

Additional file 2. Cuticular hydrocarbon compounds of *Lasius neglectus*.

Peak number (see profile Figure 3a), short and full name of the 24 cuticular hydrocarbon compounds in the profile of *L. neglectus*.

Peak number	Short compound name	Full compound name
1	11C31:1	hentriacont-11-ene
2	C31	hentriacontane
3	13MeC31	13Methylhentriacontane
4	3MeC31	3Methylhentriacontane
5	C33:2	trtriacontadiene
6	C33:2	trtriacontadiene
7	C33:2	trtriacontadiene
8	12C33:1 + 13C33:1	trtriacont-12-ene + trtriacont-13-ene
9	10C33:1 + 11C33:1	trtriacont-10-ene + trtriacont-11-ene
10	7C33:1	trtriacont-7-ene
11	13Me21C33:1 + 13Me23C33:1	13Methyltrtriacont-21-ene + 13Methyltrtriacont-23-ene
12	13MeC33 + 15MeC33	13Methyltrtriacontane + 15Methyltrtriacontane
13	3Me21C33:1	3Methyltrtriacont-21-ene
14	3Me23C33:1	3Methyltrtriacont-23-ene
15	10,23diMeC33	10,23Dimethyltrtriacontane
16	3MeC33 + 5,15diMeC33	3Methyltrtriacontane + 5,15Dimethyltrtriacontane
17	12,14,22Me21C34:1 + 12,14,22Me23C34:1	12,14,22Methyltetracont-21-ene + 12,14,22Methyltetracont-23-ene
18	C35:2	pentatriacontadiene
19	C35:2	pentatriacontadiene
20	C35:2	pentatriacontadiene
21	21C35:1	pentatriacont-21-ene
22	23C35:1	pentatriacont-23-ene
23	13,15Me21C35:1 + 13,15Me23C35:1	13,15Methylpentatriacont-21-ene + 13,15Methylpentatriacont-23-ene
24	13MeC35 + 15MeC35	13Methylpentatriacontane + 15Methylpentatriacontane