**Tab S2:** **List of all 49 chemical substances analyzed for each individual bumble bee worker.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Scent compound** |  | **ID** | **Scent compound** |
| 1 | Nonadecane | 26 | Nonacosane |
| 2 | Eicosane | 27 | Tricontane |
| 3 | (Z)-9-Heineicosene  | 28 | Hentriacontene 1\* |
| 4 | (Z)-7-Heneicosene  | 29 | Hentriacontene 2\* |
| 5 | Heineicosane  | 30 | Hentriacontane  |
| 6 | Docosane  | 31 | Tetradecyl hexadecanoate |
| 7 | (Z)-11-Tricosene  | 32 | Dotriacontane |
| 8 | (Z)-9-Tricosene | 33 | Tritriacontene 1\* |
| 9 | (Z)-7-Tricosene | 34 | Tritriacontene 2\* |
| 10 | (Z)-5-Tricosene | 35 | Tritriacontane |
| 11 | Tricosane | 36 | Hexadecyl hexadecanoate |
| 12 | Tetracosane | 37 | Tetratriacontane |
| 13 | (Z)-11-Pentacosene | 38 | Pentatriacontane |
| 14 | (Z)-9-Pentacosene | 39 | Octadecyl hexadecanoate |
| 15 | (Z)-7-Pentacosene | 40 | Eicosyl hexadecanoate |
| 16 | (Z)-5-Pentacosene | 41 | Eicosyloleate |
| 17 | Pentacosane | 42 | Eicosyl octadecanoate |
| 18 | Hexacosane | 43 | Docosyl hexadecanoate |
| 19 | (Z)-11-Heptacosene | 44 | Docosyloleate |
| 20 | (Z)-9-Heptacosene | 45 | Docosyl octadecanoate |
| 21 | (Z)-7-Heptacosene | 46 | Tetracosyloleate |
| 22 | Heptacosane | 47 | Tetracosyl octadecanoate |
| 23 | Octacosane | 48 | Hexacosyloleate |
| 24 | (Z)-9-Nonacosene | 49 | Hexacosyl octadecanoate |
| 25 | (Z)-7-Nonacosene |   |   |