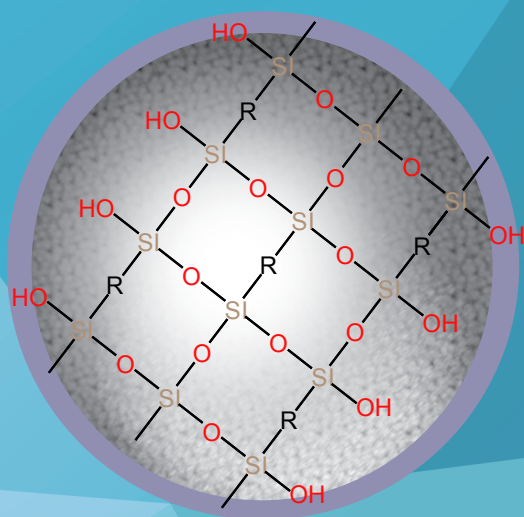




Titank C18-Plus

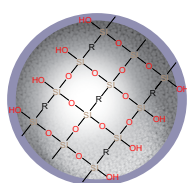
液相色谱柱

- 高耐温
- 高载样量
- 高稳定性
- 高保留性能
- 宽PH适用范围

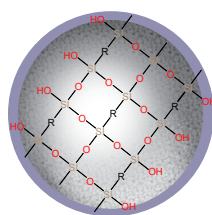


Titank C18-Plus参数

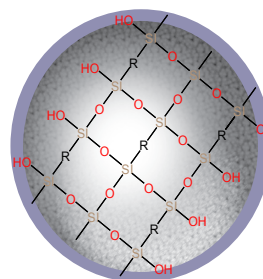
- 有机硅胶膜包裹的杂化硅胶载体，多点键合C18固定相，孔径100Å
- PH=1-12 (强化极端PH条件下的寿命)
- 100%水至100%有机相稳定
- 480 m²/g 高表面积提升上样量
- 二次端基封尾最小化拖尾因子
- 高碳载量23%
- 最高耐温90°C
- 可供应1.9, 3, 5, 10u粒径各种柱型以及7u, 10u填料



