Vermont Department of Health Laboratory
Toxicology Program

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Certificate of Analysis of DataMaster Certification Solution

On 2/20/2009, an ethanol solution was prepared by Amanda Bolduc for use as a DataMaster Certification solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-27-040 and an expiration date of 2/20/2010.

On 3/13/2009 and 3/19/2009, 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 0.040 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification solution.

Dated at Burlington, Vermont on Friday, March 20, 2009.

Darcy Richardson

Lot # 09-27-040

Prepared by ALB
Prepared on 2/20/2009

Analyzed on 3/13/09 & 3/19/09
analyzed by DMR and ALB

0.0399	0.0419		**Target**	**0.040**
0.0393	0.0410			
0.0398	0.0410			
0.0392	0.0411			
0.0395	0.0412			
0.0396	0.0411			
0.0391	0.0410			
0.0393	0.0404			
0.0392	0.0411			
0.0393	0.0412			
0.0394	0.0410			
0.0396	0.0410			
0.0391	0.0409			
0.0393	0.0409			
0.0394	**0.0411**	mean		
0.0002481	0.000311	std dev		

Reviewed - OK
3/23/09

File Name: C:\Methods\BloodAlcohol4.cal
Version: 35

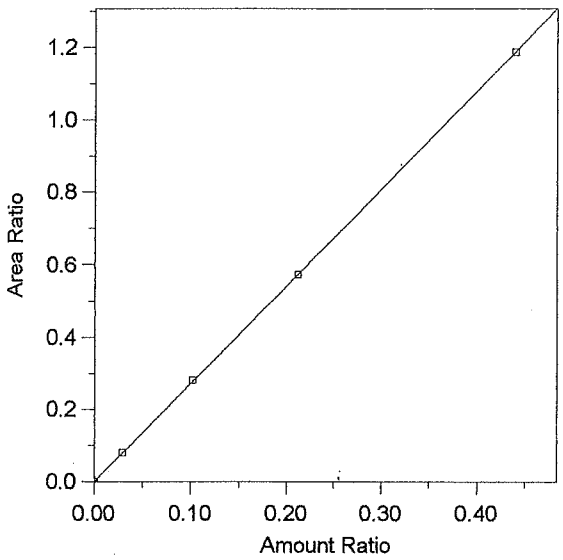
Creator:
Description:
Reason for change:

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: 2.33 minutes
Search window: 0.08 minutes
Internal standard component: 7 (n-Propanol)
No retention time reference component
Group number: 0

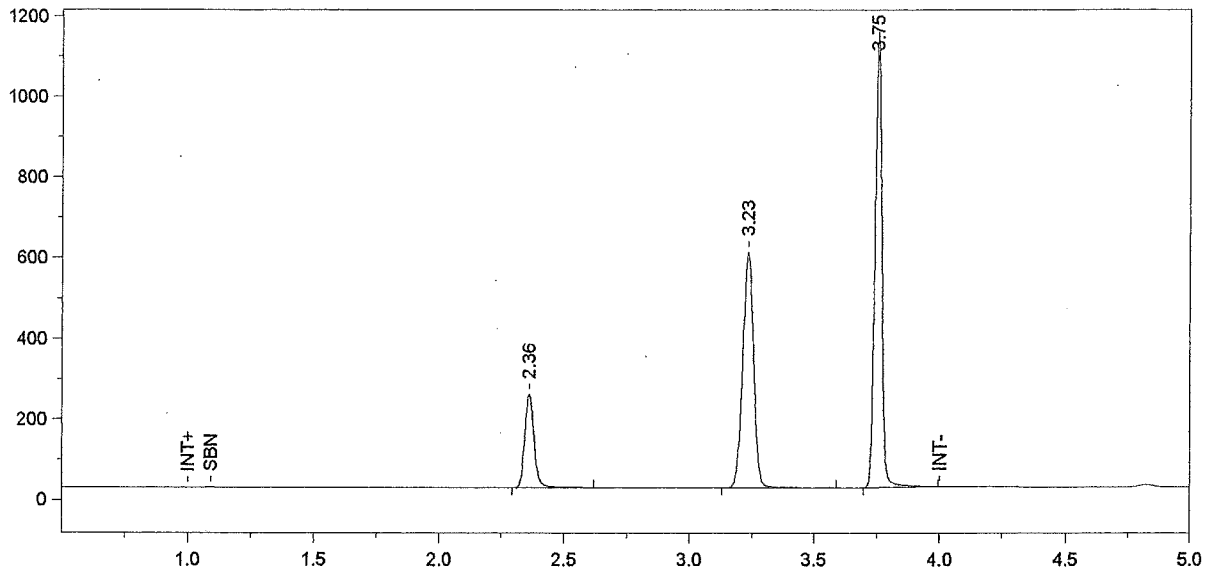
High alarm limit: 0
Low alarm limit: 0
Component constant: 0

Single peak quantification by area

Y = 2.702613 X + 0

Linear fit with equal weighting, forced to origin
Coefficient of determination: 0.9999669
Average error: 0.792%
Average CF: 2.181713
RSD: 55.915%

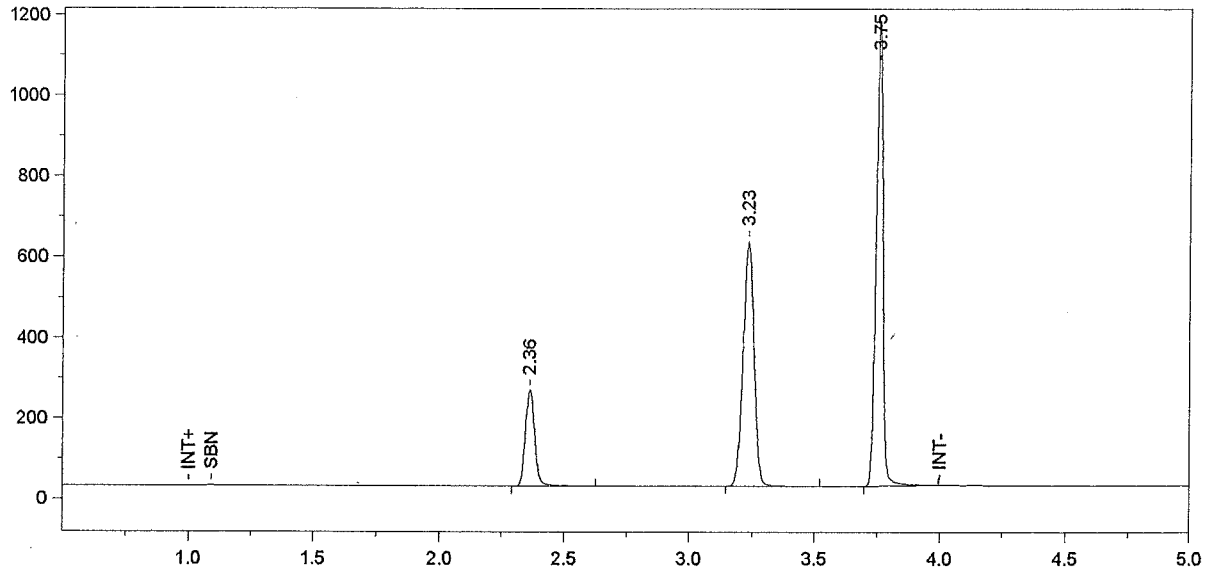
Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	--	0.000	0	0	Manual	4/11/2005 10:03:40 AM
2	0.0296	185349.6	6261811	1.920	0.0296	0.0815332	C:\Alcohol Data\Alc031109\Alc031109.0003.BND	3/11/2009 2:17:38 PM
3	0.1022	651314.1	6372937	1.875	0.1022	0.2813868	C:\Alcohol Data\Alc031109\Alc031109.0004.BND	3/11/2009 2:17:46 PM
4	0.212	1290132	6085529	-0.072	0.212	0.5725424	C:\Alcohol Data\Alc031109\Alc031109.0005.BND	3/11/2009 2:17:55 PM
5	0.4402	2627686	5969301	-0.093	0.4402	1.188582	C:\Alcohol Data\Alc031109\Alc031109.0006.BND	3/11/2009 2:20:18 PM



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 9:01:45 AM
Bound File Name = Sim031209.0017.RAW
Sample Name = CCS
Date Taken = 3/13/2009 9:01:41 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
1	2.36	Ethanol	610565	0.1045
2	3.23	t-Butanol	1782332	0.9876
3	3.75	n-Propanol	2160993	1.0000



Format File Name = Alcohol4-JFH.met.FMT

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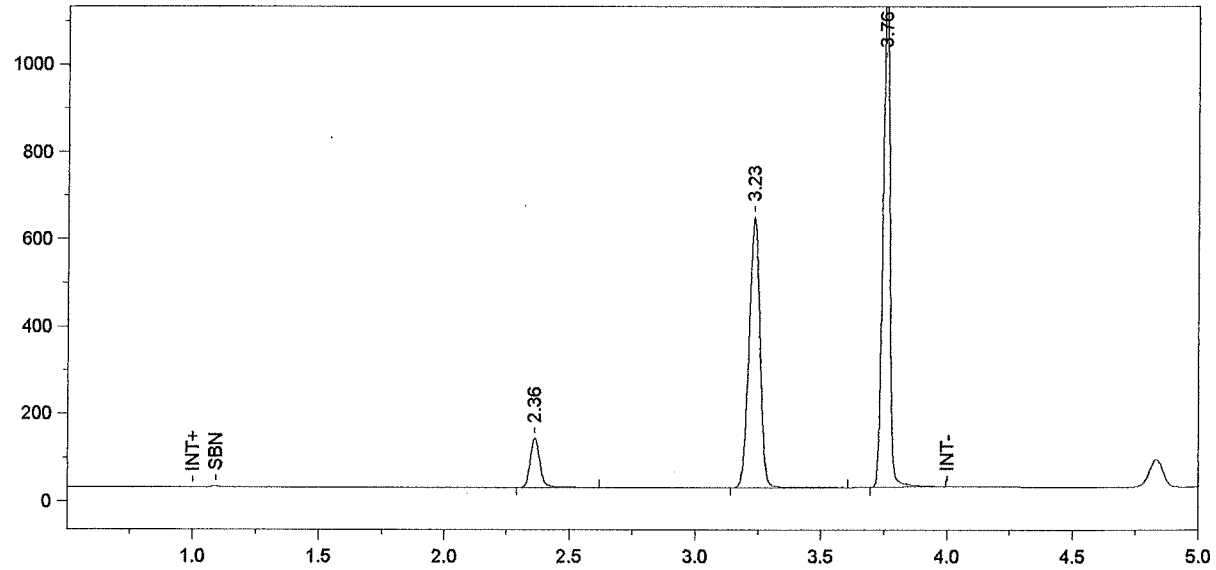
Today's Time = 9:16:48 AM
Bound File Name = Sim031209.0018.RAW
Sample Name = CCS
Date Taken = 3/13/2009 9:16:43 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

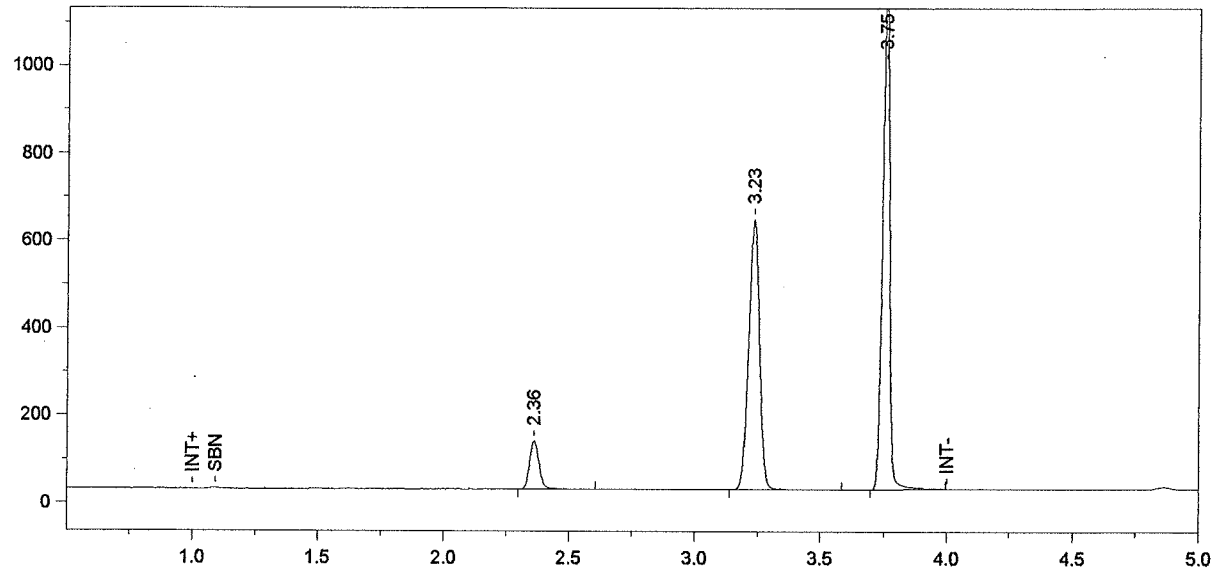
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
1	2.36	Ethanol	627849	0.1044
2	3.23	t-Butanol	1846666	0.9934
3	3.75	n-Propanol	2226097	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 9:31:45 AM
Bound File Name = Sim031209.0019.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/13/2009 9:31:42 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

