

Supporting Information

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Development of ledipasvir and sofosbuvir pure certified reference materials for improving quality of pharmaceutical analysis

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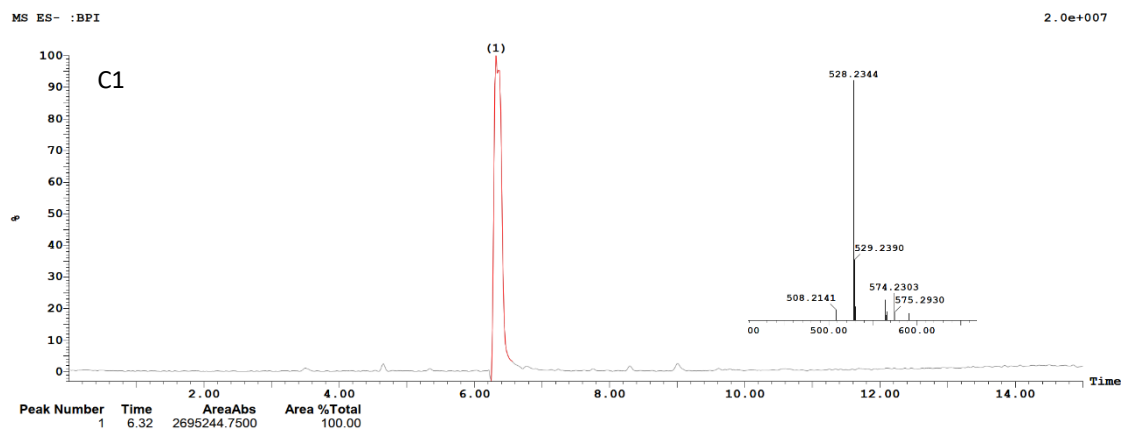


Figure S1: Typical MRM chromatograms and ion spectra of sofosbuvir in the negative electrospray ionization (ESI-) mode at collision energy of 2 V.

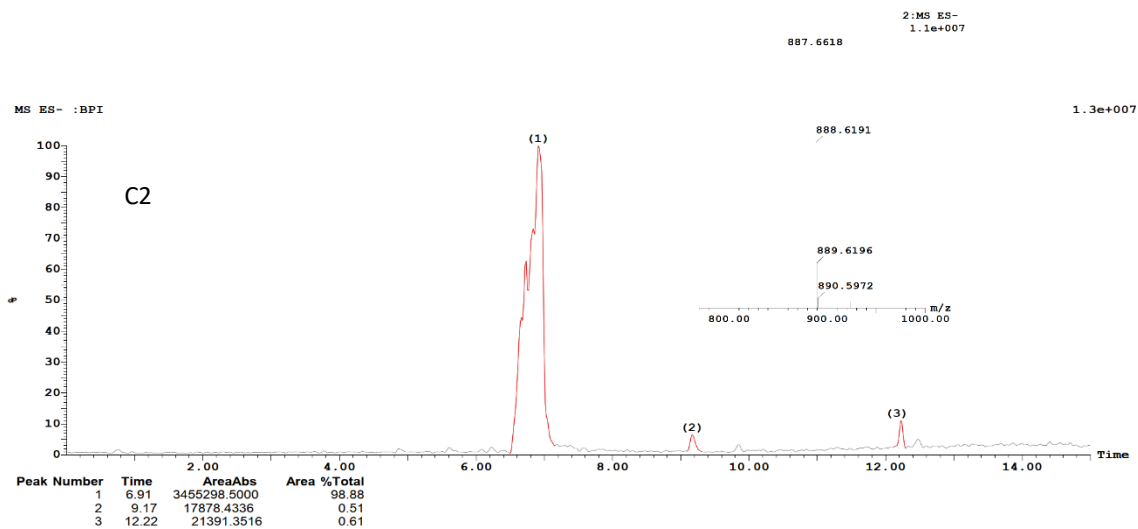


Figure S2: Typical MRM chromatograms and ion spectra of ledipasvir in the negative electrospray ionization (ESI-) mode at collision energy of 2 V.

