Vermont Department of Health Laboratory
Toxicology Program

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Certificate of Analysis of DataMaster External Standard Solution

On 2/2/2010, an ethanol solution was prepared by Darcy Richardson for use as a DataMaster External Standard solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-23-100 and an expiration date of 2/2/2011.

On 2/10/2010 and 2/12/2010, 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 0.100 g/210L simulated breath ethanol concentration and approved for use as a DataMaster External Standard solution.

Dated at Burlington, Vermont on Tuesday, February 16, 2010.

Darcy Richardson

Lot # 10-23-100

Prepared by DMR
Prepared on 2/2/2010
Expires on 2/2/~~2010~~ 2011

Analyzed on 2/10/10, 2/12/10
analyzed by DMR and ALB

0.0991	0.1014		**Target**	**0.100**
0.1001	0.0970		Std Dev	0.001434
0.0988	0.1008			
0.0981	0.0996			
0.0995	0.1016			
0.0995	0.1025			
0.0991	0.1012			
0.1021	0.1034			
0.1009	0.1008			
0.1000	0.1025			
0.1007	0.1026			
0.0996	0.1014			
0.1005	0.0979			
0.0996	0.1010			
0.0998	**0.1010**	mean		
0.00102	0.001848	std dev		

Reviewed 2/17/10

File Name: C:\Methods\BloodAlcohol4.cal
Version: 208

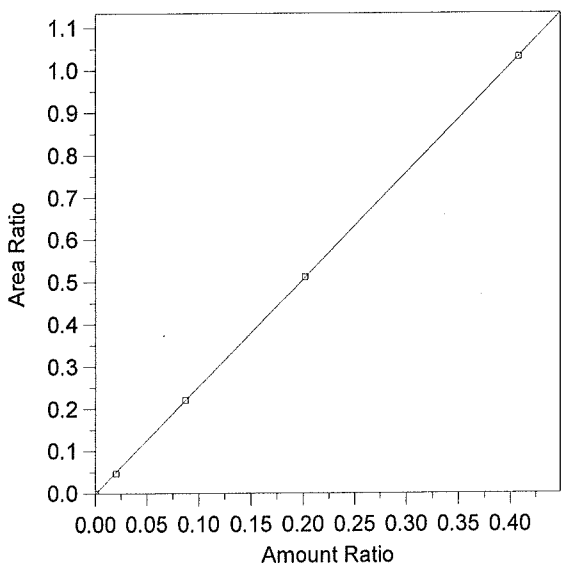
Creator:
Description:
Reason for change:

Internal standard calibration
No injection volume correction
No sample weight correction
Area reject threshold: 15000
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:	2.39 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

