Vermont Department of Health Laboratory
Toxicology Program

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Certificate of Analysis of DataMaster External Standard Solution

On 7/1/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster External Standard solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-01-100 and an expiration date of 7/1/2010.

On 7/10/2009 and 7/16/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.098 g/210L simulated breath ethanol concentration and approved for use as a DataMaster External Standard solution.

Dated at Burlington, Vermont on Monday, July 20, 2009.

Darcy Richardson

Lot # 10-01-100

Prepared by ALB
Prepared on 7/1/2009
Expires on 7/1/2010

Analyzed on 7/10/09, 7/16/09
analyzed by DMR and ALB

0.0984	0.0985		**Target**	**0.098**
0.0986	0.0978		Std Dev	0.001064
0.0975	0.0976			
0.0984	0.0989			
0.0981	0.0952			
0.0979	0.1000			
0.0997	0.0973			
0.0996	0.0969			
0.1002	0.0974			
0.0994	0.0983			
0.1001	0.0983			
0.0993	0.0983			
0.1007	0.0969			
	0.0969			
0.0991	**0.0977**	mean		
0.0009886	0.001139	std dev		

1 point dropped due to poor integration
DMR

File Name: C:\Methods\BloodAlcohol4.cal
Version: 28

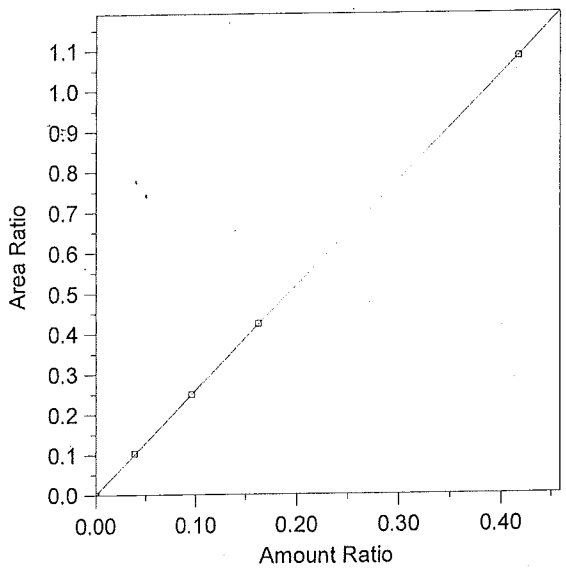
Creator:
Description:
Reason for change:

Internal standard calibration
No injection volume correction
No sample weight correction
Area reject threshold: 5000
Reference peak area reject threshold: 0
Amount units:
No default component

Method of calculating data point averages: Equal weight for all updates
No calibration update report

All levels are normal data points.

3 Ethanol



Expected retention time:	2.707 minutes
Search window:	0.1 minutes
Internal standard component:	7 (n-Propanol)
No retention time reference component	
Group number:	0
High alarm limit:	0
Low alarm limit:	0
Component constant:	0

Single peak quantification by area

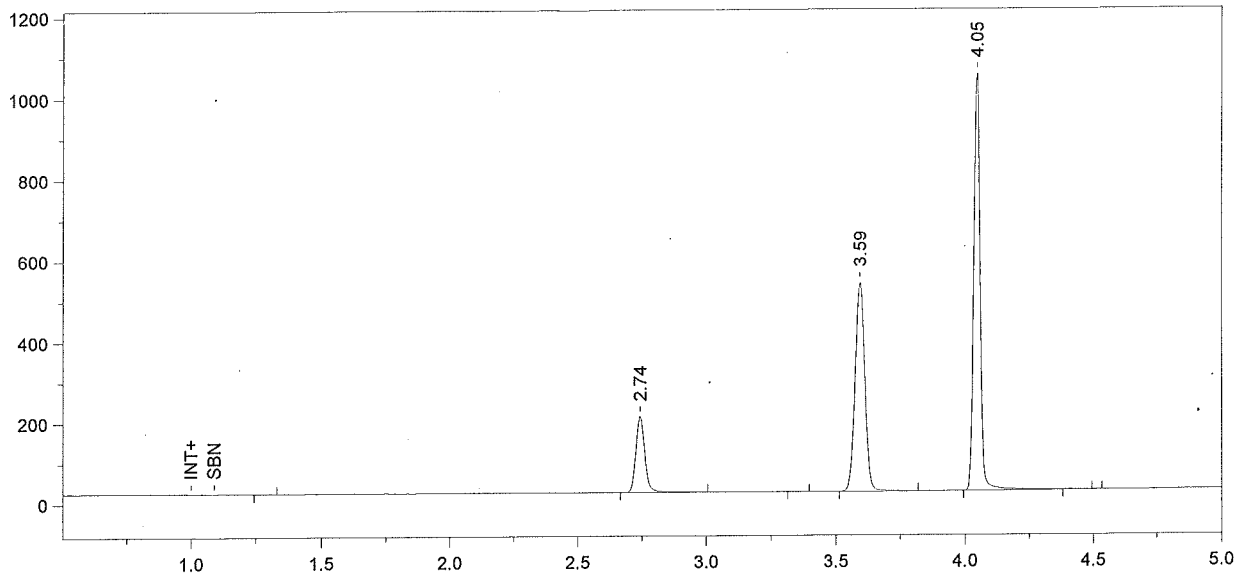
Y = 2.595215 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9999964
Average error:	0.329%
Average CF:	2.084289
RSD:	55.906%

Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	--	0.000	0	0	Manual	4/11/2005 10:03:40 AM
2	0.039	214370.2	5496672	1.378	0.039	0.1026085	C:\Alcohol Data\Alc070709\Alc070709.0003.BND	7/7/2009 12:19:01 PM
3	0.096	517321.4	5388765	0.062	0.096	0.2492951	C:\Alcohol Data\Alc070709\Alc070709.0004.BND	7/7/2009 12:31:53 PM
4	0.163	886464.6	5438433	0.164	0.163	0.4237137	C:\Alcohol Data\Alc070709\Alc070709.0005.BND	7/7/2009 12:44:28 PM
5	0.417	2261146	5422413	-0.040	0.417	1.081767	C:\Alcohol Data\Alc070709\Alc070709.0006.BND	7/7/2009 12:56:13 PM

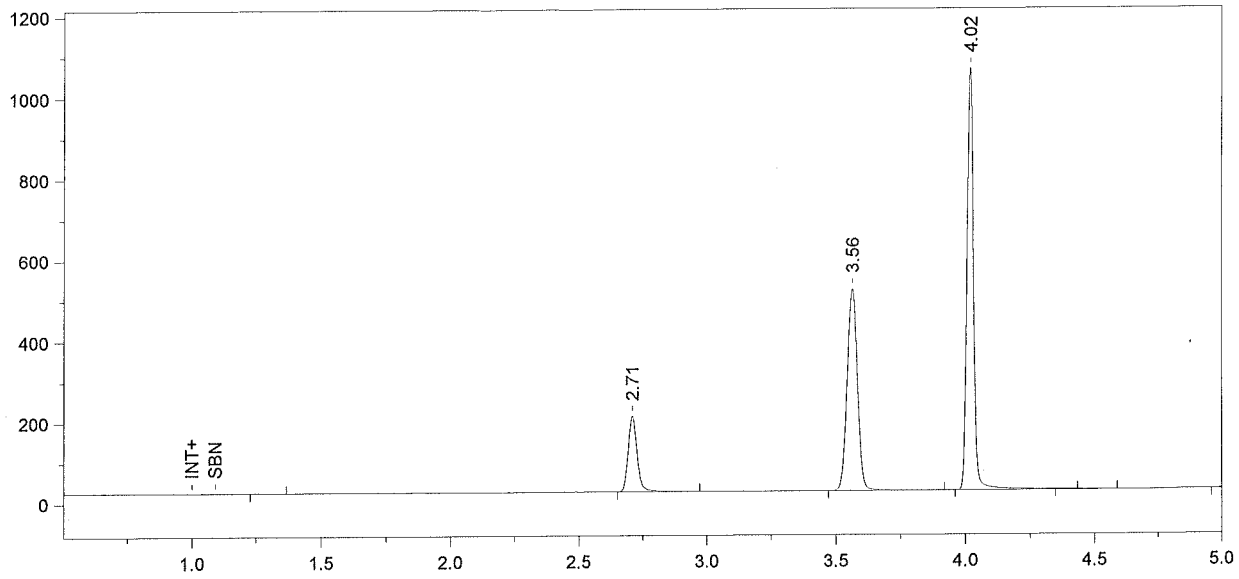
Printed on 7/7/2009 12:57:29 PM



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 11:03:46 AM
Bound File Name = Sim071009.0001.RAW
Sample Name = CCS
Date Taken = 7/10/2009 11:03:34 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

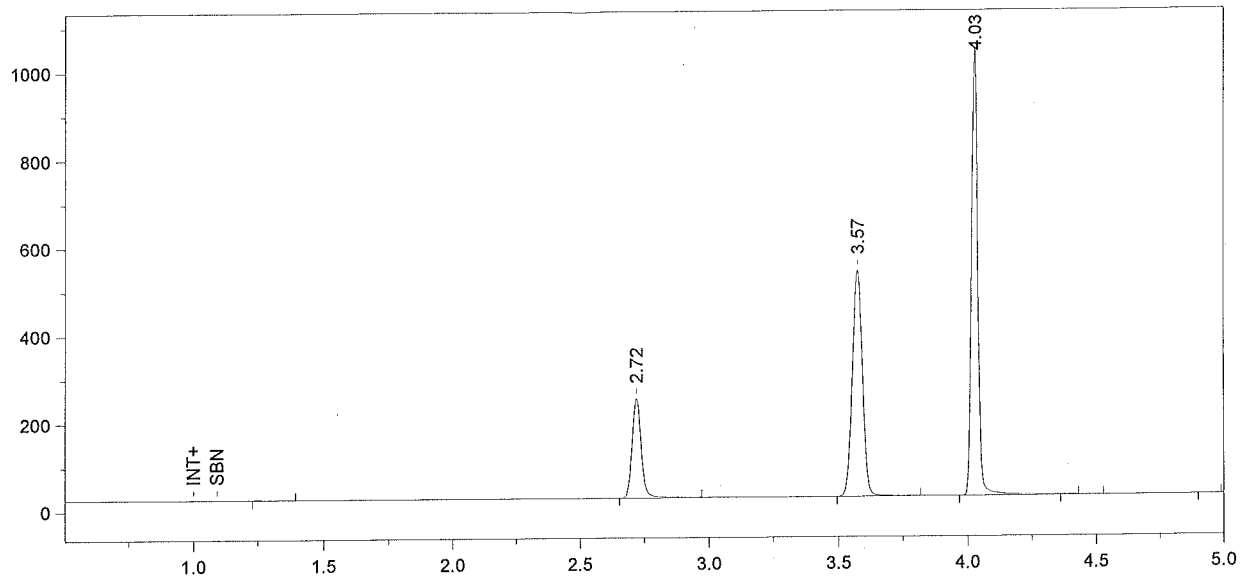
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.74	Ethanol	460148	0.0993
4	3.59	t-Butanol	1376962	0.9468
5	4.05	n-Propanol	1786350	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 11:18:05 AM
Bound File Name = Sim071009.0002.RAW
Sample Name = CCS
Date Taken = 7/10/2009 11:17:58 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

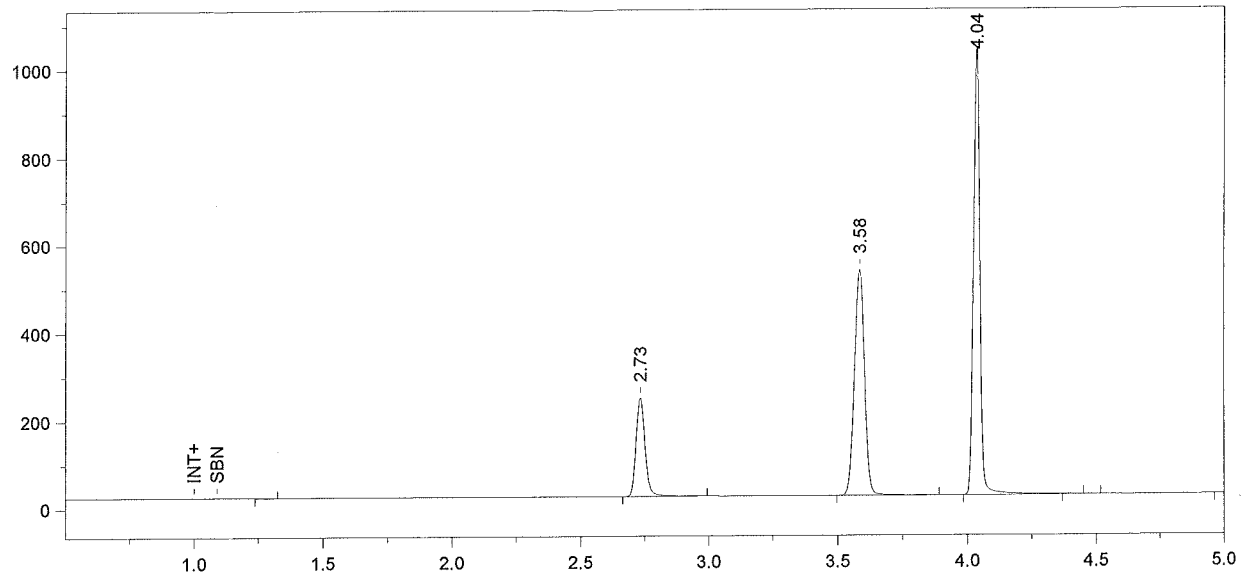
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.71	Ethanol	458596	0.0979
3	3.56	t-Butanol	1370650	0.9326
4	4.02	n-Propanol	1805379	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 11:33:03 AM
Bound File Name = Sim071009.0003.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 7/10/2009 11:33:00 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

