Summary statistics for detected fluoxetine concentrations (ng/g) in roach tissues

| **Pharmaceutical** | **Tissue** | **1** | **3** | **10** | **17** | **24** | **31** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Fluoxetine | Brain | 8.6 ± 1.2 | 9.8 ± 1.3 | 14.3 ± 3.5 | 13 ± 1.6 | 15.7 ± 2.2 | 9.6 ± 1.5 |
| Fluoxetine | Muscle | 1.5 ± 0.2 | 1.6 ± 0.3 | 2.1 ± 0.5 | 1.9 ± 0.2 | 2.1 ± 0.3 | 1.6 ± 0.2 |
| Venlafaxine | Brain | 5 ± 0.5 | 3.5 ± 1.1 | 2.4 ± 0.7 | 6.8 ± 1.4 | 4.2 ± 0.8 | 1.7 ± 0.2 |
| Venlafaxine | Muscle | 1.5 ± 0.2 | 2.5 ± 0.8 | 0.8 ± 0.2 | 1.3 ± 0.1 | 1.2 ± 0.3 | 0.9 ± 0.1 |
| Desvenlafaxine | Brain | NaN ± NA | 0.1 ± 0 | NaN ± NA | NaN ± NA | 0.2 ± 0 | NaN ± NA |
| Desvenlafaxine | Muscle | 0.1 ± NA | 0.1 ± NA | NaN ± NA | NaN ± NA | 0.1 ± NA | 0.1 ± NA |
| Sertraline | Brain | 24.2 ± 2.9 | 17.8 ± 2.8 | 7.2 ± 1.9 | 7.8 ± 1 | 5.3 ± 0.3 | 5.2 ± 0.5 |
| Sertraline | Muscle | 2.6 ± 0.2 | 1.7 ± 0.4 | 1.1 ± 0.4 | 0.8 ± 0.1 | 0.6 ± 0.1 | 0.6 ± 0.1 |
| Norsertraline | Brain | 14 ± 1.7 | 14.6 ± 2.7 | 9.4 ± 2.1 | 8.1 ± 0.8 | 7.3 ± 0.6 | 5.6 ± 0.6 |
| Norsertraline | Muscle | 1.5 ± 0.1 | 1.3 ± 0.3 | 1.2 ± 0.5 | 0.7 ± 0.1 | 0.6 ± 0.1 | 0.6 ± 0.1 |