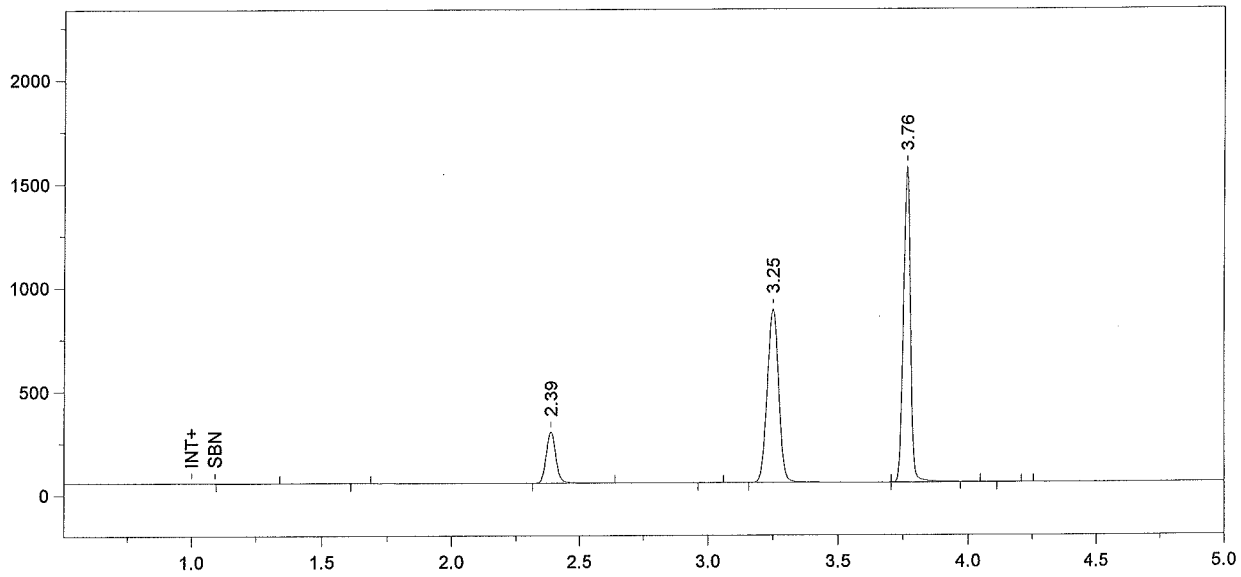
Single peak quantification by area

Y = 2.527663 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9999825
Average error:	1.418%
Average CF:	1.988235
RSD:	56.032%

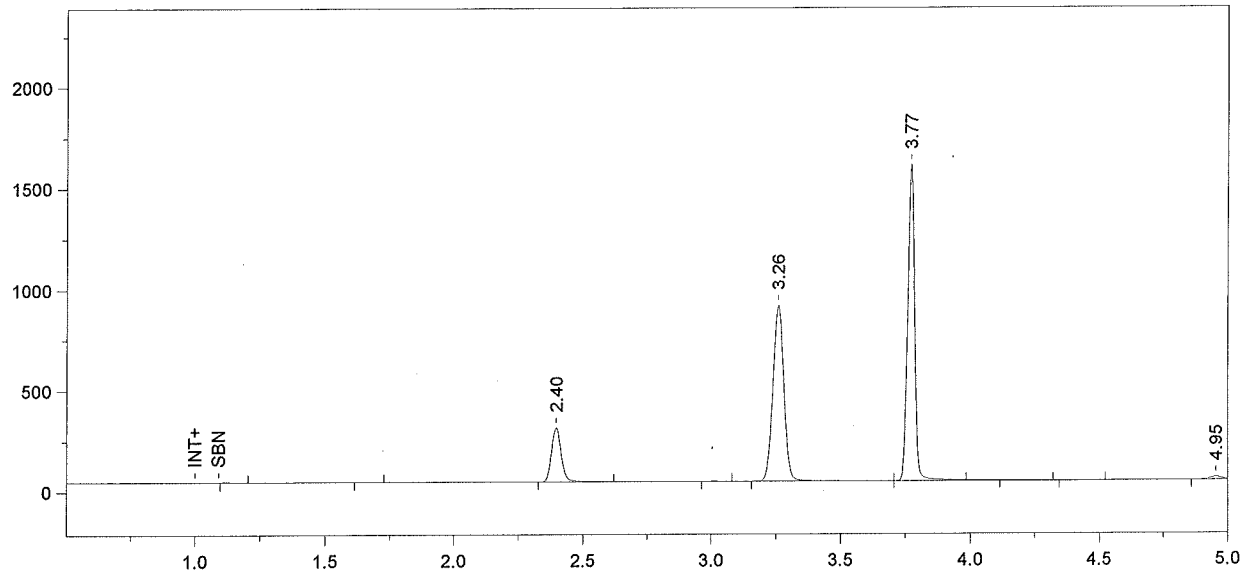
Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	--	0.000	0	0	Manual	4/11/2005 10:03:40 AM
2	0.02	165792.5	8289625	-6.879	0.02	4.707563E-02	C:\Alcohol Data\Alc020810\Alc020810.0003.BND	2/8/2010 11:47:30 AM
3	0.087	757276.6	8704329	0.061	0.087	0.2200415	C:\Alcohol Data\Alc020810\Alc020810.0004.BND	2/8/2010 11:47:38 AM
4	0.202	1847328	9145188	0.131	0.202	0.5112593	C:\Alcohol Data\Alc020810\Alc020810.0005.BND	2/8/2010 11:47:44 AM
5	0.408	3705335	9081704	-0.018	0.408	1.031096	C:\Alcohol Data\Alc020810\Alc020810.0006.BND	2/8/2010 11:47:51 AM



