Supplementary Materials

Selection of an Optimal Metabolic Model for Accurately Predicting the Hepatic Clearance of Albumin-Binding-Sensitive Drugs

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Table S1. Extraction recovery (%) of diazepam, diclofenac, rosuvastatin, fluoxetine, and tolbutamide determined by LC–MS/MS analyses (n = 3)

Analyte	Concentration (ng/mL)	Recovery (%)	CV (%)
Diazepam	1000	80.1±2.4	3.01
Diclofenac	1000	50.7±1.7	3.44
Rosuvastatin	1000	68.8±0.9	1.27
Fluoxetine	1000	63.0±4.3	6.83
Tolbutamide	1000	81.7±0.8	0.95

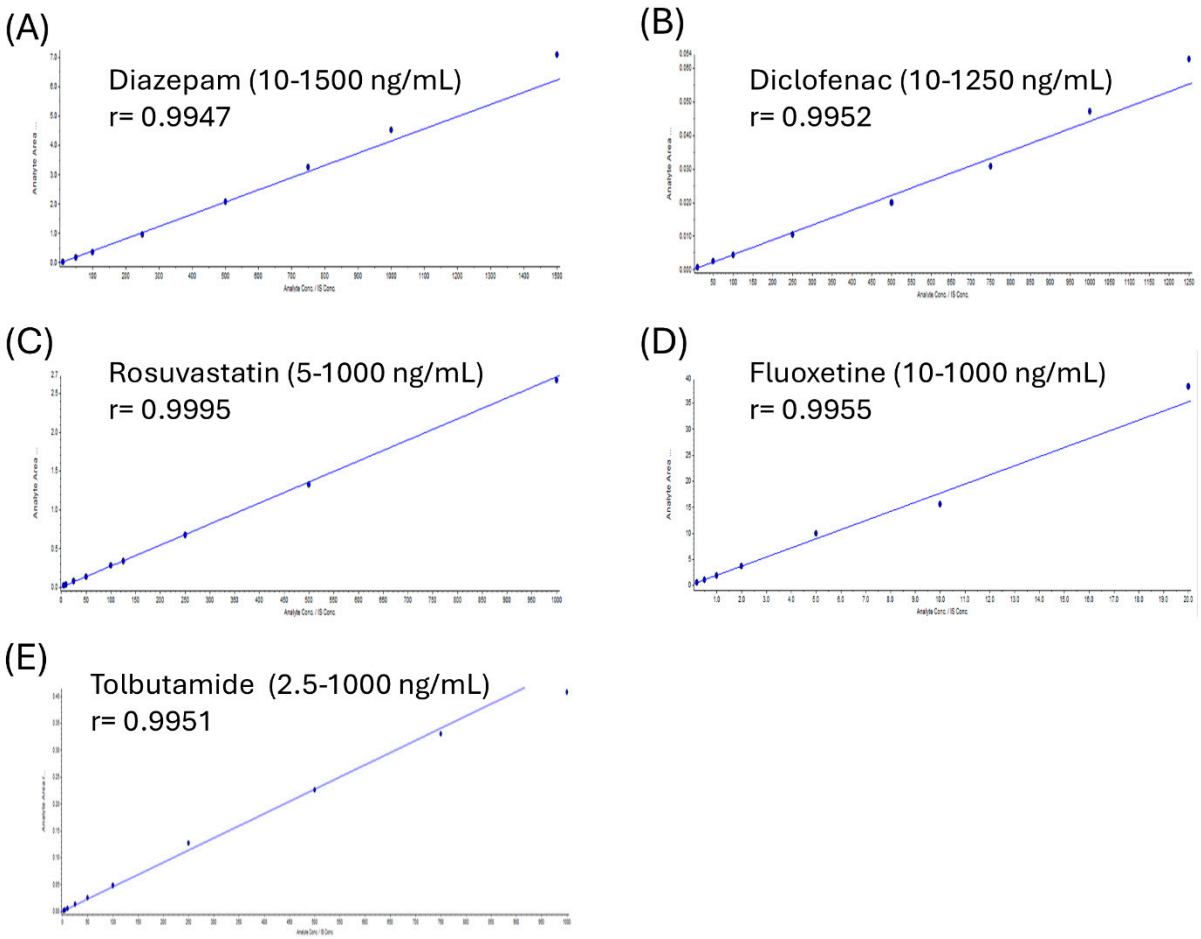

Figure S1. Calibration curves of the tested drugs (A–E) used in IPRL analysis. Calibration ranges are indicated in parentheses, and correlation coefficients (r) are provided to demonstrate the linearity of each curve.

