

Supplementary Table S1

Compounds selected and subjected to further statistical analysis after an untargeted metabolomic analysis of blood serum samples.

	Compound	m/z	RT [min]	Analysis mode
1	Vitamin A	287.23588	22.18	PFP positive
2	Theophylline	181.07193	8.49	
3	Taurine	126.02203	1.07	
4	Stachydrine	144.10187	1.45	
5	Serotonin	177.10216	8.09	
6	Pipercitine	350.34143	22.71	
7	Myristic acid	211.20560	24.08	
8	Methylxanthine	167.06637	1.46	
9	L-Proline	116.07087	1.74	
10	Hypaphorine	247.14395	11.29	
11	<b>Creatinine</b>	114.06643	2.76	
12	<b>Creatine</b>	132.07686	1.78	
13	Alanylleucine	203.13906	15.76	
14	3,4-Diaminopyridine	110.07157	1.76	
15	1-Linoleoyl-sn-glycero-3-phosphocholine	520.33964	18.19	
16	1-Hexadecanoylpyrrolidine	310.31018	22.34	
17	Lupinine	170.15398	22.52	
18	Stearic acid	283.26428	23.12	PFP negative
19	Oleic acid	281.24860	22.37	
20	L-Palmitoylcarnitine	398.32718	20.09	
21	L-Ergothioneine	228.08080	1.46	
22	Cholic acid	407.28088	15.16	
23	Tyramine	120.08070	1.48	HILIC positive
24	Phenelzine	336.21622	1.19	
25	Hypoxanthin	137.04512	1.75	
26	Dulcin	402.21506	1.44	
27	<b>Creatinine</b>	114.06835	1.69	
28	<b>Creatine</b>	132.07675	6.96	
29	1-arachidonoyl-sn-glycero-3-phosphocholine	520.33929	2.27	
30	1-arachidonoyl-sn-glycero-3-phosphocholine	544.33963	2.19	
31	Oleuropein	539.17627	3.89	HILIC negative
32	Brassylic acid	243.15981	4.07	
33	Amylose	389.13882	8.76	

RT – retention time, compounds in bold were present in different analysis mode