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 2/10/2010
Today's Time = 3:20:34 PM
Bound File Name = Sim020910(2).0001.RAW
Sample Name = CCS
Date Taken = 2/10/2010 3:20:28 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

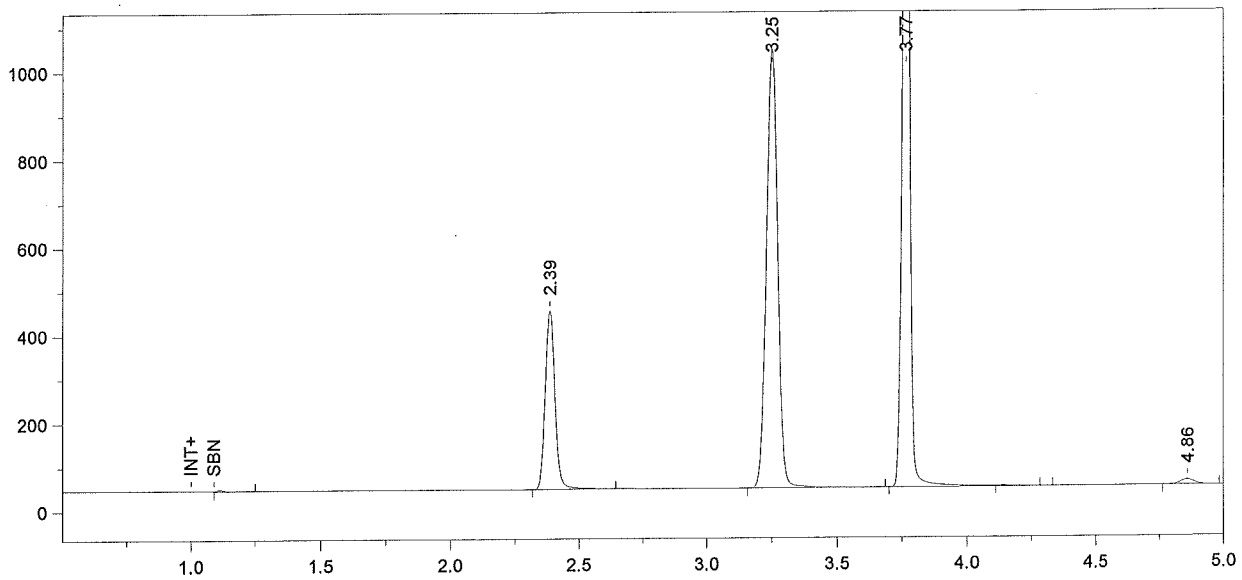
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.39	Ethanol	662260	0.0902
5	3.25	t-Butanol	2544289	1.0116
6	3.76	n-Propanol	2904693	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 2/10/2010
Today's Time = 3:34:55 PM
Bound File Name = Sim020910(2).0002.RAW
Sample Name = CCS
Date Taken = 2/10/2010 3:34:53 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