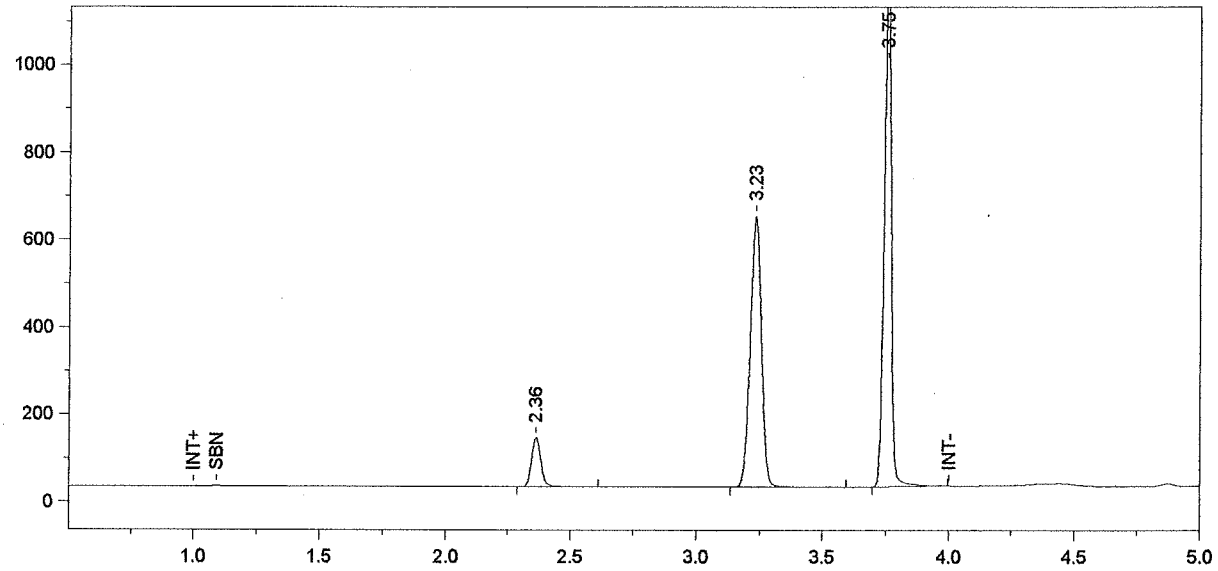
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	298418	0.0489	0.0399
2	3.23	t-Butanol	1880899	0.9973	0.8140
3	3.76	n-Propanol	2258506	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 9:46:58 AM
Bound File Name = Sim031209.0020.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/13/2009 9:46:56 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

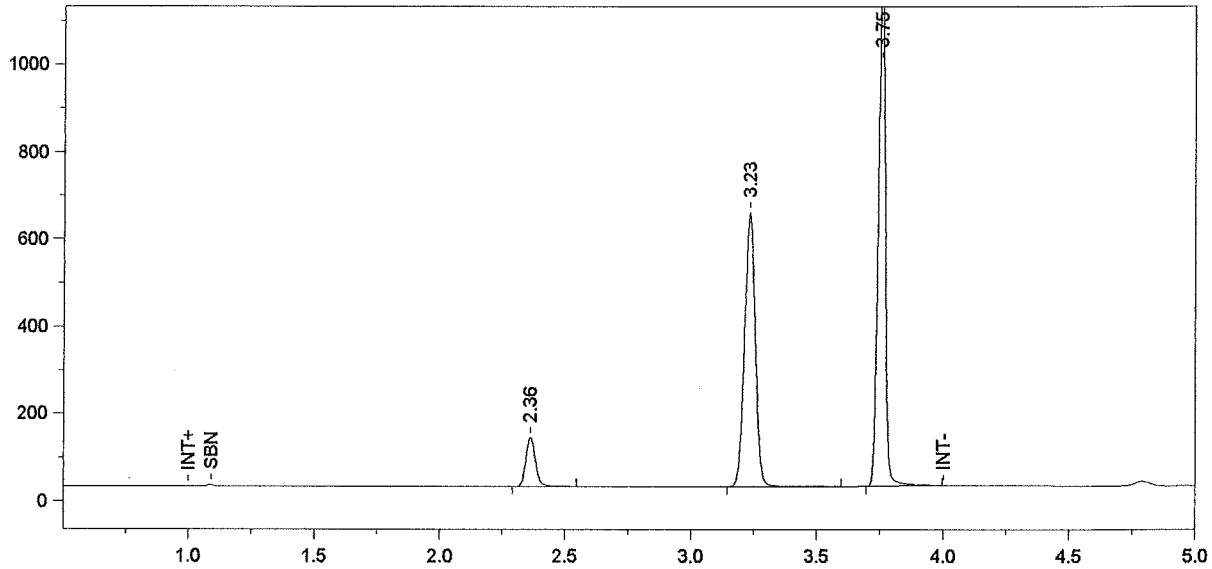
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	293025	0.0482	0.0393
2	3.23	t-Butanol	1882609	1.0022	0.8180
3	3.75	n-Propanol	2249507	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 10:01:55 AM
Bound File Name = Sim031209.0021.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/13/2009 10:01:51 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

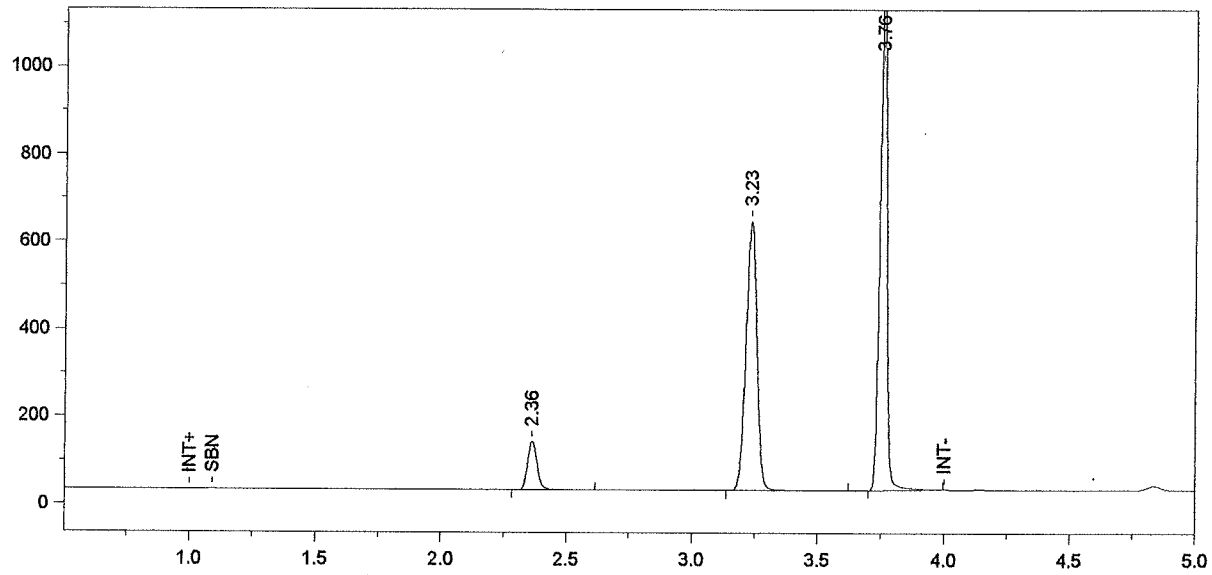
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	297160	0.0487	0.0398
2	3.23	t-Butanol	1880588	0.9982	0.8148
3	3.75	n-Propanol	2255945	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 10:16:50 AM
Bound File Name = Sim031209.0022.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/13/2009 10:16:46 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

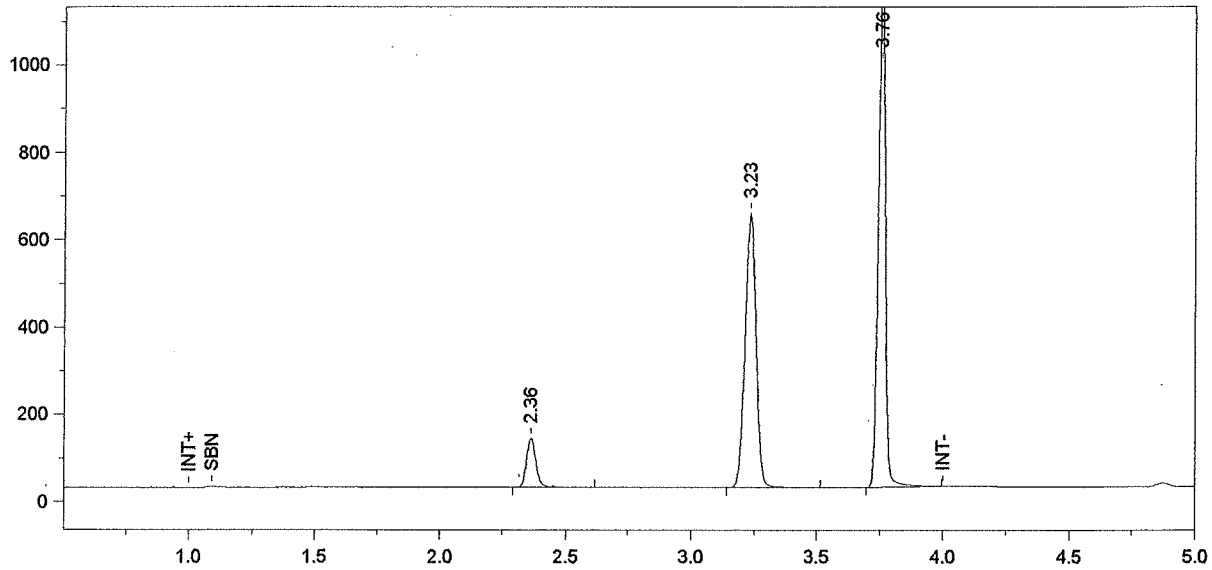
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	295015	0.0481	0.0392
2	3.23	t-Butanol	1900207	1.0021	0.8179
3	3.75	n-Propanol	2270593	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 10:31:51 AM
Bound File Name = Sim031209.0023.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/13/2009 10:31:47 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

