

SUPPLEMENTARY DATA

Table S1: Chemical composition of chloroform extract obtained from *C. arvensis* by (GC-MS analysis)

N°	Peak Name	Rt	%
1	3-methyl-2-Butenoic acid	7.096	0.01
2	Pentanoic acid	7.271	0.01
3	2-Hydroxypropanoic acid	9.046	0.21
4	Hexanoic acid	9.193	0.10
5	Glycolic acid	9.328	0.03
6	Benzoic acid	12.956	0.14
7	Octanoic acid	13.37	0.03
8	Glycerol	13.898	0.27
9	Benzeneacetic acid	14.255	0.09
10	Nonanoic acid	15.891	0.07
11	Decanoic acid	18.549	0.07
12	1-Phenyl ethan-1-ol	19.101	0.04
13	Malic acid	19.811	1.02
14	2-hydroxy- Benzoic acid	20.189	0.18
15	Acetic acid	20.52	0.05
16	2(4H)-Benzofuranone, 5,6,7,7a-tetrahydro-4,4,7a-trimethyl	20.631	1.07
17	3-Hydroxy-4-methoxybenzaldehyde	20.736	0.08
18	1-Methylcyclohexanecarboxylic acid	20.937	0.06
19	Myrtenoic acid	23.325	0.03
20	Dodecanoic acid	23.899	0.17
21	L-6-deoxymannose	25.08	0.09
22	Syringaldehyde	25.31	0.05
23	D-Glucose	26.097	0.27
24	Ribitol	26.529	0.12
25	3-Hydroxy-4-methoxybenzoic acid	27.022	0.07
26	D-Xylono, 1,5-lactone	27.18	0.13
27	D-(-)-Lyxofuranose	27.61	1.09
28	Azelaic acid	27.826	0.23
29	3,7,11,15-Tetramethyl-2-hexacen	28.679	0.23
30	D-(-)-Tagatofuranose	28.736	0.12
31	2-Pentadecanone	28.815	0.11
32	Tetradecanoic acid	29.005	0.67
33	Epimethendiol	30.01	2.04
34	Syringic acid	30.476	5.22
35	D-Mannose	30.876	0.11
36	p-Coumaric acid	31.31	3.04
37	n-Pentadecanoic acid	31.412	0.15
38	α -Linolenic acid	33.108	1.92
39	Palmitelaidic acid	33.244	0.06
40	Cis-7,10,13,16-docosatetraenoic acid	33.543	0.35
41	Hexadecanoic acid	33.802	6.94
42	3-hydroxy-4-methoxy, Cinnamic acid	34.926	1.12
43	Linoleic acid, methyl ester	36.258	0.47
44	(2E)-3,7,11,15-Tetramethyl-2-hexadecen	36.721	1.85
45	17-Octadecynoic acid	37.458	5.99
46	Arachidonic acid	37.63	8.17
47	Octadecanoic acid	38.109	0.88
48	Glyceryl-glycoside	40.63	2.09
49	19-norandrosterone	41.824	0.60
50	3,3-Dimethyl-1-cyclohexen-1-ol	41.927	0.62

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51	Eicosanoic acid	42.142	2.74
52	Heneicosanoic acid	44.041	0.05
53	Myristic acid	44.605	2.22
54	Heptadecanoic acid-ethyl ester	45.011	2.19
55	Docosa-8,14-diyn-cis-1,22-diol	45.533	2.33
56	Docosanoic acid	45.91	2.43
57	sebacic acid	46.093	0.12
58	heptanoic acid	46.255	0.21
59	2-Deoxy-galactopyranose	46.821	1.14
60	Tetracosan-1-ol	47.83	0.24
61	Germanicol	48.114	10.25
62	α -L-6-deoxy Mannofuranose	48.345	2.41
63	β -DL-Arabinopyranose	48.484	0.29
64	Tetracosanoic acid	49.4	1.52
65	Hexacosanoic acid	51.183	0.47
66	Oleic acid	52.774	0.22
67	β -Amyrin	53.537	1.43
68	α -Tocopherol	54.604	0.29
69	9-Tetradecenoic acid	55.65	0.47
70	Campesterol	56.012	1.16
71	Stigmasterol	56.373	2.81
72	β -Sitosterol	56.949	1.38
73	Deoxycholic acid	57.075	1.21
74	Cycloartenol	57.535	1.55
75	Ergosta-7,22-dien-3 β -ol	57.655	1.12
76	Lanosterol, TMS	58.055	1.14
77	α -Amyrin	58.221	1.54