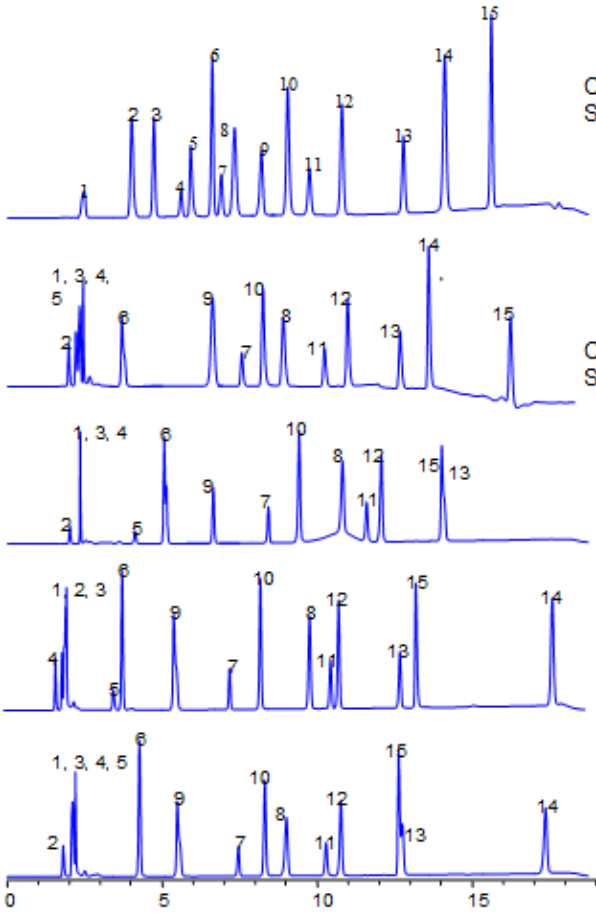
Generic Screening Method for Complex Mixtures on Primesep 200

https://sielc.com/Application-Generic-Screening-Method-for-Complex-Mixtures-Primesep-200

Chromatogram



Column:	**Primesep 200**
Size:	4.6 x 150mm
Flow:	1.0 mL/min
Detection:	UV 215 nm

Mobile phase: A: 5% MeCN with 0.05% H2SO4
B: 80% MeCN with 0.25% H2SO4
Gradient: from 100% A to 50% A in 10 min, then from 50% A to 25% A for the next 6 min

1. Uracil
2. Epinephrine
3. DOPA
4. 2,6-Lutidine
5. Benzylamine
6. Hydroxytrypthophan
7. Homovanillic acid
8. Phenol
9. Tryptophan
10. 2,3-DHBA
11. Benzoic acid
12. Methylparaben
13. Ethylparaben
14. Toluene
15. Amitriptyline

Method Parameters

Mobile Phase	MeCN/H2O
Buffer	H2SO4
Flow Rate	1.0 ml/min
Detection	UV, 215 nm
Class of Compounds	Drug, Acid, Hydrophilic, Ionizable, Hormone
Analyzing Compounds	Uracil, Epinephrine, DOPA, 2,6-Lutidine, Benzylamine, Hydroxytrypthophan, Homovanillic acid, Phenol, Tryptophan , 2,3-DHBA, Benzoic acid, Methylparaben, Ethylparaben, Toluene, Amitriptyline

HPLC Column Used

Primesep 200, 4.6*150 mm 5 µm, 100A

Order this column at hplc-shop.de →