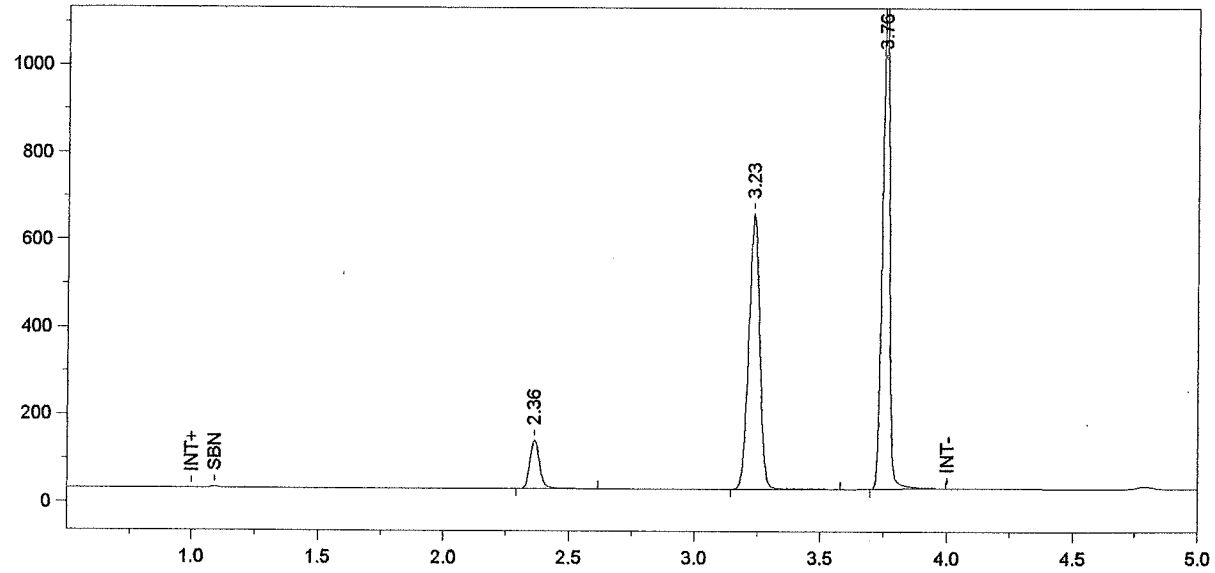
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	296263	0.0484	0.0395
2	3.23	t-Butanol	1880128	0.9936	0.8110
3	3.76	n-Propanol	2265849	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 10:46:51 AM
Bound File Name = Sim031209.0024.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/13/2009 10:46:49 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

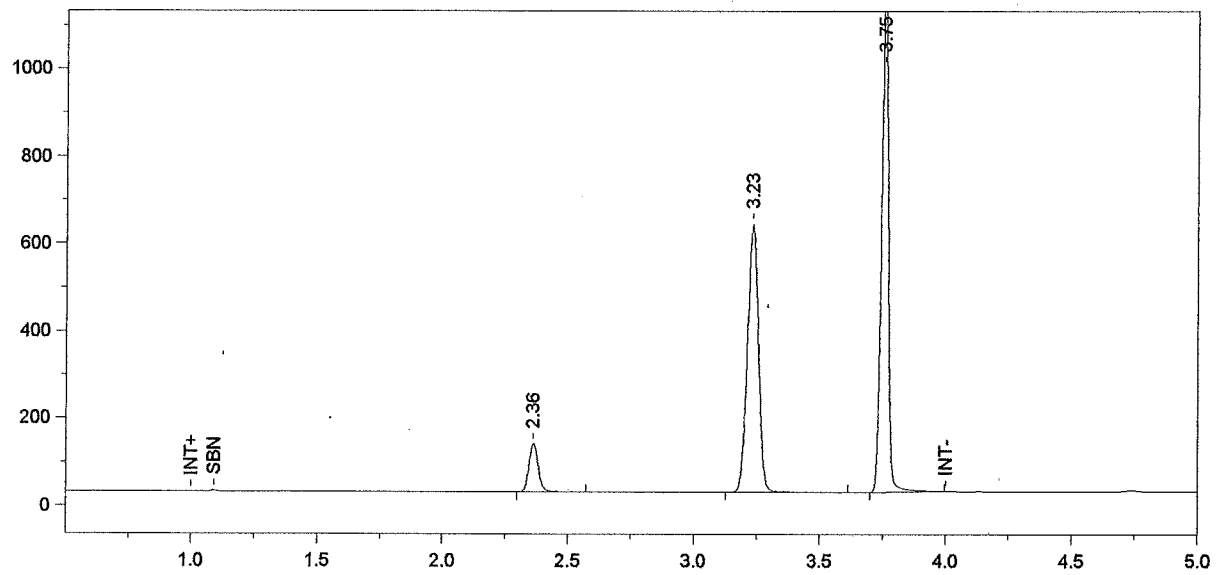
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	297565	0.0485	0.0396
2	3.23	t-Butanol	1899132	1.0025	0.8183
3	3.76	n-Propanol	2268396	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 11:01:54 AM
Bound File Name = Sim031209.0025.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/13/2009 11:01:50 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

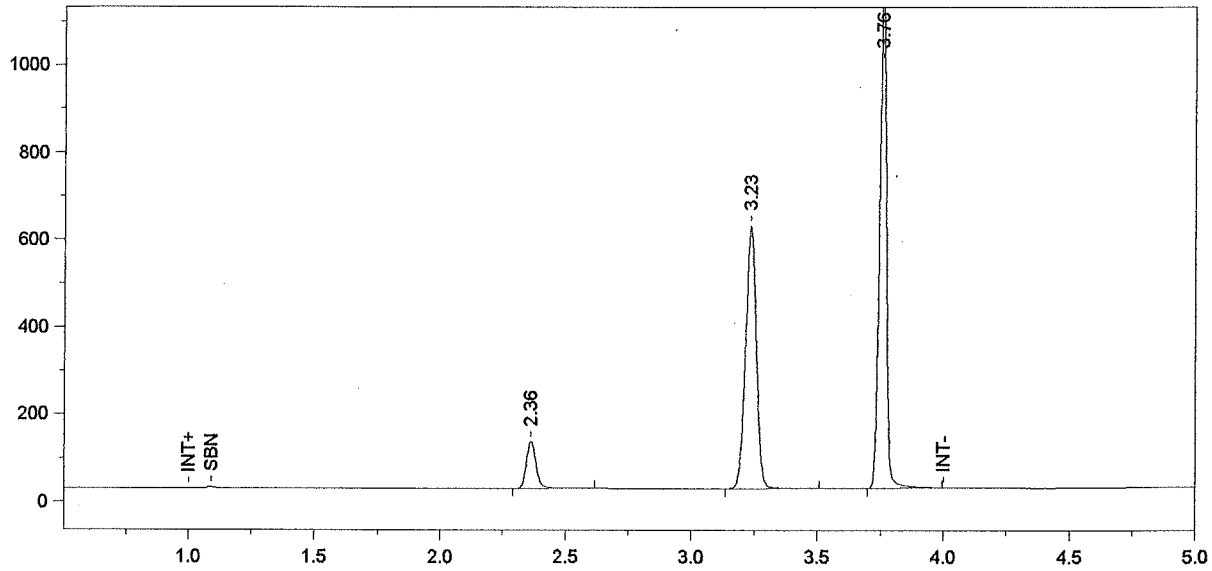
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	293697	0.0479	0.0391
2	3.23	t-Butanol	1903404	1.0052	0.8204
3	3.76	n-Propanol	2267552	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 11:16:59 AM
Bound File Name = Sim031209.0026.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/13/2009 11:16:54 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

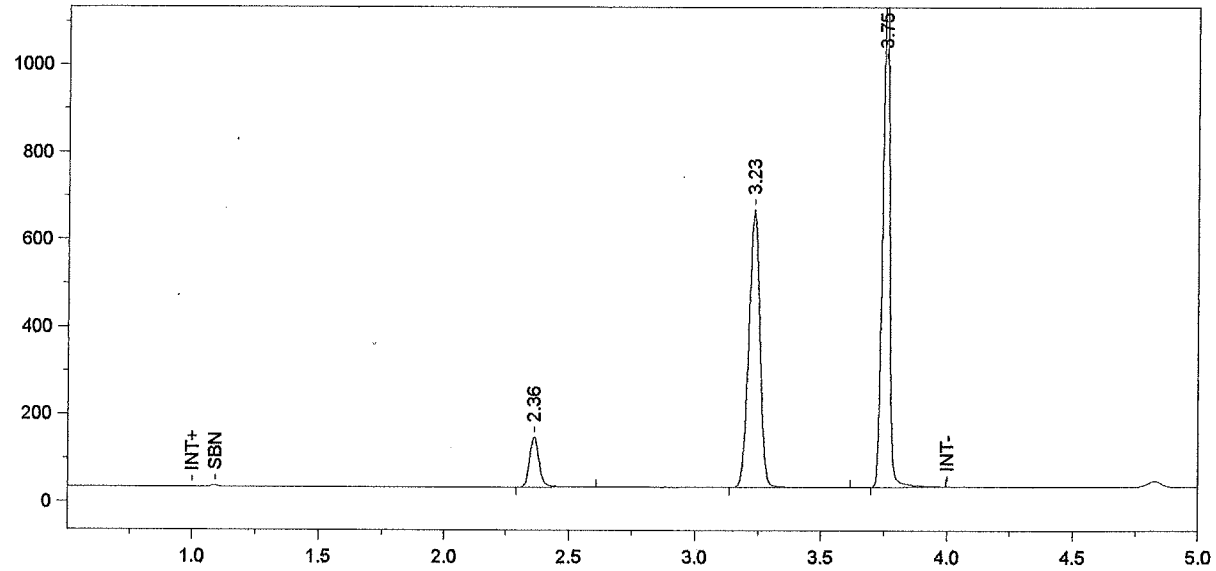
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	291614	0.0482	0.0393
2	3.23	t-Butanol	1863245	0.9958	0.8128
3	3.75	n-Propanol	2240497	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 11:32:00 AM
Bound File Name = Sim031209.0027.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/13/2009 11:31:55 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

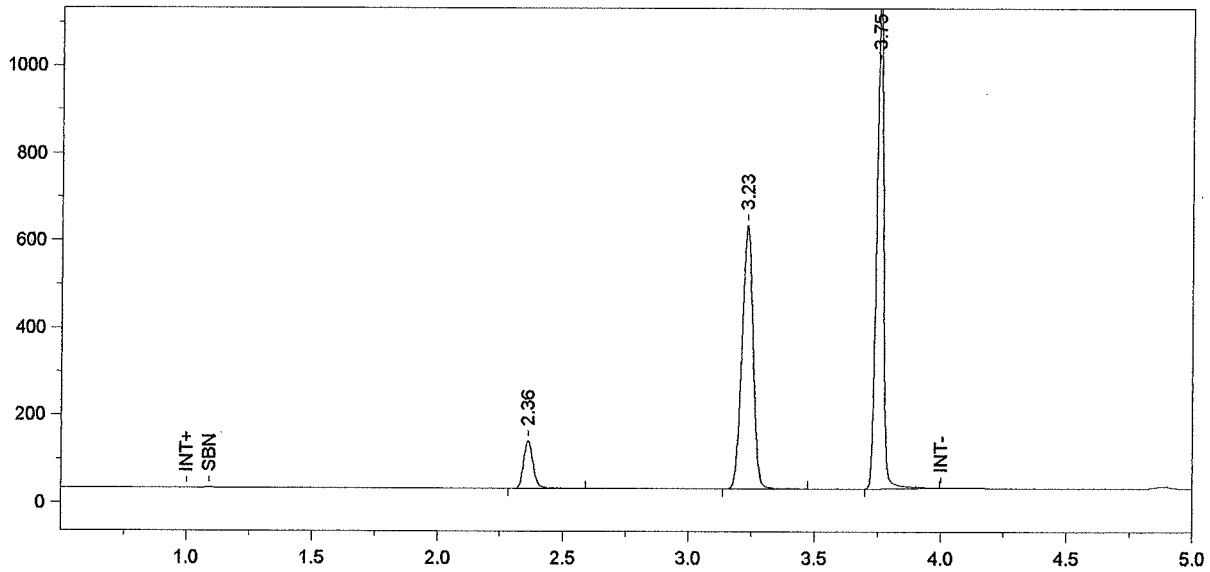
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	284688	0.0481	0.0392
2	3.23	t-Butanol	1820035	0.9947	0.8119
3	3.76	n-Propanol	2190959	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 11:47:03 AM
Bound File Name = Sim031209.0028.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/13/2009 11:46:57 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