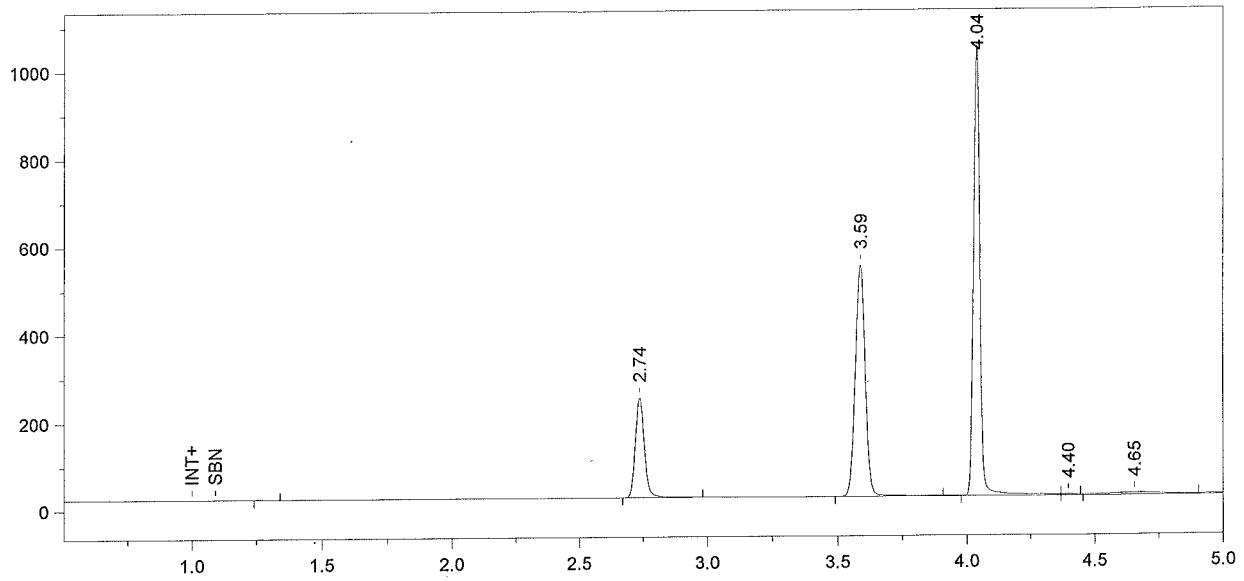
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.72	Ethanol	556069	0.1206	0.0984
3	3.57	t-Butanol	1398622	0.9671	0.7893
4	4.03	n-Propanol	1776544	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 11:48:06 AM
Bound File Name = Sim071009.0004.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 7/10/2009 11:48:01 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

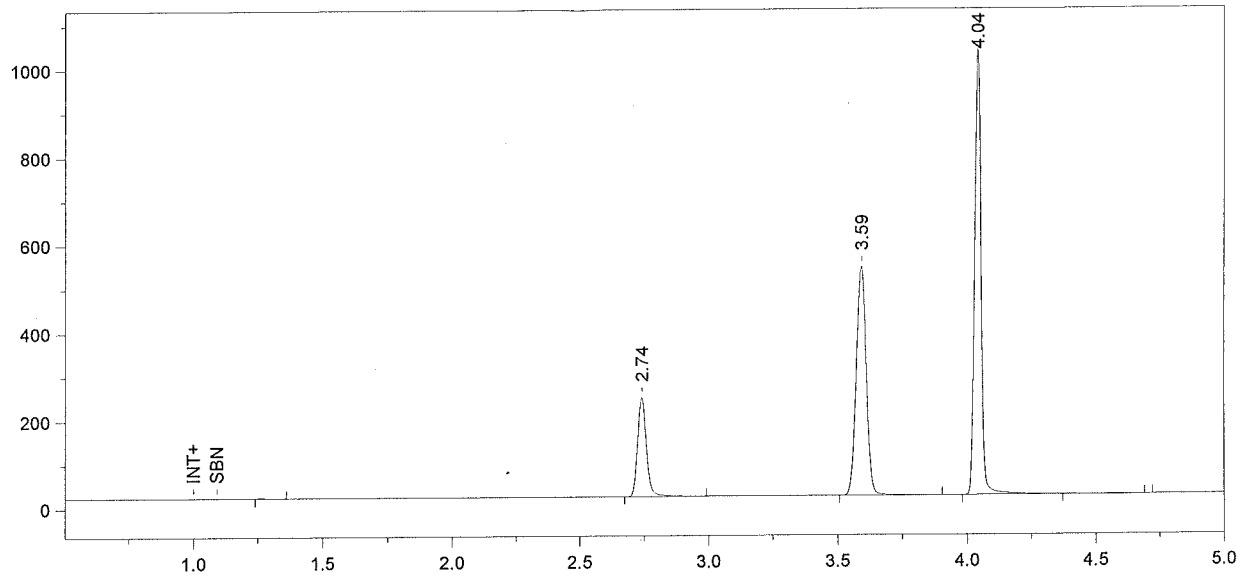
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.73	Ethanol	551396	0.1208	0.0986
3	3.58	t-Butanol	1383336	0.9665	0.7889
4	4.04	n-Propanol	1758105	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 12:03:18 PM
Bound File Name = Sim071009.0005.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 7/10/2009 12:03:04 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

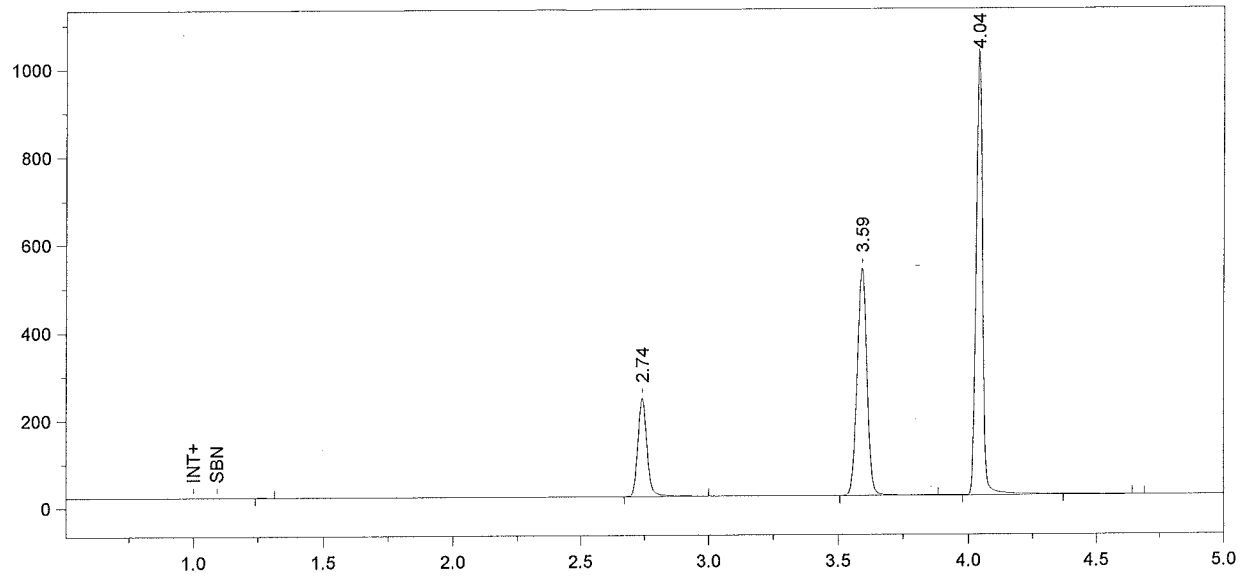
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.74	Ethanol	557345	0.1194	0.0975
3	3.59	t-Butanol	1415178	0.9666	0.7889
4	4.04	n-Propanol	1798468	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 12:18:06 PM
Bound File Name = Sim071009.0006.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 7/10/2009 12:18:02 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

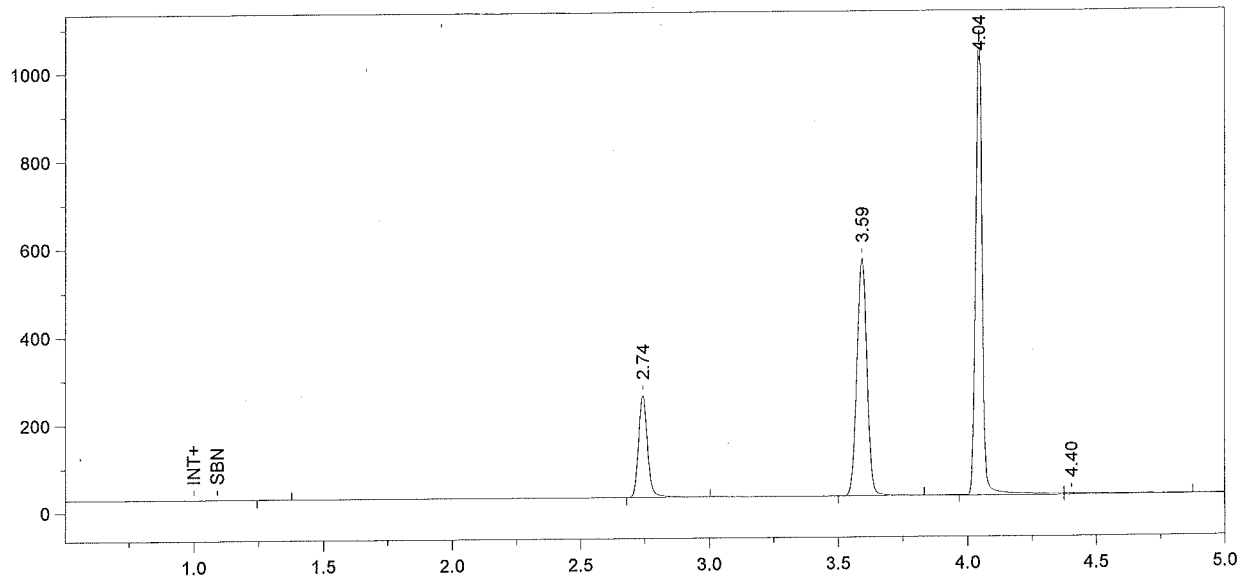
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.74	Ethanol	552944	0.1206	0.0984
3	3.59	t-Butanol	1384784	0.9625	0.7856
4	4.04	n-Propanol	1767220	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 12:33:17 PM
Bound File Name = Sim071009.0007.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 7/10/2009 12:33:15 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

