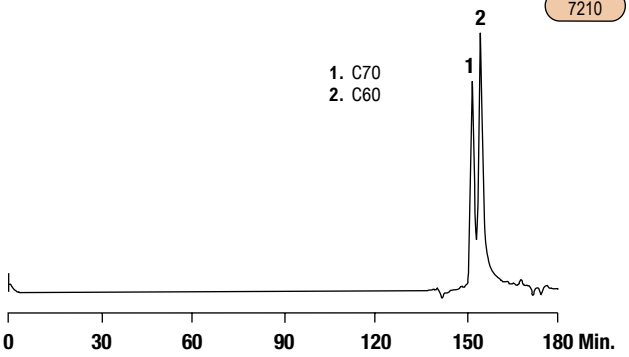
Fullerenes

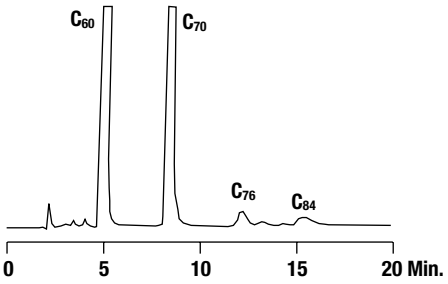
"Bucky Balls"

CHROM 7210



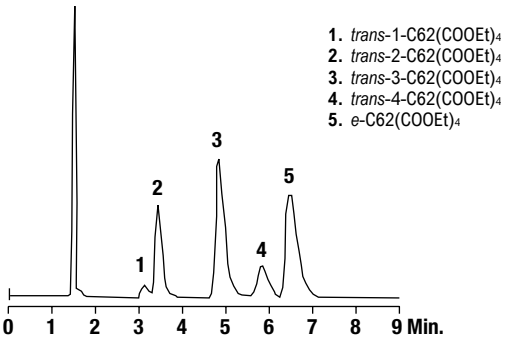
Column: Jordi™ DVB, 500Å, 500 x 10mm (6) (Part No. **100567**)
Mobile Phase: Trichlorobenzene
Flow Rate: 1.5mL/min
Column Temp: 145°C
Detector: RI

Buckminsterfullerenes



Column: Vydac® C4, 5µm, 250 x 10mm (Part No. **201TP510**)
Mobile Phase: Acetonitrile:Toluene (50:50)
Flow Rate: 5mL/min

Regioisomeric Fullerene Derivatives

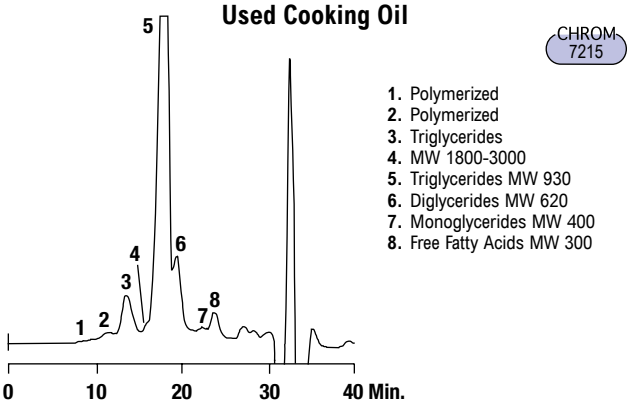


Column: Grom™ Sil 100 Norm Ph-1 ST, 5µm, 250 x 4mm
Mobile Phase: Toluene
Flow Rate: 1.5mL/min
Detector: UV at 340nm

Cooking Oil

Used Cooking Oil

CHROM 7215



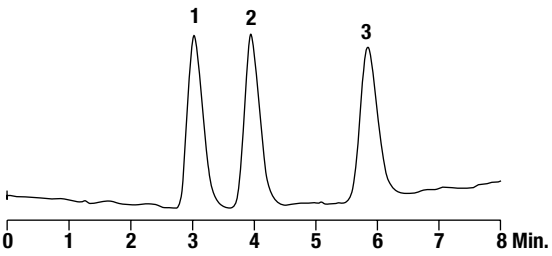
Column: Jordi™ DVB, 10^3Å, 500Å, 500mm x 10mm (2) (Part No.s **100571, 100567**)
Mobile Phase: Tetrahydrofuran
Flow Rate: 2.0mL/min
Detector: UV at 254nm