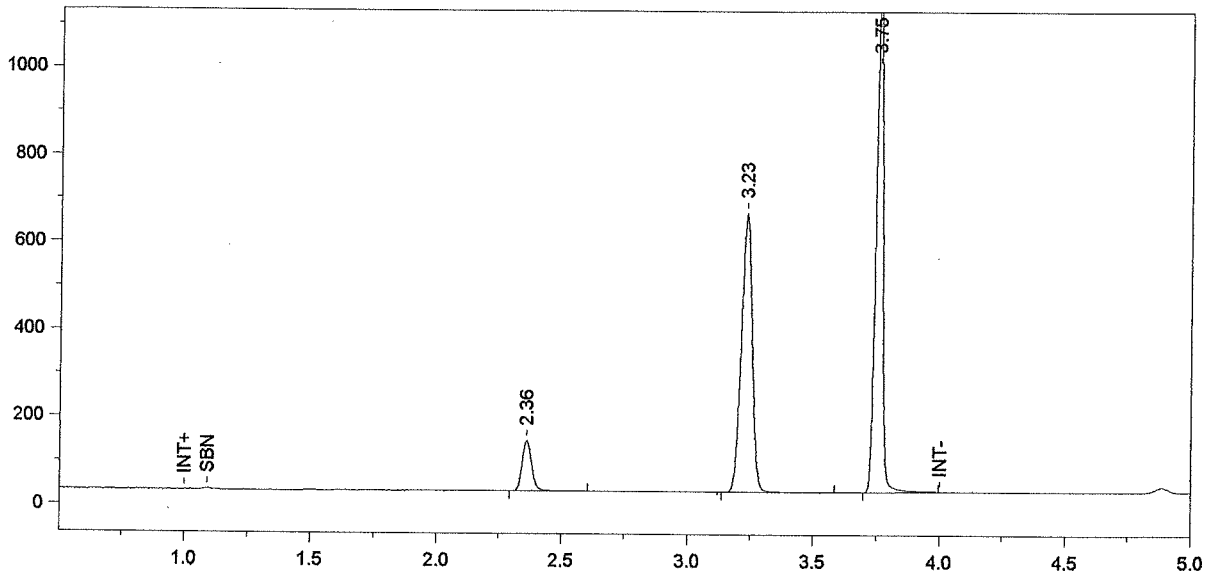
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	300706	0.0482	0.0393
2	3.23	t-Butanol	1935352	1.0039	0.8194
3	3.75	n-Propanol	2308509	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 12:02:02 PM
Bound File Name = Sim031209.0029.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/13/2009 12:01:58 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

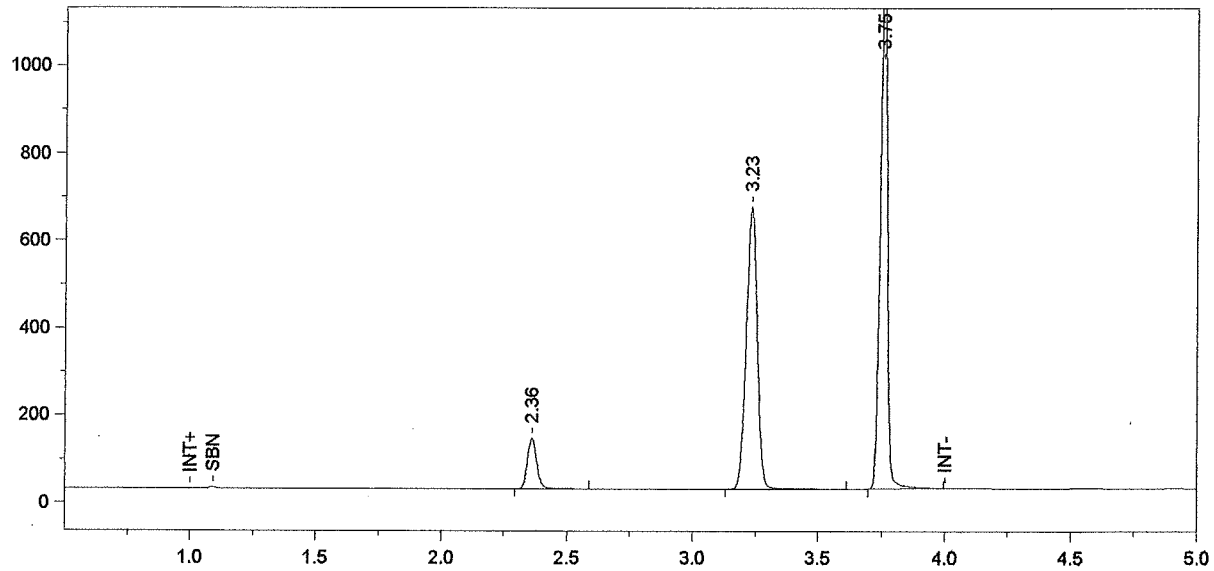
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	285714	0.0482	0.0394
2	3.23	t-Butanol	1829824	0.9994	0.8157
3	3.75	n-Propanol	2192451	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 12:17:05 PM
Bound File Name = Sim031209.0030.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/13/2009 12:16:59 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

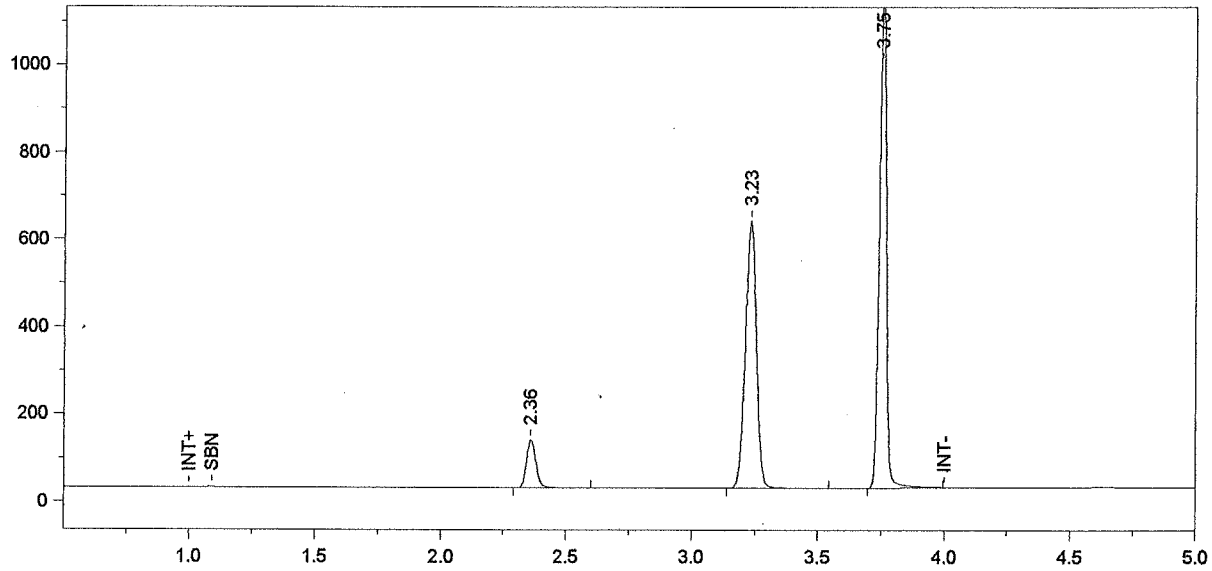
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	305044	0.0485	0.0396
2	3.23	t-Butanol	1933487	0.9942	0.8115
3	3.75	n-Propanol	2328776	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 12:32:01 PM
Bound File Name = Sim031209.0031.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/13/2009 12:31:58 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

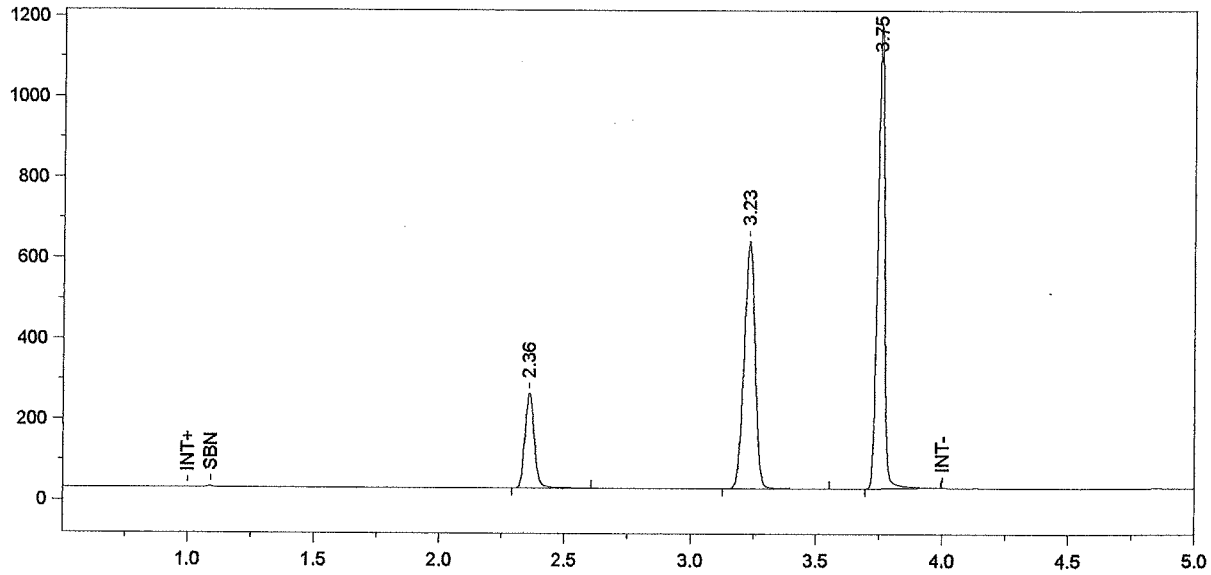
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	305196	0.0479	0.0391
2	3.23	t-Butanol	1967142	0.9991	0.8155
3	3.75	n-Propanol	2357690	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 12:47:18 PM
Bound File Name = Sim031209.0032.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/13/2009 12:47:12 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

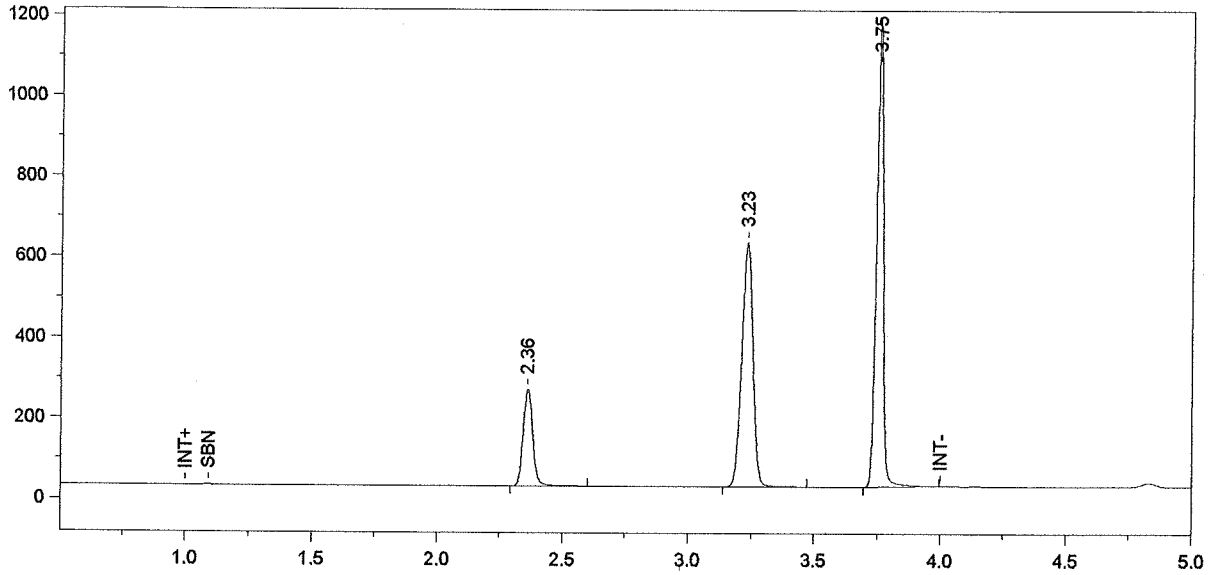
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.36	Ethanol	290831	0.0481	0.0393
2	3.23	t-Butanol	1863304	0.9980	0.8146
3	3.75	n-Propanol	2235708	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 1:02:09 PM
Bound File Name = Sim031209.0033.RAW
Sample Name = CCS
Date Taken = 3/13/2009 1:02:07 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
1	2.36	Ethanol	617638	0.1027
2	3.23	t-Butanol	1863556	1.0024
3	3.75	n-Propanol	2226166	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 3/13/2009
Today's Time = 1:17:10 PM
Bound File Name = Sim031209.0034.RAW
Sample Name = CCS
Date Taken = 3/13/2009 1:17:04 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 35

