

Verzele Test

Columns: Listed on chromatograms

Dimensions: 150×4.6mm 5μm(all columns)

Mobile Phase: MeOH: 0.5% CH₃COONa(pH=7.8)=60:40

Flow Rate: 1.0ml/min

Temperature: Ambient

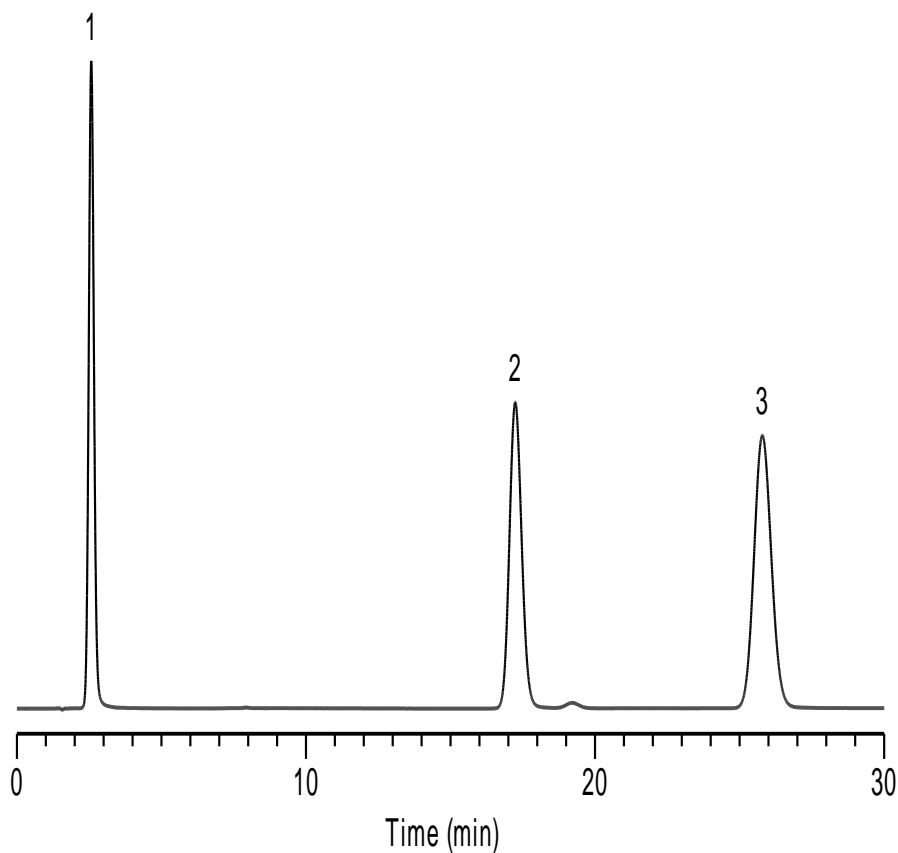
Detector: UV 254nm

Sample:

1. Acetylacetone
2. 1-Nitronaphthalene
3. Naphthalene

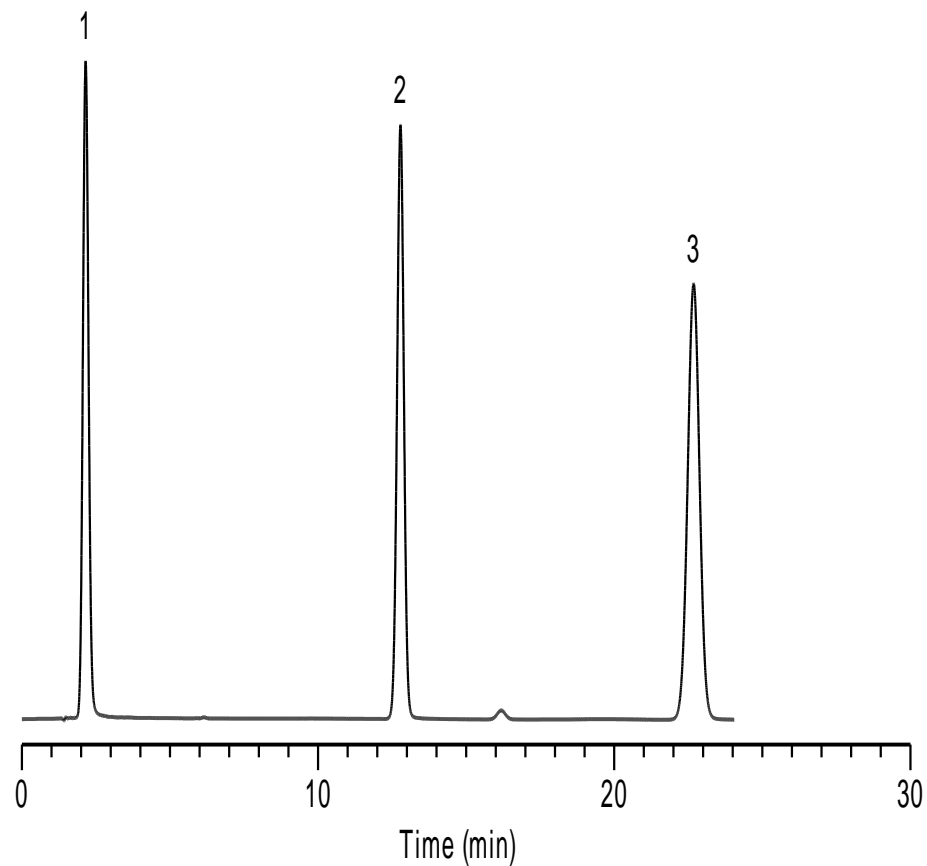
*ZORBAX,HC,TC,Eclipse are registered trademarks of Agilent Technologies.Gemini,Luna are registered trademarks of Phenomenex. Symmetry,XBridge are registered trademarks of Waters Corporation. BECKMAN Coulter is registered trademark of Beckman Coulter, Inc. SMT is registered trademark of Analtech Inc.Dikma Technologies is not affiliated with the above companies.

Diamonsil C18



[China](#)

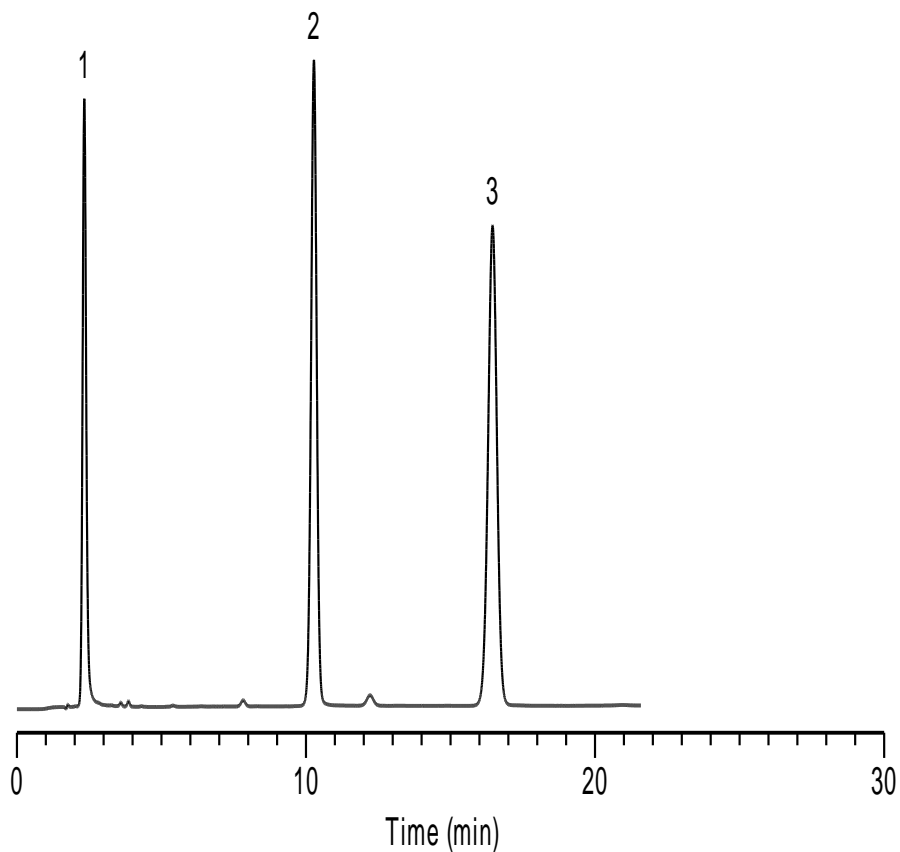
Inspire



[Canada](#)

