Table S2. Post-hoc analysis pharmacodynamic (PD) model comparisons for the exposure-response analysis of disulfiram and metabolites on cell-associated unspliced HIV RNA, using third baseline value only. Each metabolite model represents a separate model that included only the metabolite itself. P-values are from likelihood ratio tests comparing models to the reference model.

Model	-2 Log Likelihood (OFV)	P[a]	P[b]	df
No drug effect	3603.14	--	--	0
Drug effect[c]	3590.33	3.4×10^{-4}	--	1
Dose effect[d]	3589.18	0.003	0.56	3
Drug exposure effect[e]				
$AUC_{0\text{-}72}$ DSF effect	3586.06	0.002	0.23	4
$AUC_{0\text{-}72}$ M1 effect	3585.49	0.001	0.18	4
$AUC_{0\text{-}72}$ M2 effect	3590.45	0.013	1.0	4
$AUC_{0\text{-}72}$ M3 effect	3582.92	4.5×10^{-4}	0.06	4
$AUC_{0\text{-}72}$ M4 effect	3588.66	0.006	0.65	4

Abbreviations: OFV = objective function value; df = degrees of freedom; AUC = area under the time by concentration curve; DSF = disulfiram; M1-M4 = metabolites 1-4. [a] Reference model is the "No drug effect" model. [b] Reference model is the "Drug effect" model. [c] Drug effect model: changes in CA-US RNA during and after disulfiram administration, with both a fixed and random effect for during/after vs before disulfiram administration. [d] Dose effect: changes in CA-US RNA over time by administered disulfiram dose. [e] Drug exposure effect: changes in CA-US RNA during/after vs before disulfiram administration, by metabolite concentrations measured as the area under the curve.