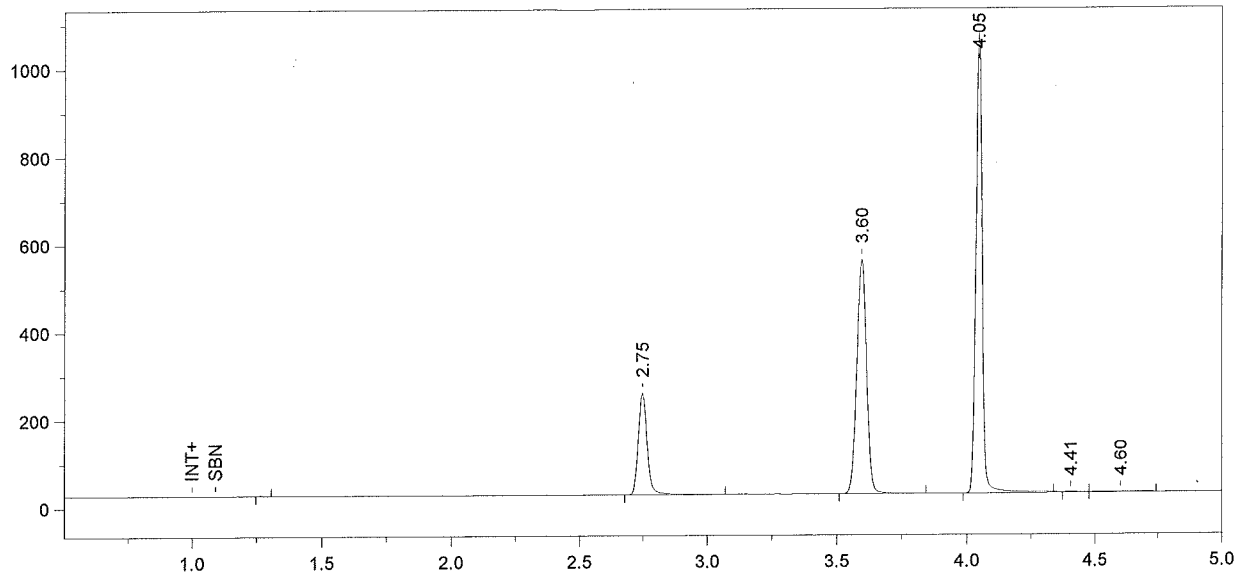
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.74	Ethanol	544668	0.1201	0.0981
3	3.59	t-Butanol	1374108	0.9662	0.7886
4	4.04	n-Propanol	1747016	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 12:48:20 PM
Bound File Name = Sim071009.0008.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 7/10/2009 12:48:16 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.74	Ethanol	570171	0.1199	0.0979
3	3.59	t-Butanol	1449816	0.9718	0.7932
4	4.04	n-Propanol	1832531	1.0000	0.8162



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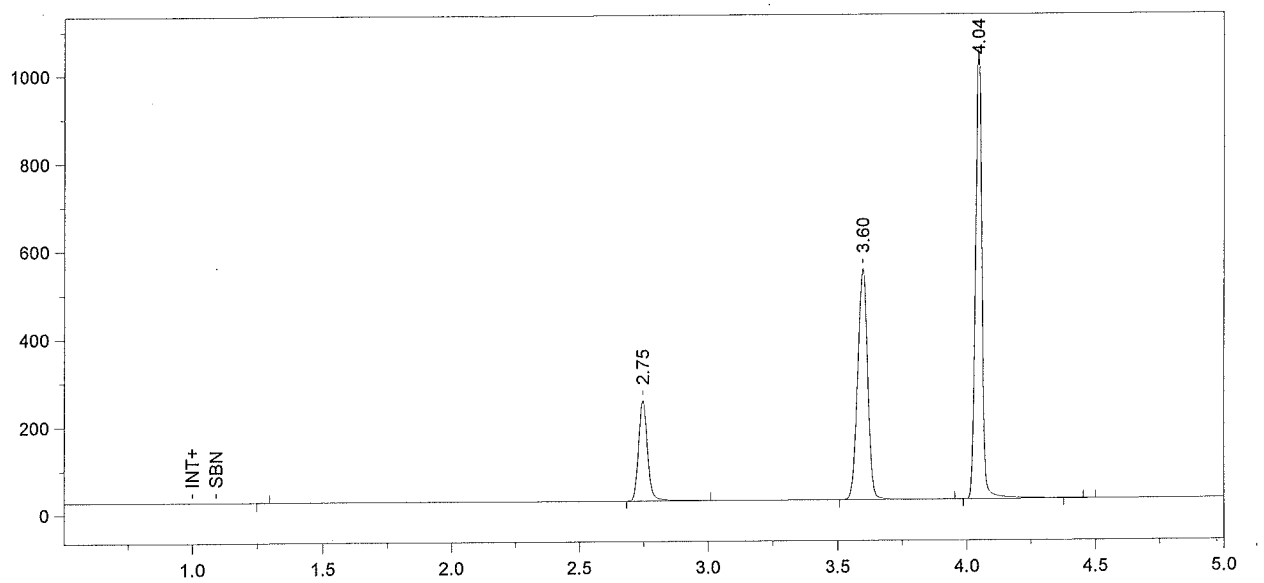
Today's Time = 1:03:09 PM
Bound File Name = Sim071009.0009.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 7/10/2009 1:03:05 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

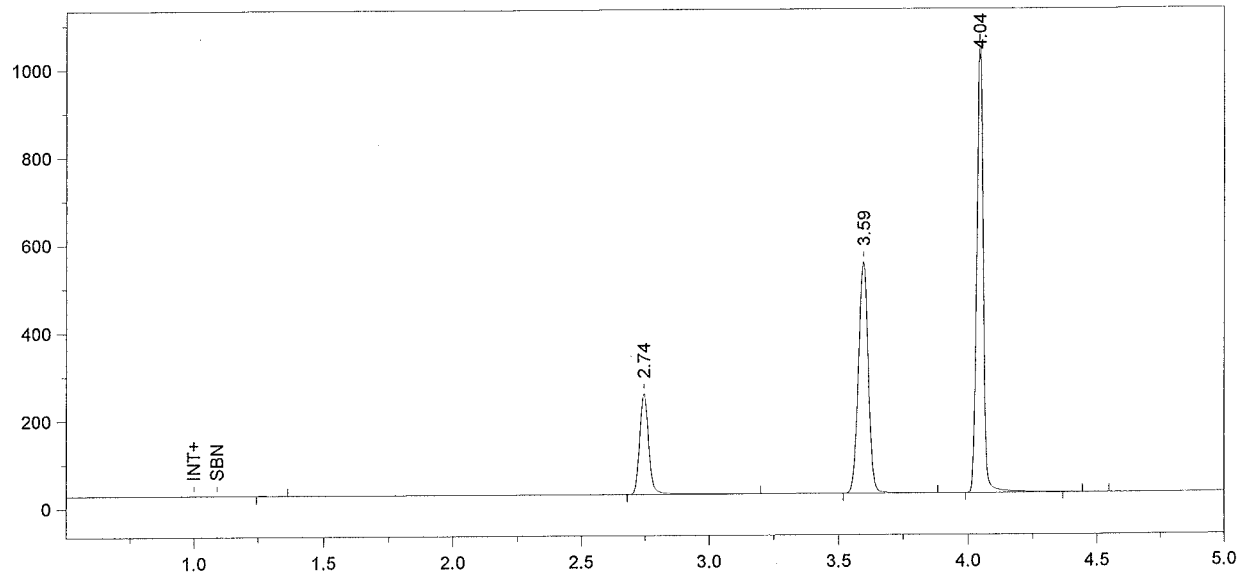
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.75	Ethanol	568789	0.1222	0.0997
3	3.60	t-Butanol	1426691	0.9770	0.7974
4	4.05	n-Propanol	1793718	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 1:18:15 PM
Bound File Name = Sim071009.0010.RAW
Sample Name = 0.10 Sim ALB
Date Taken = 7/10/2009 1:18:06 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

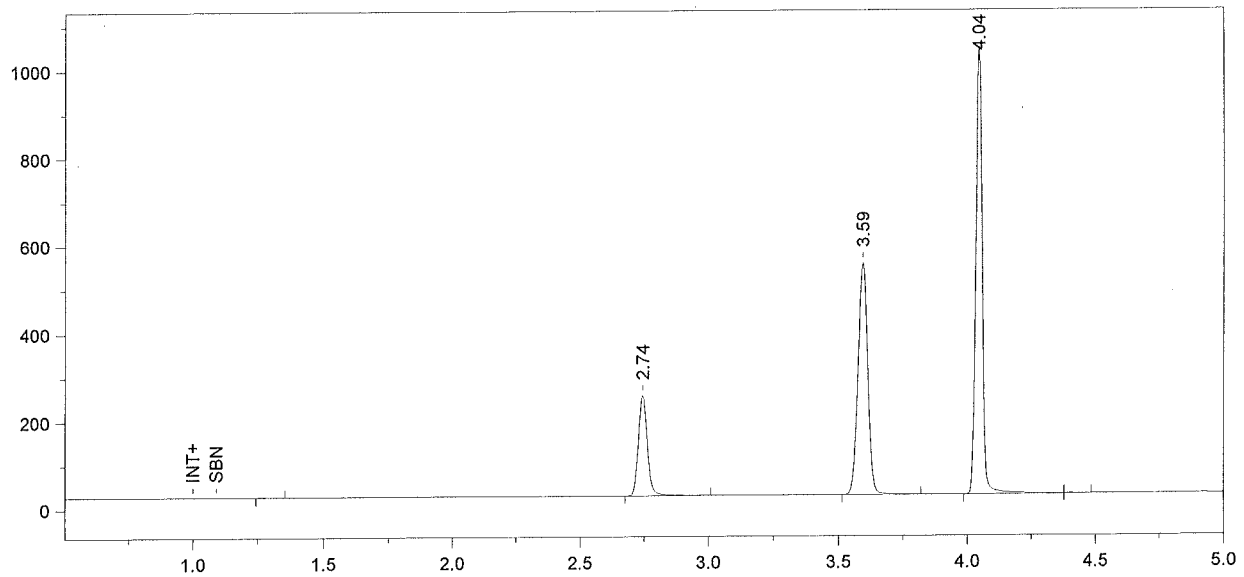
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.75	Ethanol	559295	0.1220	0.0996
3	3.60	t-Butanol	1401957	0.9752	0.7959
4	4.04	n-Propanol	1765990	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 1:33:13 PM
Bound File Name = Sim071009.0011.RAW
Sample Name = 0.10 Sim ALB
Date Taken = 7/10/2009 1:33:07 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.74	Ethanol	567044	0.1227	0.1002
3	3.59	t-Butanol	1409606	0.9725	0.7938
4	4.04	n-Propanol	1780449	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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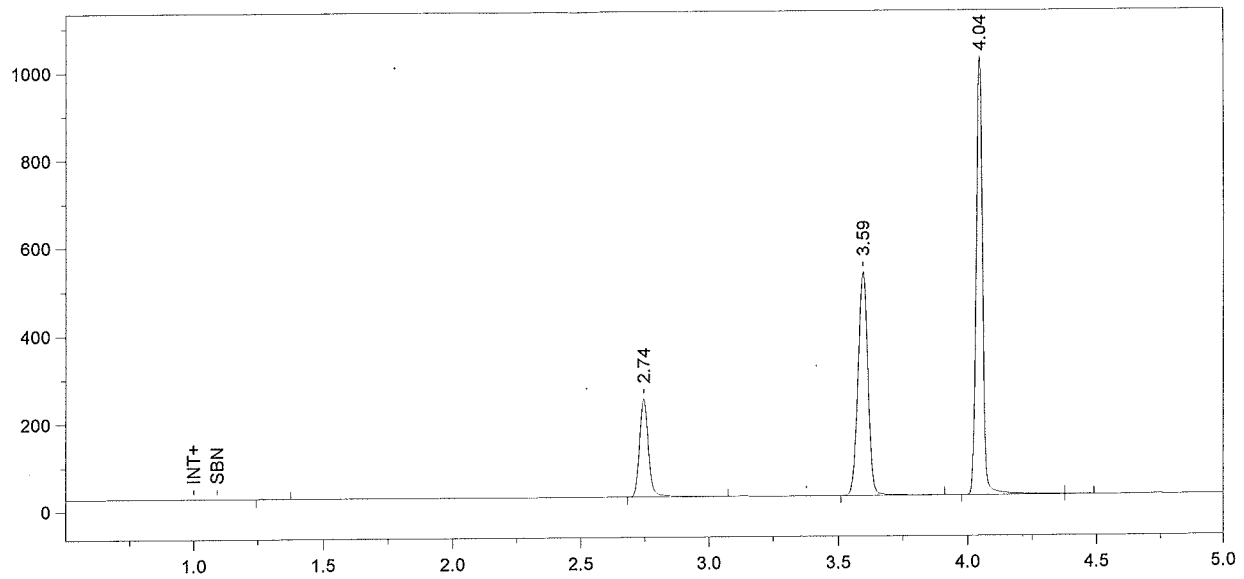
Today's Time = 1:48:14 PM
Bound File Name = Sim071009.0012.RAW
Sample Name = 0.10 Sim ALB
Date Taken = 7/10/2009 1:48:08 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.74	Ethanol	557773	0.1218	0.0994
3	3.59	t-Butanol	1397708	0.9732	0.7943
4	4.04	n-Propanol	1764249	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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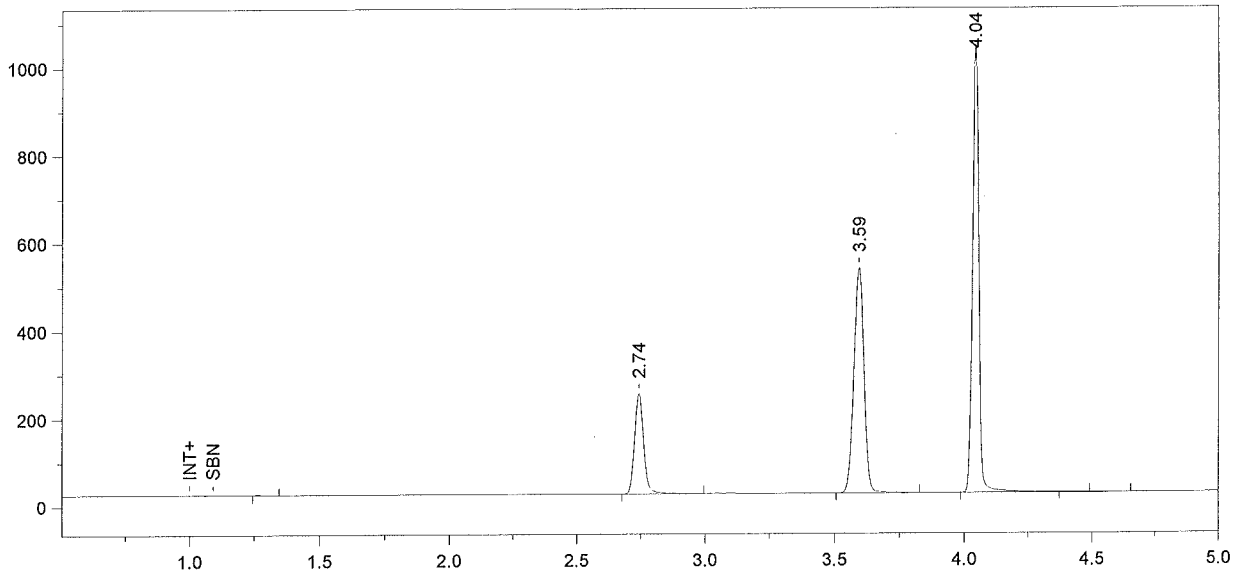
Today's Time = 2:03:16 PM
Bound File Name = Sim071009.0013.RAW
Sample Name = 0.10 Sim ALB
Date Taken = 7/10/2009 2:03:11 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