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
1	2.36	Ethanol	628532	0.1046
2	3.23	t-Butanol	1841898	0.9918
3	3.75	n-Propanol	2223913	1.0000

File Name: C:\Methods\BloodAlcohol4.cal
Version: 44

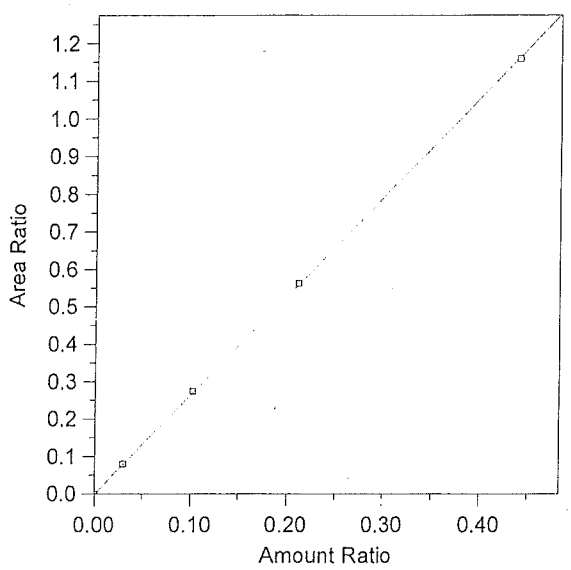
Creator:
Description:
Reason for change:

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:	2.374 minutes
Search window:	0.08 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

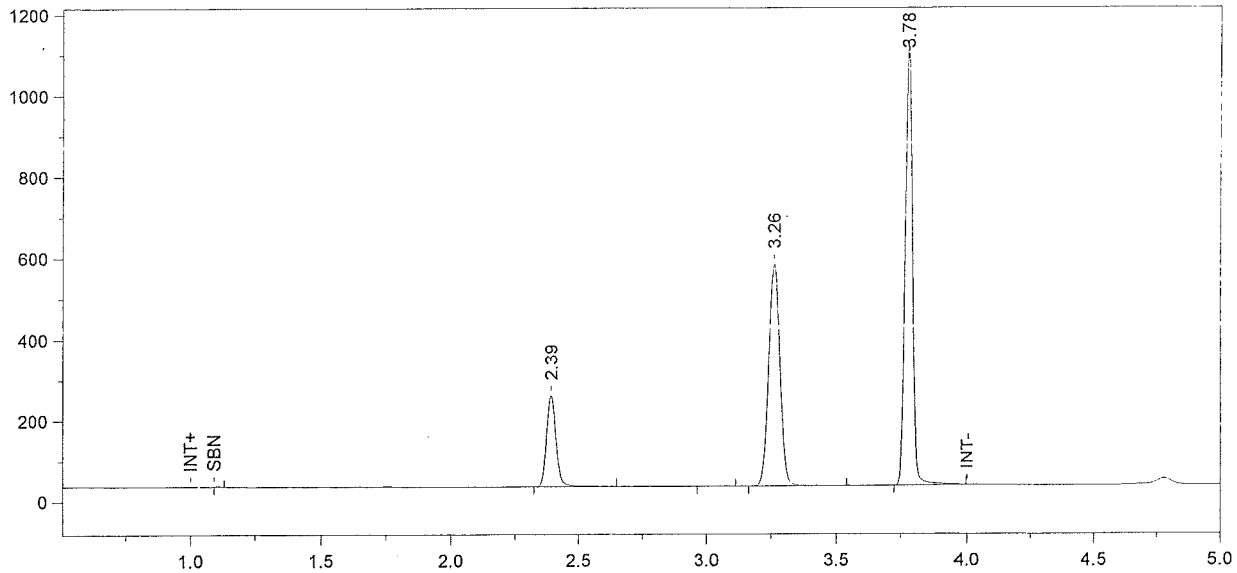
Single peak quantification by area

Y = 2.638758 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9999501
Average error:	1.057%
Average CF:	2.136426
RSD:	55.919%

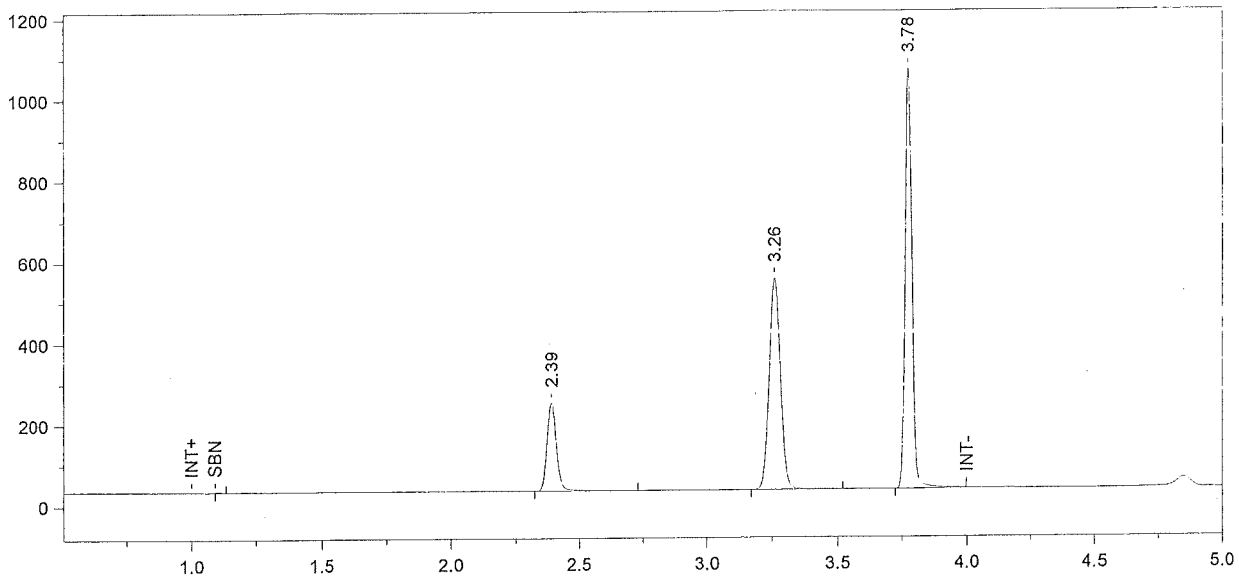
Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	--	0.000	0	0	Manual	4/11/2005 10:03:40 AM
2	0.0296	176159.3	5951328	2.742	0.0296	8.024881E-02	C:\Alcohol Data\Sim031809\Sim031809.0003.BND	3/18/2009 5:13:41 PM
3	0.1022	612196.9	5990185	1.763	0.1022	0.2744346	C:\Alcohol Data\Sim031809\Sim031809.0004.BND	3/18/2009 5:28:46 PM
4	0.212	1279472	6035246	0.546	0.212	0.562473	C:\Alcohol Data\Sim031809\Sim031809.0005.BND	3/18/2009 5:43:47 PM
5	0.4402	2716463	6170975	-0.234	0.4402	1.158862	C:\Alcohol Data\Sim031809\Sim031809.0006.BND	3/18/2009 5:58:43 PM



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:39:39 PM
Bound File Name = Sim031909.0017.RAW
Sample Name = CCS
Date Taken = 3/19/2009 9:01:29 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

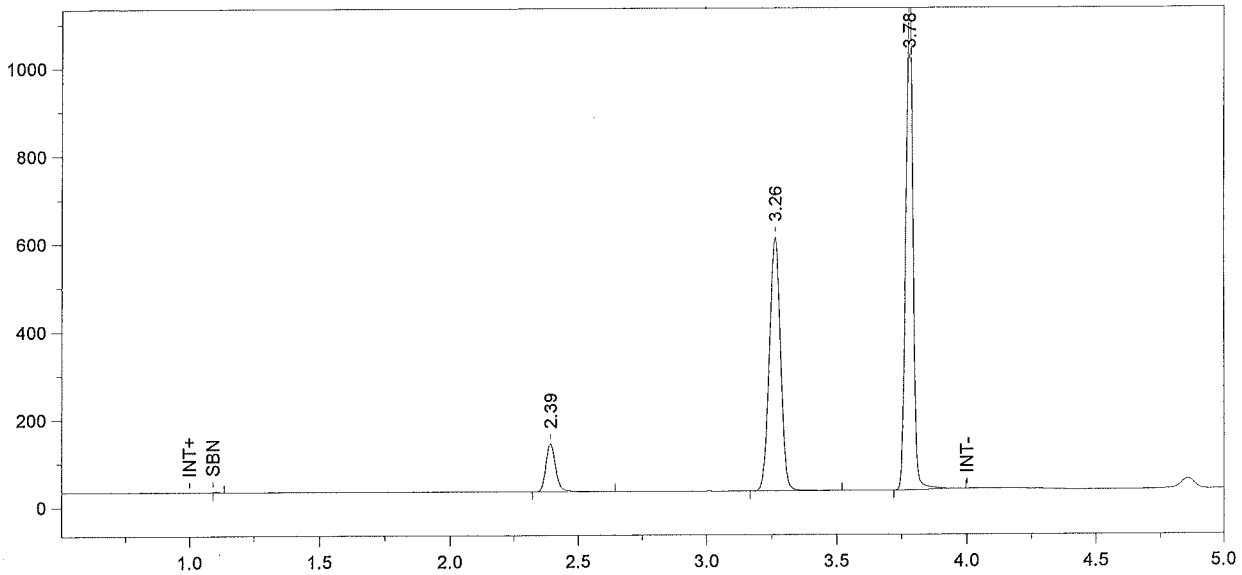
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.39	Ethanol	599435	0.1109
4	3.26	t-Butanol	1642720	0.9574
5	3.78	n-Propanol	2047781	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:39:43 PM
Bound File Name = Sim031909.0018.RAW
Sample Name = CCS
Date Taken = 3/19/2009 9:16:28 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

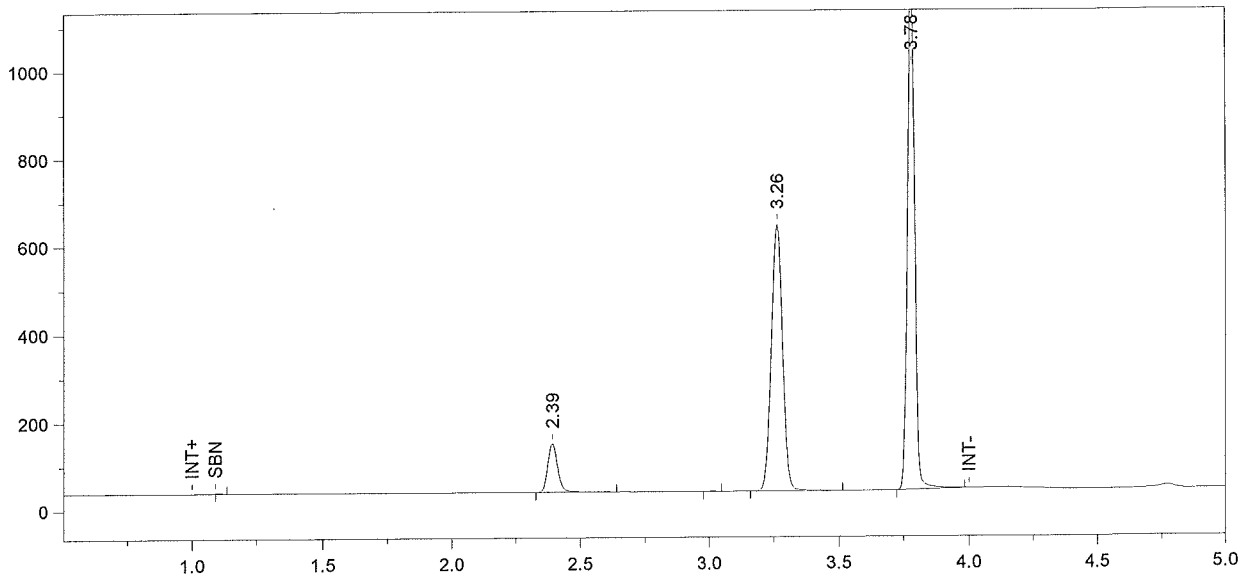
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.39	Ethanol	576293	0.1115
3	3.26	t-Butanol	1561874	0.9513
4	3.78	n-Propanol	1959366	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:39:46 PM
Bound File Name = Sim031909.0019.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/19/2009 9:31:42 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

