

Table S1. Phenolic compounds and derived metabolites searched in the urine samples by UPLC-ESI-QTOF-MS.

Hydroxy-tyrosol (HXT)	Homovanillic acid/alcohol sulphate	3-O-Feruloylquinic acid	EC-O-Glucuronide	4'-O-Methyl-EGC-O-sulphate	5-(3',4'/3',5'/4',5')-DHP)- γ -VL glucuronide sulphate
Methyl-HXT	Caffeic acid	Feruloylquinic acid glucuronide	EC-O-Sulphate	4'-O-Methyl-EGC-O-sulfoglucuronide	5-(3',4'/3',5'/4',5')-DHP)- γ -VL glucuronide disulphate
HXT-glucuronide	3-O-Caffeoyl-quinic acid (chlorogenic acid)	Dihydroferulic acid	EC-O-Sulfoglucuronide	(Epi)Catechin gallate (ECG)	O-Methyl- 5-(3',4'/3',5'/4',5')-DHP)- γ -VL glucuronide
HXT-sulphate	Caffeic acid 3/4-sulphate	Dihydroferulic acid 4-O-glucuronide	(3'/4')-methyl-ec	Gallic acid	O-Methyl- 5-(3',4'/3',5'/4',5')-DHP)- γ -VL sulphate
HXT-methyl ether	Dihydrocaffeic acid 3-O-glucuronide	Dihydroferulic acid 4-sulphate	(3'/4')-Methyl-EC-O-sulphate	(3'/4')-O-Methylgallic acid	5-(3',4',5'-THP)- γ - VL
HXT-methyl ether glucoside	Dihydrocaffeic acid 3-sulphate	<i>p</i> -Coumaric acid	(Epi)gallo catechin (<i>egc</i>)	HP Valeric acid glucuronide	5-(3',4',5'-THP)- γ - VL glucuronide
Tyrosol (ty)	Caffeic acid 3/4-O-glucuronide	<i>p</i> -Coumaric acid sulphate	Egc-o-glucuronide	5-(HP)- γ -VL glucuronide	5-(3',4',5'-THP)- γ - VL sulphate
Ty-glucuronide	(Iso)Ferulic acid	4-Ethylcatechol	EGC-O-sulphate	5-(HP)- γ -VL glucuronide sulphate	5-(3',4',5'-THP)- γ -VL glucuronide sulphate
Ty-sulphate	Ferulic acid 4-O-sulphate	Ethylcatechol glucuronide	(3'/4')-O-Methyl-EGC	5-(3',4'/3',5')-DHP)- γ -VL	Methyl-5-(3',4',5'-THP)- γ -VL- glucuronide
Homovanillic acid/alcohol	Ferulic acid 4-O-glucuronide	(Epi)catechin (<i>ec</i>)	4'-O-Methyl-EGC-O-glucuronide	5-(3',4'/3',5'/4',5')-DHP)- γ -VL glucuronide	Methyl-5-(3',4',5'- THP)- γ -VL sulphate