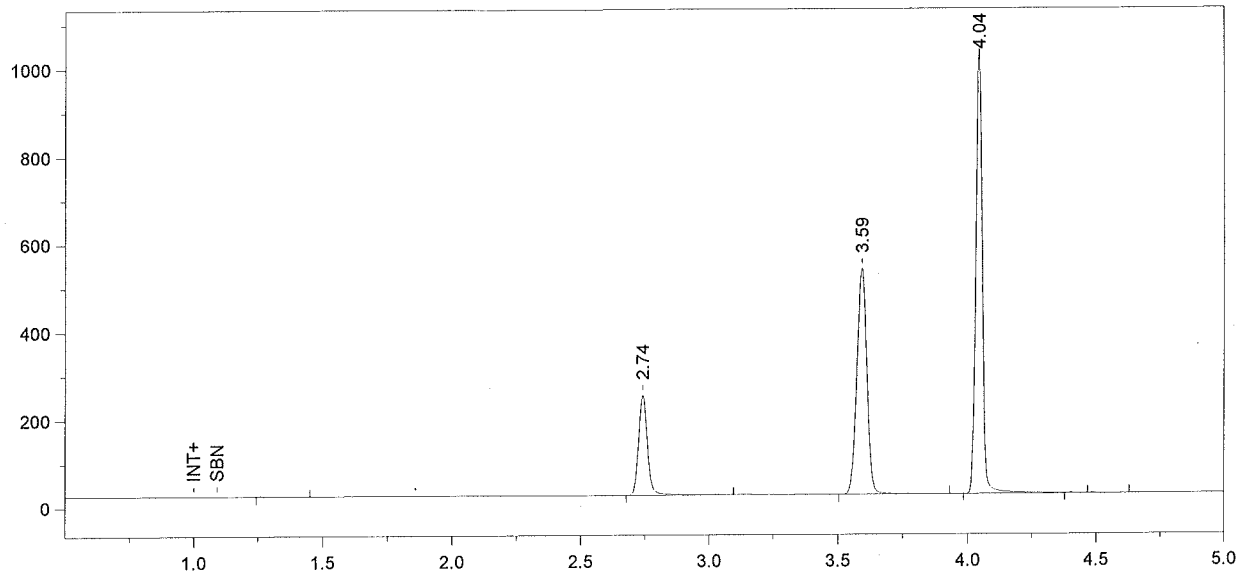
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.74	Ethanol	550831	0.1227	0.1001
3	3.59	t-Butanol	1368604	0.9717	0.7931
4	4.04	n-Propanol	1730155	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 2:18:18 PM
Bound File Name = Sim071009.0014.RAW
Sample Name = 0.10 Sim ALB
Date Taken = 7/10/2009 2:18:12 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

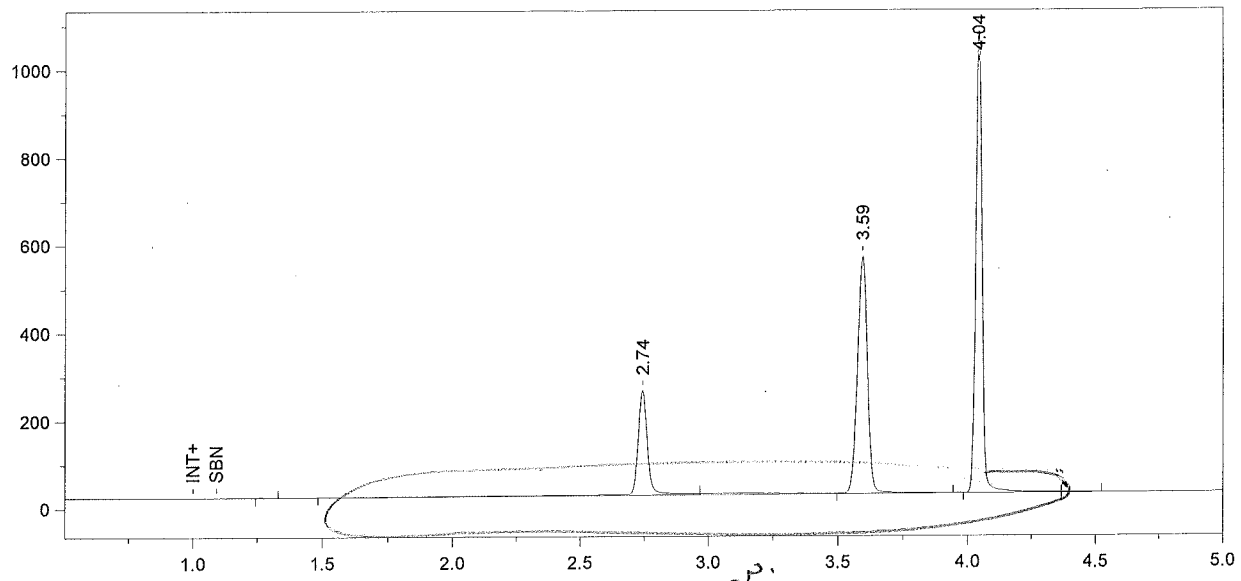
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.74	Ethanol	560638	0.1217	0.0993
3	3.59	t-Butanol	1389944	0.9617	0.7850
4	4.04	n-Propanol	1775301	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 2:33:18 PM
Bound File Name = Sim071009.0015.RAW
Sample Name = 0.10 Sim ALB
Date Taken = 7/10/2009 2:33:12 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.74	Ethanol	560275	0.1234	0.1007
3	3.59	t-Butanol	1374696	0.9648	0.7875
4	4.04	n-Propanol	1750138	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/10/2009
Bound File Name = Sim071009.0016.RAW
Sample Name = 0.10 Sim ALB
Date Taken = 7/10/2009 2:48:20 PM
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

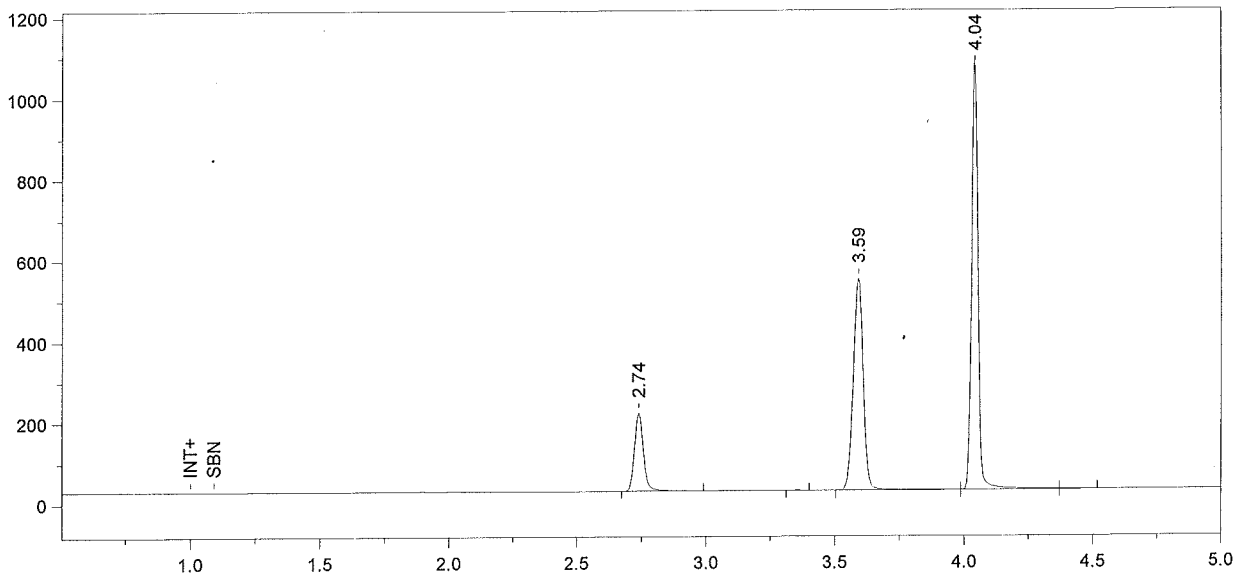
poor integration, not included in average. DM

Today's Time = 2:48:24 PM

VDH Headspace Alcohol

Calibration Version = 28

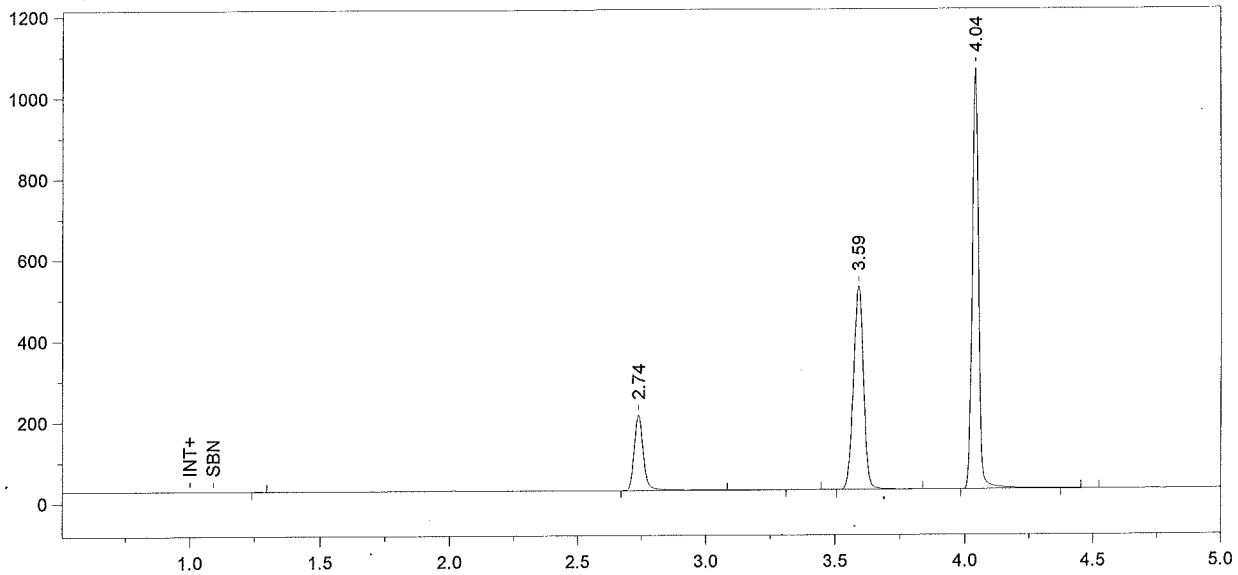
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.74	Ethanol	687237	0.1464	0.1195
3	3.59	t-Butanol	1465417	0.9955	0.8125
4	4.04	n-Propanol	1808218	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 3:03:23 PM
Bound File Name = Sim071009.0017.RAW
Sample Name = CCS
Date Taken = 7/10/2009 3:03:15 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
1	2.74	Ethanol	471826	0.0990
3	3.59	t-Butanol	1399925	0.9362
4	4.04	n-Propanol	1836854	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 7/10/2009
Today's Time = 3:18:22 PM
Bound File Name = Sim071009.0018.RAW
Sample Name = CCS
Date Taken = 7/10/2009 3:18:15 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 28