1.9u UHPLC颗粒



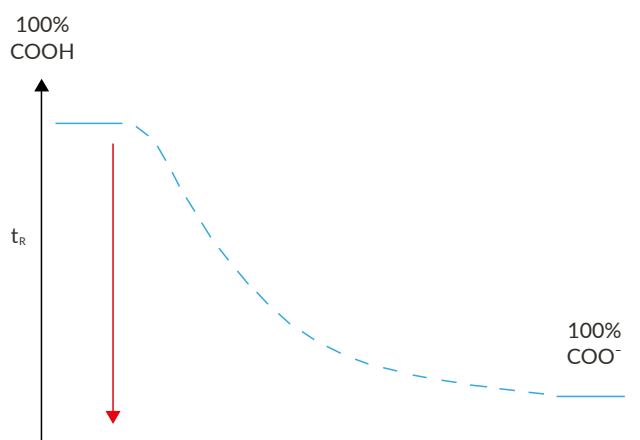
3u/5u HPLC颗粒



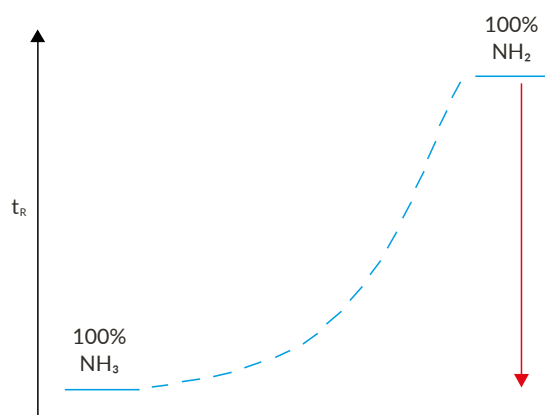
7u/10u PREP-LC颗粒

R基团=极性修饰的烷基基团

整体有机杂化硅胶球外表，以特殊工艺，用强化的高密度有机硅胶膜包裹，从而进一步强化此颗粒对强酸强碱的耐受度

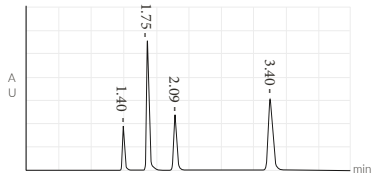


PH±2使酸性物质在其PKa下完全电离或不电离

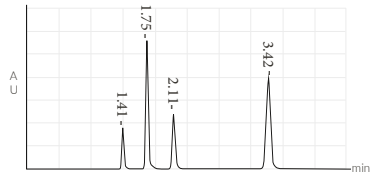


PH±2使碱性物质在其PKa下完全电离或不电离

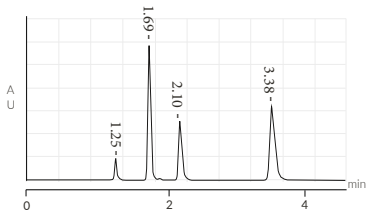
◆ Titank C18-Plus在PH=12的100% 0.05mM氢氧化钠水溶液条件下不同冲洗时间后的测试(强稳定性)



0 hours



220 hours



450 hours

测试条件

色谱柱: Titank C18-Plus 5 μ 150 \times 4.6mm

MP: MeOH/H₂O =85/15

1 ml/min UV 254 nm

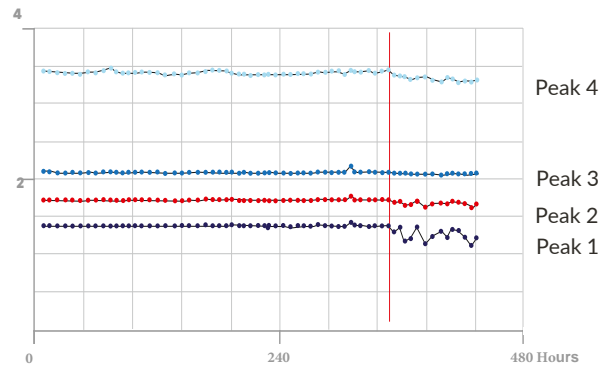
Compounds(0.6mg/ml):

1 Uracil

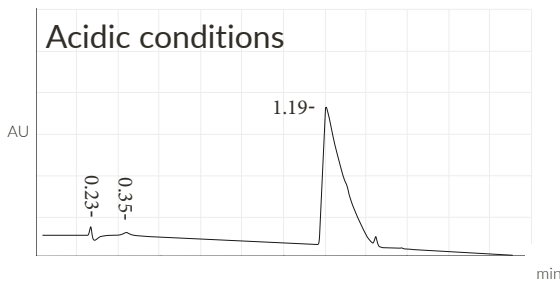
2 Phenol

3 N,N-Diethyl-M-Toluamide

4 Toluene



◆ Titank C18-Plus VS BEH C18酸性体系下某碱性化合物峰形



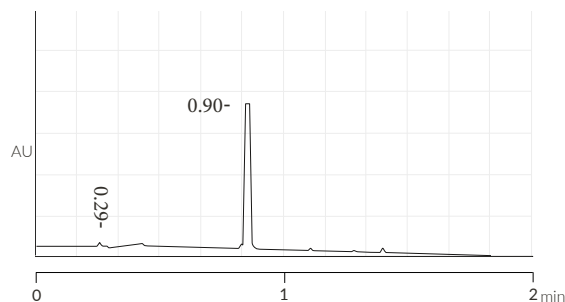
BEH C18

Column: BEH C18 1.7 μ m,50x2.1mm;

A: water (0.1% formic acid);

B: acetonitrile;

