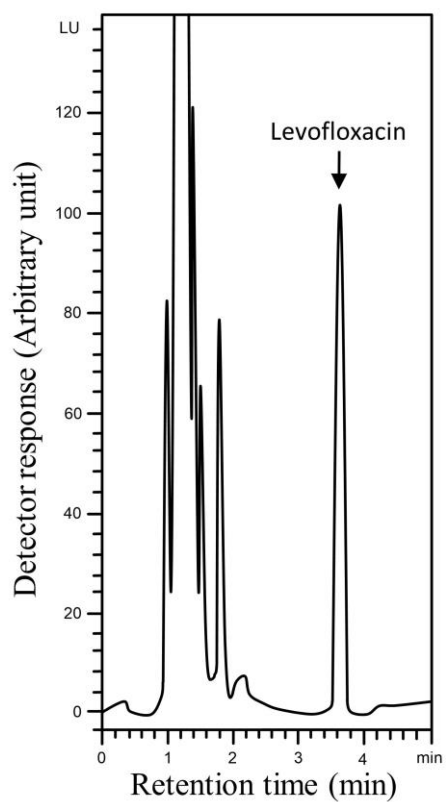
**Figure S33.** Chromatogram of serum sample collected at 24 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 3)



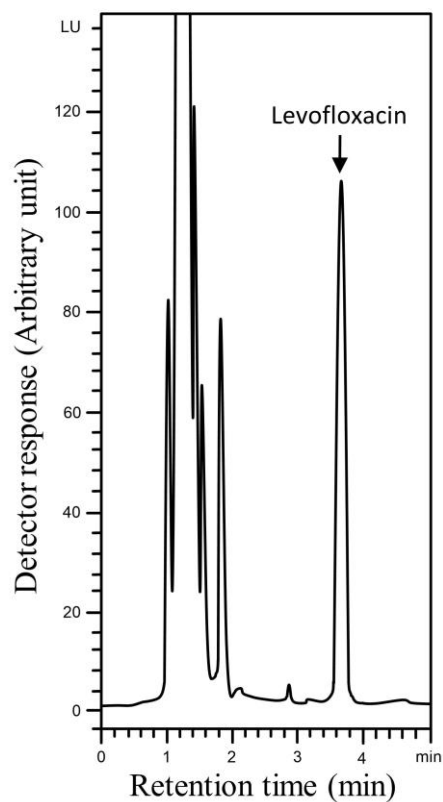
**Figure S34.** Chromatogram of drug-free human serum sample (volunteer 4).



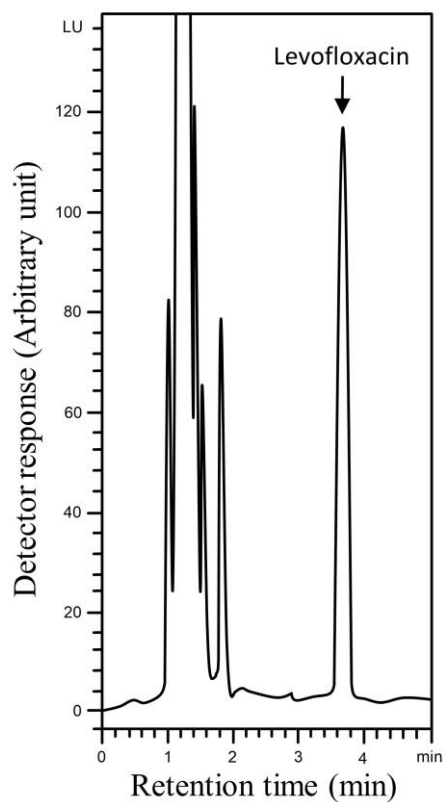
**Figure S35.** Chromatogram of serum sample collected at 0.5 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 4).



