Table S1. Statistical significance values (p) for differences between adjusted GM concentrations of mono-2-ethyl-5-hydroxyhexyl terephthalate (MEHHTP) and mono-2-ethyl-5-carboxypentyl terephthalate (MECPTP) for various demographic groups and examination period.

Comparison groups	p value	
	MEHHTP	MECPTP
Sex		
Male vs. Female	0.04	0.002
Household income (U.S. $)		
<20K vs. 20-<45K	0.1109	0.3872
<20K vs. 45-<75K	0.0097	0.2968
<20K vs. ≥75K	<0.0001	0.0013
20-<45K vs. 45-<75K	0.5655	0.7912
20-<45K vs. ≥75K	0.0015	0.0038
45-<75K vs. ≥75K	0.0057	0.0153
Examination period		
Morning vs. Afternoon	0.5601	0.3491
Morning vs. Evening	0.0842	0.002
Afternoon vs. Evening	0.0084	0.0054

Table S2. Adjusted[a] geometric mean (GM) urinary concentrations of mono-2-ethyl-5-carboxypentyl phthalate (MECPP) in the U.S. population from NHANES 2015-2016, and statistical significance values (p) for differences among household income groups.

Household income (U.S. $)[a]	MECPP, µg/L Adjusted GM (95% confidence interval)
<20K	9.01(7.42-10.95)
20K-<45K	9.14(8.42-9.92)
45K-<75K	10.12(8.46-12.11)
≥75K	7.85(7.23-8.51)
Comparison groups	p values
<20K vs. 20-<45K	0.9011
<20K vs. 45-<75K	0.3355
<20K vs. ≥75K	0.1422
20-<45K vs. 45-<75K	0.277
20-<45K vs. ≥75K	0.0202
45-<75K vs. ≥75K	0.0155

[a]For MECPP, only household income (p=0.0294) was included in the final model. For the other DEHP metabolite, mono-2-ethyl-5-hydroxyhexyl phthalate (MEHHP), only age was marginally significant (p=0.055, beta=-0.00078); no covariates were significantly associated with MEHHP concentrations.

Table S3. Adjusted[a] geometric mean (GM) urinary concentrations by examination period of mono-2-ethyl-5-hydroxyhexyl phthalate (MEHHP) and mono-2-ethyl-5-carboxypentyl phthalate (MECPP) in the U.S. population from NHANES 2015-2016.

Examination period	MEHHP, µg/L Adjusted GM (95% confidence interval)	MECPP, µg/L Adjusted GM (95% confidence interval)
Morning (8.00-12.00 hr)	5.83(5.25-6.48)	9.11(8.17-10.16)
Afternoon (12.30-16.00 hr)	6.03(5.53-6.56)	9.46(8.48-10.55)
Evening (16.30-20.00 hr)	5.00(4.18-5.97)	7.82(6.46-9.47)

[a]Examination period was not significantly associated with the concentrations of MEHHP or MECPP (both p=0.2).
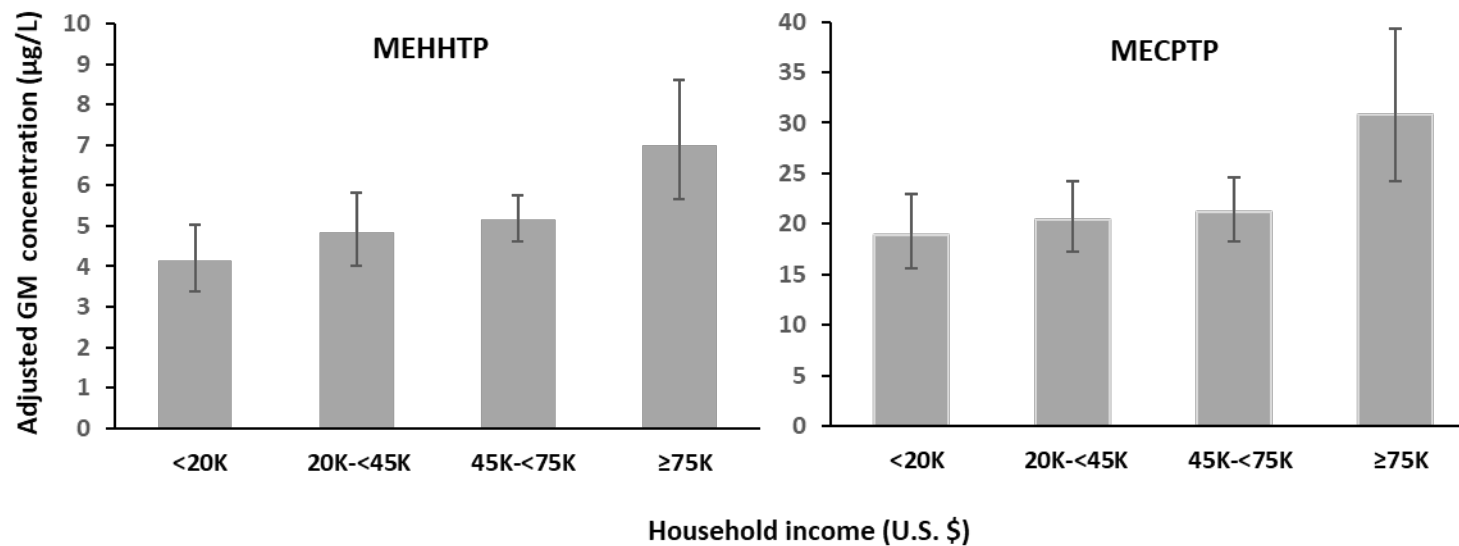
Figure S1. Adjusted geometric mean urinary concentrations of mono-2-ethyl-5-hydroxyhexyl terephthalate (MEHHTP) and mono-2-ethyl-5-carboxypentyl terephthalate (MECPTP) based on household income (in US $) from NHANES 2015-2016. Error bars represent the upper and lower 95% confidence intervals.