0-1.5 min 99%A-99 % B



Titank C18-Plus

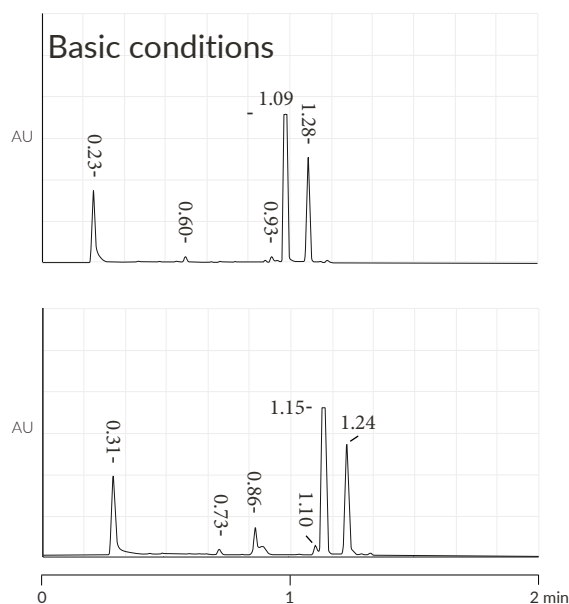
Column: Titank C18-Plus 3 μ m, 50 x 2.1 mm;

A: water (0.1% formic acid);

B: acetonitrile;

0-1.5min 99%A-99 % B

◆ Titank C18-Plus VS BEH C18碱性体系下某碱性化合物峰形



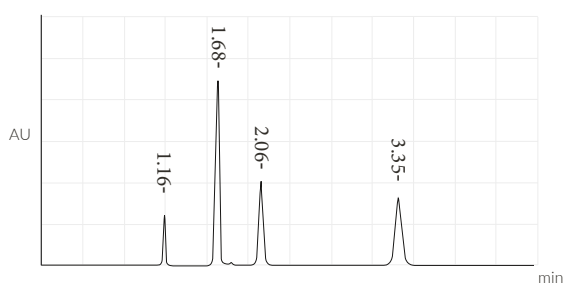
BEH C18

Column: BEH C18 1.7 μ m, 50x2.1mm;
A: PH=10.5 ammonia;
B: acetonitrile;
0-1.6 min 99%A-99 % B

Titank C18-Plus

Column: Titank C18-Plus 3 μ m, 75 x 2.1 mm;
A: PH=10.5 ammonia ;
B: acetonitrile;
0-1.4 min 99%A-99 % B

◆ 测试物在碱性与酸性条件下结果对比，显示不同类型化合物在Titank C18-Plus 色谱柱上都呈现优秀峰形

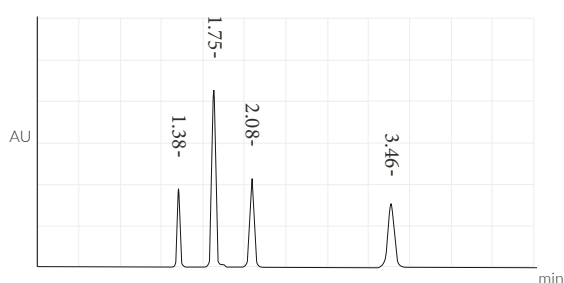


测试条件:

MP: 甲醇/氨水 (PH=10.5)
=85/15 1 ml/min UV 254 nm

Compounds(0.6mg/ml):

- 1 Uracil
- 2 Phenol
- 3 N,N-Diethyl-M-Toluamide
- 4 Toluene



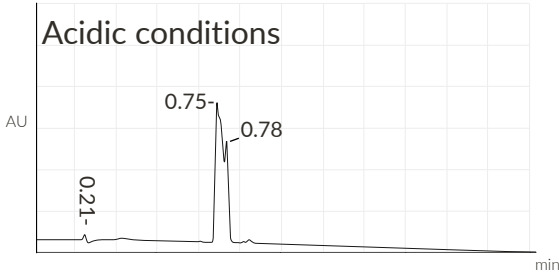
测试条件:

MP: 甲醇/磷酸缓冲盐 (PH=2.7)
=85/15 1 ml/min UV 254 nm

Compounds(0.6mg/ml):

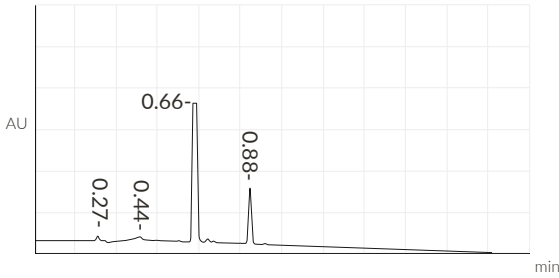
- 1 Uracil
- 2 Phenol
- 3 N,N-Diethyl-M-Toluamide
- 4 Toluene

◆ 未知物观测到更好的分离 Titank C18-Plus VS BEH C18



BEH C18

Column: Acquity UPLC BEH C18 1.7 μ m, 50x2.1mm;
 eluent A: water + 0.1 % formic acid;
 eluent B: acetonitrile;
 gradient: 0-1.6 min 1-99 % B, 1.6-2.0 min 99 % B

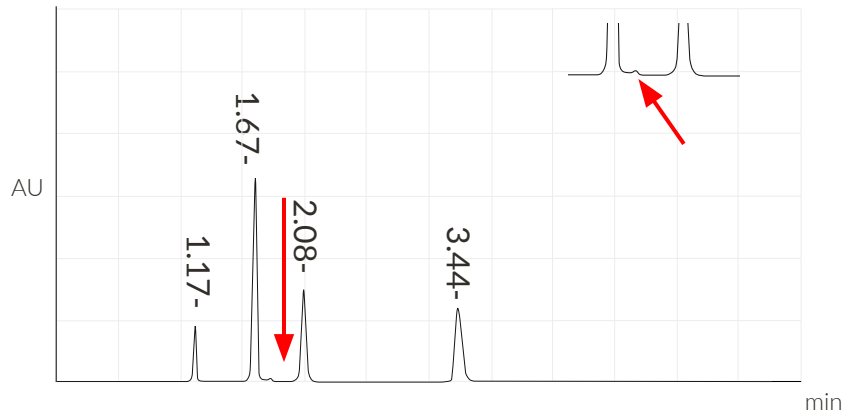


Titank C18-Plus

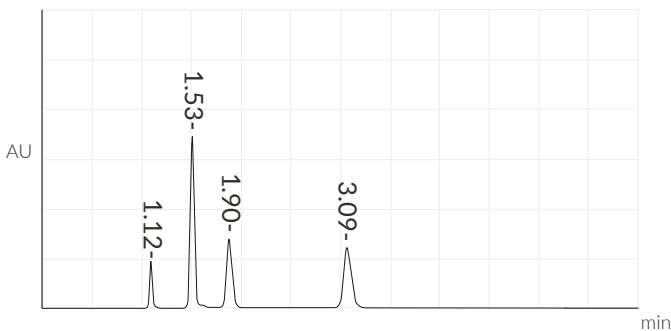
Column: Titank C18-Plus 3 μ m, 75 x 2.1 mm;
 eluent A: water + 0.1 % formic acid;
 eluent B: acetonitrile;
 gradient: 0-1.6 min 1-99% B, 1.4-2.0 min 99% B

