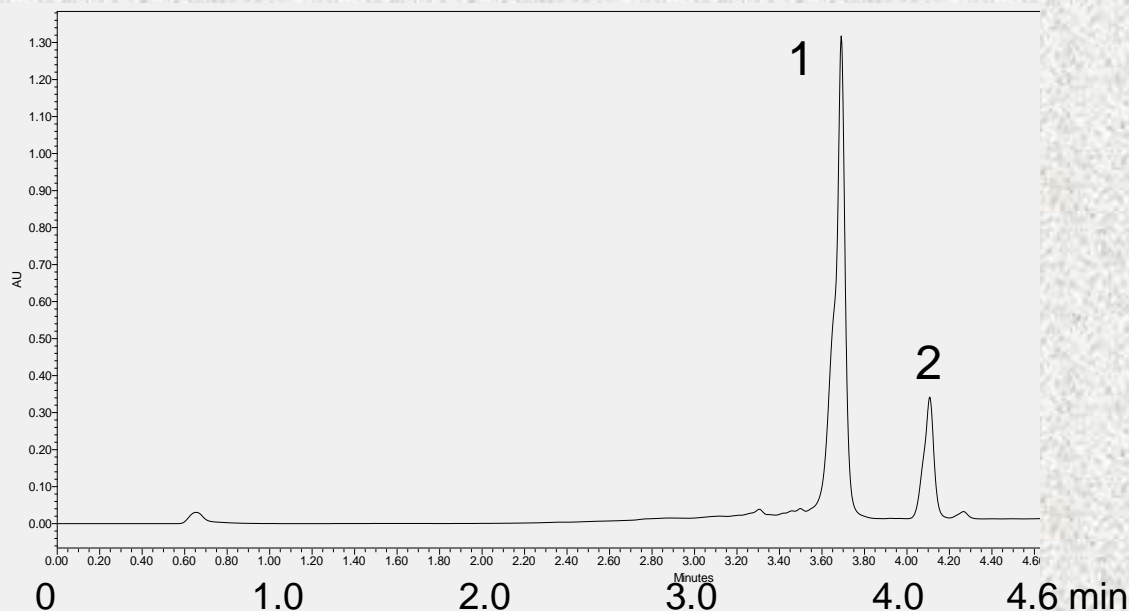


Vitamin D Metabolites Separated on Gazelle C18

Use: regulate calcium and phosphorus concentration in blood



| | | | |
|---|------------------------------|---|-------------|
| 1 | 1,25-(OH) ₂ Vit D | 2 | 25-OH Vit D |
|---|------------------------------|---|-------------|

| | |
|--------------------|------------------------|
| HPLC | Waters UPLC, H Class |
| Column | Gazelle C18, 1.7 μm |
| Column Size | 2.1 mm ID x 50 mm long |
| Temperature | 25 °C |
| Detection | UV at 254 nm |
| Injection | 10 μL |

| | | | |
|---------------------|--|----------|----------|
| Mobile Phase | A: 15 mM NH ₄ -formate B: 15 mM NH ₄ -formate /MEOH | | |
| Flow Rate | 0.2 mL/min | | |
| Gradient | Time | A | B |
| | 0.00 | 60 | 40 |
| | 1.00 | 0 | 100 |
| | 4.60 | 0 | 100 |