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.74	Ethanol	462846	0.1002
4	3.59	t-Butanol	1344234	0.9277
5	4.04	n-Propanol	1779945	1.0000

File Name: C:\Methods\BloodAlcohol4.cal
Version: 47

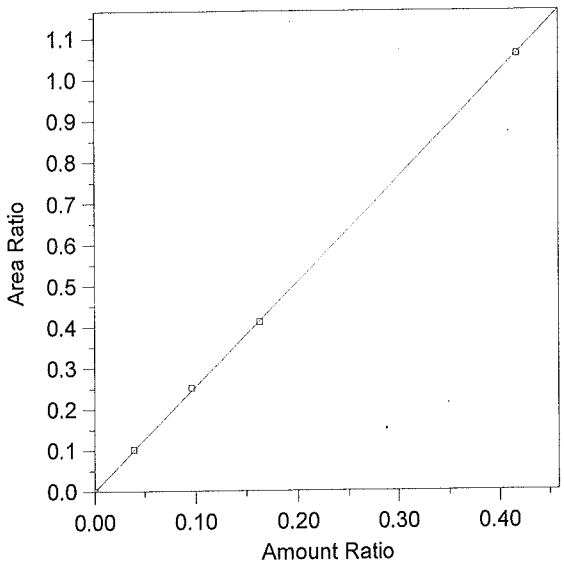
Creator:
Description:
Reason for change:

Internal standard calibration
No injection volume correction
No sample weight correction
Area reject threshold: 5000
Reference peak area reject threshold: 0
Amount units:
No default component

Method of calculating data point averages: Equal weight for all updates
No calibration update report

All levels are normal data points.

3 Ethanol



Expected retention time:	2.368 minutes
Search window:	0.1 minutes
Internal standard component:	7 (n-Propanol)
No retention time reference component	
Group number:	0
High alarm limit:	0
Low alarm limit:	0
Component constant:	0

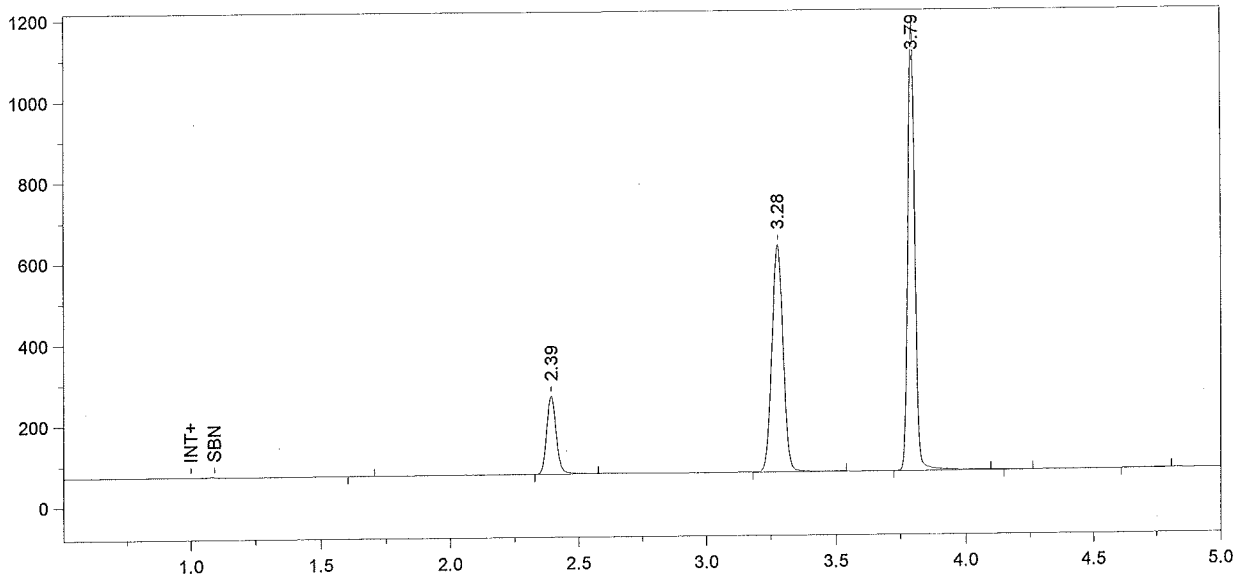
Single peak quantification by area

Y = 2.540784 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9999077
Average error:	1.200%
Average CF:	2.055462
RSD:	55.934%

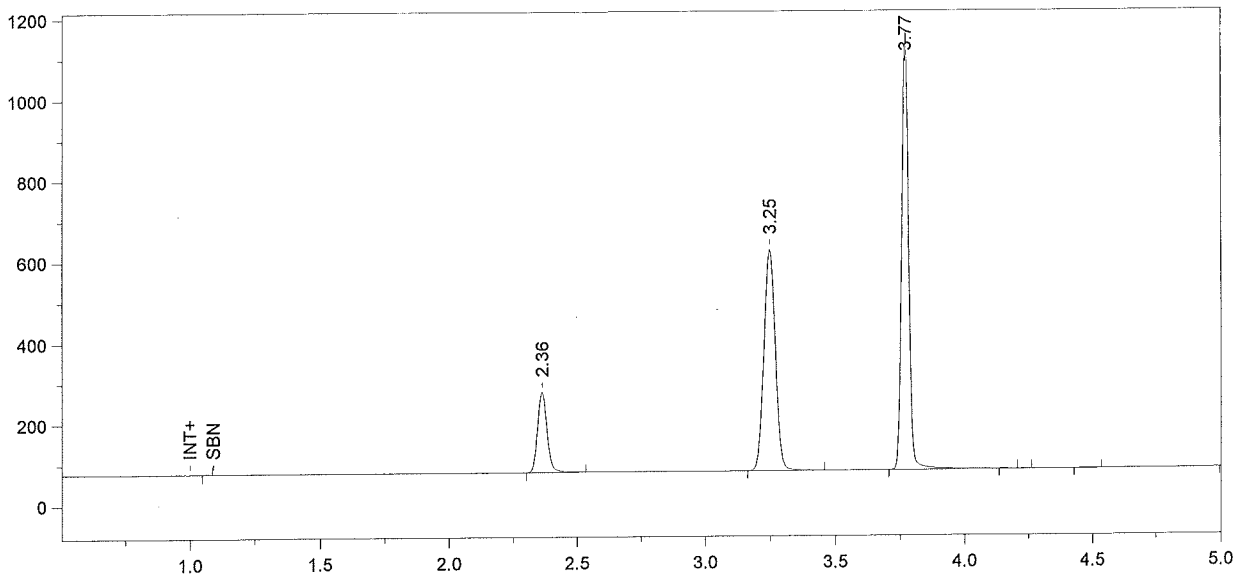
Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	--	0.000	0	0	Manual	4/11/2005 10:03:40 AM
2	0.039	214440.2	5498467	2.330	0.039	0.1013997	C:\Alcohol Data\alc071409\alc071409a.0003.BND	7/15/2009 11:09:49 AM
3	0.096	521264.7	5429841	2.917	0.096	0.2510314	C:\Alcohol Data\alc071409\alc071409a.0004.BND	7/15/2009 11:24:49 AM
4	0.163	879313.6	5394562	-0.683	0.163	0.4113171	C:\Alcohol Data\alc071409\alc071409a.0005.BND	7/15/2009 11:39:52 AM
5	0.417	2255158	5408053	-0.071	0.417	1.058759	C:\Alcohol Data\alc071409\alc071409a.0006.BND	7/15/2009 11:54:57 AM



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 1:05:23 PM
Bound File Name = alc071409a.0018.RAW
Sample Name = CCS 7/16
Date Taken = 7/16/2009 1:05:11 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

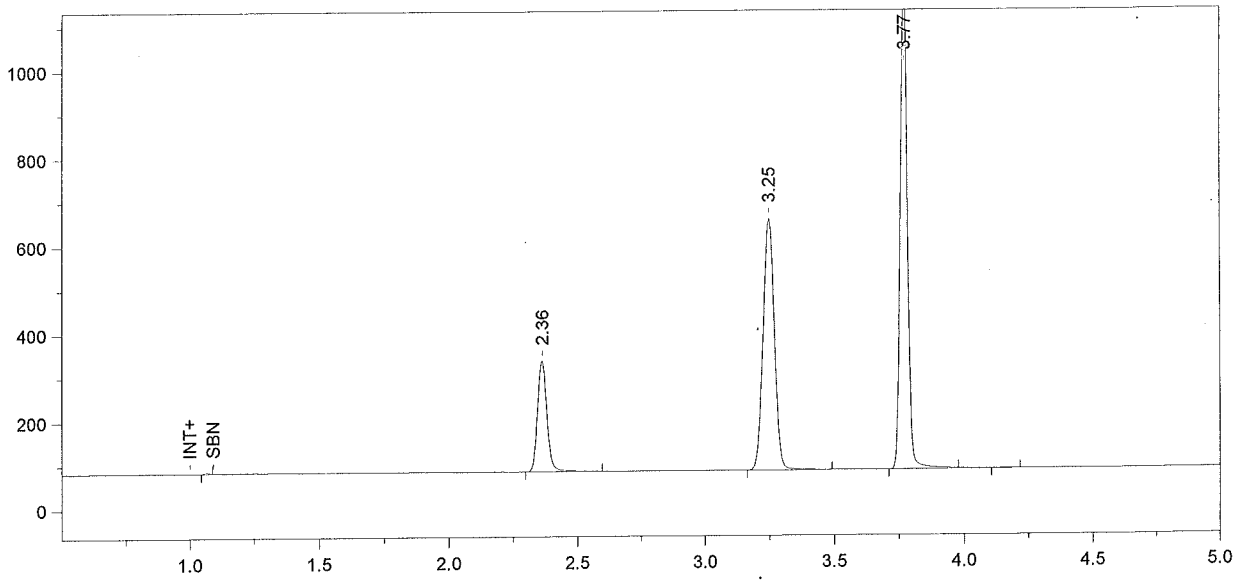
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.39	Ethanol	496056	0.0945
3	3.28	t-Butanol	1675428	1.0043
4	3.79	n-Propanol	2065079	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 1:19:52 PM
Bound File Name = alc071409a.0019.RAW
Sample Name = CCS
Date Taken = 7/16/2009 1:19:42 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

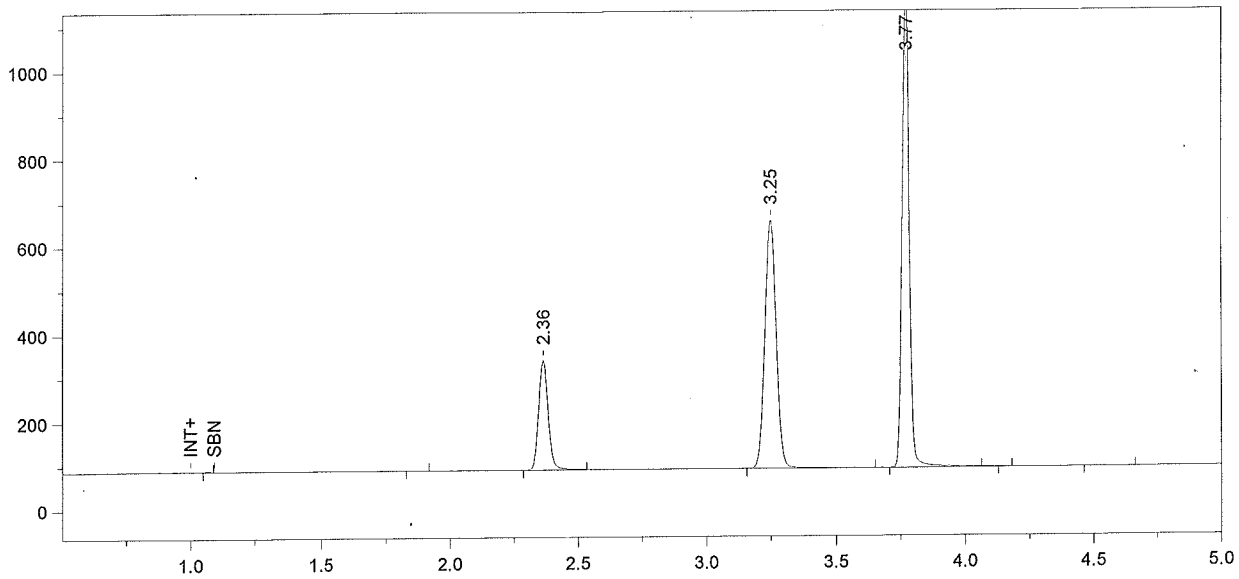
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.36	Ethanol	509621	0.0977
3	3.25	t-Butanol	1647300	0.9933
4	3.77	n-Propanol	2052869	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 1:34:48 PM
Bound File Name = alc071409a.0020.RAW
Sample Name = 0.1 alb
Date Taken = 7/16/2009 1:34:43 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