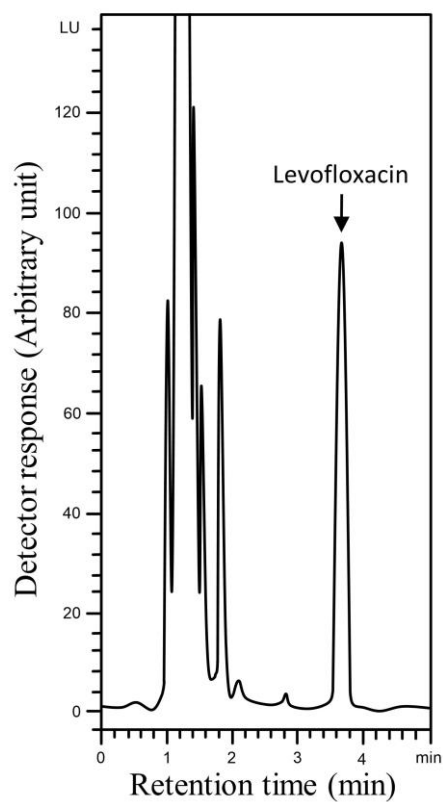
**Figure S36.** Chromatogram of serum sample collected at 1 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 4).



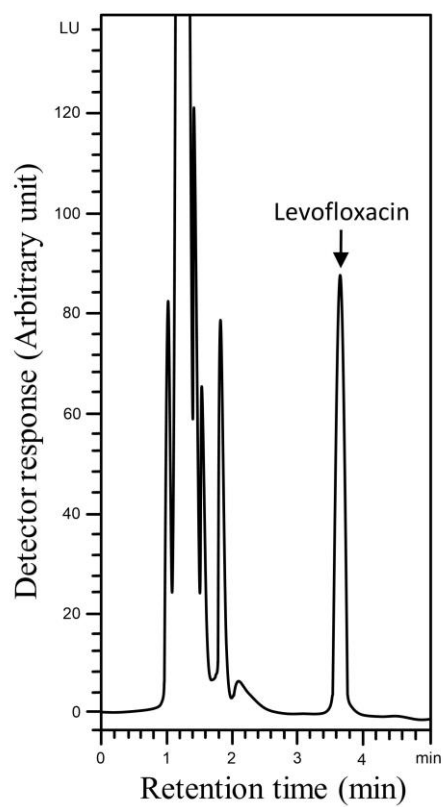
**Figure S37.** Chromatogram of serum sample collected at 2 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 4).



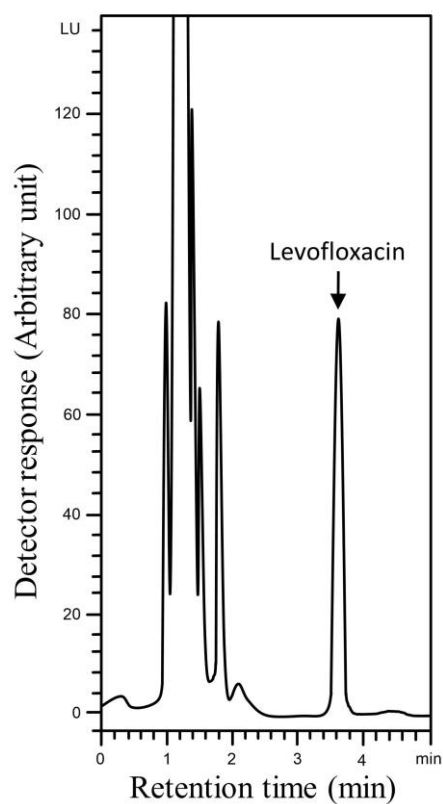
**Figure S38.** Chromatogram of serum sample collected at 3 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 4).



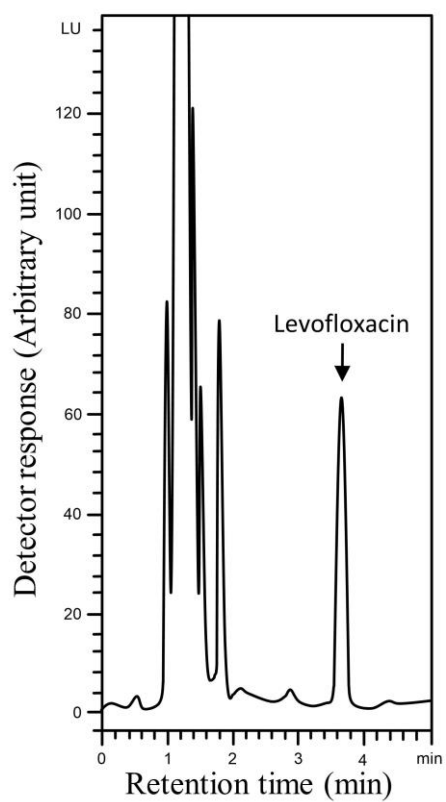
**Figure S39.** Chromatogram of serum sample collected at 4 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 4).