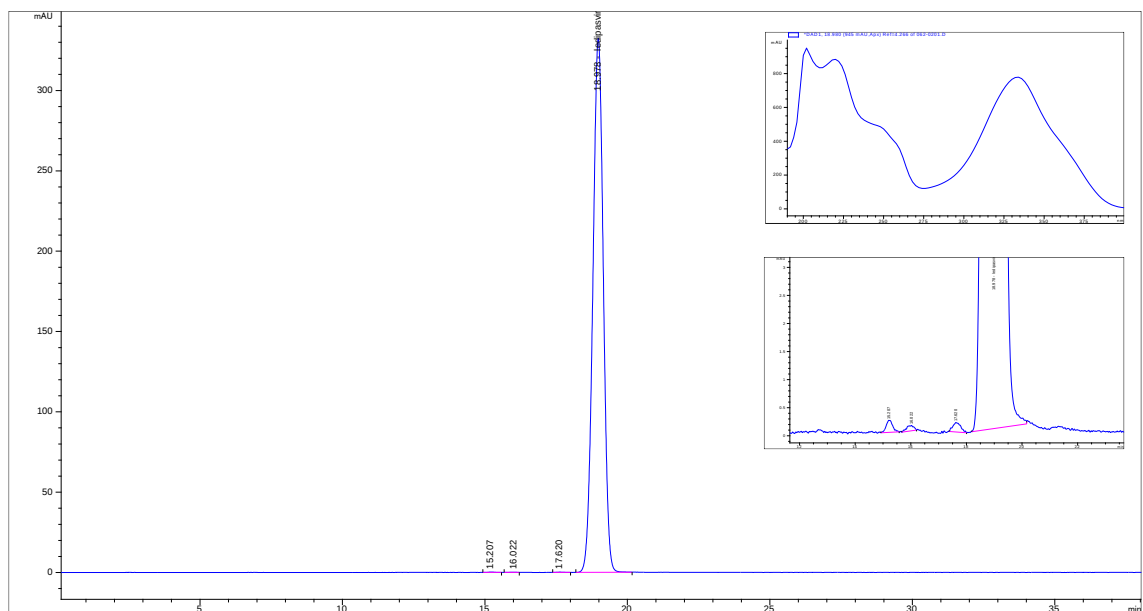


Figure S3: Liquid chromatographic chromatogram and UV spectrum of ledipasvir by ZORBAX SB-C18 column and UV detection at 330 nm