Surfactants

Microbore Analysis of Glucopyranosides

CHROM 10310

1. *n*-octyl Glucopyranoside (50ng on column)
2. *n*-decyl Glucopyranoside (50ng on column)
3. *n*-dodecyl Glucopyranoside (50ng on column)

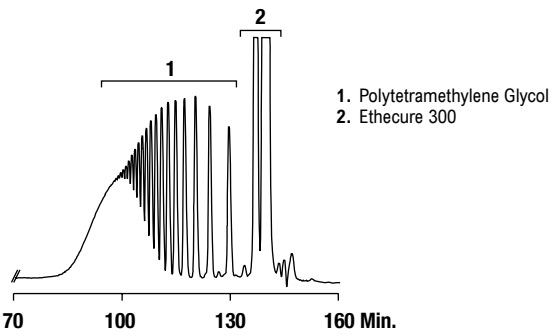


Column: Alltech® Alltima™ C18, 5µm, 150 x 1mm (Part No. **88384**)
Mobile Phase: Methanol:Water (90:10)
Flow Rate: 0.05mL/min
Detector: ELSD

Polymers

Polyurethane Curatives

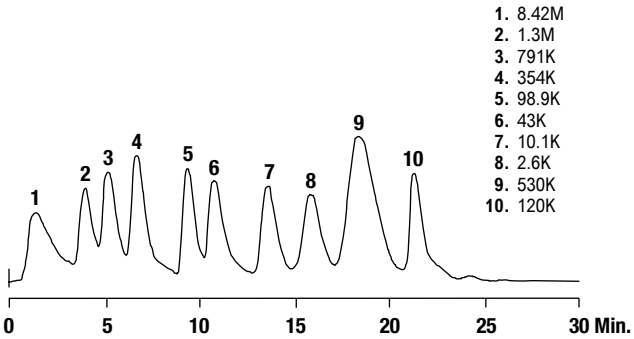
CHROM 7472



Column: Jordi™ DVB, 500Å, 500mm x 10mm (6) (Part No. **100567**)
Mobile Phase: Chloroform
Flow Rate: 1.5mL/min
Column Temp: 50°C
Detector: RI

Polystyrene

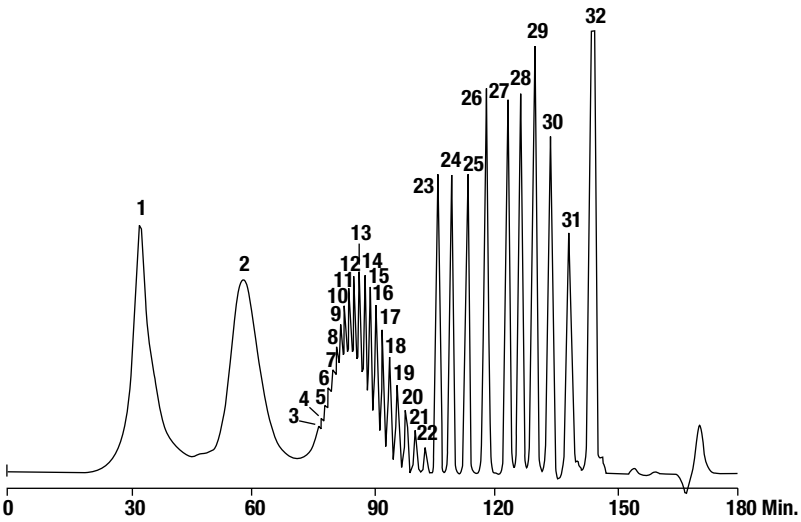
CHROM 7213



Column: Jordi™ DVB, Mixed Bed Linear, 500mm x 10mm (Part No. **100583**)
Mobile Phase: Tetrahydrofuran
Flow Rate: 1.5mL/min
Column Temp: 40°C
Detector: RI