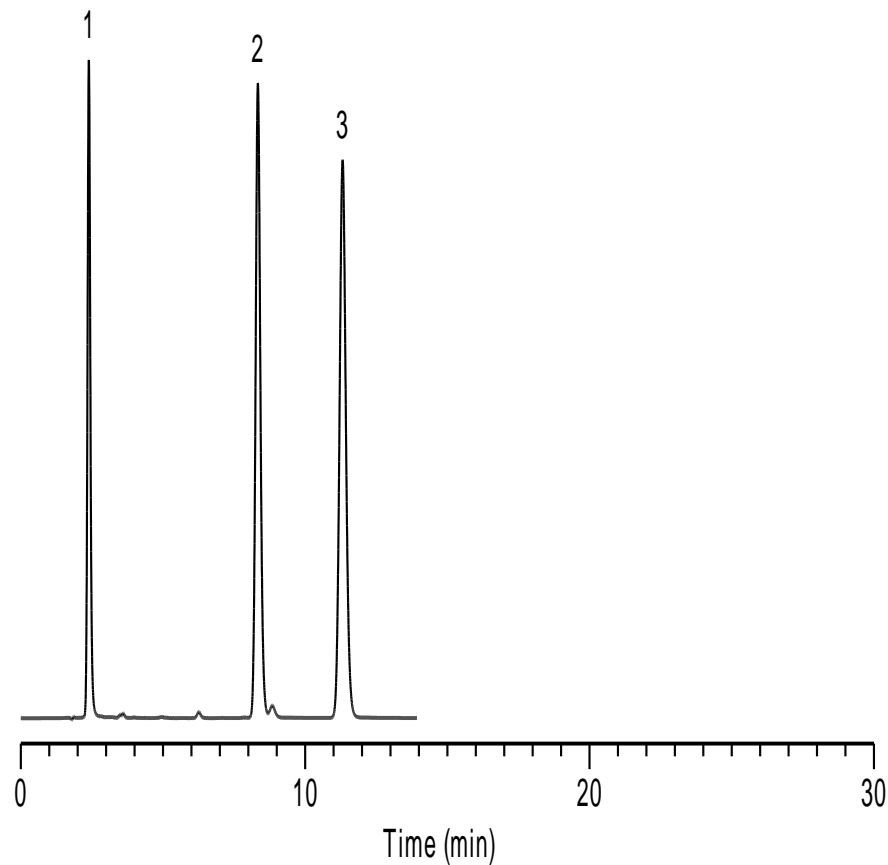
[US](#)

***Agilent HC-C18**



[China](#)