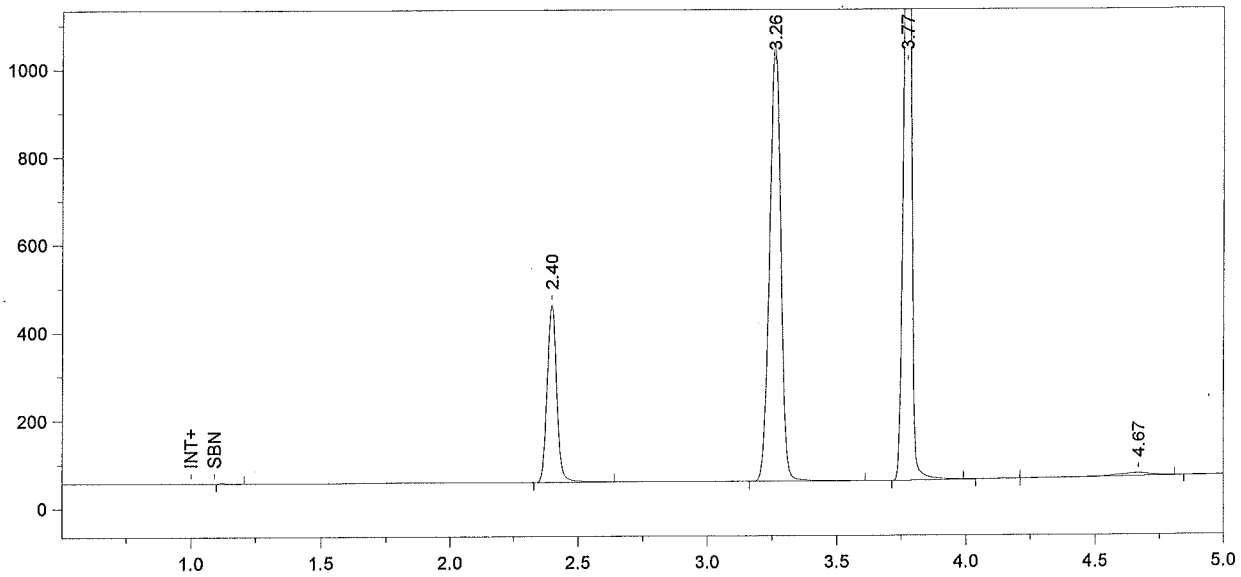
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.40	Ethanol	711329	0.0944
5	3.26	t-Butanol	2620741	1.0156
6	3.77	n-Propanol	2980236	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/10/2010
Today's Time = 3:50:00 PM
Bound File Name = Sim020910(2).0003.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 2/10/2010 3:49:54 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