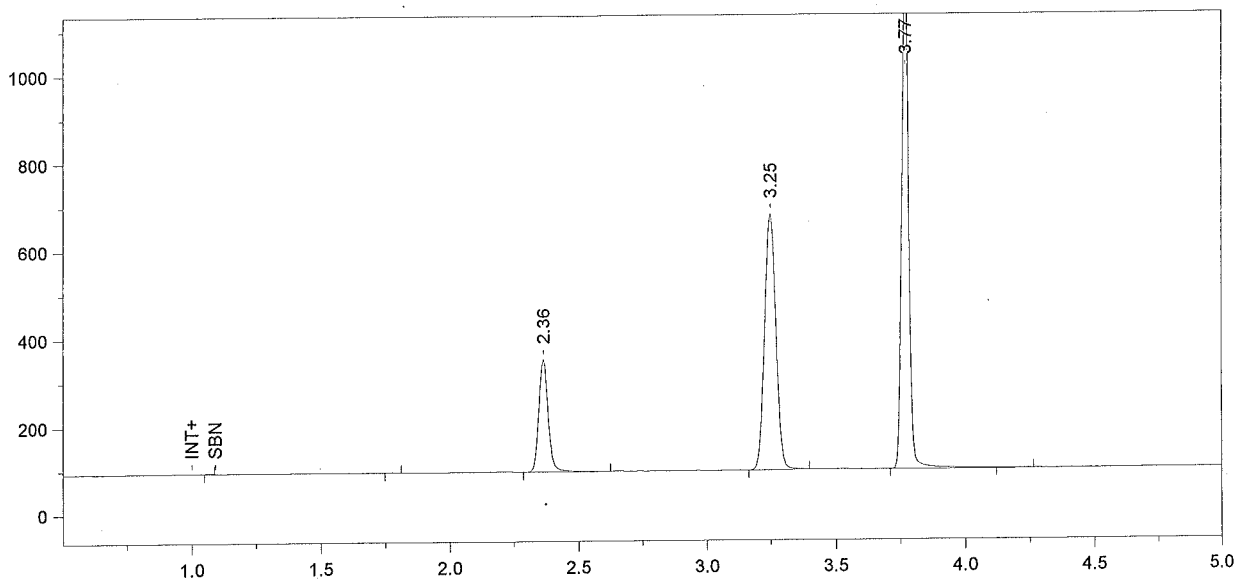
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.36	Ethanol	655065	0.1206	0.0985
3	3.25	t-Butanol	1737395	1.0064	0.8214
4	3.77	n-Propanol	2137041	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 1:49:45 PM
Bound File Name = alc071409a.0021.RAW
Sample Name = 0.1 alb
Date Taken = 7/16/2009 1:49:44 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

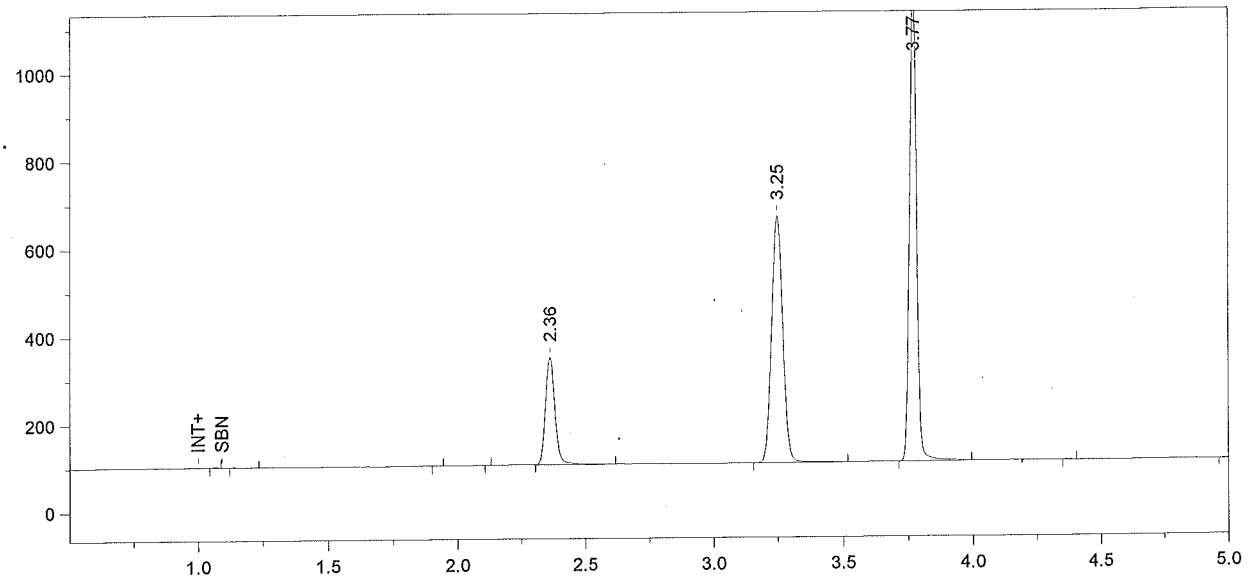
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
3	2.36	Ethanol	642435	0.1198	0.0978
4	3.25	t-Butanol	1712123	1.0039	0.8194
5	3.77	n-Propanol	2111148	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 2:04:49 PM
Bound File Name = alc071409a.0022.RAW
Sample Name = 0.1 alb
Date Taken = 7/16/2009 2:04:45 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

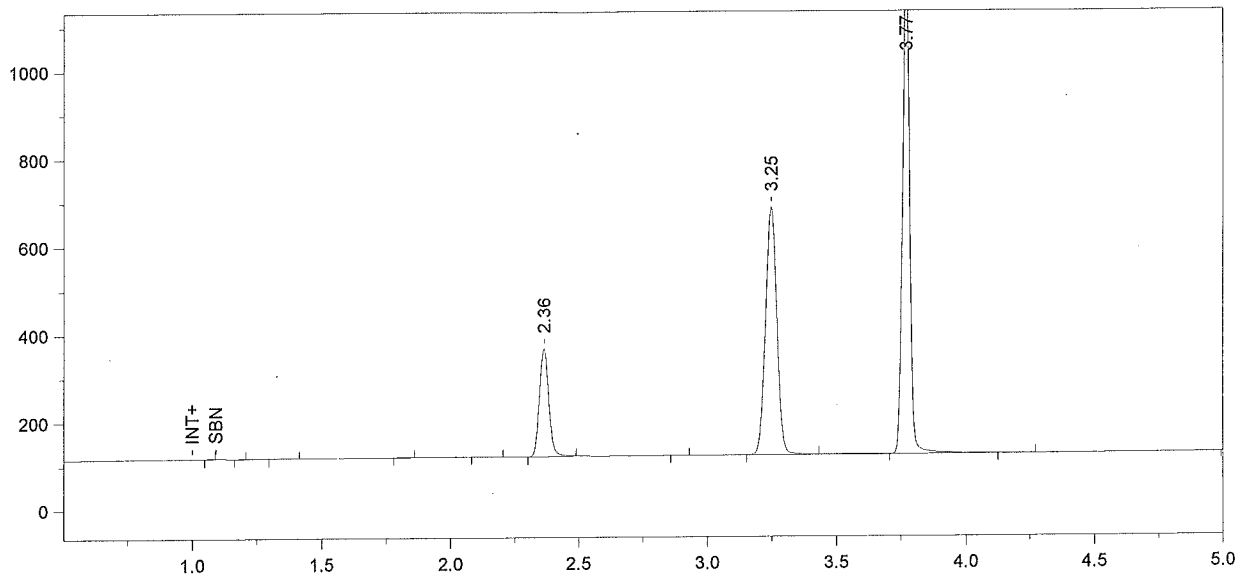
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
3	2.36	Ethanol	665211	0.1196	0.0976
4	3.25	t-Butanol	1753299	0.9914	0.8092
5	3.77	n-Propanol	2189194	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 2:19:54 PM
Bound File Name = alc071409a.0023.RAW
Sample Name = 0.1 alb
Date Taken = 7/16/2009 2:19:45 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

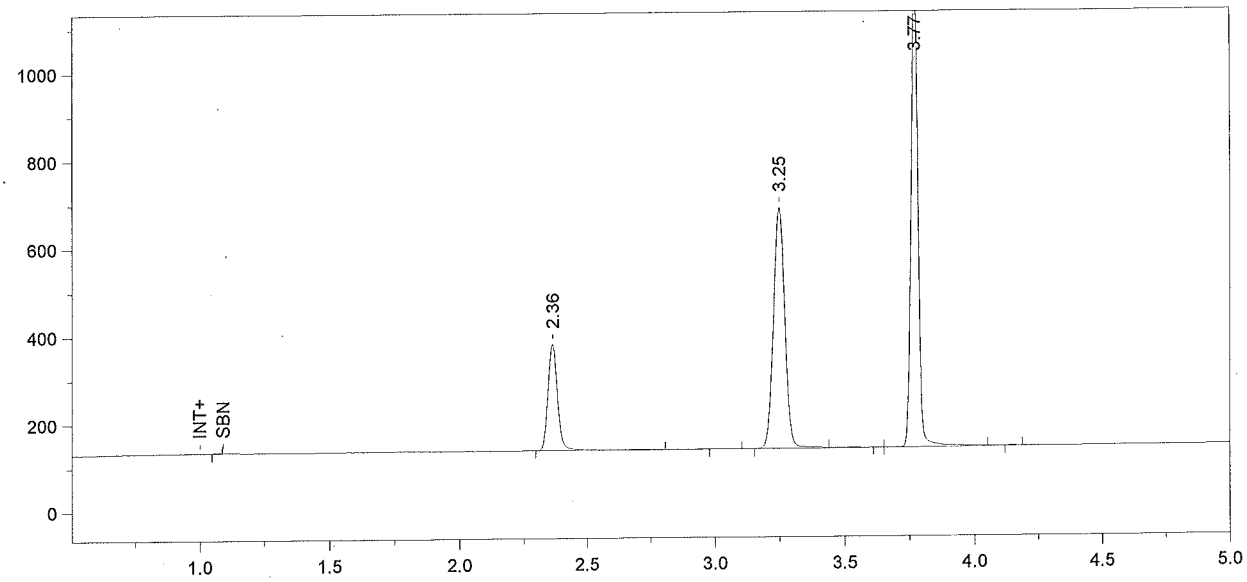
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
5	2.36	Ethanol	633889	0.1212	0.0989
6	3.25	t-Butanol	1690507	1.0166	0.8297
7	3.77	n-Propanol	2058512	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 2:34:59 PM
Bound File Name = alc071409a.0024.RAW
Sample Name = 0.1 alb
Date Taken = 7/16/2009 2:34:58 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

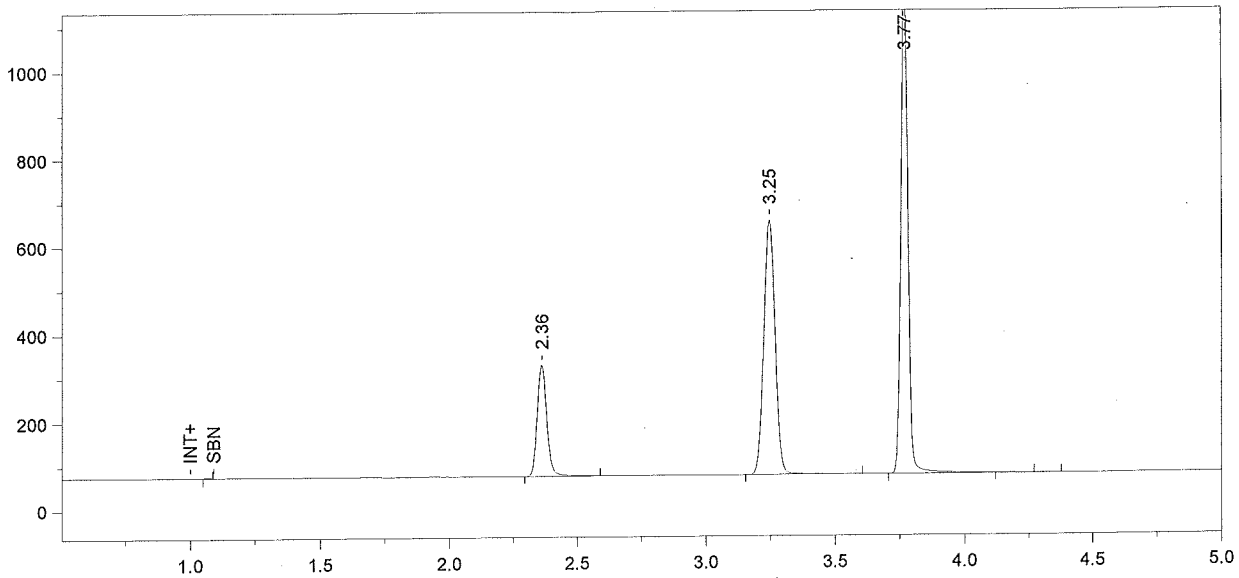
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
6	2.36	Ethanol	627378	0.1166	0.0952
8	3.25	t-Butanol	1698733	0.9928	0.8103
9	3.77	n-Propanol	2117987	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 2:50:00 PM
Bound File Name = alc071409a.0025.RAW
Sample Name = 0.1 alb
Date Taken = 7/16/2009 2:49:59 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

