Illegal Dyes in Spices

ACE®
Ultra-inert
UHPLC & HPLC Columns

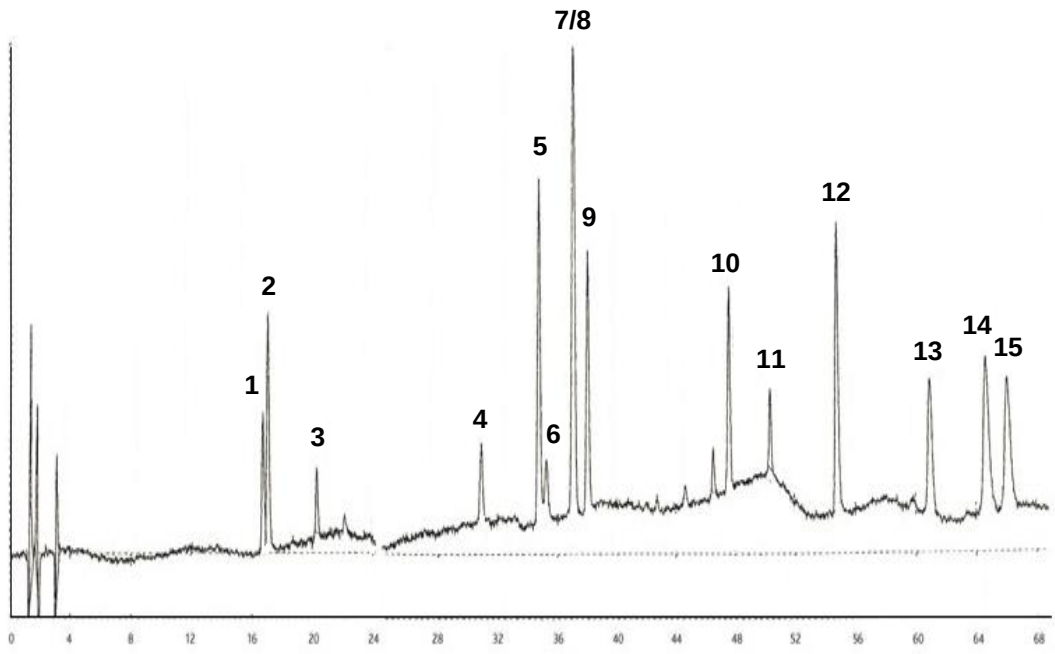
Application #AN2910

Conditions

Column:	ACE 3 C18
Dimensions:	100 x 4.6 mm
Part Number:	ACE-111-1046
Mobile Phase:	A: H_2O
	B: MeOH
	C: 0.06 M Tetrabutylammonium bromide and 0.5 M KH_2PO_4 in H_2O pH 2.55

Time (mins)	%A	%B	%C
0	45	50	5
45	3	92	5
65	3	92	5
66	45	50	5
75	45	50	5

Flow Rate:	1 mL/min
Injection:	10 µL
Temperature:	Ambient
Detection:	UV-Vis, 420 nm, 520 nm and 600 nm



1. Rhodamine B
2. Orange II
3. Metanil Yellow
4. Butter Yellow
5. Para Red
6. Sudan Orange G
7. Toluidine Red
8. Sudan I
9. Sudan Red G
10. Sudan II
11. Sudan Black
12. Sudan III
13. Sudan Red 7B
14. Sudan Red B
15. Sudan IV

Reproduced with permission of Lincolne Sutton & Wood, Norwich, UK
© 2015 ACT Ltd. All rights reserved. All products are available worldwide.