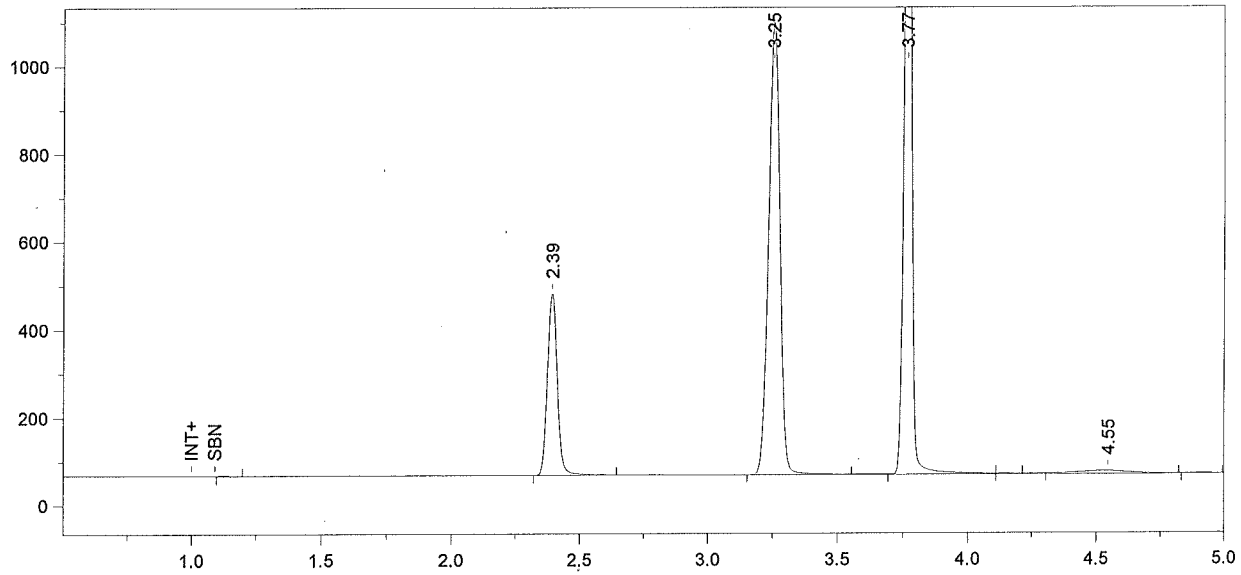
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	1079787	0.1214	0.0991
3	3.25	t-Butanol	3038234	0.9971	0.8138
4	3.77	n-Propanol	3519209	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/10/2010
Today's Time = 4:04:57 PM
Bound File Name = Sim020910(2).0004.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 2/10/2010 4:04:56 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.40	Ethanol	1076234	0.1226	0.1001
3	3.26	t-Butanol	3011682	1.0019	0.8177
4	3.77	n-Propanol	3471852	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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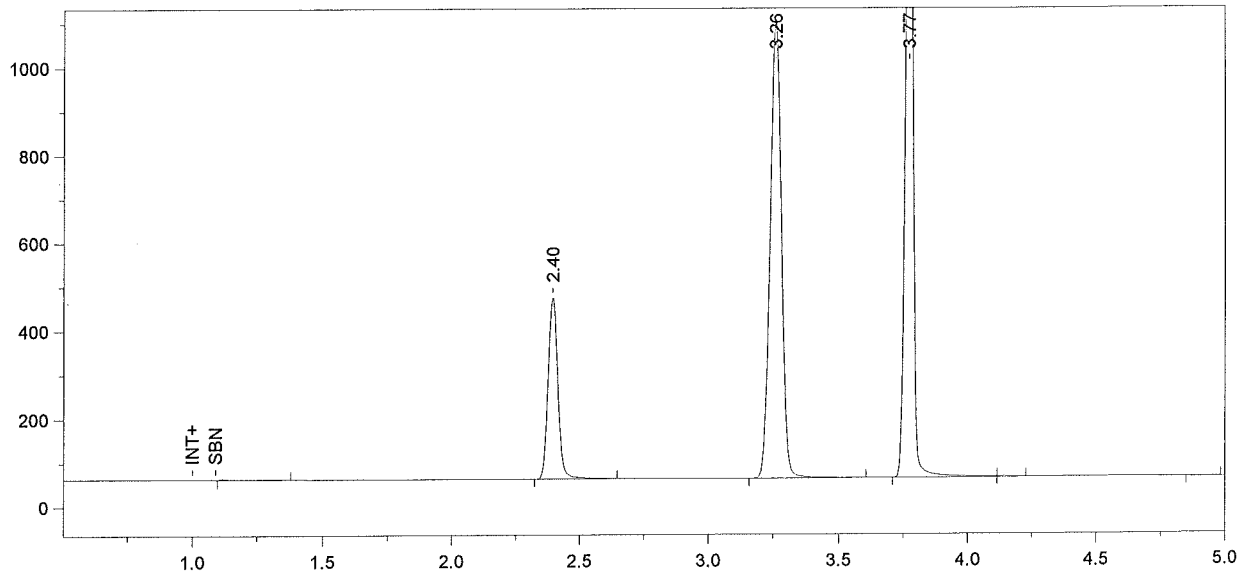
Today's Time = 4:20:03 PM
Bound File Name = Sim020910(2).0005.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 2/10/2010 4:19:57 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