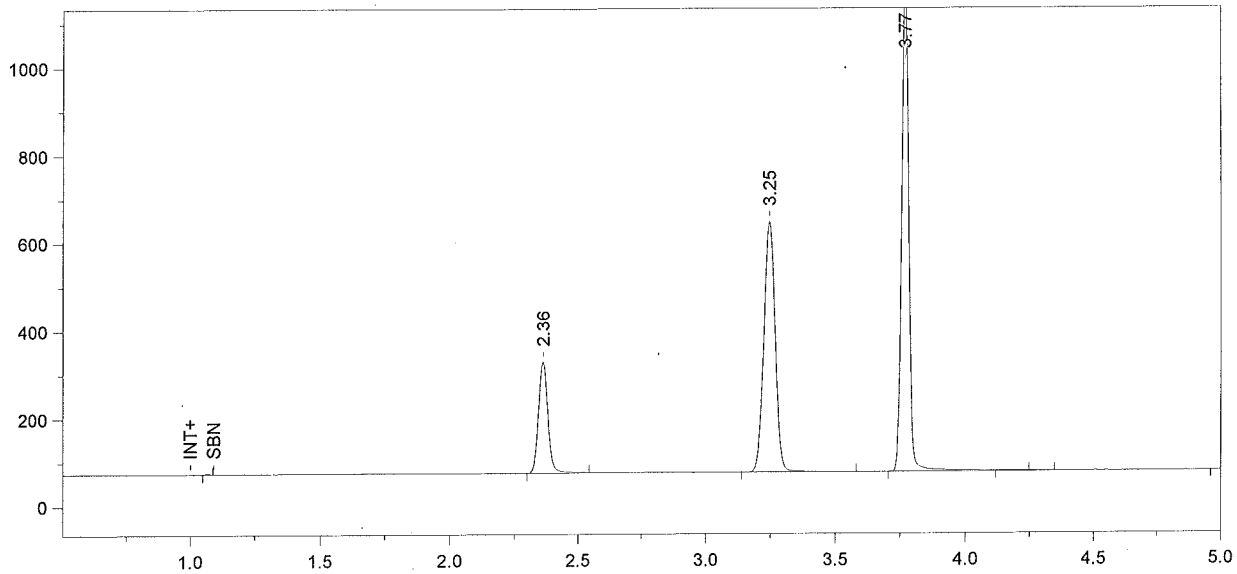
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.36	Ethanol	640363	0.1225	0.1000
4	3.25	t-Butanol	1664563	1.0016	0.8175
6	3.77	n-Propanol	2057109	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 3:04:52 PM
Bound File Name = alc071409a.0026.RAW
Sample Name = 0.1 alb
Date Taken = 7/16/2009 3:04:48 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

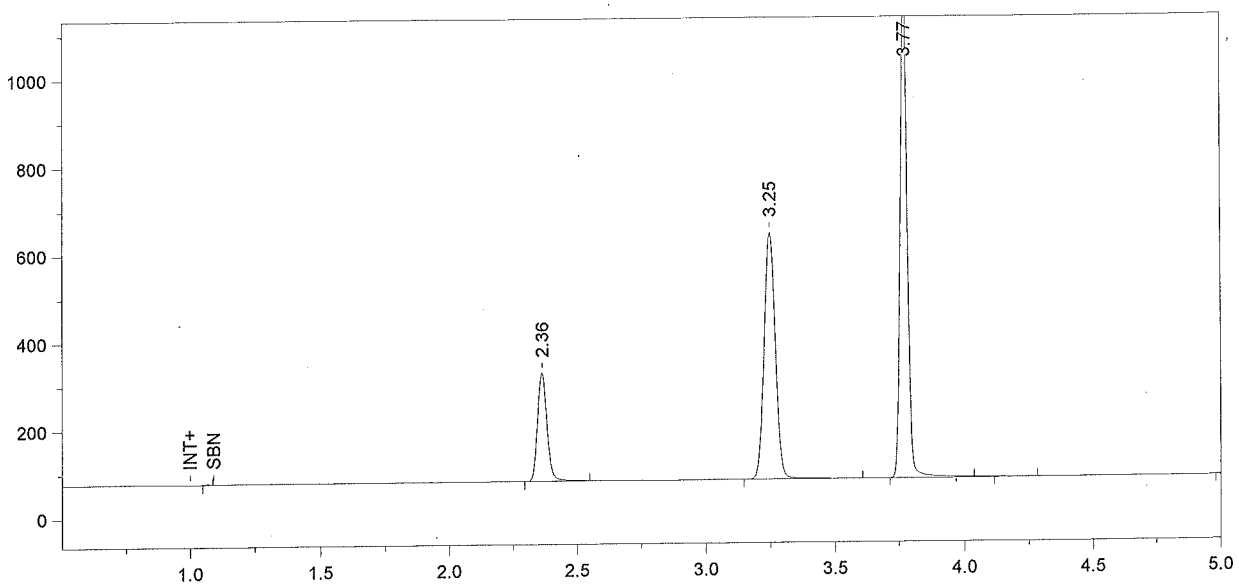
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.36	Ethanol	656184	0.1193	0.0973
3	3.25	t-Butanol	1755438	1.0035	0.8191
4	3.77	n-Propanol	2165355	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 3:19:58 PM
Bound File Name = alc071409a.0027.RAW
Sample Name = 0.1 dmr
Date Taken = 7/16/2009 3:19:49 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

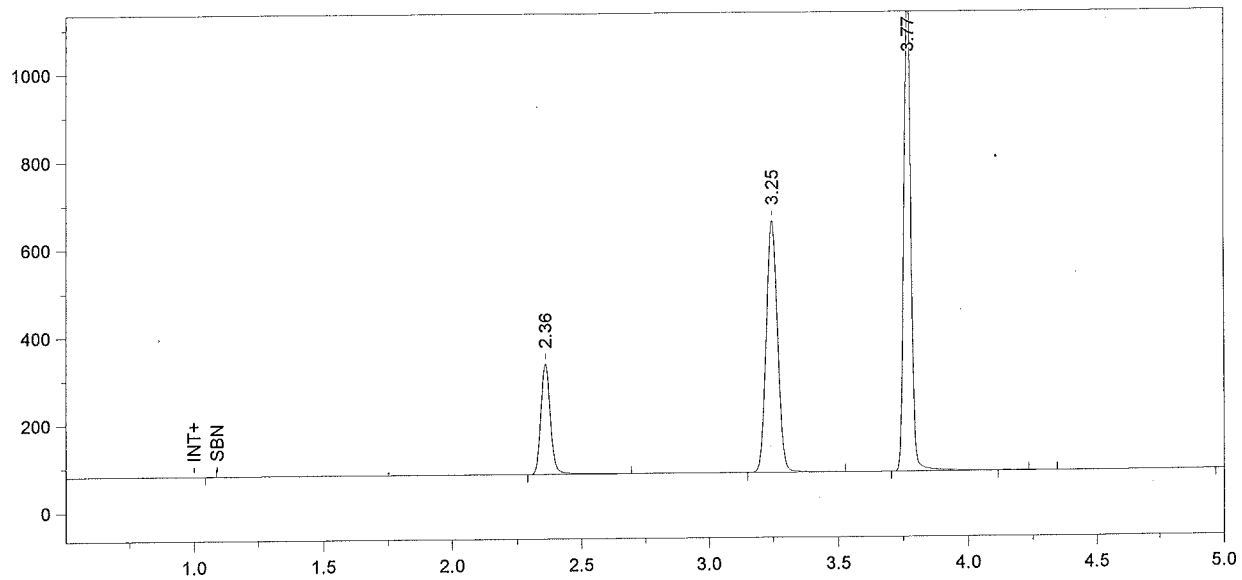
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.36	Ethanol	651419	0.1188	0.0969
3	3.25	t-Butanol	1734474	0.9946	0.8118
4	3.77	n-Propanol	2158710	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 3:34:53 PM
Bound File Name = alc071409a.0028.RAW
Sample Name = 0.1 dmr
Date Taken = 7/16/2009 3:34:49 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

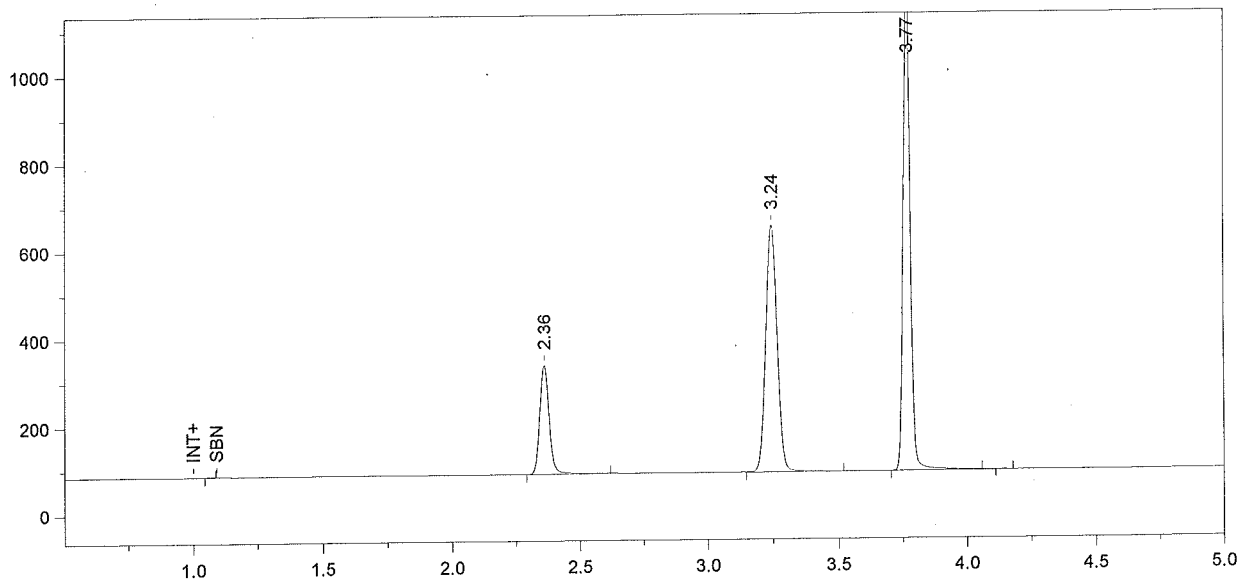
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.36	Ethanol	638078	0.1193	0.0974
3	3.25	t-Butanol	1711984	1.0068	0.8217
4	3.77	n-Propanol	2104920	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 3:49:58 PM
Bound File Name = alc071409a.0029.RAW
Sample Name = 0.1 dmr
Date Taken = 7/16/2009 3:49:51 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