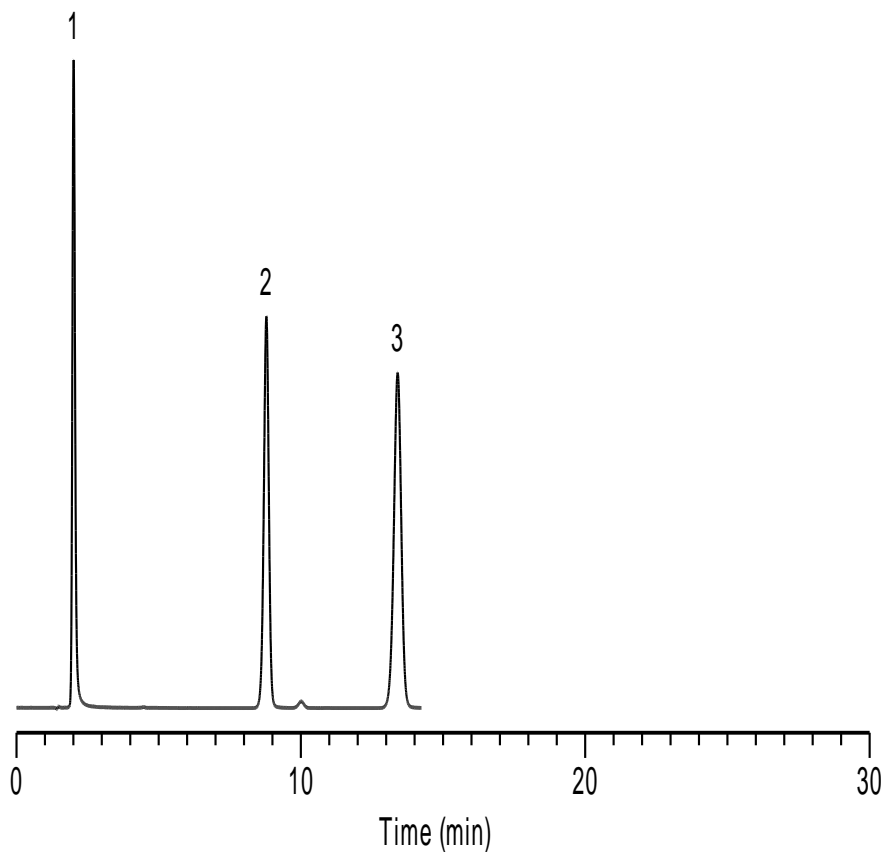
***Agilent TC-C18**



[Canada](#)

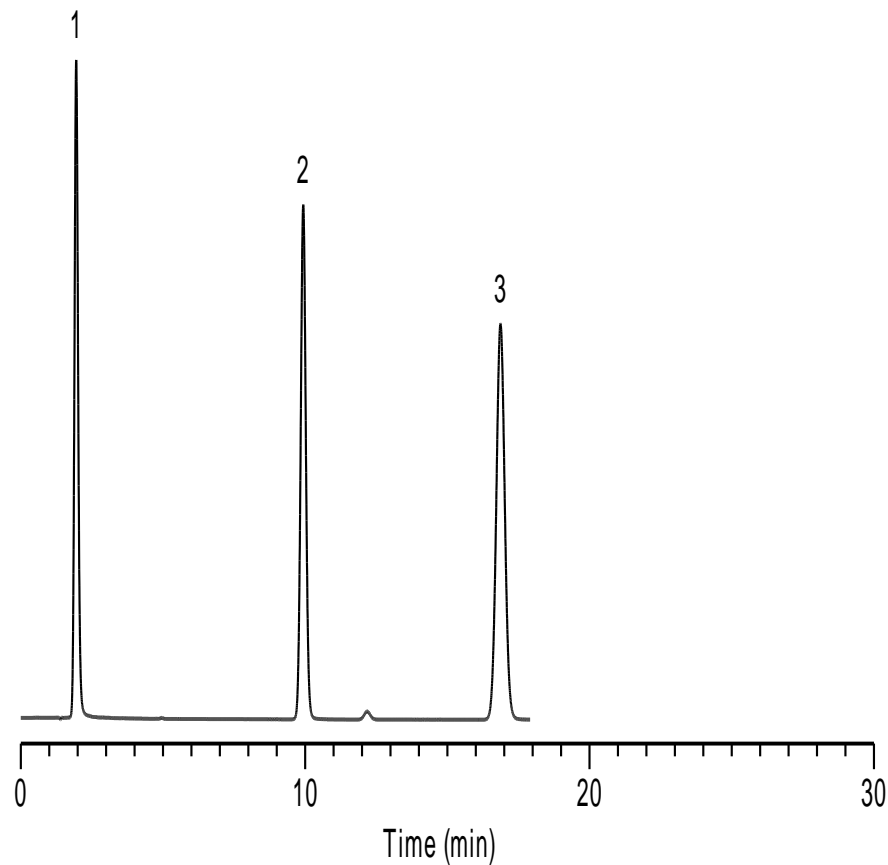
[US](#)

***Agilent Zorbax SB-C18**



[China](#)