◆ Titank C18-Plus 对某物质分析观测到更多的杂质

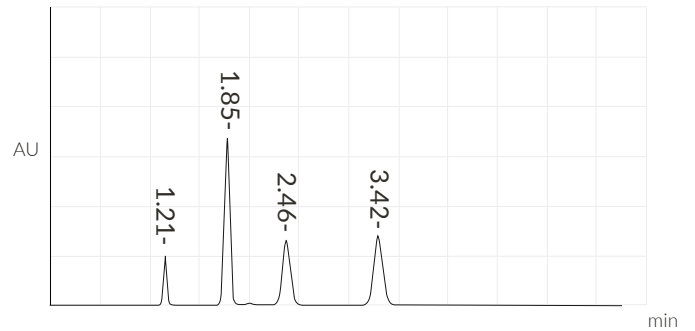
Column: Titank C18-Plus 5 μ m, 150 x 4.6 mm;
 Mobile phase: MeOH/NH₃ (PH 10.5) 85/15
 Flow rate: 1 ml/min
 Detector: UV @ 254 nm



Titank C18 -Plus



"K" Eternity C18



"P" Gemini C18

Titank C18-Plus订货信息

FMH-0061-DONU	Titank C18-PLUS 10u	300*4.0mm
FMG-0061-EONU	Titank C18-PLUS 10u	250*4.6mm
FMF-0061-EONU	Titank C18-PLUS 10u	150*4.6mm
FMG-0060-EONU	Titank C18-PLUS 5u	250*4.6mm
FMP-0060-EONU	Titank C18-PLUS 5u	200*4.6mm
FMF-0060-EONU	Titank C18-PLUS 5u	150*4.6mm
FME-0060-EONU	Titank C18-PLUS 5u	125*4.6mm
FMD-0060-EONU	Titank C18-PLUS 5u	100*4.6mm
FMB-0060-EONU	Titank C18-PLUS 5u	50*4.6mm
FMZ-0060-EONU	Titank C18-PLUS 5u	33*4.6mm
FMH-0060-DONU	Titank C18-PLUS 5u	300*4.0mm
FMG-0060-DONU	Titank C18-PLUS 5u	250*4.0mm
FMF-0060-DONU	Titank C18-PLUS 5u	150*4.0mm
FME-0060-DONU	Titank C18-PLUS 5u	125*4.0mm
FMD-0060-DONU	Titank C18-PLUS 5u	100*4.0mm
FMB-0060-DONU	Titank C18-PLUS 5u	50*4.0mm
FMA-0060-DONU	Titank C18-PLUS 5u	30*4.0mm
FMR-0060-DONU	Titank C18-PLUS 5u	13*4.0mm
FMG-0060-YONU	Titank C18-PLUS 5u	250*3.0mm
FMF-0060-YONU	Titank C18-PLUS 5u	150*3.0mm
FME-0060-YONU	Titank C18-PLUS 5u	125*3.0mm
FMD-0060-YONU	Titank C18-PLUS 5u	100*3.0mm
FMB-0060-YONU	Titank C18-PLUS 5u	50*3.0mm
FMA-0060-YONU	Titank C18-PLUS 5u	30*3.0mm
FMR-0060-YONU	Titank C18-PLUS 5u	13*3.0mm
FMG-0060-BONU	Titank C18-PLUS 5u	250*2.1mm
FMF-0060-BONU	Titank C18-PLUS 5u	150*2.1mm
FMD-0060-BONU	Titank C18-PLUS 5u	100*2.1mm
FMB-0060-BONU	Titank C18-PLUS 5u	50*2.1mm
FMA-0060-BONU	Titank C18-PLUS 5u	30*2.1mm
FMG-0059-EONU	Titank C18-PLUS 3u	250*4.6mm
FMF-0059-EONU	Titank C18-PLUS 3u	150*4.6mm
FME-0059-EONU	Titank C18-PLUS 3u	125*4.6mm
FMD-0059-EONU	Titank C18-PLUS 3u	100*4.6mm
FMB-0059-EONU	Titank C18-PLUS 3u	50*4.6mm
FMZ-0059-EONU	Titank C18-PLUS 3u	33*4.6mm
FMG-0059-DONU	Titank C18-PLUS 3u	250*4.0mm
FMF-0059-DONU	Titank C18-PLUS 3u	150*4.0mm
FME-0059-DONU	Titank C18-PLUS 3u	125*4.0mm
FMD-0059-DONU	Titank C18-PLUS 3u	100*4.0mm
FMB-0059-DONU	Titank C18-PLUS 3u	50*4.0mm
FMA-0059-DONU	Titank C18-PLUS 3u	30*4.0mm
FMR-0059-DONU	Titank C18-PLUS 3u	13*4.0mm
FMG-0059-YONU	Titank C18-PLUS 3u	250*3.0mm