Polyethylene and Hydrocarbon Standards

CHROM 7220

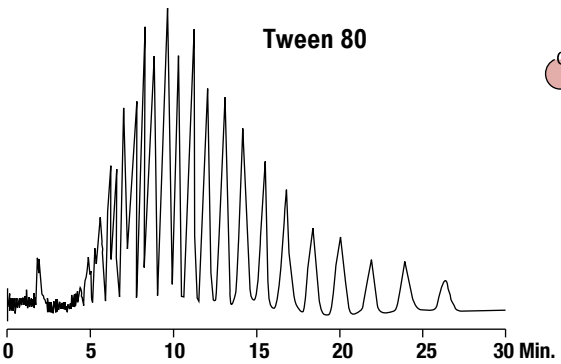


1. PE-32000 MW
2. PE-2155 MW
3. C58
4. C56
5. C54
6. C52
7. C50
8. C48
9. C46
10. C44
11. C42
12. C40
13. C38
14. C36
15. C34
16. C32
17. C30
18. C28
19. C26
20. C24
21. C22
22. C20
23. C18
24. C16
25. C14
26. C12
27. C10
28. C9
29. C8
30. C7
31. C6
32. C5

Column: Jordi™ DVB, 500Å, 500mm x 10mm (6) (Part No. **100567**)
Mobile Phase: Trichlorobenzene
Flow Rate: 1.5mL/min
Column Temp: 145°C
Detector: RI

Tween 80

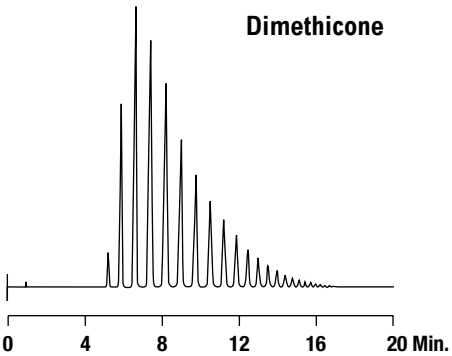
CHROM 7809



Column: Alltech® Alltima™ C18, 5µm, 250 x 4.6mm (Part No. **88056**)
Mobile Phase: Water:Methanol (40:60)
Flow Rate: 1.0mL/min
Detector: ELSD

Dimethicone

CHROM 8636



Column: Alltech® Alltima™ C8, 5µm, 150 x 4.6mm (Part No. **88072**)
Mobile Phase: **A:** Acetonitrile **B:** Chloroform
Gradient:

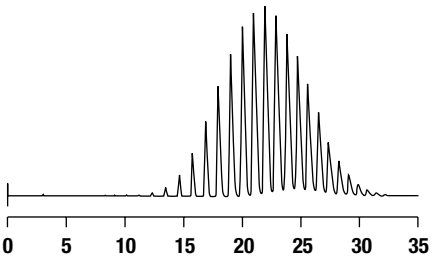
Time:	0	20
%B:	25	75

Flow Rate: 1.0mL/min
Detector: ELSD

Polymers

Polyethylene Glycol (MW=600)

CHROM 8442



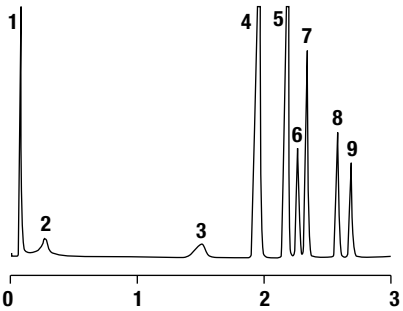
Column: Alltech® Adsorbosphere™ C8, 5µm, 250 x 4.6mm (Part No. **287112**)
Mobile Phase: **A:** Methanol **B:** Water
Gradient:

Time:	0	45
%B:	60	20

Flow Rate: 0.6mL/min
Detector: ELSD

Phenone Homologs

CHROM 9471



1. Uracil
2. Theophylline
3. Acetophenone
4. Propiophenone
5. Butyrophenone
6. Benzophenone
7. Valerophenone
8. Heptanophenone
9. Octanophenone

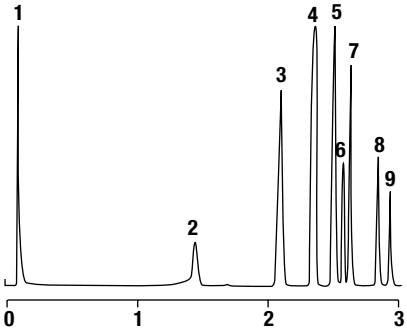
Columns: Alltech® Alltima™ C18, 3µm, 10 x 2.1mm Expedite™ (Part No. **43836**)
Mobile Phase: **A:** 0.1% Trifluoroacetic Acid in Water
B: 0.08% Trifluoroacetic Acid in Acetonitrile
Gradient:

Time:	0	2
%B:	5	100

Flow Rate: 1.0mL/min
Detector: UV at 254nm

Phenone Homologs

CHROM 9460



1. Uracil
2. Theophylline
3. Acetophenone
4. Propiophenone
5. Butyrophenone
6. Benzophenone
7. Valerophenone
8. Heptanophenone
9. Octanophenone

Column: Alltech® Prevail™ C18, 3µm, 20 x 2.1mm, Expedite™ (Part No. **43827**)
Mobile Phase: **A:** 0.1% Trifluoroacetic Acid in Water
B: 0.08% Trifluoroacetic Acid in Acetonitrile
Gradient:

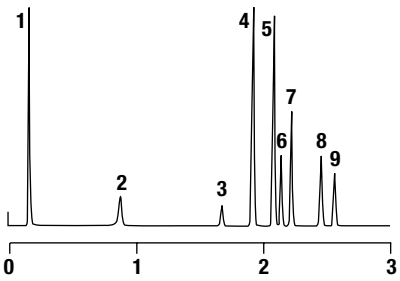
Time:	0	2	3
%B:	0	100	100

Flow Rate: 1.0mL/min
Detector: UV at 254nm

Phenones/Fast Gradient Column Formats

Phenone Homologs

CHROM 9467



1. Uracil
2. Theophylline
3. Acetophenone
4. Propiophenone
5. Butyrophenone
6. Benzophenone
7. Valerophenone
8. Heptanophenone
9. Octanophenone

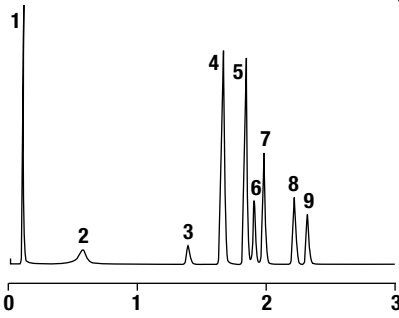
Columns: Alltech® Alltima™ C18, 3µm, 20 x 4.6mm Expedite™ (Part No. **43451**)
Mobile Phase: **A:** 0.1% Trifluoroacetic Acid in Water
B: 0.08% Trifluoroacetic Acid in Acetonitrile
Gradient:

Time:	0	2
%B:	5	100

Flow Rate: 2.0mL/min
Detector: UV at 254nm

Phenone Homologs

CHROM 9468



1. Uracil
2. Theophylline
3. Acetophenone
4. Propiophenone
5. Butyrophenone
6. Benzophenone
7. Valerophenone
8. Heptanophenone
9. Octanophenone

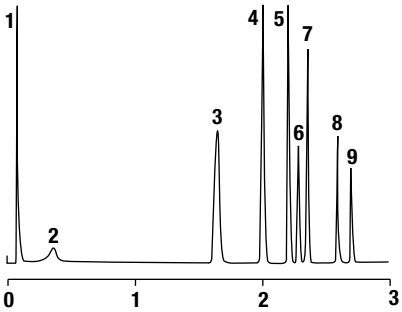
Columns: Alltech® Alltima™ C18, 3µm, 10 x 4.6mm Expedite™ (Part No. **43837**)
Mobile Phase: **A:** 0.1% Trifluoroacetic Acid in Water
B: 0.08% Trifluoroacetic Acid in Acetonitrile
Gradient:

Time:	0	2
%B:	5	100

Flow Rate: 2.0mL/min
Detector: UV at 254nm

Phenone Homologs

CHROM 9462



1. Uracil
2. Theophylline
3. Acetophenone
4. Propiophenone
5. Butyrophenone
6. Benzophenone
7. Valerophenone
8. Heptanophenone
9. Octanophenone

Column: Alltech® Alltima™ C18, 3µm, 20 x 2.1mm Expedite™ (Part No. **43803**)
Mobile Phase: **A:** 0.1% Trifluoroacetic Acid in Water
B: 0.08% Trifluoroacetic Acid in Acetonitrile
Gradient:

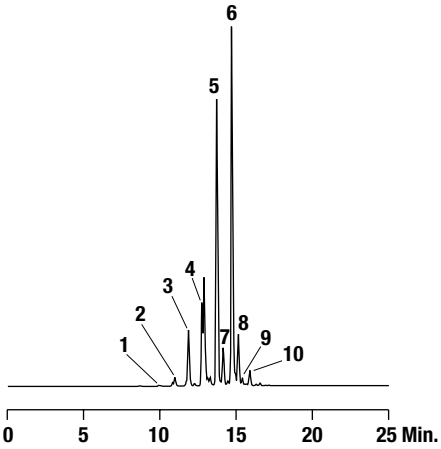
Time:	0	2
%B:	5	100

Flow Rate: 1.2mL/min
Detector: UV at 254nm

Biofuels

Triacylglycerols in Canola Oil

CHROM 10749



1. LLnLn
2. LLLn
3. OLnL
4. LLO
5. LOO
6. PLO
7. OOO
8. POO
9. POP
10. PPP

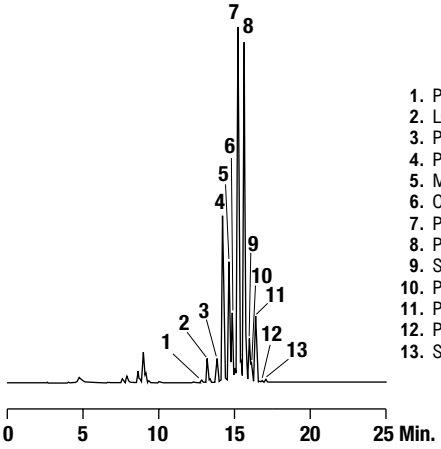
Column: Alltech® Alltima™ HP C18 HiLoad, 5µm, 250 x 4.6mm (Part No. 87698)
Mobile Phase: A: Acetonitrile B: Dichloromethane
Gradient:

Time:	0	20	25	30	35
%B:	30	70	70	30	30

Flow Rate: 1.0mL/min
Detector: ELSD

Triacylglycerols in Red Palm Oil

CHROM 10750



1. PLL
2. LOO
3. PLO
4. PLP
5. MOP
6. OOO
7. POO
8. POP
9. SOO
10. PPP
11. POS
12. PPS
13. SOS

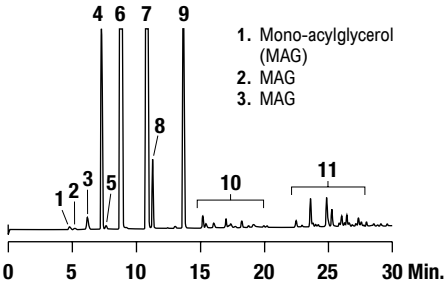
Column: Alltech® Alltima™ HP C18 HiLoad, 5µm, 250 x 4.6mm (Part No. **87698**)
Mobile Phase: **A:** Acetonitrile **B:** Dichloromethane
Gradient:

Time:	0	20	25	30	35
%B:	30	70	70	30	30

Flow Rate: 1.0mL/min
Detector: ELSD

Biodiesel in Spec with EN14105 Method

CHROM 10644



1. Mono-acylglycerol (MAG)
2. MAG
3. MAG
4. Fatty Acid Methyl Ester (FAME)
5. MAG
6. FAME
7. FAME
8. MAG
9. FAME
10. Di-acylglycerol (DAG)
11. Tri-acylglycerol (TAG)

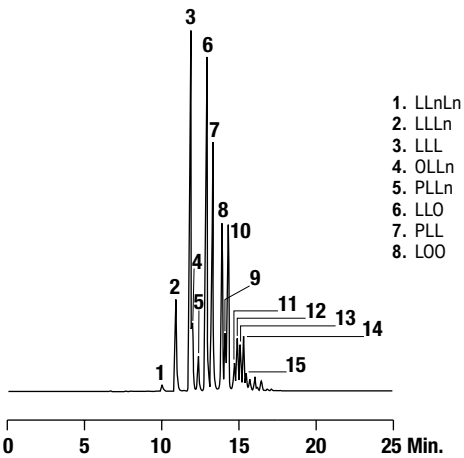
Column: Alltech® Alltima™ HP C18 HiLoad, 5µm, 250 x 4.6mm (Part No. **87698**)
Mobile Phase: **A:** Acetonitrile **B:** Dichloromethane
Gradient:

Time:	0	5	30	32	35
%B:	0	15	70	70	0

Flow Rate: 1.0mL/min
Detector: ELSD

Triacylglycerols in Used Chinese Frying Oil

CHROM 10751



1. LLnLn
2. LLLn
3. LLL
4. OLLn
5. PLLn
6. LLO
7. PLL
8. LOO
9. LLS
10. PLO
11. PLP
12. OOO
13. SLO
14. POO
15. POP

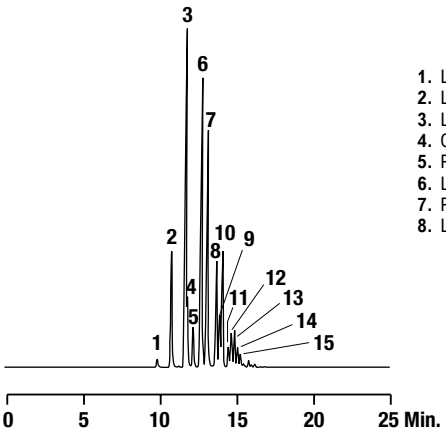
Column: Alltech® Alltima™ HP C18 HiLoad, 5µm, 250 x 4.6mm (Part No. **87698**)
Mobile Phase: **A:** Acetonitrile **B:** Dichloromethane
Gradient:

Time:	0	20	25	30	35
%B:	30	70	70	30	30

Flow Rate: 1.0mL/min
Detector: ELSD

Triacylglycerols in Soy Oil

CHROM 10748



1. LLnLn
2. LLLn
3. LLL
4. OLLn
5. PLLn
6. LLO
7. PLL
8. LLO
9. LLS
10. PLO
11. PLP
12. OOO
13. SLO
14. POO
15. POP

Column: Alltech® Alltima™ HP C18 HiLoad, 5µm, 250 x 4.6mm (Part No. **87698**)
Mobile Phase: **A:** Acetonitrile **B:** Dichloromethane
Gradient:

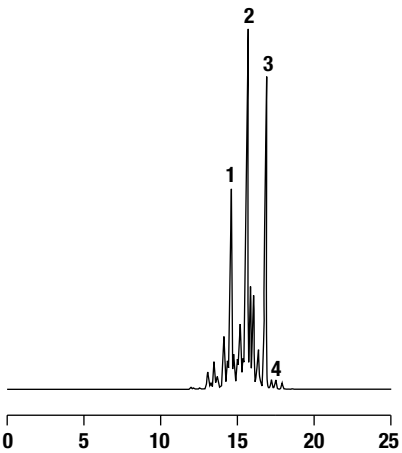
Time:	0	20	25	30	35
%B:	30	70	70	30	30

Flow Rate: 1.0mL/min
Detector: ELSD

Biofuels

Triacylglycerols in Lard

CHROM 10752



1. PPO
2. PPP
3. POS
4. SSS

Column: Alltech® Alltima™ HP C18 HiLoad, 5µm, 250 x 4.6mm (Part No. **87698**)
Mobile Phase: **A:** Acetonitrile **B:** Dichloromethane
Gradient:

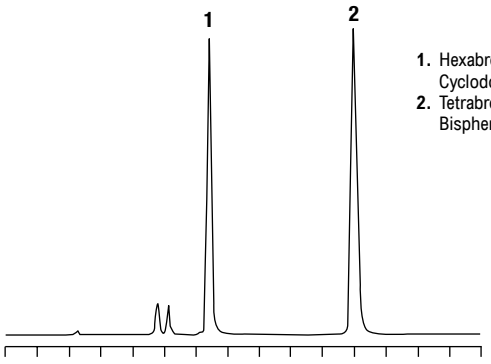
Time:	0	20	25	30	35
%B:	30	70	70	30	30

Flow Rate: 1.0mL/min
Detector: ELSD

Fire Retardants

Brominated Flame Retardants

CHROM 10261



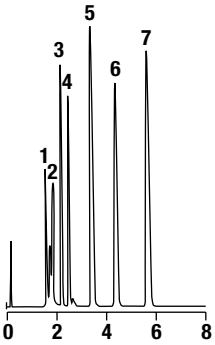
1. Hexabromo Cyclododecane
2. Tetrabromo Bisphenol A (Allyl Ether)

