**Supplementary Materials**

**Table S1.** Spearman rank order of correlation (r) values recorded for the effect of galaxolide (HHCB) and tonalide (AHTN) on microalagae exposed for 72 h (n = 3). Asterisk(s) \* & \*\* represent significant levels at p < 0.05 and 0.01, respectively.

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| --- | --- | --- |
|  | **HHCB** | **AHTN** |
| *Phaeodactylum tricornotum* | -0.131 | -0.360 |
| *Tretraselmis chuii* | 0.284 | -0.667\*\* |
| *Isochrysis galbana* | 0.120 | 0.098 |
| *Raphidocelis subcapitata* | -0.349 | -0.589\* |

**Table S2.** Spearman rank order of correlation (r) values recorded for the effect of galaxolide (HHCB) and tonalide (AHTN) on marine organisms exposed for 72 h (n = 3). Asterisk(s) \* & \*\* represent significant levels at p < 0.05 and 0.01, respectively; (-) represent values not determined.

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|  | **HHCB** | **AHTN** |
| *Artemia franciscana* mortality | 0.305 | -0.118 |
| *Artemia franciscana* mobility | -0.020 | 0.300 |
| *Paracentrotus lividus* fertilization | -0.747\*\* | -0.450 |
| *Paracentrotus lividus* larvae development | 0.787\*\* | 0.415 |
| *Mytilus galloprovincialis* larvae development | 0.820\*\* | 0.371 |
| *Sparus aurata* mortality test | 0.659\*\* | 0.708\*\* |