

nanofilter Vial™

Patented



**When Every
µL Counts**

nanofilter Vials (10µL Dead Volume)

Thomson nano|Filter Vials™ offer a very low dead volume allowing one to filter as little as 10µL of sample with enough remaining filtrate to make a 2µL injection. The filter vial consists of two parts: a filter vial shell with mating bottom surface and a plunger which includes a filter on one end and a screw cap vial on the other end.

Applications include the analysis of enzymes, peptides, DNA, RNA, synthesis reaction intermediates, finished products, saliva, samples available in low volumes, in-vial evaporation and re-suspension for sample concentration and buffer/solvent change.

nanofilter Vial™

.2µM PTFE

Part No. 15530

Part No. 25530 (Pre-Slit Cap)

.2µM PVDF

Part No. 15531

Part No. 25531 (Pre-Slit Cap)

.2µM NYLON

Part No. 15538

Part No. 25538 (Pre-Slit Cap)

.45µM PTFE

Part No. 15540

Part No. 25540 (Pre-Slit Cap)

.45µM PVDF

Part No. 15541

Part No. 25541 (Pre-Slit Cap)

.2µM PES

Part No. 15535

Part No. 25535 (Pre-Slit Cap)



Date: 05-06-11
Instrument: ZQ12

10 μ L

FILTRATION

WITH

2 μ L

INJECTION



Open Access LCMS - ZQ12 - FRENICA1

File:FRENICA1_ZQ12-1087-1
 Notes:DEPTH 2 -10uL
 Time:16:18:04
 Method:C:\MassLynx\09_LC-C8-BroadRange-ApH.olg

Submitter:FRENICA1
 TA-Project:AS
 Date:03-Oct-2011
 Instrument:ZQ12

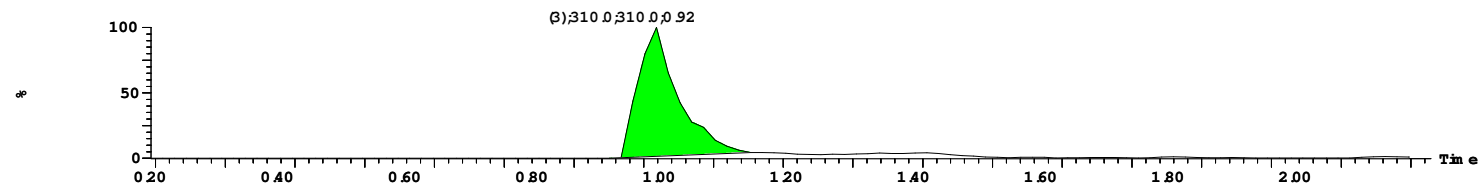
ID:MICRO VIAL
 Vial:1:44
 Sample: 1

Printed: Mon Oct 03 16:21:39 2011

Sample Report:

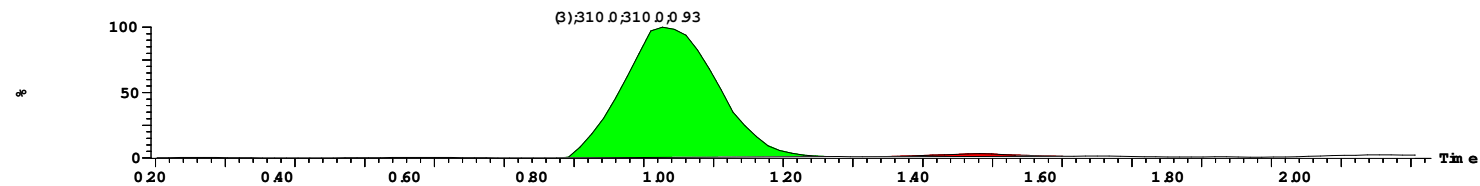
1:MS ES+ 311.008+332.99+352.034

1.2e+007



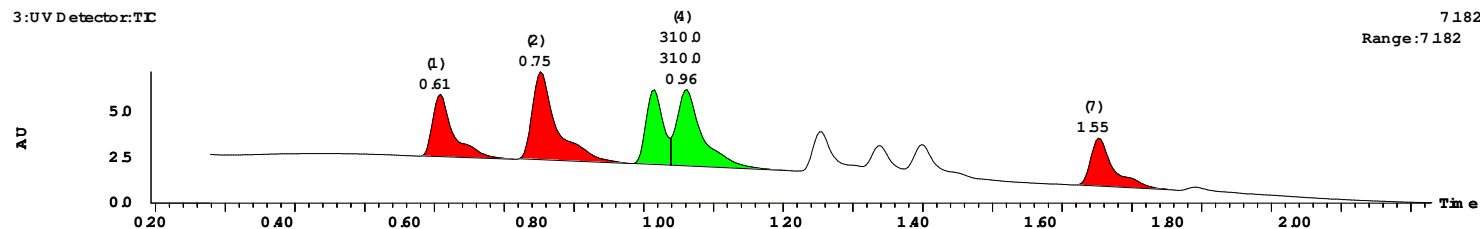
2:MS ES- 308.992+369.013

9.8e+004



3:UV Detector:TC

7.182
 Range:7.182



Peak Number	Time	Area %
1	0.61	16.61
2	0.75	27.61
3	0.92	16.36
4	0.96	25.32
7	1.55	14.11



Open Access LCMS - ZQ12 - FRENICA1

File:FRENICA1_ZQ12-1087-1
 Notes:DEPTH 2 -10uL
 Time:16:18:04
 Method:C:\MassLynx\09_LC-C8-BroadRange-ApH.olp

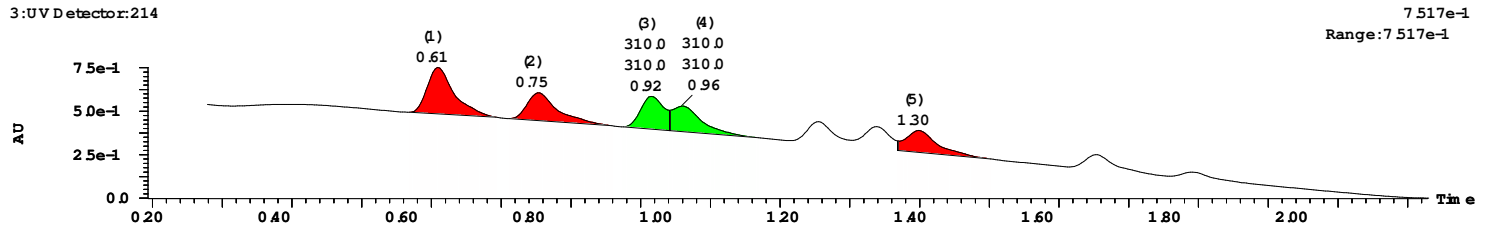
Submitter:FRENICA1
 TA-Project:AS
 Date:03-Oct-2011
 Instrument:ZQ12

ID:MICRO VIAL
 Vial:1:44
 Sample: 1

Printed: Mon Oct 03 16:21:39 2011

Sample Report (continued):

3:UV Detector:214

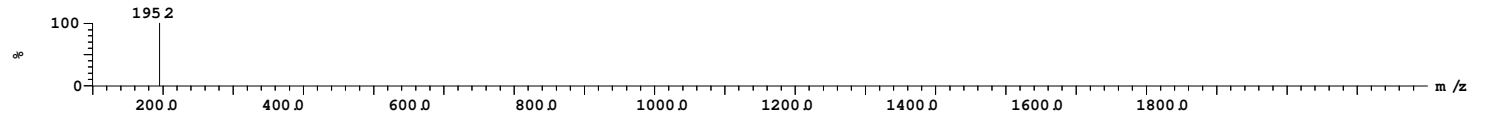


Peak Number	Time	Area %
1	0.61	28.93
2	0.75	19.58
3	0.92	17.71
4	0.96	17.56
5	1.30	16.23

Peak ID	Time	Mass Found	Base Peak	State
1	0.61		195.2	Diversity fail

1:(Time:0.61)

1 M SES+
1.7e+006



Peak ID	Time	Mass Found	Base Peak	State
1	0.61		478.1	Diversity fail

1:(Time:0.61)

2 M SES-
1.4e+003