Column: Alltech® Alltima™ C18, 5µm, 250 x 4.6mm (Part No. **88056**)
Mobile Phase: Water:Acetonitrile (5:95)
Flow Rate: 1.0mL/min
Detector: ELSD

Standards

Standards Mix

CHROM 10696

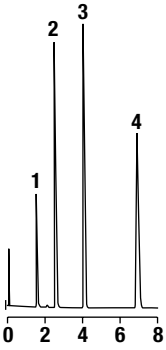


1. Nicotine
2. Quinine
3. Diphenhydramine
4. Nortriptyline
5. 2,4, Dichlorophenoxy Acetic Acid
6. 2,4, Dichlorophenoxy Propionic Acid
7. 2,4, Dichlorophenoxy Butyric Acid

Column: GraceSmart™ C18, 5µm, 150 x 4.6mm (Part No. **5138812**)
Mobile Phase: 50mM Potassium Phosphate, pH3.0:Acetonitrile (50:50)
Detector: UV at 254nm

Acids, Bases and Neutrals

CHROM 10695

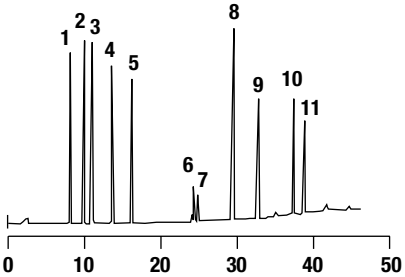


1. Uracil
2. Amitriptyline
3. Phenylvaleric Acid
4. Toluene

Column: GraceSmart™ C18, 5µm, 150 x 4.6mm (Part No. **5138812**)
Mobile Phase: 50mM Potassium Phosphate, pH3.0:Acetonitrile (50:50)
Detector: UV at 254nm

Dyes

Color Additives - Dyes



1. Tartrazine
2. Amaranth
3. Indigo Carmine
4. New Coccine
5. Sunset Yellow
6. Fast Green
7. Brilliant Blue
8. Erythosine
9. Acid Red
10. Phloxine
11. Rosé Bengale

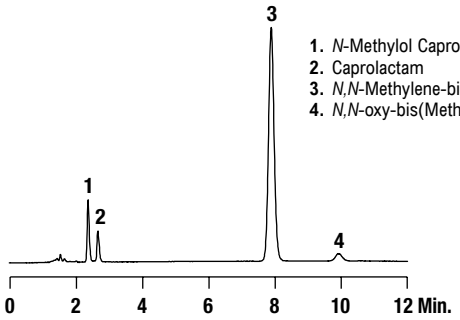
Column: Grom™ Sil 120 ODS-5 ST, 5µm, 150 x 4mm (Part No. **5113642**)
Mobile Phase: **A:** 10mM Ammonium Phosphate, pH6.0:Methanol (90:10)
B: 10mM Ammonium Phosphate, pH6.0:Methanol (20:30)
Gradient:

Time:	0	40	60
%B:	0	100	100

Flow Rate: 0.8mL/min
Detector: UV at 254nm

Solvents

Caprolactams

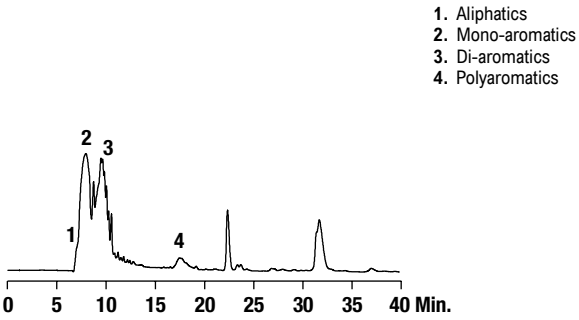


1. *N*-Methylol Caprolactam
2. Caprolactam
3. *N,N*-Methylene-bis(Caprolactam)
4. *N,N*-oxy-bis(Methylene)--Caprolactam