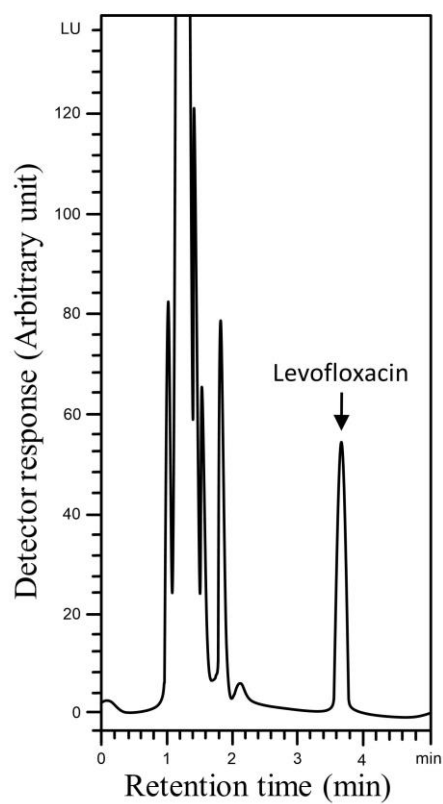
**Figure S40.** Chromatogram of serum sample collected at 6 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 4).



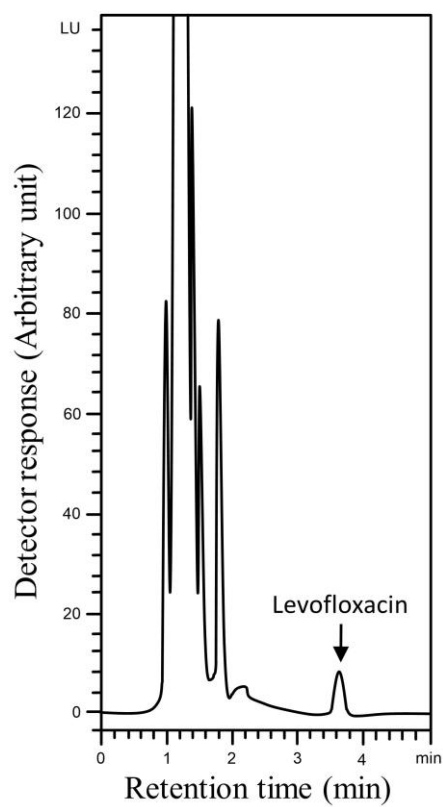
**Figure S41.** Chromatogram of serum sample collected at 8 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 4).



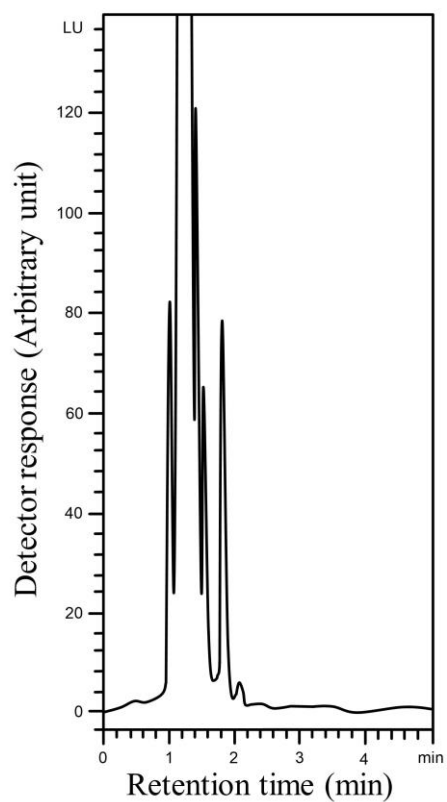
**Figure S42.** Chromatogram of serum sample collected at 10 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 4).