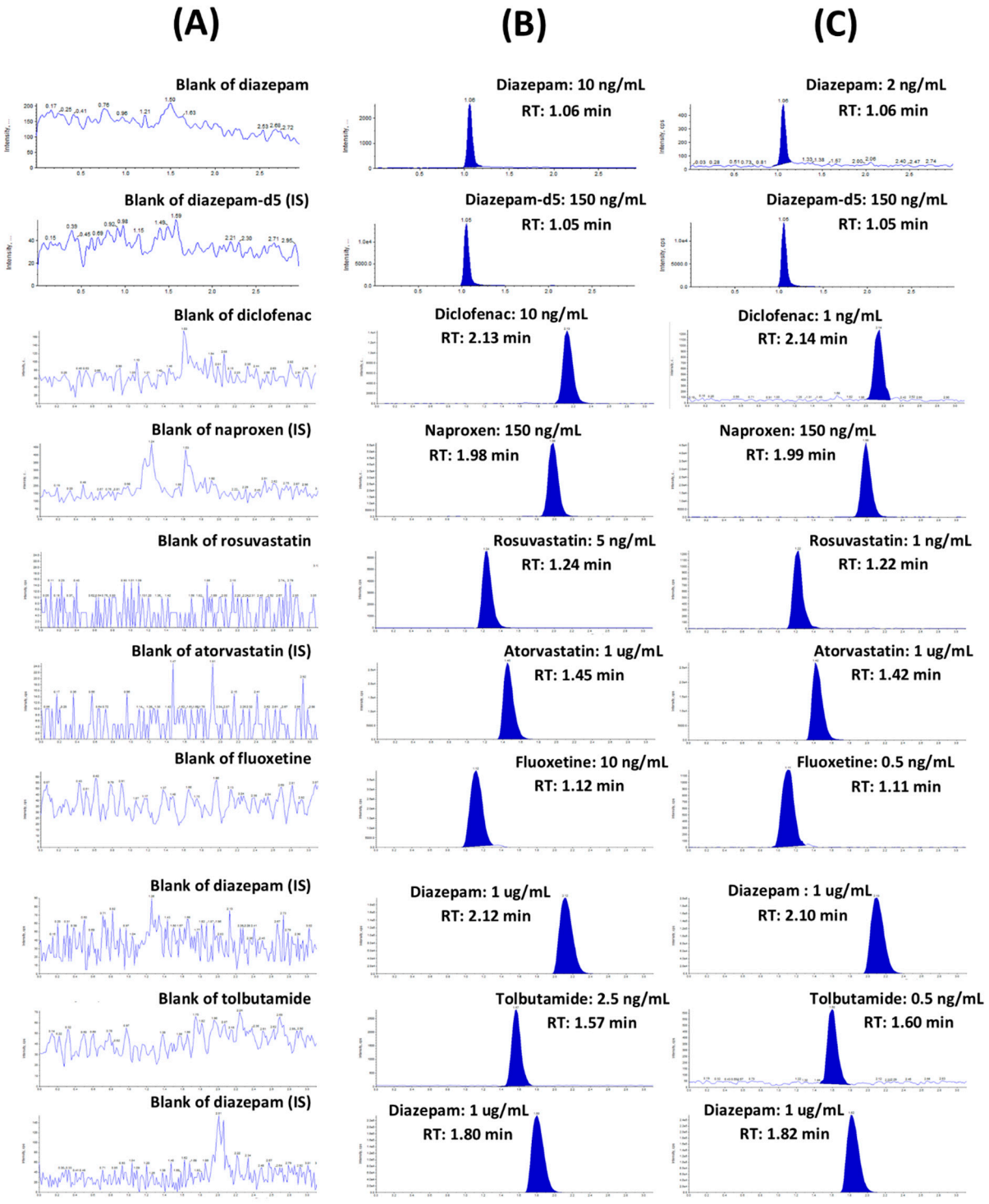

Figure S2. Liquid chromatography mass spectrometry of diazepam, diclofenac, rosuvastatin, fluoxetine, tolbutamide, and internal standard (IS) in Krebs buffer. MRM chromatograms of (A) blank Krebs buffer; (B) blank Krebs buffer spiked with analytes and IS at LOQ; (C) blank Krebs buffer spiked with analytes and IS at LOD.