

*Supplementary material*

Table S1: Intra- and inter-day (n=6) imprecision (CV) and inaccuracy (bias) for the different analytes (LC-MS/MS)

Analyte	Concentration (ng/mL)	Interday		Intraday	
		CV (%)	Bias (%)	CV (%)	Bias (%)
Apixaban	40	8.3	2.8	3.7	9.9
	150	5.6	6.9	5.6	9.0
	300	8.0	8.6	7.7	7.0
Rivaroxaban	40	6.0	7.1	3.6	7.2
	150	4.4	6.1	5.1	5.9
	300	11.5	10.6	2.4	10.1
Edoxaban	40	5.9	-9.6	4.7	-8.9
	150	5.2	-8.7	2.6	-1.5
	300	9.2	-3.5	6.6	-5.5
Edoxaban M4	40	6.3	-3.2	3.0	3.8
	150	6.6	-2.9	4.1	10.8
	300	7.2	2.2	5.9	6.8