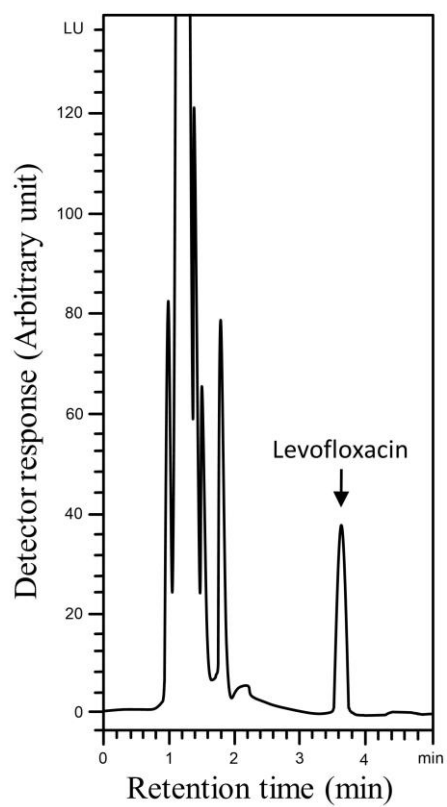
**Figure S43.** Chromatogram of serum sample collected at 12 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 4).



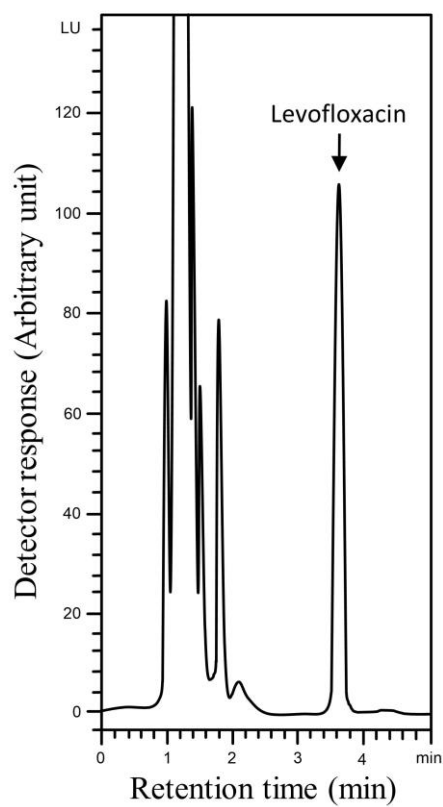
**Figure S44.** Chromatogram of serum sample collected at 24 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 4).



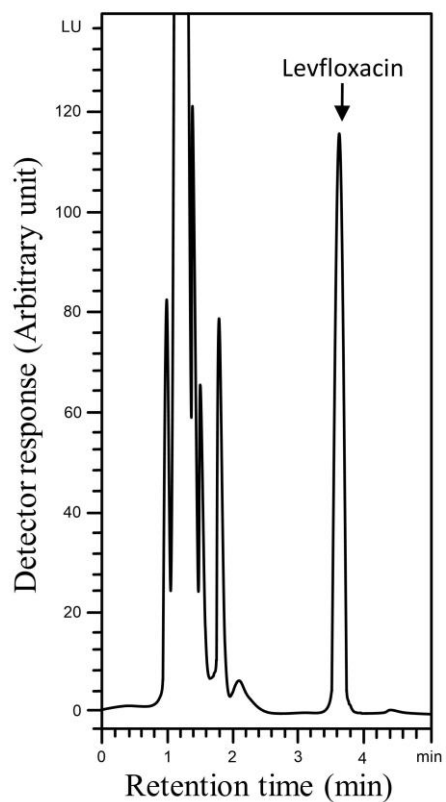
**Figure S45.** Chromatogram of drug-free human serum sample (volunteer 5).



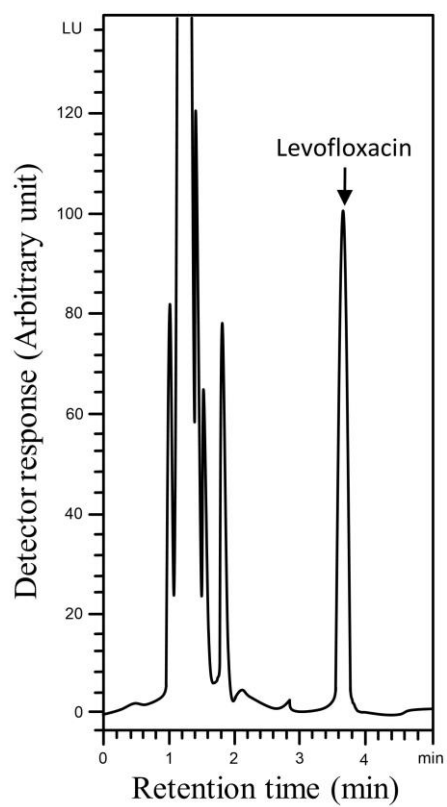
**Figure S46.** Chromatogram of serum sample collected at 0.5 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 5).