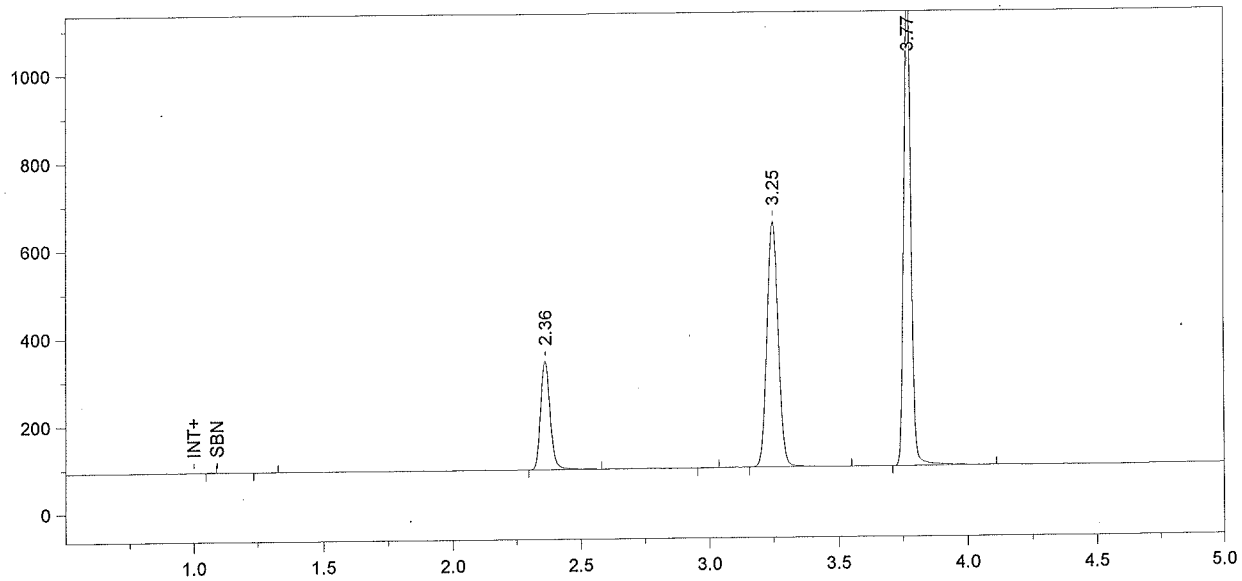
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.36	Ethanol	656894	0.1204	0.0983
3	3.25	t-Butanol	1736382	1.0011	0.8171
4	3.77	n-Propanol	2146973	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 4:04:57 PM
Bound File Name = alc071409a.0030.RAW
Sample Name = 0.1 dmr
Date Taken = 7/16/2009 4:04:53 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

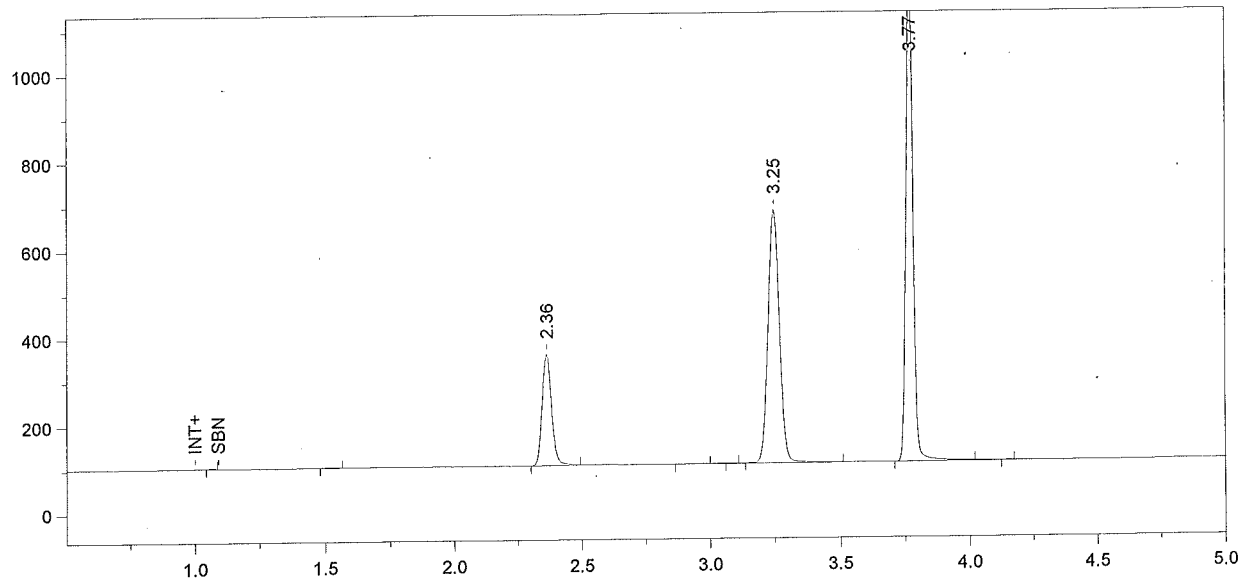
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.36	Ethanol	643292	0.1204	0.0983
3	3.24	t-Butanol	1704580	1.0034	0.8190
4	3.77	n-Propanol	2102903	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 4:20:04 PM
Bound File Name = alc071409a.0031.RAW
Sample Name = 0.1 dmr
Date Taken = 7/16/2009 4:19:55 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

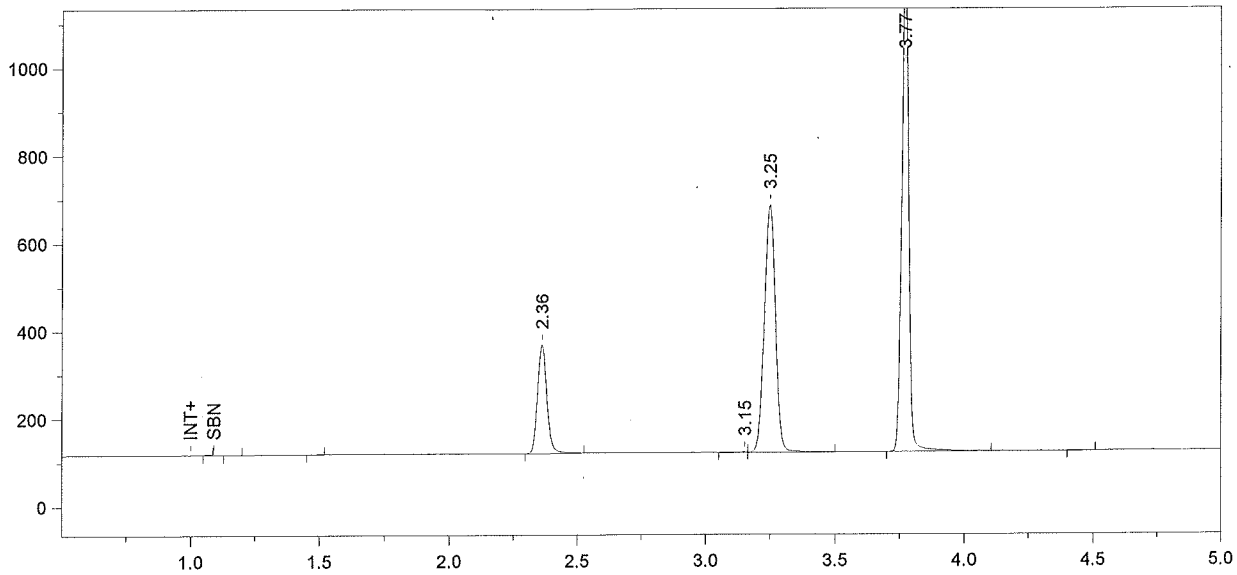
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
3	2.36	Ethanol	638927	0.1204	0.0983
5	3.25	t-Butanol	1693856	1.0037	0.8192
6	3.77	n-Propanol	2088980	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 4:35:04 PM
Bound File Name = alc071409a.0032.RAW
Sample Name = 0.1 dmr
Date Taken = 7/16/2009 4:34:56 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
3	2.36	Ethanol	647001	0.1187	0.0969
6	3.25	t-Butanol	1743541	1.0057	0.8209
7	3.77	n-Propanol	2145927	1.0000	0.8162

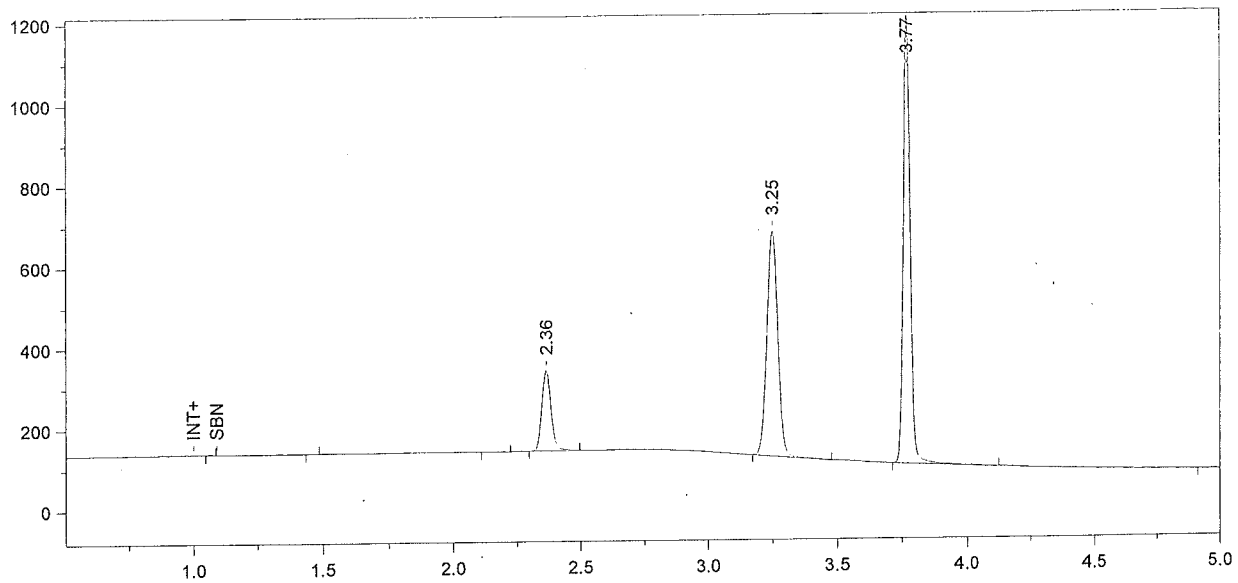


Format File Name = simsoln-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 4:50:03 PM
Bound File Name = alc071409a.0033.RAW
Sample Name = 0.1 dmr
Date Taken = 7/16/2009 4:49:56 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.36	Ethanol	634874	0.1188	0.0969
6	3.25	t-Butanol	1698939	0.9996	0.8159
7	3.77	n-Propanol	2103869	1.0000	0.8162

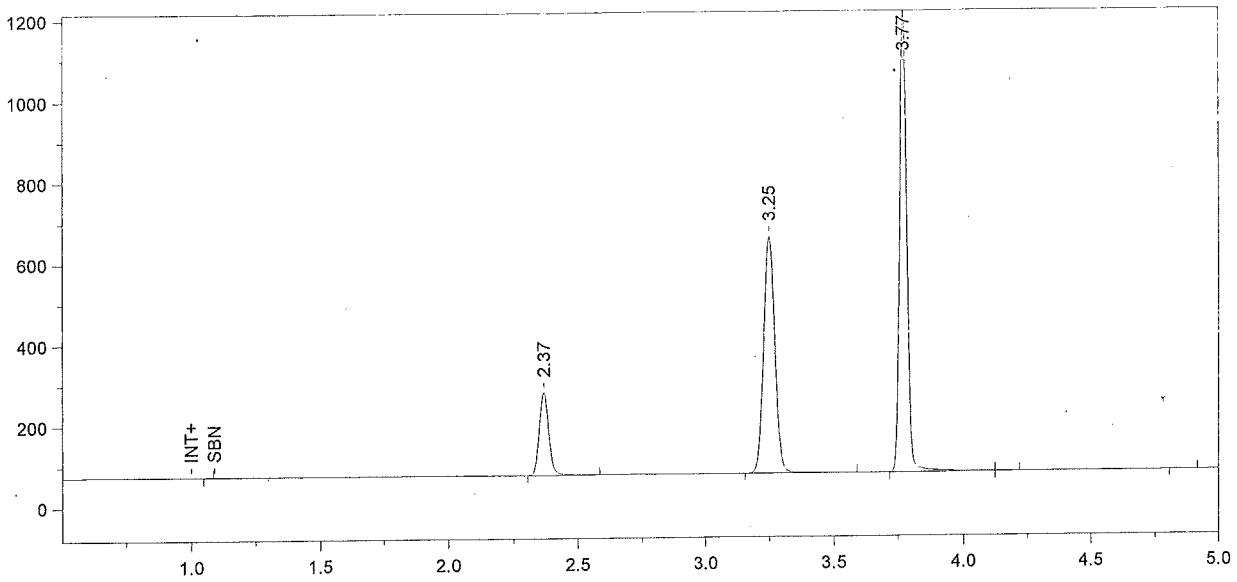
Chrom Perfect Chromatogram Report



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 5:05:01 PM
Bound File Name = alc071409a.0034.RAW
Sample Name = CCS
Date Taken = 7/16/2009 5:04:57 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.36	Ethanol	504839	0.0939
5	3.25	t-Butanol	1662520	0.9722
6	3.77	n-Propanol	2116774	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 7/16/2009
Today's Time = 5:20:07 PM
Bound File Name = alc071409a.0035.RAW
Sample Name = CCS
Date Taken = 7/16/2009 5:19:57 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 47

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.37	Ethanol	525585	0.0945
3	3.25	t-Butanol	1767396	0.9990
4	3.77	n-Propanol	2189975	1.0000