





Figure S1. Selectivity (A—Blank sample; B—Spiked sample at 100 ng/mL)

Table S1. Linearity data

Analytes	Weight	Linear range (ng/mL)	Linearity		R ^{2a}	LLOQ (ng/mL)
			Slope ^a	Intercept ^a		
EME	1/x	15-800	0.0012 ± 0.0009	-0.0044 ± 0.0012	0.9946 ± 0.0012	15
COC	1/x	10-800	0.0129 ± 0.0073	0.0744 ± 0.0587	0.9919 ± 0.0056	10
COET	1/x	20-800	0.0137 ± 0.0025	0.0779 ± 0.0438	0.9938 ± 0.0048	20
BEG	1/x	10-800	0.0169 ± 0.0007	-0.0390 ± 0.0112	0.9980 ± 0.0094	10
NCOC	1/x	15-800	0.0069 ± 0.0004	0.0063 ± 0.0054	0.9952 ± 0.0032	15
COD	1/x	20-300	0.0003 ± 0.0000	0.0071 ± 0.0042	0.9904 ± 0.0017	20
MOR	1/x	15-300	0.0021 ± 0.0006	-0.0115 ± 0.0094	0.9990 ± 0.0011	15
6-MAM	1/x	10-300	0.0003 ± 0.0000	-0.0018 ± 0.0013	0.9968 ± 0.0026	10

^aMean values ± standard deviation; **Quality controls:** 25, 40, 300 and 700 ng/mL (for COC and metabolites); 25, 40, 150 and 250 ng/mL (for opiates).

Table S2. Intraday precision and accuracy

Analytes	Spiked (ng/mL)	Intra-day (n = 6)	
		CV (%)	RE ^a (%)
EME	25	0.19	14.68
	40	0.53	14.88
	100	0.24	14.67
	300	0.88	14.60
	700	0.04	14.96
COC	25	14.76	-1.90
	40	4.41	1.86
	100	11.97	-10.75
	300	12.54	3.30
	700	0.49	14.09
COET	25	6.31	10.58
	40	6.10	9.24
	100	5.82	4.33
	300	3.59	10.68
	700	0.31	14.93
BEG	25	14.90	1.81
	40	4.36	-4.49
	100	1.05	-14.59
	300	3.61	-12.54
	700	9.08	-6.41
NCOC	25	3.13	14.63
	40	6.89	6.79
	100	11.99	-5.08
	300	12.74	12.19
	700	5.50	-12.42
COD	25	1.45	-11.98
	40	14.65	-9.39
	100	0.53	14.88
	150	4.69	11.68
	250	13.71	14.79
MOR	25	8.91	-8.91
	40	4.11	3.30
	100	3.94	10.73
	150	9.89	-0.08
	250	10.56	-2.34
6-MAM	25	2.23	12.27
	40	6.48	7.20
	100	0.20	14.70
	150	7.49	-3.51
	250	3.69	10.25

CV - coefficient of variation, RE - relative error; relative error [(measured concentration - spiked concentration/spiked concentration) × 100]