

SUPPLEMENTARY MATERIAL TO
**Evaluation of a method for phthalate extraction from milk
related to the milk dilution ratio**

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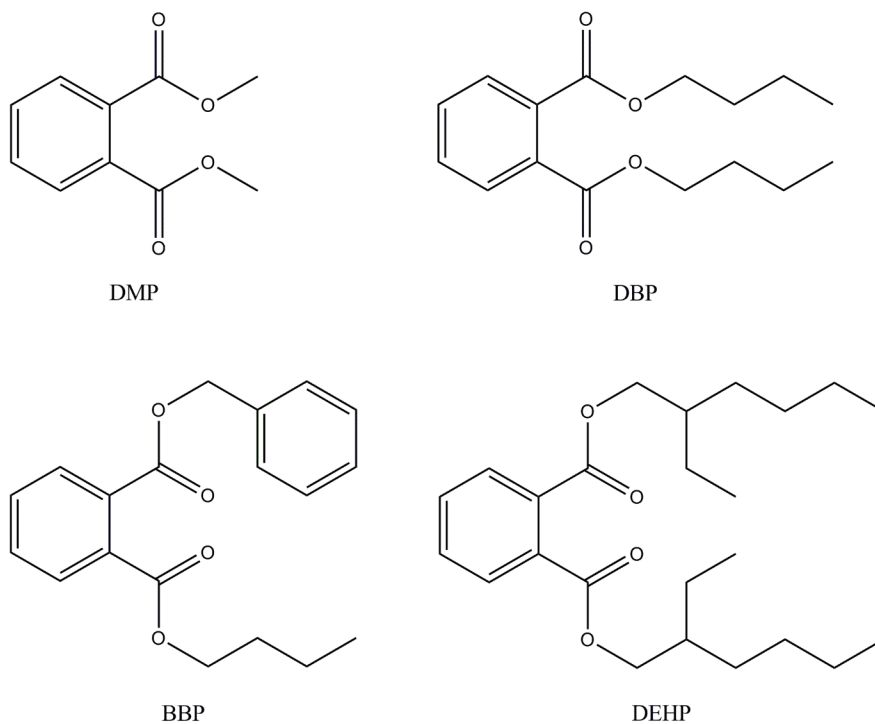


Fig. S-1. The chemical structures of the four studied phthalates.

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TABLE S-I. Physicochemical properties of the four studied phthalate esters

Name	Acronym	CAS number	Molecular weight, g mol ⁻¹	Boiling point, °C	Water solubility at 25 °C, mg L ⁻¹	log <i>K</i> _{ow} 25 °C
Dimethyl phthalate	DMP	131-11-3	194.18	282	4200	1.5
Di- <i>n</i> -butyl phthalate	DBP	84-74-2	278.35	340	11.2	4.6
Benzyl butyl phthalate	BBP	85-68-7	312.36	370	2.7	4.7
Di-(2-ethylhexyl) phthalate	DEHP	117-81-7	390.56	386	3e ⁻³	7.6

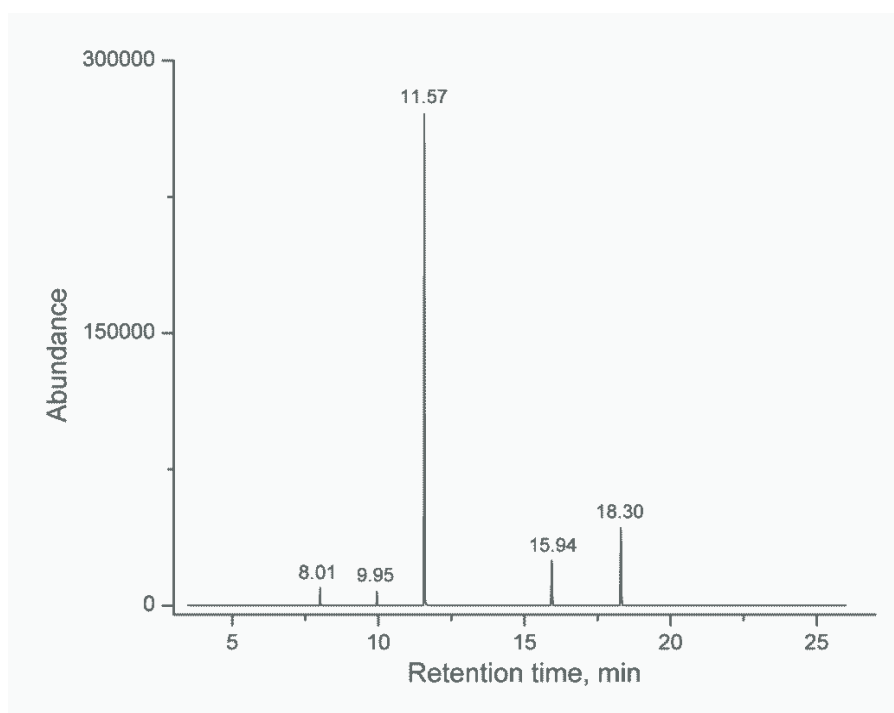


Fig. S-2. GC-MS chromatogram of a standard solution containing the phthalates: DMP, DBP, BBP and DEHP each at a concentration of 0.25 µg mL⁻¹.