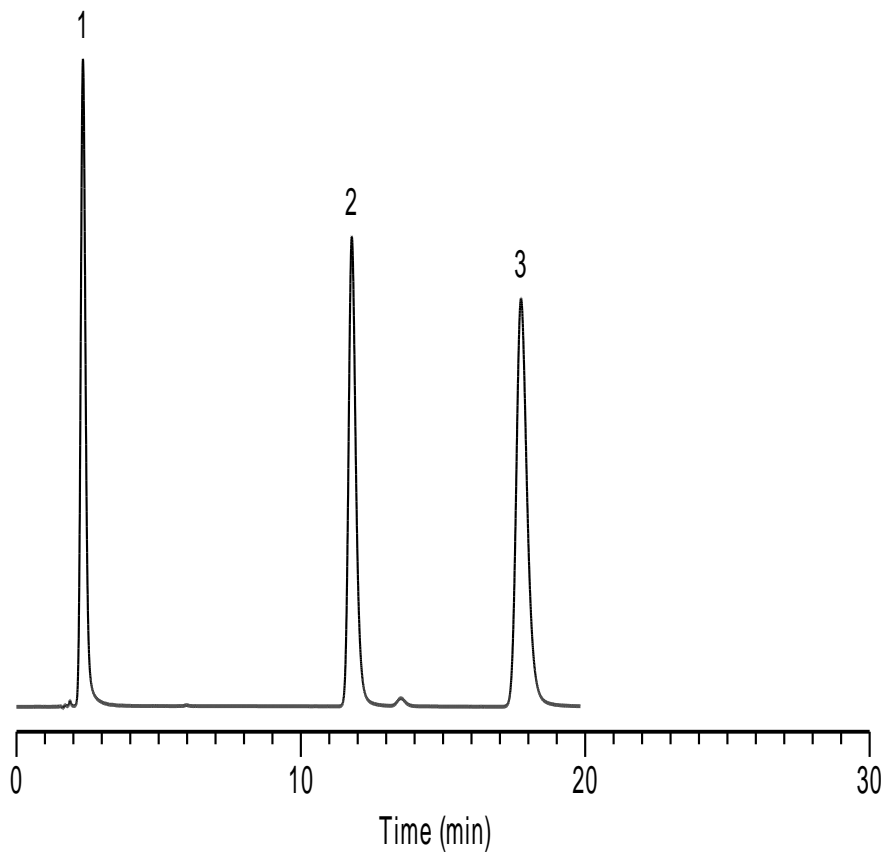
***Agilent Eclipse XDB-C18**



[Canada](#)

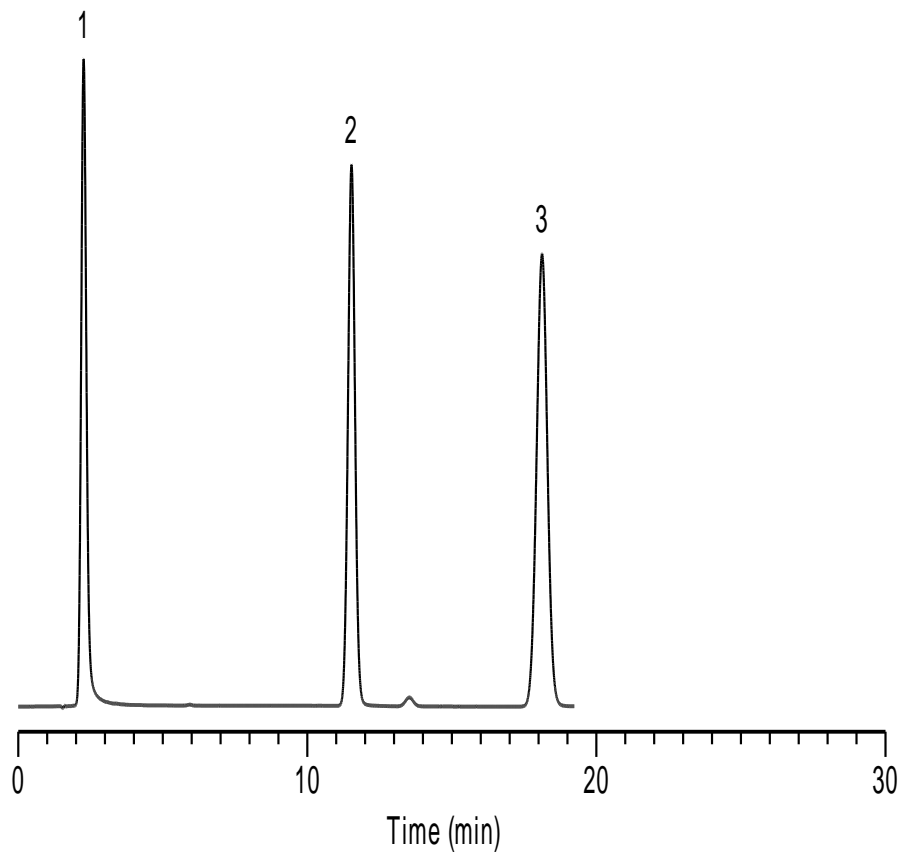
[US](#)

