Table S1. Analysis of variance for all experiments.

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### D. Agria fermentation Analysis

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### E. Electrophysiological responses between line

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S Catalina

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### G. Behavioral responses to the Single compounds

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|                    | Males    | Line | 3 | 0.012 | 0.82 | 0.4890 |
|                    | Line     | 40  | 0.015 |          |         |         |
|                    | Females | Line | 3 | 0.014 | 0.53 | 0.6619 |
|                    | Line     | 31  | 0.026 |          |         |         |
|                    | Males    | Line | 3 | 0.012 | 0.81 | 0.4970 |
|                    | Line     | 32  | 0.015 |          |         |         |
|                    | Females | Line | 3 | 0.042 | 0.97 | 0.4170 |
|                    | Line     | 40  | 0.043 |          |         |         |
|                    | Males    | Line | 3 | 0.026 | 1.71 | 0.1790 |
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**Hexyl acetate**
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