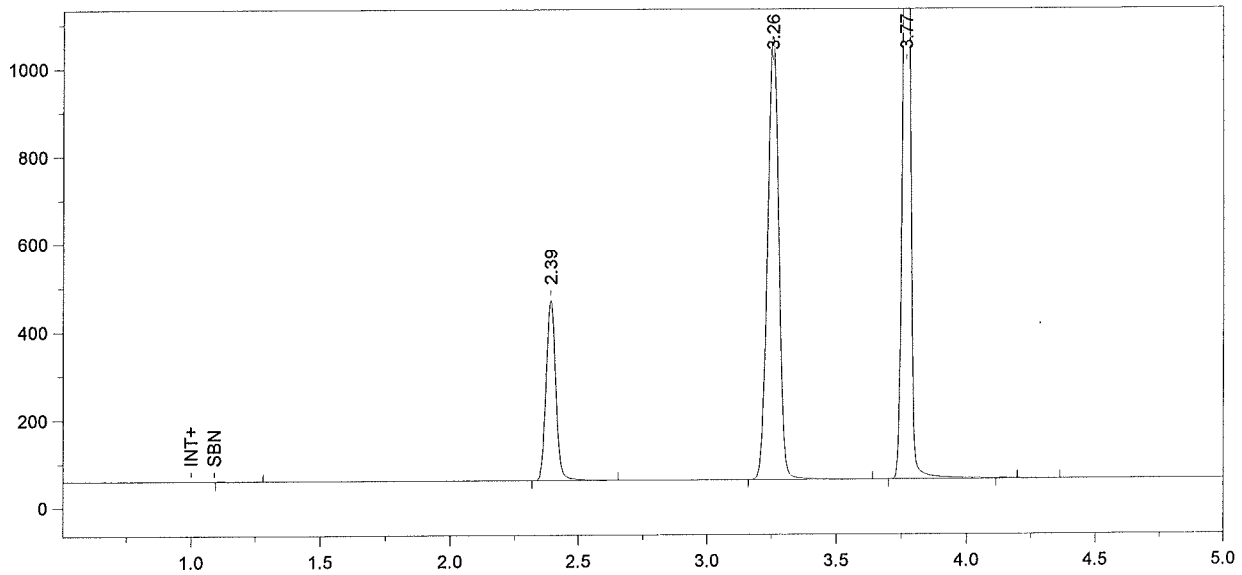
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	1098693	0.1210	0.0988
3	3.25	t-Butanol	3116435	1.0019	0.8178
4	3.77	n-Propanol	3592383	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/10/2010
Today's Time = 4:35:04 PM
Bound File Name = Sim020910(2).0006.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 2/10/2010 4:34:57 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.40	Ethanol	1099836	0.1202	0.0981
3	3.26	t-Butanol	3142974	1.0031	0.8187
4	3.77	n-Propanol	3618894	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/10/2010
Today's Time = 4:50:07 PM
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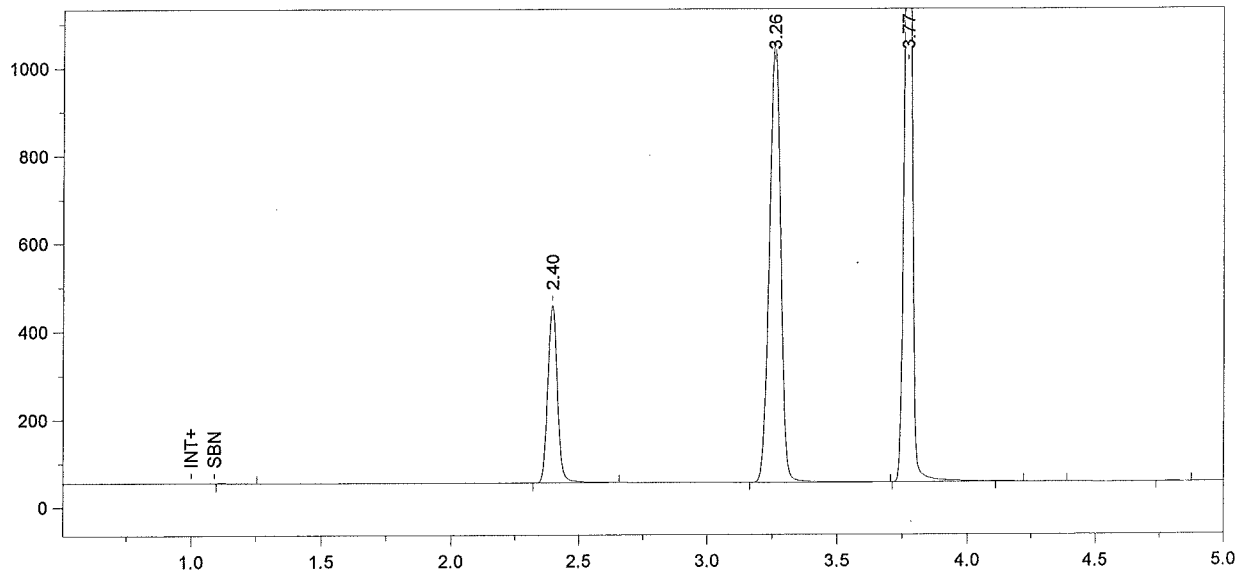
Sample Name = 0.10 Sim DMR
Date Taken = 2/10/2010 4:50:04 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

