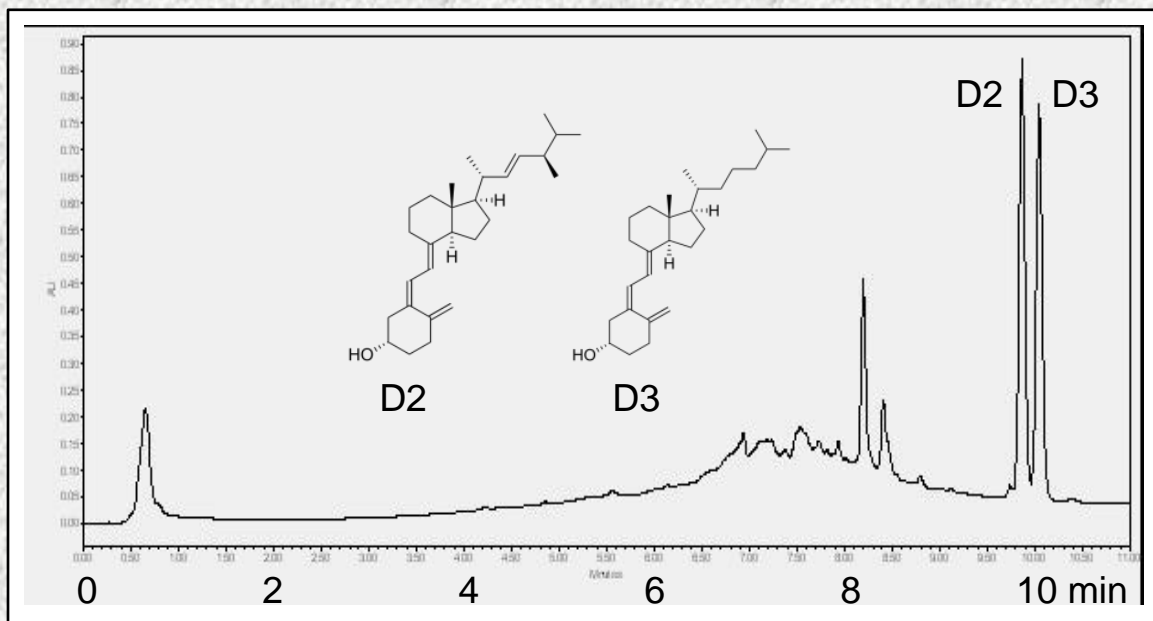


## Vitamins D2 and D3 Separated on Gazelle C18, 1.7 $\mu\text{m}$

**Use:** Enhances intestinal absorption of calcium, iron, magnesium, phosphate, and zinc.



Vitamin D2, R <sub>1</sub>	1.0 mg/mL methanol	9.87 min
Vitamin D3, R <sub>2</sub>	1.0 mg/mL methanol	10.05 min

<b>UHPLC</b>	Waters Acquity H-Class
<b>Column</b>	Gazelle C18, 1.7 micron
<b>Column Size</b>	2.1 mm ID x 50 mm long
<b>Temperature</b>	30 °C
<b>Detection</b>	UV at 254 nm
<b>Injection</b>	10 $\mu\text{L}$

<b>Mobile Phase</b>	A: Methanol B: Water																		
<b>Flow Rate</b>	0.20 mL/min																		
<b>Gradient</b>	<table border="1"> <thead> <tr> <th>Time</th> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>0.00</td> <td>40</td> <td>60</td> </tr> <tr> <td>5.00</td> <td>100</td> <td>0</td> </tr> <tr> <td>10.00</td> <td>100</td> <td>0</td> </tr> <tr> <td>10.10</td> <td>40</td> <td>60</td> </tr> <tr> <td>11.00</td> <td>40</td> <td>60</td> </tr> </tbody> </table>	Time	A	B	0.00	40	60	5.00	100	0	10.00	100	0	10.10	40	60	11.00	40	60
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