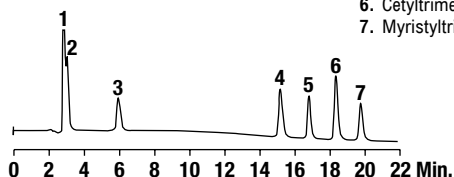


Surfactants

Short and Long Chain Cationic Surfactants

CHROM
10317

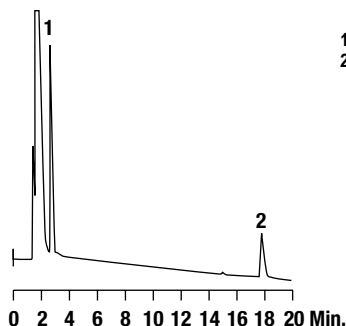
1. Tetramethyl Ammonium
2. Tetraethyl Ammonium
3. Tetrapropyl Ammonium
4. Tetrabutyl Ammonium
5. Dodecyltrimethyl Ammonium
6. Cetyltrimethyl Ammonium
7. Myristyltrimethyl Ammonium

Column: Alltech® Surfactant/R Column, 7µm, 150 x 4.6mm
(Part No. 25101)
Mobile Phase: A: 2mM Nonafluoropentanoic Acid
B: Acetonitrile
Gradient:

Time:	0	5	8	20
%B:	30	30	35	80

Flow Rate: 1.0mL/min
Detector: Suppressed Conductivity

Toothpaste

CHROM
8425

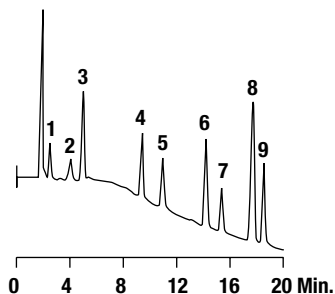
1. Unidentified
2. Dodecyl Sulfate (C12)

Column: Alltech® Surfactant/R, 7µm, 150 x 4.6mm
(Part No. 25101)
Mobile Phase: A: 10mM Lithium Hydroxide
B: Water:Acetonitrile:Methanol (20:60:20)
Gradient:

Time:	0	3	10	20
%B:	3	3	20	50

Flow Rate: 1.0mL/min
Detector: Suppressed Conductivity

Alkyl Sulfates and Alkanesulfonates

CHROM
8428

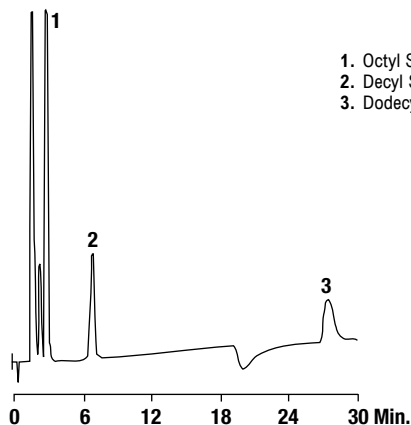
1. C6 Sulfate
2. C6 Sulfonate
3. C7 Sulfonate
4. C8 Sulfonate
5. C8 Sulfate
6. C10 Sulfonate
7. C10 Sulfate
8. C12 Sulfonate
9. C12 Sulfate

Column: Alltech® Surfactant/R, 150 x 4.6mm (Part No. 25101)
Mobile Phase: A: 10mM Lithium Hydroxide
B: Water:Acetonitrile:Methanol (20:60:20)
Gradient:

Time:	0	3	10	20
%B:	3	3	20	50

Flow Rate: 1.0mL/min
Detector: Suppressed Conductivity

Alkyl Sulfates

CHROM
5998

1. Octyl Sulfate
2. Decyl Sulfate
3. Dodecyl Sulfate

Column: Alltech® Surfactant C8, 5µm, 250 x 4.6mm
(Part No. 269072)
Mobile Phase: 0.02g/L Ammonium Acetate in 40% Methanol
Flow Rate: 1.2mL/min
Detector: Conductivity



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