

Table S1. Correlation matrix (Pearson) between different evaluated compounds.

Variables	Lauric	Myristic	Palmitic	Palmitoleic	Stearic	Oleic	Linoleic	Linolenic	Arachidic	Gondoic	Behenic	Lignoceric	1-Octacosanol	γ -Tocopherol	α -Tocopherol	Fagarol	Campesterol	Stigmasterol	1-Triacontanol	β -Sitosterol	Pregn-5-en-3-ol	Yield	DPPH	Induction time
Lauric	1	0.534	-0.851	-0.999	-0.750	0.775	-0.770	0.775	-0.852	-0.981	-0.907	0.123	-0.346	0.285	-0.403	-0.713	-0.718	-0.895	-0.426	-0.365	-0.774	0.142	0.852	-0.724
Myristic	0.534	1	-0.843	-0.513	-0.903	0.885	-0.884	0.883	-0.800	-0.665	-0.368	0.812	0.565	0.710	0.549	-0.973	-0.971	-0.431	0.517	0.576	-0.839	0.715	0.344	-0.647
Palmitic	-0.851	-0.843	1	0.849	0.985	0.991	0.990	-0.991	0.996	0.937	0.810	-0.625	-0.036	-0.369	-0.036	0.922	0.941	0.848	0.010	-0.062	0.988	0.227	0.793	0.914
Palmitoleic	-0.999	-0.513	0.849	1	0.747	0.772	0.768	-0.773	0.855	0.980	0.926	-0.120	0.381	-0.238	0.431	0.694	0.702	0.914	0.456	0.396	0.777	0.179	0.876	0.742
Stearic	-0.750	-0.903	0.985	0.747	1	0.999	0.999	-0.999	0.977	0.864	0.714	-0.748	-0.180	-0.404	-0.194	0.943	0.963	0.766	-0.144	-0.215	0.991	0.356	0.708	0.905
Oleic	-0.775	-0.885	0.991	0.772	0.999	1	1.000	-1.000	0.985	0.883	0.745	-0.723	-0.135	-0.379	-0.149	0.934	0.955	0.795	-0.099	-0.170	0.995	0.314	0.738	0.917
Linoleic	-0.770	-0.884	0.990	0.768	0.999	1.000	1	-1.000	0.985	0.880	0.744	-0.728	-0.136	-0.373	-0.151	0.932	0.953	0.794	-0.101	-0.172	0.995	0.314	0.738	0.920
Linolenic	0.775	0.883	-0.991	-0.773	-0.999	1.000	-1.000	1	-0.986	-0.883	-0.747	0.722	0.132	0.376	0.146	-0.933	-0.954	-0.796	0.096	0.167	-0.995	0.311	0.741	-0.919
Arachidic	-0.852	-0.800	0.996	0.855	0.977	0.985	0.985	-0.986	1	0.937	0.848	-0.613	0.033	-0.282	0.022	0.884	0.908	0.885	0.072	0.000	0.991	0.154	0.839	0.945
Gondoic	-0.981	-0.665	0.937	0.980	0.864	0.883	0.880	-0.883	0.937	1	0.907	-0.314	0.222	-0.318	0.259	0.813	0.824	0.913	0.292	0.225	0.882	0.016	0.865	0.824
Behenic	-0.907	-0.368	0.810	0.926	0.714	0.745	0.744	-0.747	0.848	0.907	1	-0.170	0.557	0.110	0.547	0.539	0.572	0.996	0.590	0.530	0.786	0.387	0.993	0.860
Lignoceric	0.123	0.812	-0.625	-0.120	-0.748	0.723	-0.728	0.722	-0.613	-0.314	-0.170	1	0.604	0.302	0.685	-0.693	-0.719	-0.260	0.633	0.678	-0.713	0.662	0.217	-0.640
1-Octacosanol	-0.346	0.565	-0.036	0.381	-0.180	0.135	-0.136	0.132	0.033	0.222	0.557	0.604	1	0.698	0.985	-0.383	-0.356	0.494	0.992	0.992	-0.061	0.978	0.566	0.166
γ -Tocopherol	0.285	0.710	-0.369	-0.238	-0.404	0.379	-0.373	0.376	-0.282	-0.318	0.110	0.302	0.698	1	0.580	-0.685	-0.635	0.090	0.603	0.625	-0.284	0.802	0.196	0.021
α -Tocopherol	-0.403	0.549	-0.036	0.431	-0.194	0.149	-0.151	0.146	0.022	0.259	0.547	0.685	0.985	0.580	1	-0.349	-0.332	0.475	0.997	0.998	-0.088	0.949	0.535	0.102
Fagarol	-0.713	-0.973	0.922	0.694	0.943	0.934	0.932	-0.933	0.884	0.813	0.539	-0.693	-0.383	-0.685	-0.349	1	0.998	0.586	-0.319	-0.384	0.893	0.563	0.501	0.714
Campesterol	-0.718	-0.971	0.941	0.702	0.963	0.955	0.953	-0.954	0.908	0.824	0.572	-0.719	-0.356	-0.635	-0.332	0.998	1	0.622	-0.298	-0.364	0.921	0.535	0.541	0.758
Stigmasterol	-0.895	-0.431	0.848	0.914	0.766	0.795	0.794	-0.796	0.885	0.913	0.996	-0.260	0.494	0.090	0.475	0.586	0.622	1	0.522	0.460	0.835	0.323	0.994	0.904
1-Triacontanol	-0.426	0.517	0.010	0.456	-0.144	0.099	-0.101	0.096	0.072	0.292	0.590	0.633	0.992	0.603	0.997	-0.319	-0.298	0.522	1	0.997	-0.034	0.951	0.584	0.165
β -Sitosterol	-0.365	0.576	-0.062	0.396	-0.215	0.170	-0.172	0.167	0.000	0.225	0.530	0.678	0.992	0.625	0.998	-0.384	-0.364	0.460	0.997	1	-0.105	0.965	0.525	0.097
Pregn-5-en-3-ol	-0.774	-0.839	0.988	0.777	0.991	0.995	0.995	-0.995	0.991	0.882	0.786	-0.713	-0.061	-0.284	-0.088	0.893	0.921	0.835	-0.034	-0.105	1	0.236	0.788	0.953
Yield	0.142	-0.715	0.227	-0.179	0.356	0.314	0.314	-0.311	0.154	-0.016	-0.387	-0.662	-0.978	-0.802	-0.949	0.563	0.535	-0.323	-0.951	-0.965	0.236	1	0.408	-0.015
DPPH	0.852	0.344	-0.793	-0.876	-0.708	0.738	-0.738	0.741	-0.839	-0.865	-0.993	0.217	-0.566	-0.196	-0.535	-0.501	-0.541	-0.994	-0.584	-0.525	-0.788	0.408	1	-0.889
Induction time	-0.724	-0.647	0.914	0.742	0.905	0.917	0.920	-0.919	0.945	0.824	0.860	-0.640	0.166	0.021	0.102	0.714	0.758	0.904	0.165	0.097	0.953	0.015	0.889	1

Values in bold are different from 0 with a significance level $\alpha=0.05$.