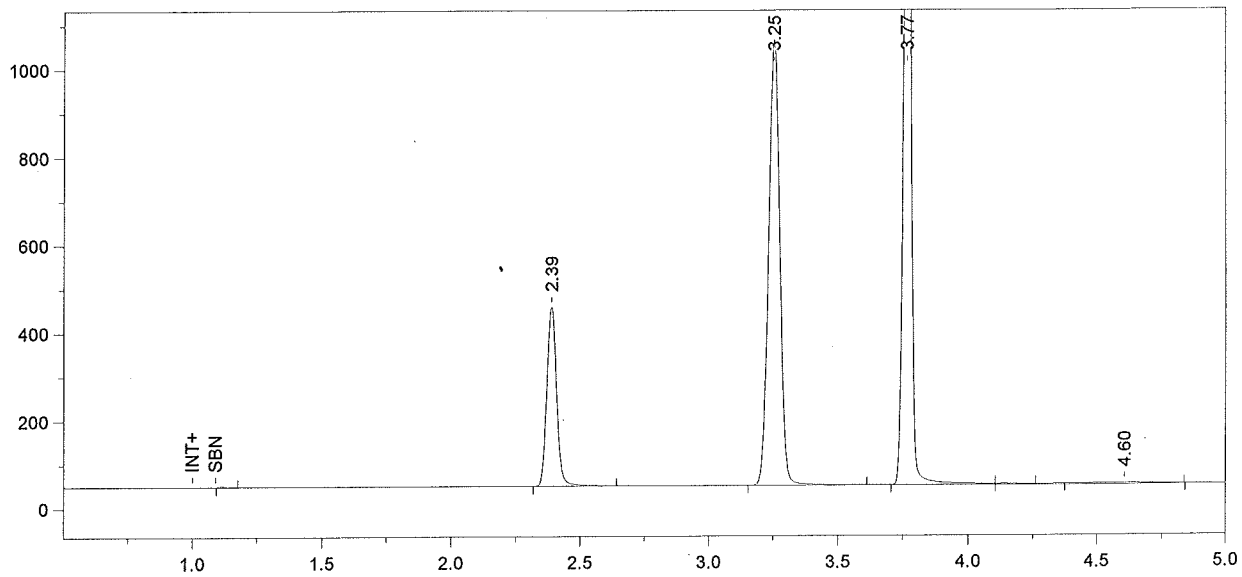
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	1093141	0.1219	0.0995
3	3.26	t-Butanol	3060994	0.9964	0.8133
4	3.77	n-Propanol	3548056	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/10/2010
Today's Time = 5:05:18 PM
Bound File Name = Sim020910(2).0008.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 2/10/2010 5:05:11 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