Column: Jones Genesis®, 4µm, 150 x 4.6mm (Part No. **FM15960E**)
Mobile Phase: Acetonitrile:20mM Phosphate, pH6.8 (22:78)
Flow Rate: 1.0mL/min
Detector: UV at 205nm

Fuels

Petrochemicals

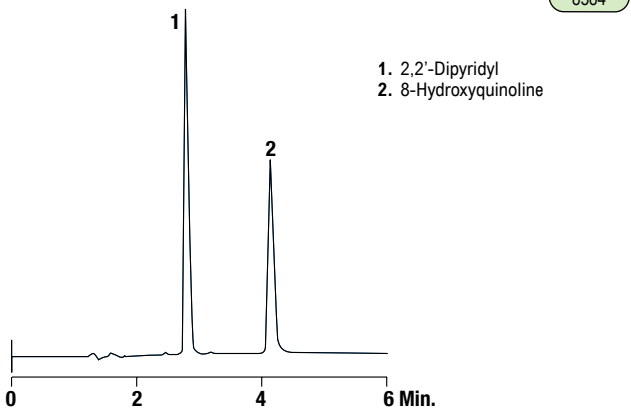


Column: Jones Genesis® Petro XL, 3µm, 250 x 4.6mm (Part No. **FM25991E**)
Mobile Phase: Hexane
Flow Rate: 1.0mL/min
Detector: UV at 210nm

Chelators

Metal Chelators

CHROM 8584

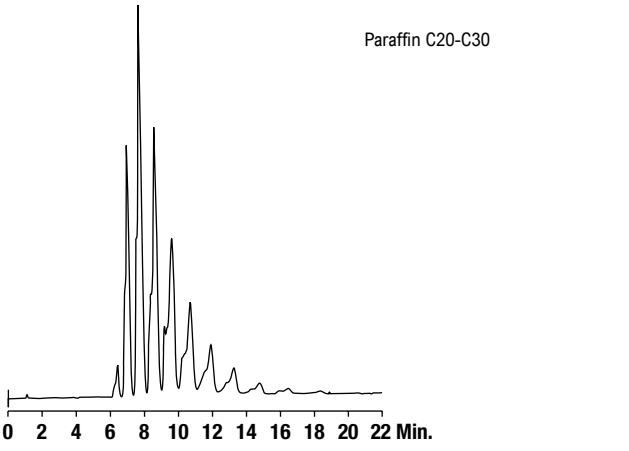


Column: Alltech® Alltima™ C18, 5µm, 150 x 4.6mm (Part No. **88052**)
Mobile Phase: 0.025M K_2HPO_4, pH7.0:Tetrahydrofuran: Methanol (50:25:25)
Flow Rate: 1.0mL/min
Detector: UV at 254nm

Paraffins

Paraffin Analysis

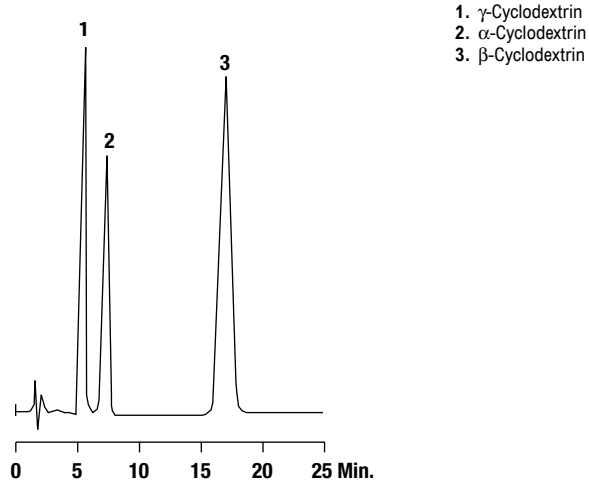
CHROM 10429



Column: Alltech® Alltima™ HP C18 HiLoad, 3µm, 100 x 4.6mm (Part No. **87685**)
Mobile Phase: Acetonitrile:Dichloromethane (60:40)
Flow Rate: 1.0mL/min
Detector: ELSD

Cyclodextrins

Cyclodextrins



Column: Grom™ Sil 120 ODS-5 ST, 5µm, 150 x 4mm (Part No. **5113642**)
Mobile Phase: Water:Methanol (95:5)
Flow Rate: 0.8mL/min
Detector: RI