***Phenomenex Gemini-C18**



[China](#)

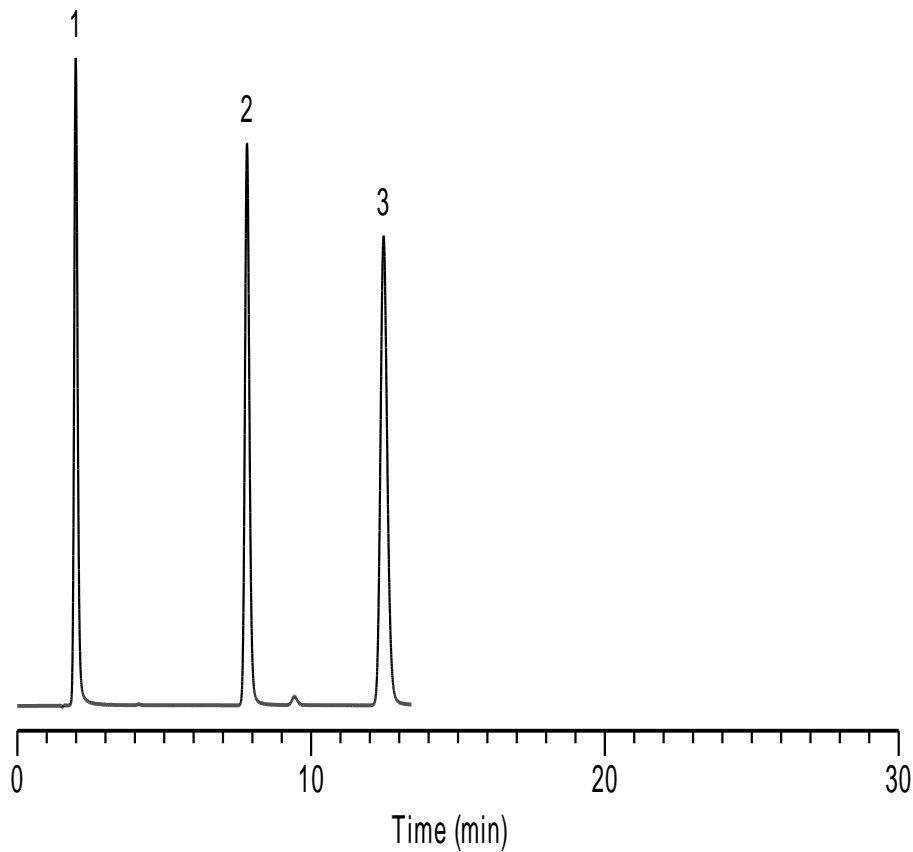
***Phenomenex Luna-C18(2)**



[Canada](#)