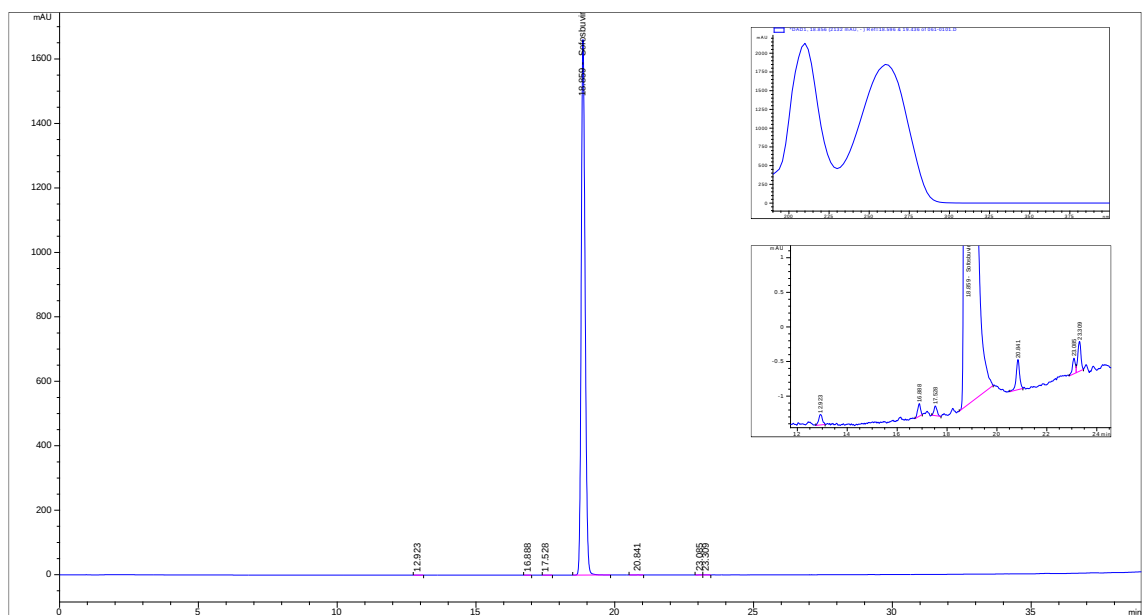


Figure S4: Liquid chromatographic chromatogram and UV spectrum of sofosbuvir in by ZORBAX SB-C18 column and UV detection at 260 nm

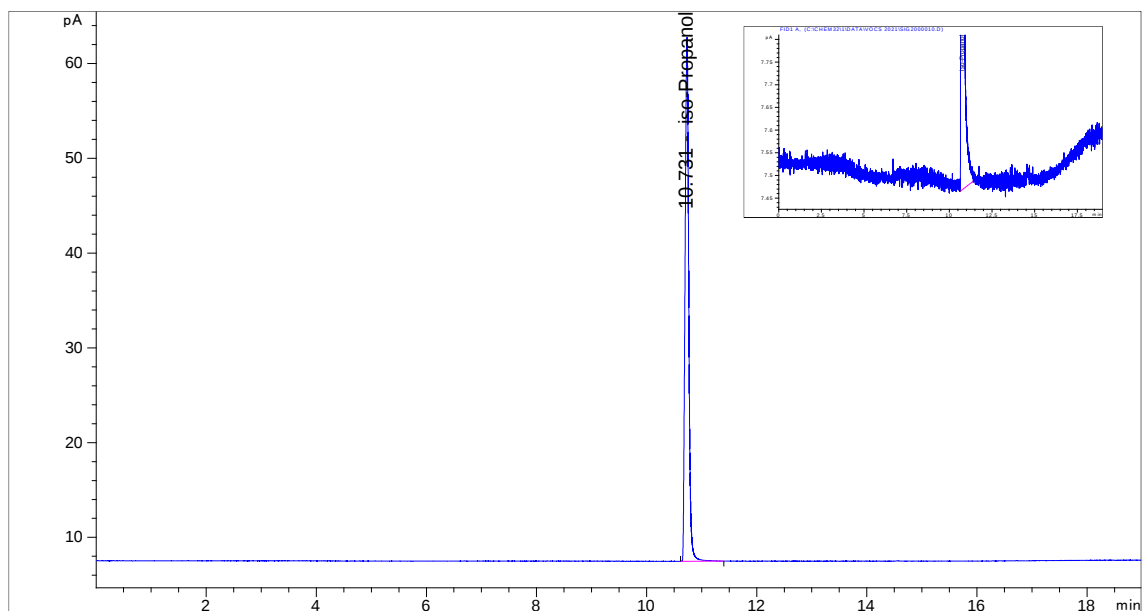


Figure 5: Gas chromatographic chromatogram of VOCs and residual solvents by headspace sampler and DB-VRX column

Table S1: Certified values and uncertainty of NIST reference materials used for anions quantification

SRM Code	Analyte	Certified Value (mg/kg)	Uncertainty (mg/kg)
SRM 3181	Sulfate	1000	1.6
SRM 3182	Chloride	1004	1.9
SRM 3183	Fluoride	996.8	3.1
SRM 3184	Bromide	999.3	2.3
SRM 3185	Nitrate	1000.6	1.8
SRM 3186	Phosphate	1000.5	4.1