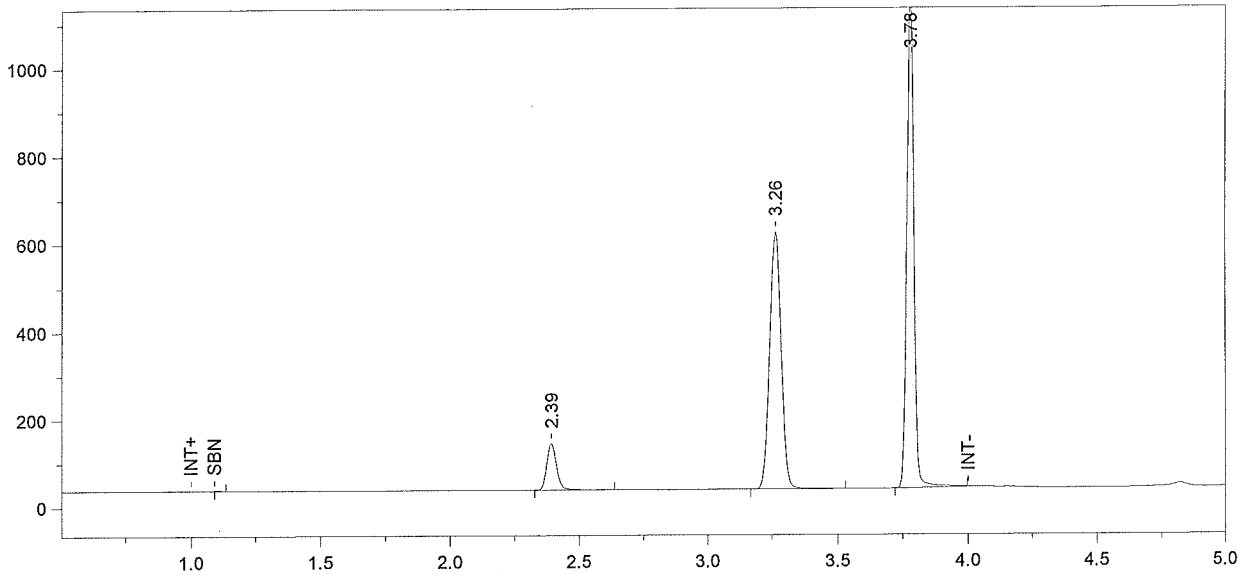
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	289805	0.0514	0.0419
3	3.26	t-Butanol	1734427	0.9686	0.7906
4	3.78	n-Propanol	2137070	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:39:51 PM
Bound File Name = Sim031909.0020.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/19/2009 9:46:43 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

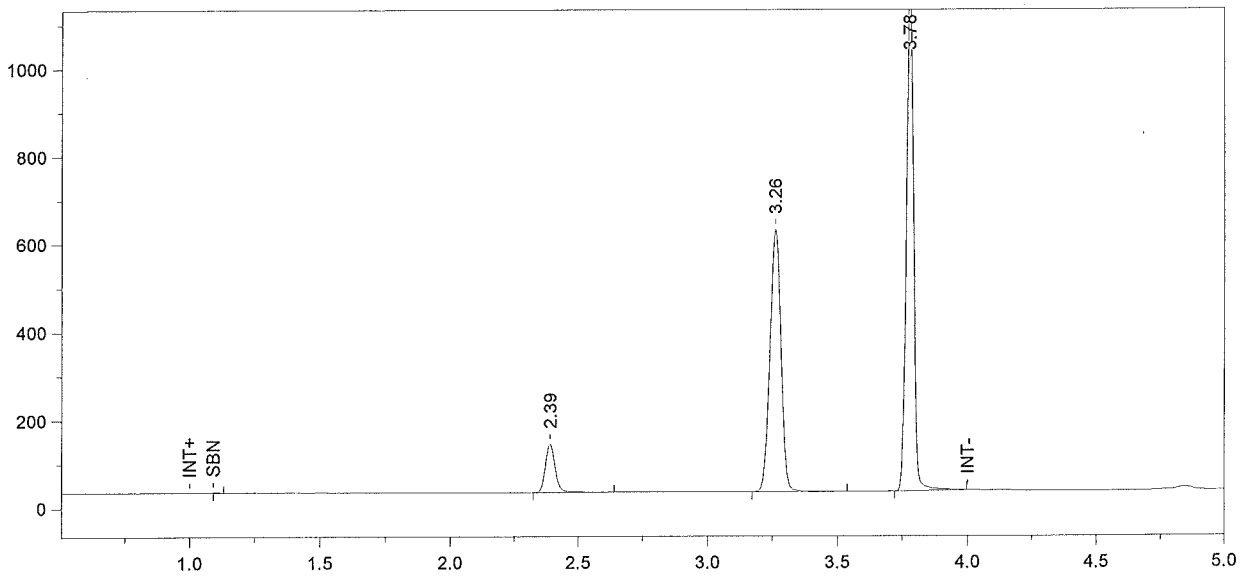
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	293360	0.0503	0.0410
4	3.26	t-Butanol	1819175	0.9818	0.8014
5	3.78	n-Propanol	2211205	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:39:55 PM
Bound File Name = Sim031909.0021.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/19/2009 10:01:33 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

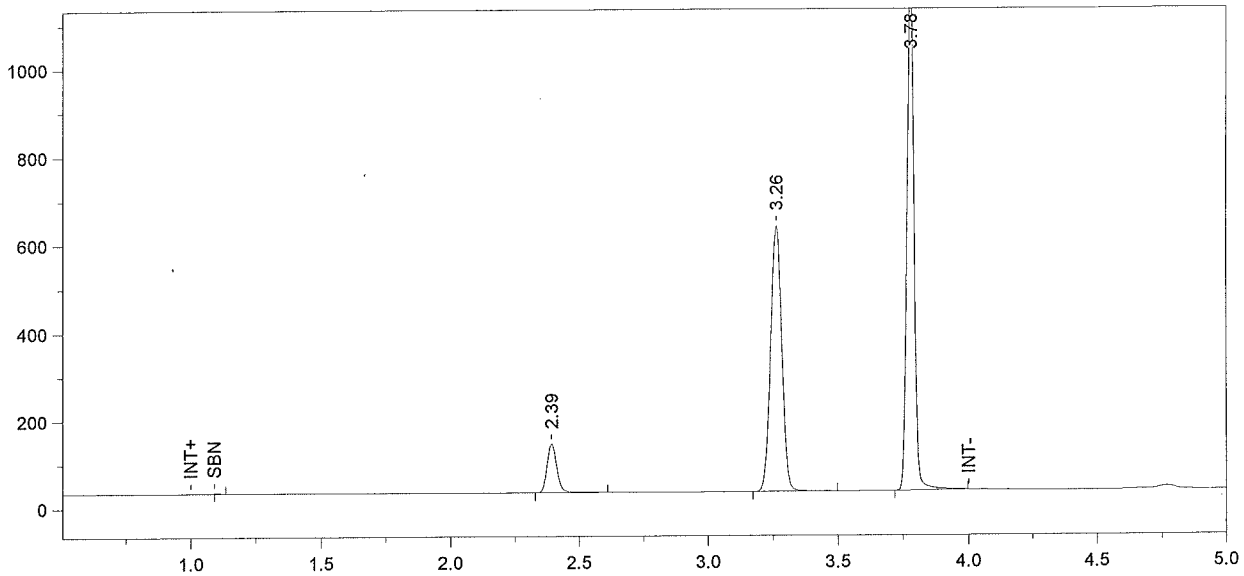
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	282395	0.0502	0.0410
3	3.26	t-Butanol	1757841	0.9837	0.8029
4	3.78	n-Propanol	2132641	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:39:59 PM
Bound File Name = Sim031909.0022.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/19/2009 10:16:34 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

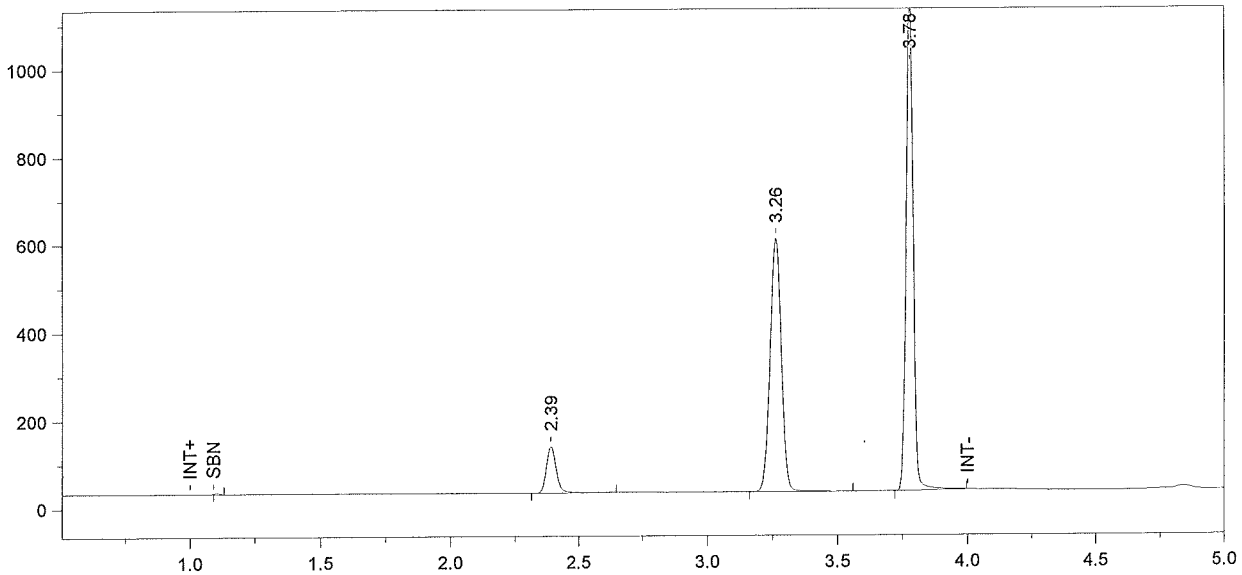
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	290125	0.0503	0.0411
3	3.26	t-Butanol	1789314	0.9771	0.7975
4	3.78	n-Propanol	2185496	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:40:02 PM
Bound File Name = Sim031909.0023.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/19/2009 10:31:35 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

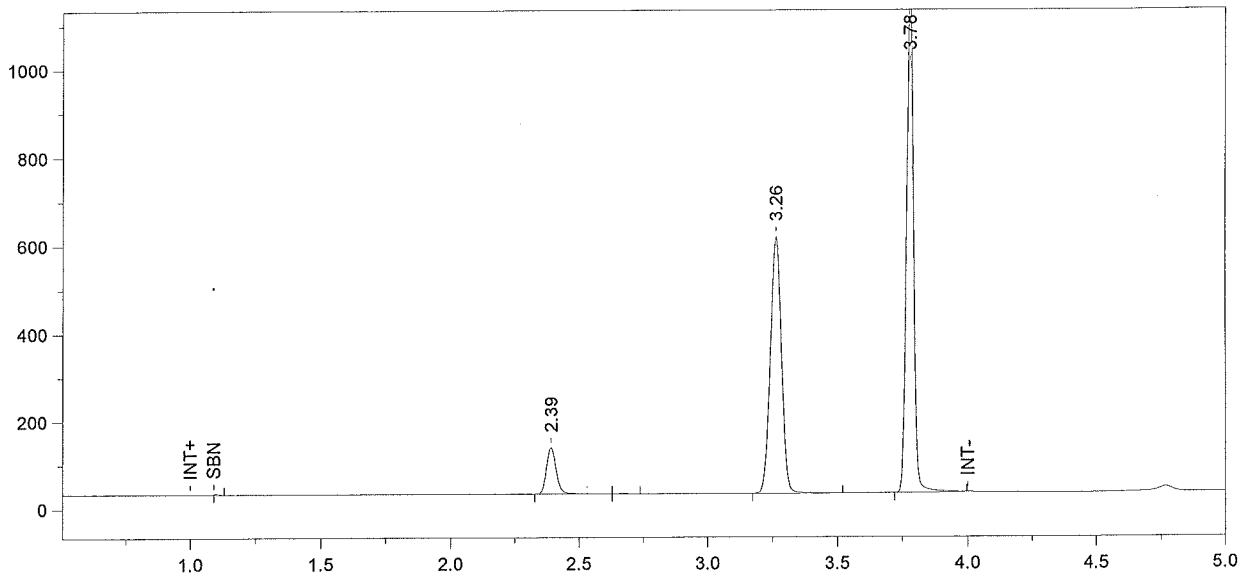
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	295340	0.0505	0.0412
3	3.26	t-Butanol	1820719	0.9797	0.7997
4	3.78	n-Propanol	2217840	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:40:07 PM
Bound File Name = Sim031909.0024.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/19/2009 10:46:37 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