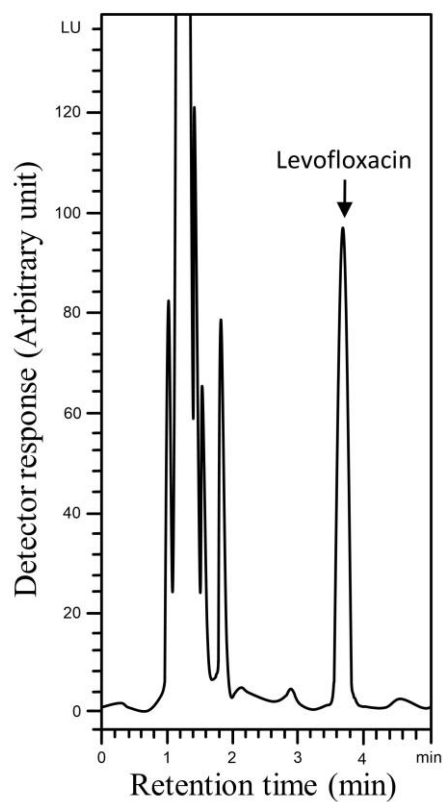
**Figure S47.** Chromatogram of serum sample collected at 1 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 5).



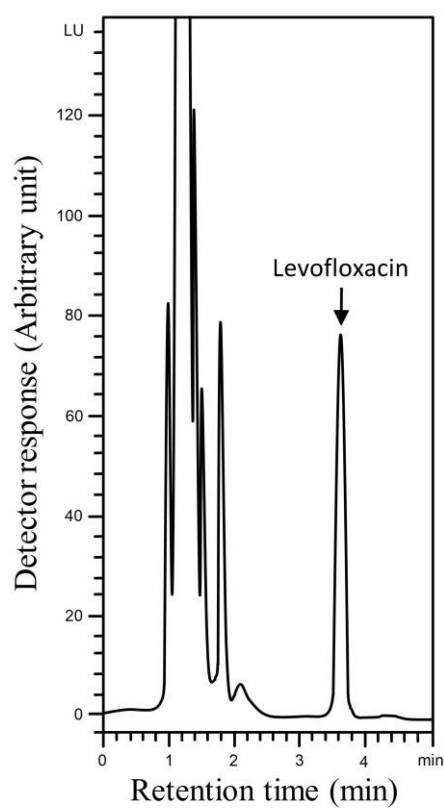
**Figure S48.** Chromatogram of serum sample collected at 2 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 5).



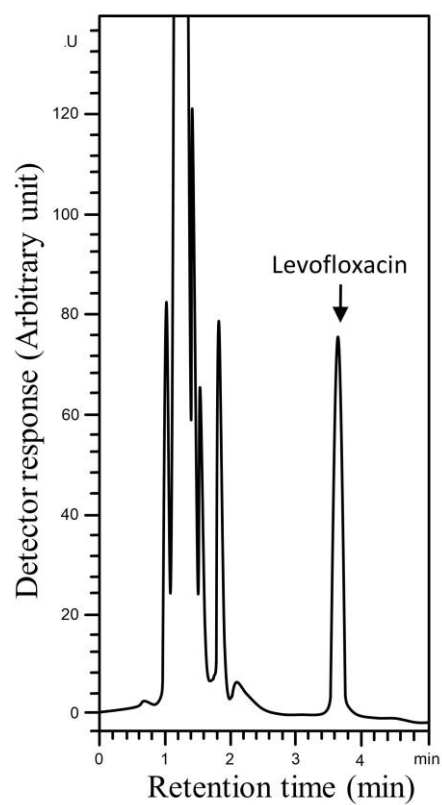
**Figure S49.** Chromatogram of serum sample collected at 3 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 5).