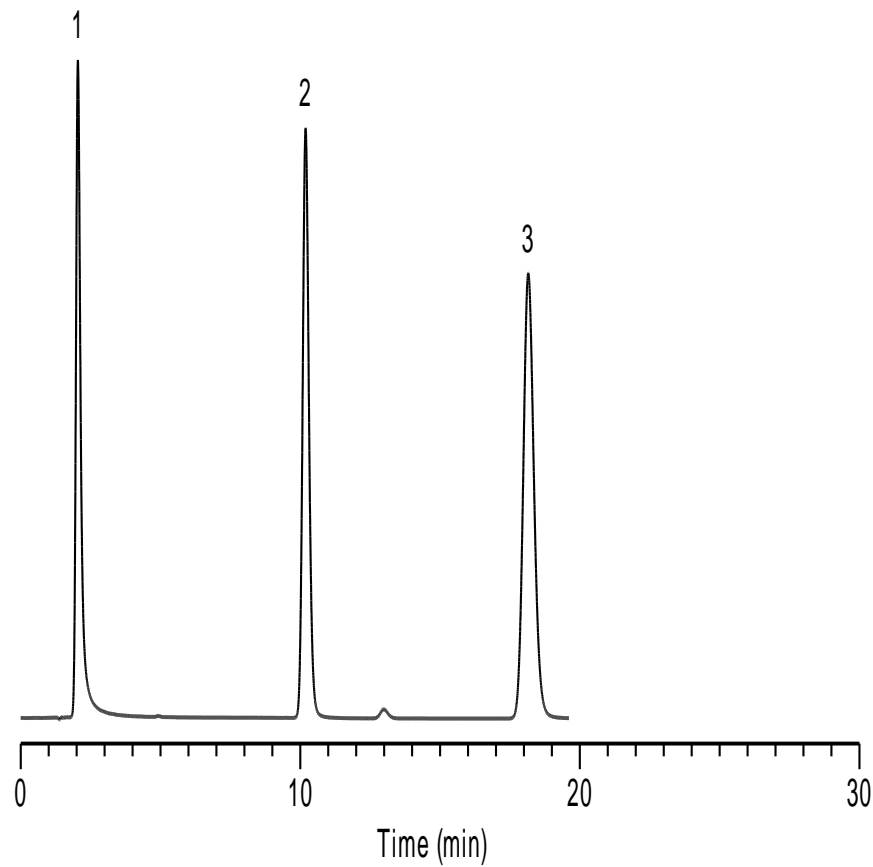
[US](#)

***Waters Xbridge-C18**



[China](#)