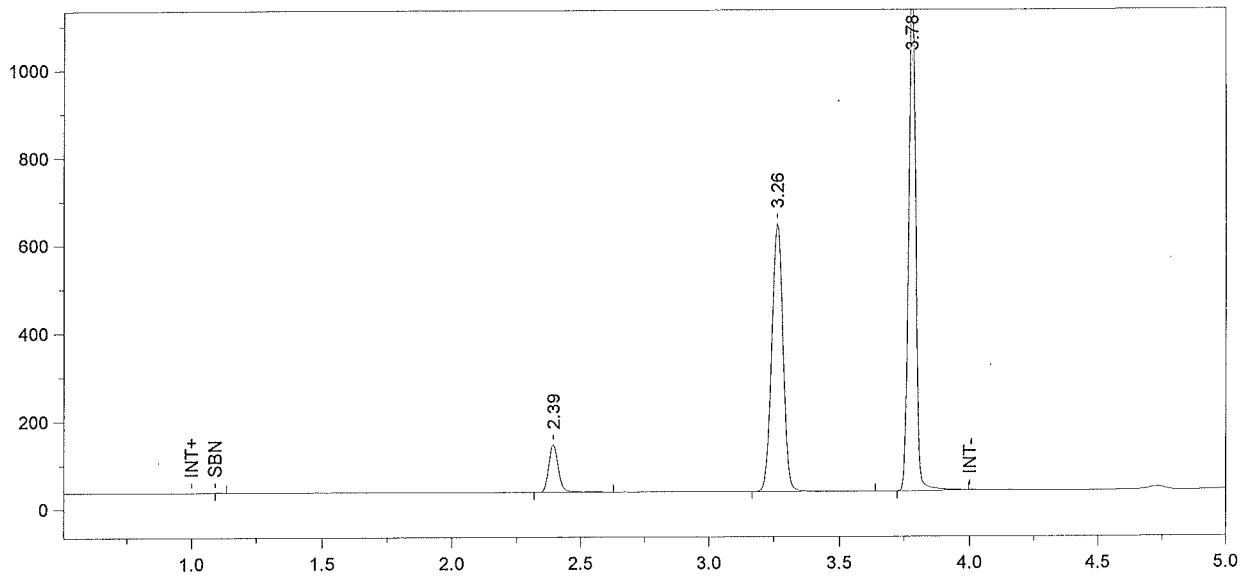
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	280595	0.0504	0.0411
3	3.26	t-Butanol	1733109	0.9798	0.7997
4	3.78	n-Propanol	2111062	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:40:10 PM
Bound File Name = Sim031909.0025.RAW
Sample Name = 0.04 Sim Solution ALB
Date Taken = 3/19/2009 11:01:40 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

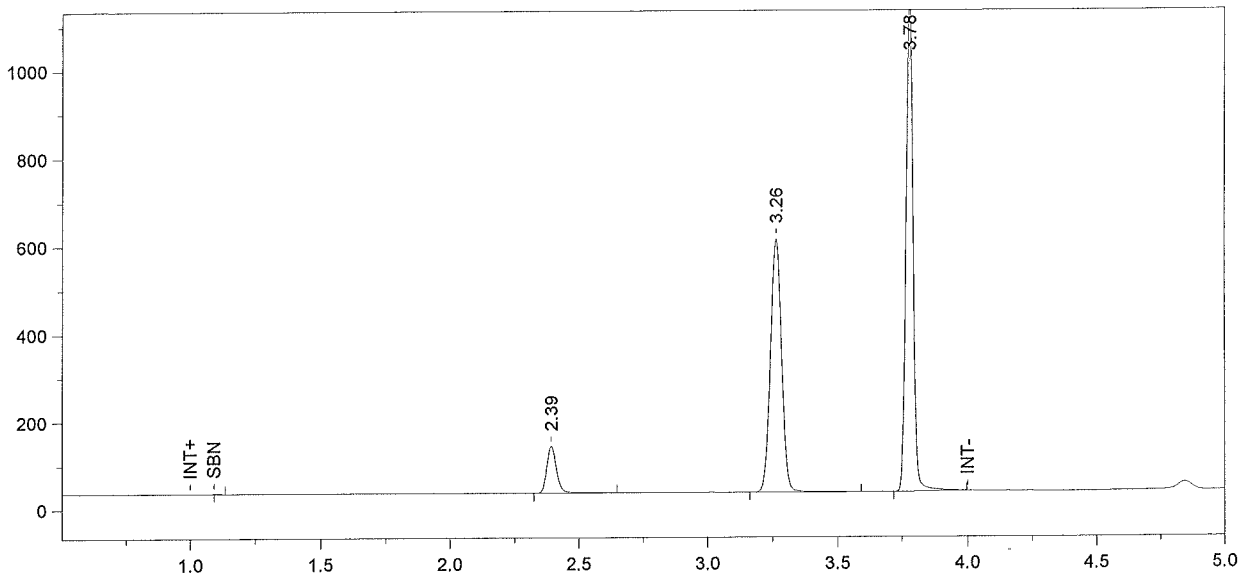
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	282624	0.0502	0.0410
4	3.26	t-Butanol	1752378	0.9806	0.8004
5	3.78	n-Propanol	2132701	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:40:13 PM
Bound File Name = Sim031909.0026.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/19/2009 11:16:42 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

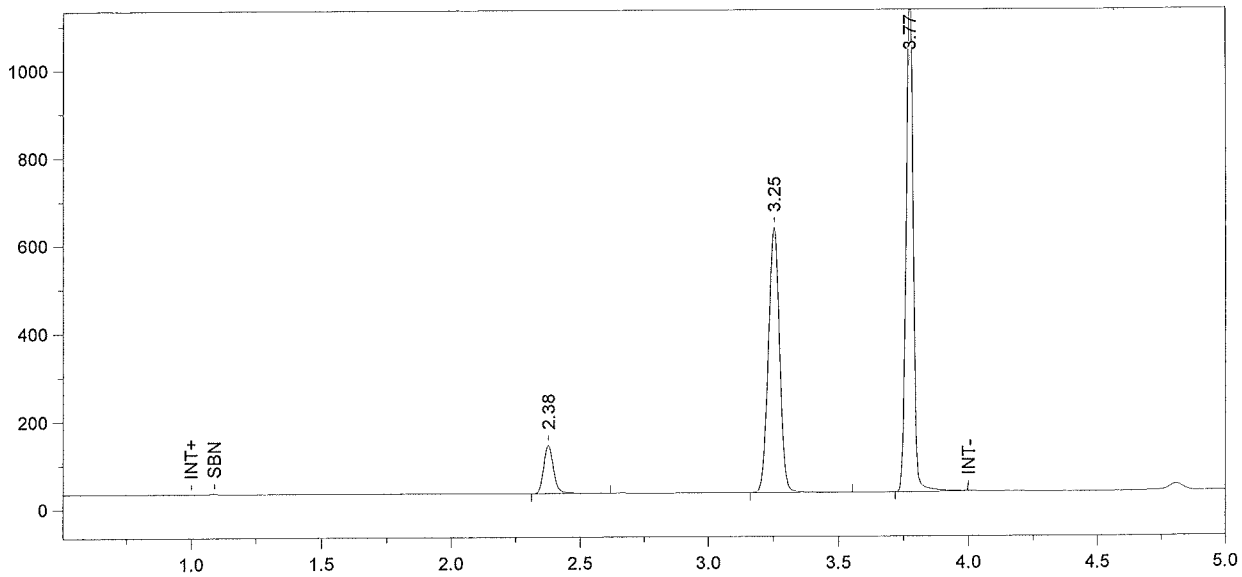
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	287495	0.0495	0.0404
3	3.26	t-Butanol	1836693	0.9960	0.8129
4	3.78	n-Propanol	2200814	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:40:16 PM
Bound File Name = Sim031909.0027.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/19/2009 11:31:43 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

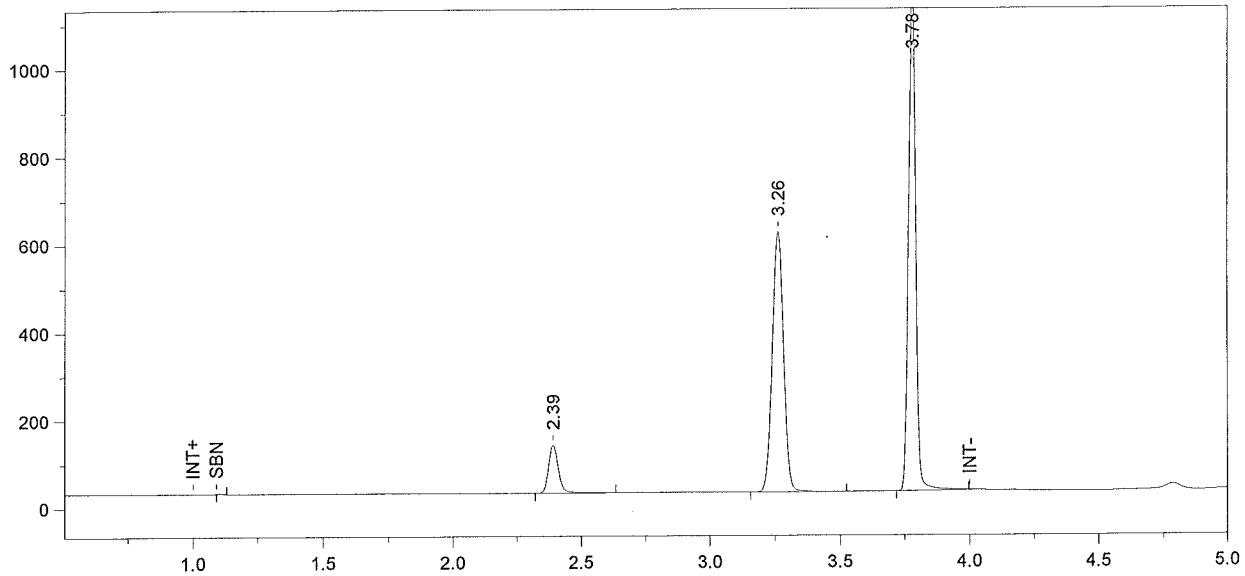
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	283563	0.0503	0.0411
3	3.26	t-Butanol	1737668	0.9708	0.7924
4	3.78	n-Propanol	2136179	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:40:20 PM
Bound File Name = Sim031909.0028.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/19/2009 11:46:45 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

