Supplementary Materials

Fast and Sensitive Bioanalytical Method for the Determination of Deucravacitinib in Human Plasma using HPLC-MS/MS; Application and Greenness Evaluation

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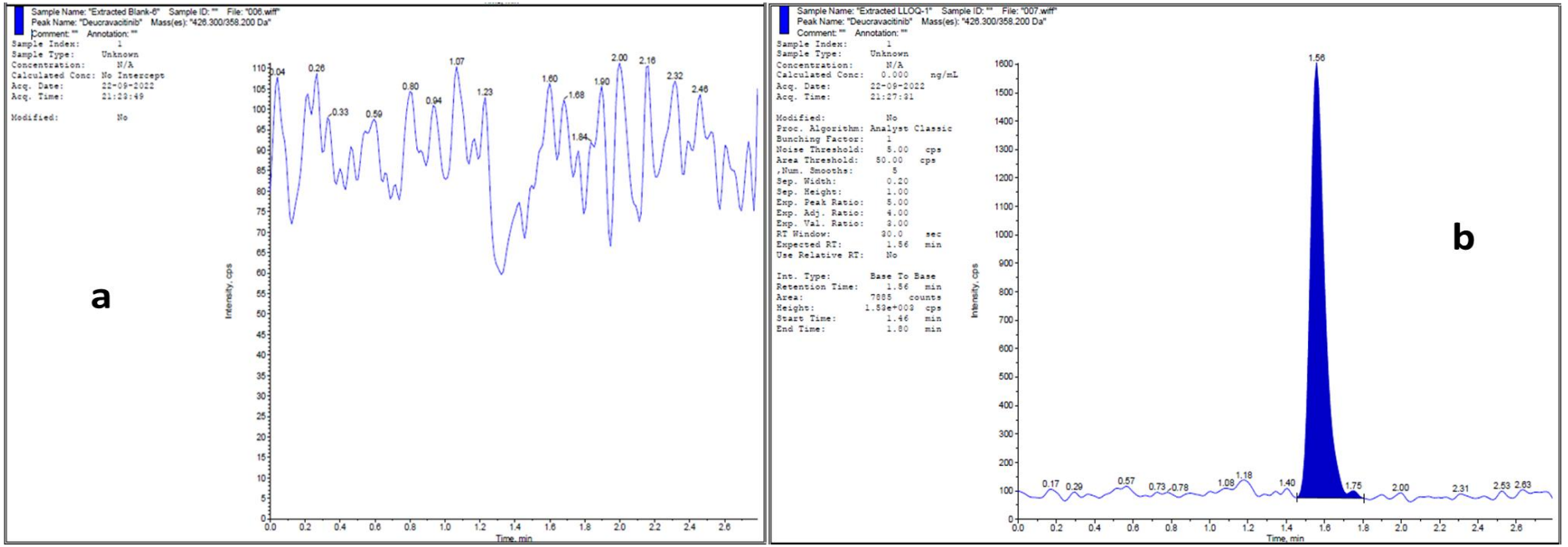

Figure S1: (**a**) Deucravacitinib, extracted blank plasma chromatogram, and (**b**) Deucravacitinib, extracted LLOQ chromatogram.

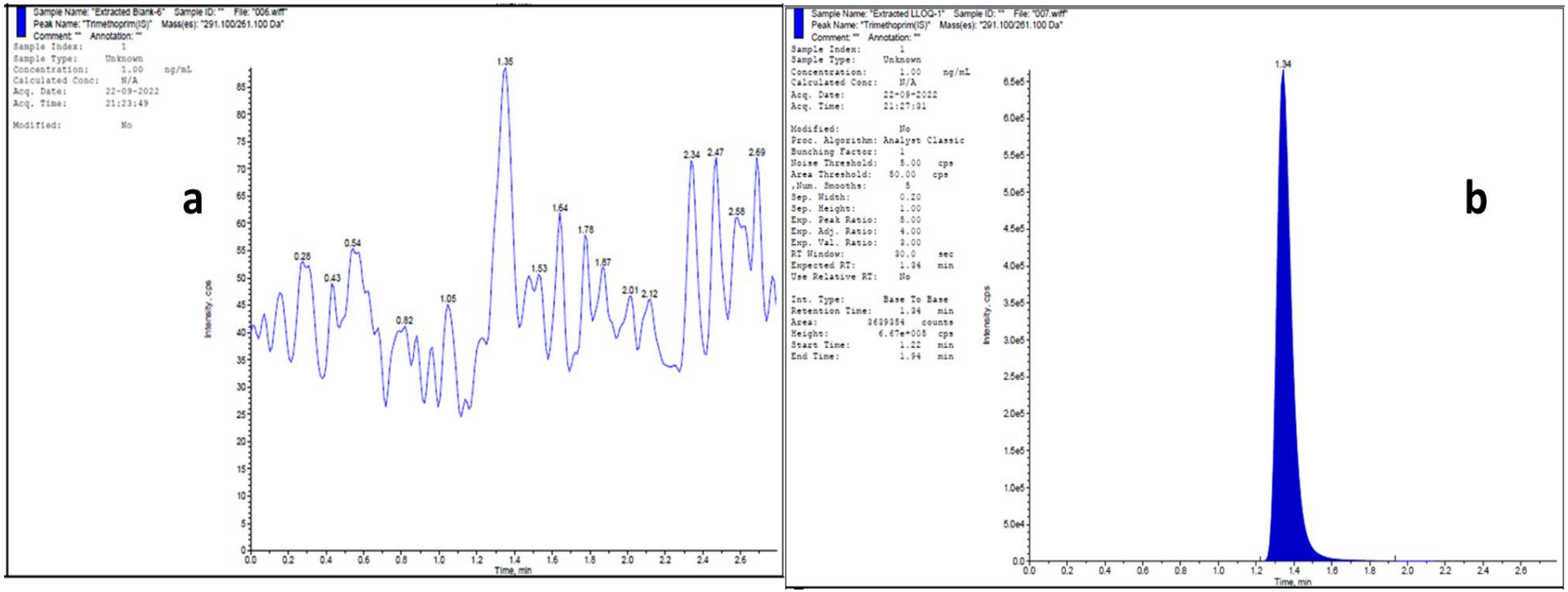

Figure S2: (**a**) Trimethoprim (IS), extracted blank plasma chromatogram, (**b**) Trimethoprim (IS), extracted LLOQ chromatogram**.**

Table S1: Calculation of % interference in blank

Sample Name	Area observed at RT of Analyte	Area observed at RT of IS	% Interference at analyte RT	% Interference at IS RT
Blank	183	385	2.32	0.01
LLOQ	7885	3639354		
Blank	259	376	3.26	0.01
LLOQ	7938	3716553		
Blank	286	0	3.61	0.00
LLOQ	7919	3755307		
Blank	0	118	0.00	0.00
LLOQ	9965	3810218		
Blank	249	293	3.16	0.01
LLOQ	7888	3813922		
Blank	0	0	0.00	0.00
LLOQ	7814	3978417		