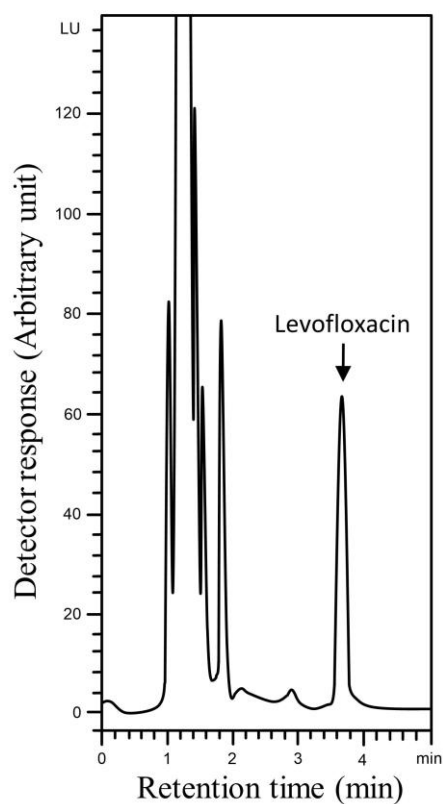
**Figure S50.** Chromatogram of serum sample collected at 4 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 5)



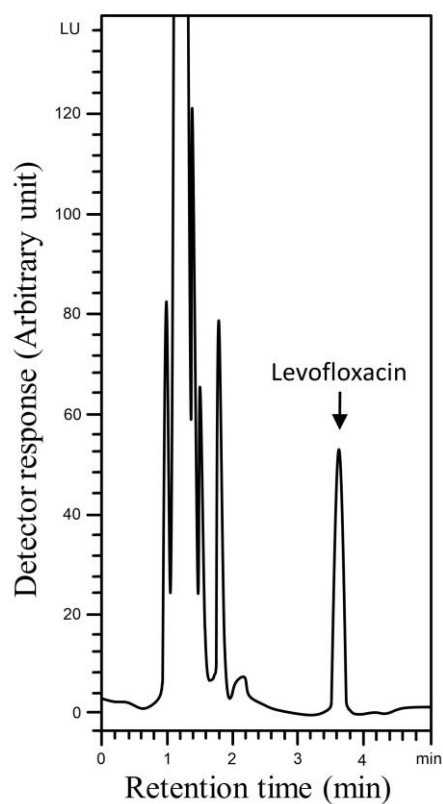
**Figure S51.** Chromatogram of serum sample collected at 6 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 5).



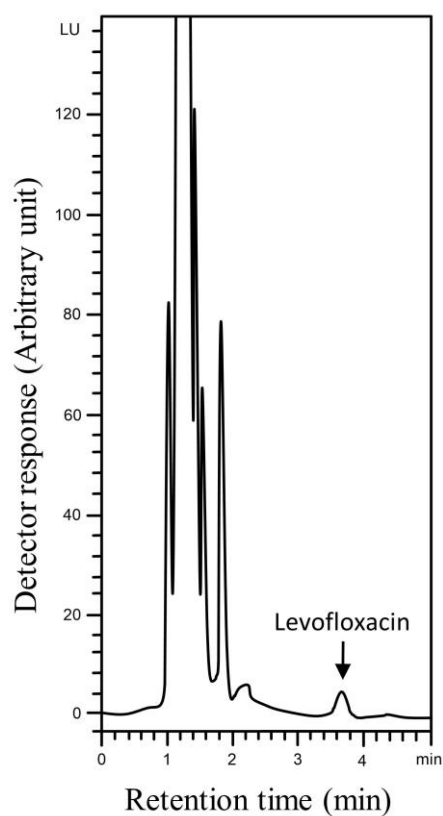
**Figure S52.** Chromatogram of serum sample collected at 8 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 5).



**Figure S53.** Chromatogram of serum sample collected at 10 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 5).



**Figure S54.** Chromatogram of serum sample collected at 12 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 5).



**Figure S55.** Chromatogram of serum sample collected at 24 h after the administration of a single 500 mg dose levofloxacin tablet (volunteer 5).

### Supplementary Table

**Table S1.** Mean concentrations at different sampling times after administration of a single oral of 500 mg dose levofloxacin tablet (n = 5).

Time (h)	Concentration (mean $\pm$ SD)	
0.5	1968.2	276.9913
1	4738.8	260.2397
2	5393.2	487.5097
3	4871.2	366.4911
4	4384.4	369.7787
6	3697.2	339.9157
8	3268.6	261.1212
10	2705.4	227.6396
12	2184.2	212.4128
24	291	43.21458