

Table 8c. Table showing all the unsaturated acid volatiles reported in the literature that have been detected in faeces, urine, breath, skin secretions, milk, blood and saliva from healthy humans

CAS-number	Compound name	Faeces	Urine	Breath	Skin	Milk	Blood	Saliva
79-10-7	2-propenoic acid				Sk			
107-93-7	2-butenic acid				Sk			
626-98-2	2-pentenoic acid			Br				
13201-46-2	2-methyl-2-butenic acid			Br	Sk			
3675-21-6	3-methyl-2-pentenoic acid				Sk			
10321-71-8	4-methyl-2-pentenoic acid			Br				
27960-21-0	(E)-3-methyl-2-hexenoic acid				Sk			
54068-86-9	(Z)-3-methyl-2-hexenoic acid				Sk			
18719-24-9	7-octenoic acid			Br	Sk			
30801-91-3	(E)-3-methyl-2-octenoic acid				Sk			
903503-35-5	(E)-4-methyloct-3-enoic acid				Sk			
903503-34-4	(Z)-4-methyloct-3-enoic acid				Sk			
ui	nonenoic acid ui / unsaturated c9 acid				Sk			
80113-38-8	E-4-methylnon-3-enoic acid				Sk			
ui	unsaturated c10 acid / decenoic acid ui				Sk			
14436-32-9	9-decenoic acid				Sk			
ui	unsaturated c11 acid /undecenoic acid				Sk			
112-38-9	10-undecenoic acid				Sk			
26444-03-1	tetradecenoic acid				Sk			
26444-04-2	pentadecenoic acid				Sk			
15451-50-0	9-pentadecenoic acid				Sk			
373-49-9	9-hexadecenoic acid / palmitoleic acid				Sk			Sa
26265-99-6	heptadecenoic acid				Sk			Sa
10136-52-4	9-heptadecenoic acid				Sk			Sa
2027-47-6	9-octadecenoic acid / oleic acid				Sk			Sa
83592-56-7	9,12-octadienoic acid				Sk			
60-33-3	(9Z,12Z)-9,12-octadecadienoic acid / linoleic acid							Sa
26265-99-6	heptadecenoic acid				Sk			Sa
10136-52-4	9-heptadecenoic acid				Sk			Sa
2027-47-6	9-octadecenoic acid / oleic acid				Sk			Sa
83592-56-7	9,12-octadienoic acid				Sk			
60-33-3	(9Z,12Z)-9,12-octadecadienoic acid / linoleic acid							Sa

NOTES ui unidentified isomer