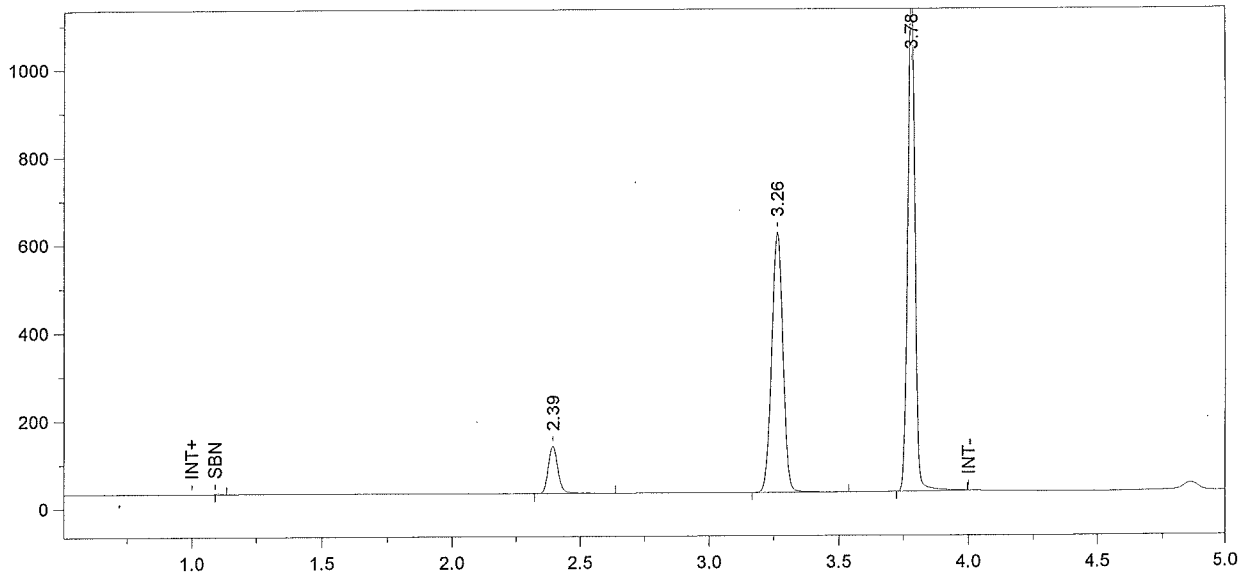
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.38	Ethanol	292565	0.0504	0.0412
2	3.25	t-Butanol	1816601	0.9859	0.8047
3	3.77	n-Propanol	2198895	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:40:23 PM
Bound File Name = Sim031909.0029.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/20/2009 12:01:46 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

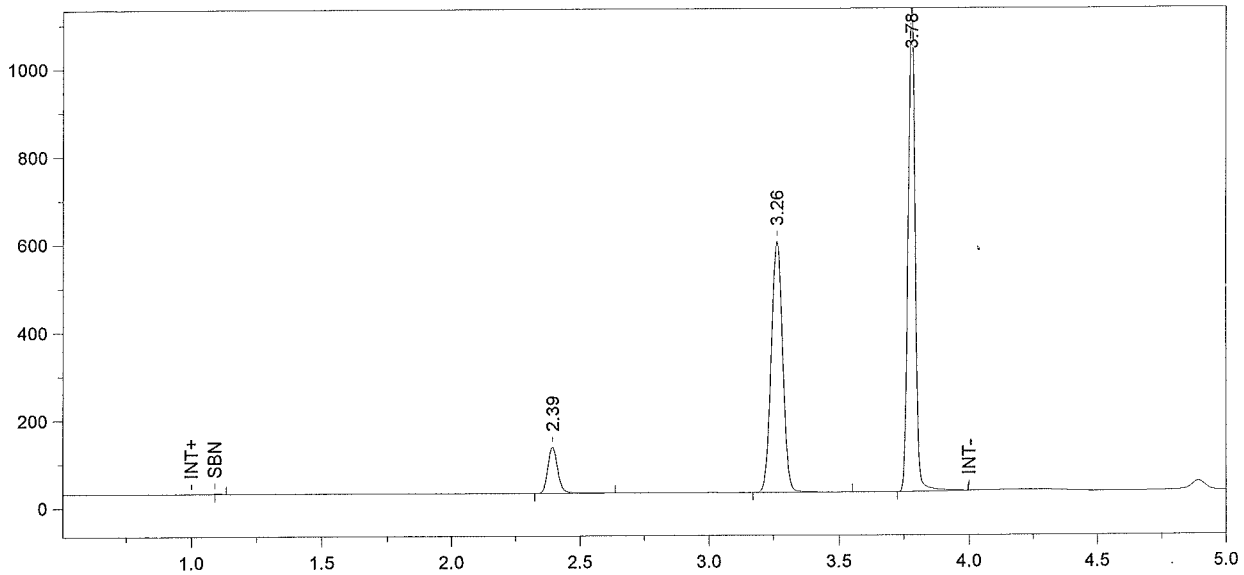
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	289620	0.0503	0.0410
3	3.26	t-Butanol	1786766	0.9769	0.7974
4	3.78	n-Propanol	2182743	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:40:28 PM
Bound File Name = Sim031909.0030.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/20/2009 12:16:45 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

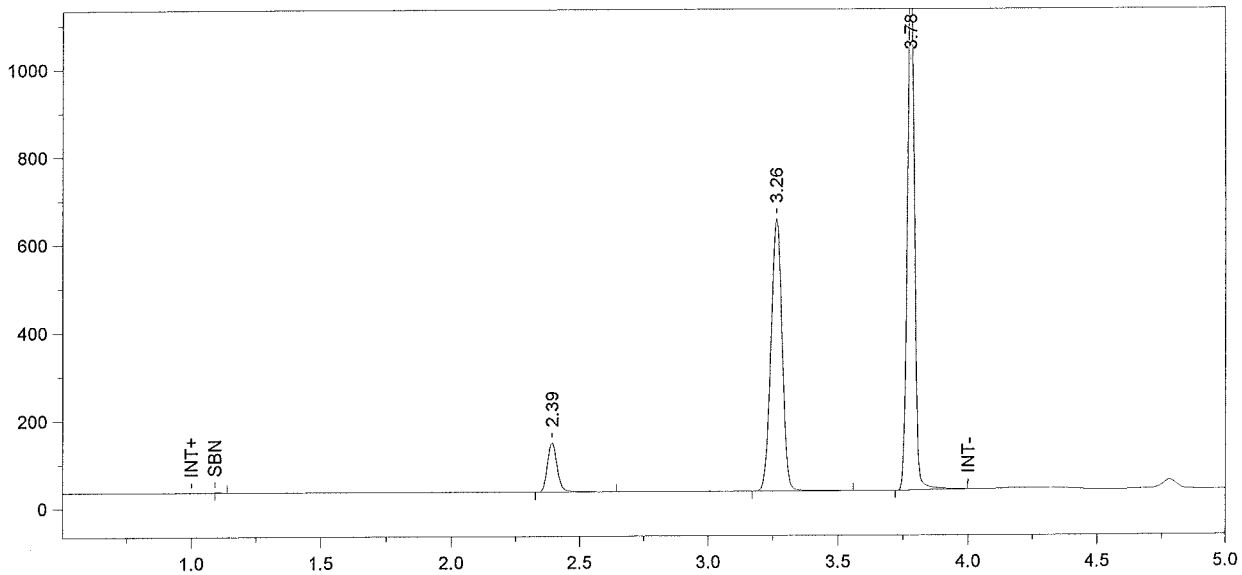
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	285487	0.0502	0.0410
3	3.26	t-Butanol	1777374	0.9837	0.8029
4	3.78	n-Propanol	2156372	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:40:31 PM
Bound File Name = Sim031909.0031.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/20/2009 12:31:59 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

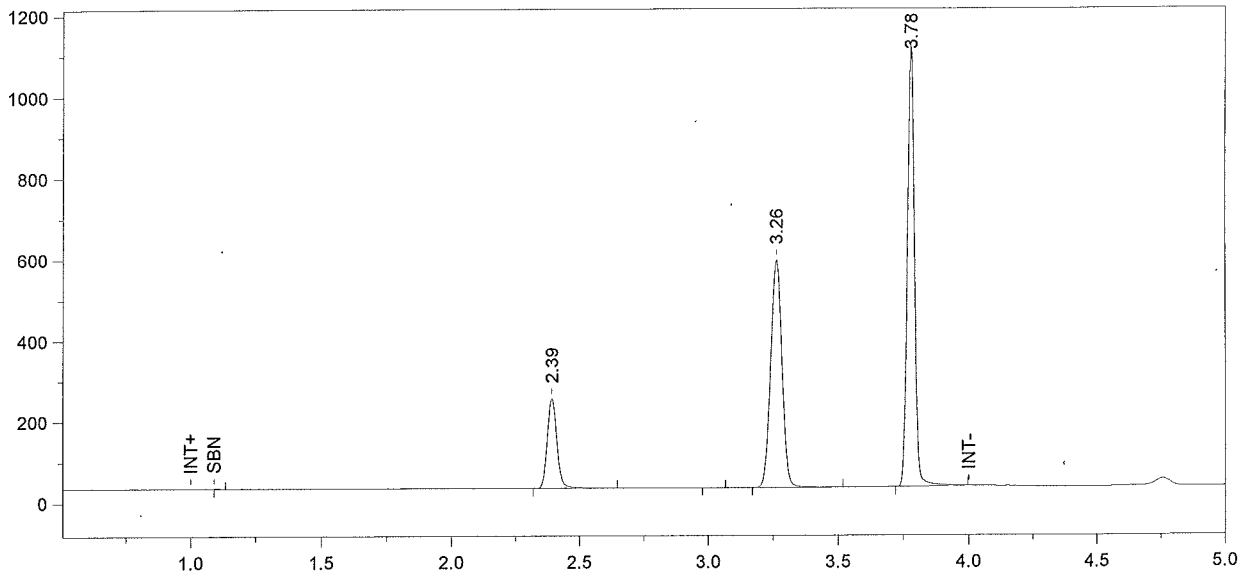
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	279748	0.0501	0.0409
3	3.26	t-Butanol	1717646	0.9690	0.7909
4	3.78	n-Propanol	2115518	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:40:35 PM
Bound File Name = Sim031909.0032.RAW
Sample Name = 0.04 Sim Solution DMR
Date Taken = 3/20/2009 12:47:00 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	297852	0.0501	0.0409
3	3.26	t-Butanol	1861827	0.9863	0.8050
4	3.78	n-Propanol	2252853	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:40:39 PM
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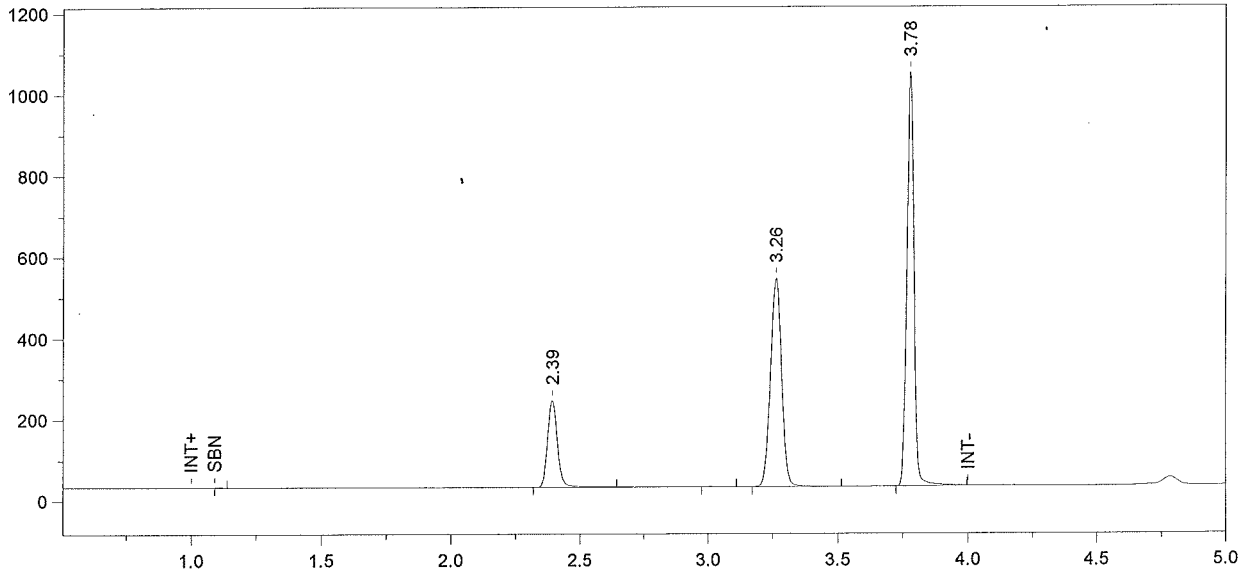
Sample Name = CCS
Date Taken = 3/20/2009 1:01:50 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.39	Ethanol	587853	0.1087
4	3.26	t-Butanol	1688873	0.9832
5	3.78	n-Propanol	2049918	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 3/20/2009
Today's Time = 1:40:43 PM
Bound File Name = Sim031909.0034.RAW
Sample Name = CCS
Date Taken = 3/20/2009 1:16:52 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 44

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.39	Ethanol	567730	0.1117
4	3.26	t-Butanol	1540679	0.9548
5	3.78	n-Propanol	1925668	1.0000