FMF-0059-YONU	Titank C18-PLUS 3u	150*3.0mm
FME-0059-YONU	Titank C18-PLUS 3u	125*3.0mm
FMD-0059-YONU	Titank C18-PLUS 3u	100*3.0mm
FMB-0059-YONU	Titank C18-PLUS 3u	50*3.0mm
FMA-0059-YONU	Titank C18-PLUS 3u	30*3.0mm
FMR-0059-YONU	Titank C18-PLUS 3u	13*3.0mm
FMG-0059-BONU	Titank C18-PLUS 3u	250*2.1mm
FMF-0059-BONU	Titank C18-PLUS 3u	150*2.1mm
FMD-0059-BONU	Titank C18-PLUS 3u	100*2.1mm
FMB-0059-BONU	Titank C18-PLUS 3u	50*2.1mm
FMA-0059-BONU	Titank C18-PLUS 3u	30*2.1mm
FMF-0058-EONU	Titank C18-PLUS 1.9u	150*4.6mm
FMD-0058-EONU	Titank C18-PLUS 1.9u	100*4.6mm
FMB-0058-EONU	Titank C18-PLUS 1.9u	50*4.6mm
FMF-0058-YONU	Titank C18-PLUS 1.9u	150*3.0mm
FMD-0058-YONU	Titank C18-PLUS 1.9u	100*3.0mm
FMB-0058-YONU	Titank C18-PLUS 1.9u	50*3.0mm
FMA-0058-YONU	Titank C18-PLUS 1.9u	30*3.0mm
FMR-0058-YONU	Titank C18-PLUS 1.9u	13*3.0mm
FMF-0058-BONU	Titank C18-PLUS 1.9u	150*2.1mm
FMD-0058-BONU	Titank C18-PLUS 1.9u	100*2.1mm
FMB-0058-BONU	Titank C18-PLUS 1.9u	50*2.1mm
FMA-0058-BONU	Titank C18-PLUS 1.9u	30*2.1mm
FMF-0060-NONU	Titank C18-PLUS 5u	150*10mm
FMG-0060-NONU	Titank C18-PLUS 5u	250*10mm
FMD-0060-PONU	Titank C18-PLUS 5u	100*21.2mm
FMF-0060-PONU	Titank C18-PLUS 5u	150*21.2mm
FMG-0060-PONU	Titank C18-PLUS 5u	250*21.2mm
FMD-0060-UONU	Titank C18-PLUS 5u	100*30mm
FMF-0060-UONU	Titank C18-PLUS 5u	150*30mm
FMG-0060-UONU	Titank C18-PLUS 5u	250*30mm
FMF-0060-VONU	Titank C18-PLUS 5u	150*50mm
FMG-0060-VONU	Titank C18-PLUS 5u	250*50mm
FMG-0061-EONU	Titank C18-PLUS 10u	250*10mm
FMF-0061-PONU	Titank C18-PLUS 10u	150*21.2mm
FMG-0061-PONU	Titank C18-PLUS 10u	250*21.2mm
FMF-0061-UONU	Titank C18-PLUS 10u	150*30mm
FMG-0061-UONU	Titank C18-PLUS 10u	250*30mm
FMG-0061-VONU	Titank C18-PLUS 10u	250*50mm
FMF-0061-VONU	Titank C18-PLUS 10u	150*50mm
05K-0061	Titank C18-PLUS 10u Bulk	1KG/PK
05K-0061S	Titank C18-PLUS 7u Bulk	1KG/PK



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