

**Table S1.** Relative CHC composition of the different insects. ud: undefined

	<i>A. domesticus</i> [%]	<i>C. maculatus</i> [%]	<i>D. melanogaster</i> [%]	<i>F. polycytena</i> [%]
n-alkane	0.61	30.69	36.89	44.83
3-monomethylalkane	17.31	17.10	0.12	2.15
4-,2-monomethylalkane	0.61	0.55	35.12	0.00
5-monomethylalkane	2.09	1.47	0.00	0.99
internally branched monomethylalkane	2.06	20.29	0.00	11.42
terminally branched dimethylalkane	19.39	6.25	0.00	3.49
internally branched dimethylalkane	0.00	23.28	0.00	25.72
trimethylalkane	0.00	0.37	0.00	2.90
alkene	0.05	0.00	27.52	3.77
diene	46.33	0.00	0.13	0.00
triene	10.06	0.00	0.00	0.00
ud	1.50	0.00	0.24	4.74