**Supplementary File 1. Retention times and MS/MS transitions for oxysterol internal standards. Relate to Figure 2 and Figure 2-Figure Supplement 2.**

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| --- | --- | --- | --- |
| **Internal Standard** | **Retention**  **Time (min)** | **Q1** | **Q3** |
| d7-DHCEO | 1.80 | 424.3 | 406.3 |
| d7-7-ketocholesterol | 2.91 | 408.3 | 390.3 |
| d6-24,25-epoxycholesterol | 1.94 | 389.3 | 371.3 |
| d7-24-hydroxycholesterol | 1.63 | 392.3 | 374.3 |
| d7-4β-hydroxycholesterol | 5.16 | 392.3 | 374.3 |