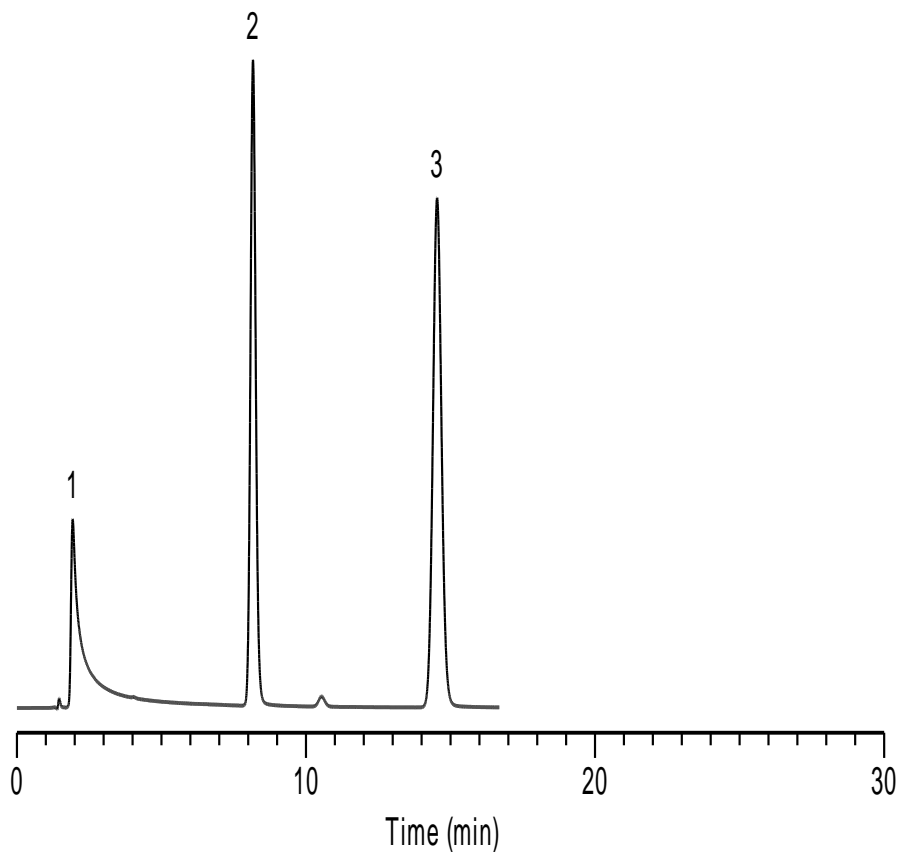
***Waters Symmetry-C18**



[Canada](#)

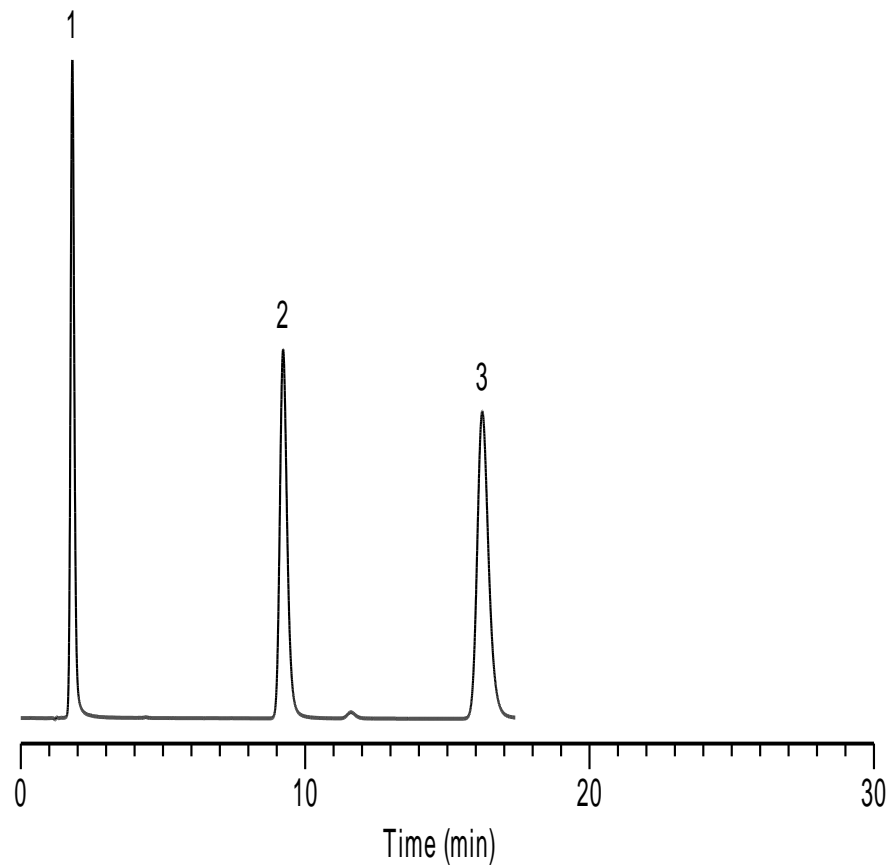
[US](#)

***BECKMAN Coulter-C18**



[China](#)

***SMT-C18**



[Canada](#)

[US](#)

Column	As(acetylacetone)	rk'(naphthalene/1-nitronaphthalene)	plate numbers(acetylacetone)
Diamonsil C18	1.120	1.496	1021
Inspire	1.105	1.774	602
*Agilent HC-C18	1.215	1.602	1794
*Agilent TC-C18	1.185	1.357	2907
*Agilent Zorbax SB-C18	1.304	1.525	2368
*Agilent Eclipse XDB-C18	1.156	1.699	1136
*Phenomenex Gemini-C18	1.279	1.505	937
*Phenomenex *Luna-C18(2)	1.238	1.572	790
*Waters Xbridge-C18	1.299	1.595	1445
*Waters Symmetry-C18	1.658	1.782	824
*BECKMAN Coulter-C18	5.348	1.780	413
*SMT-C18	1.253	1.760	959