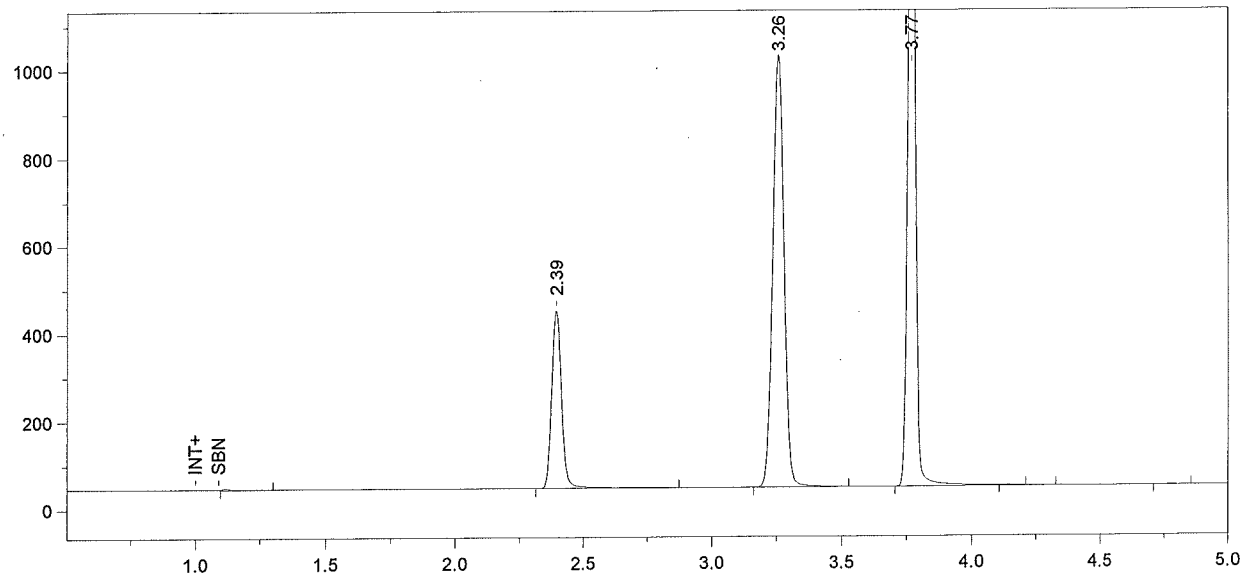
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.40	Ethanol	1078993	0.1219	0.0995
3	3.26	t-Butanol	3029557	0.9989	0.8153
4	3.77	n-Propanol	3502766	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/10/2010
Today's Time = 5:20:05 PM
Bound File Name = Sim020910(2).0009.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 2/10/2010 5:19:59 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	1092067	0.1214	0.0991
3	3.25	t-Butanol	3073218	0.9971	0.8138
4	3.77	n-Propanol	3559894	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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Today's Time = 5:35:02 PM
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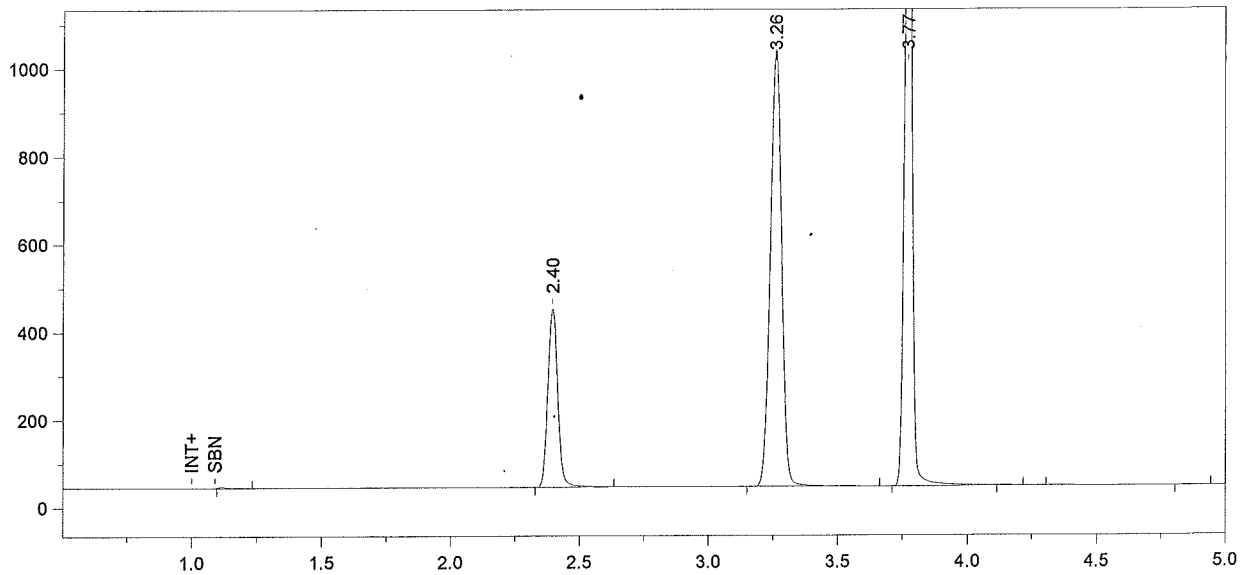
Sample Name = 0.10 Sim ALB
Date Taken = 2/10/2010 5:35:01 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	1092847	0.1251	0.1021
3	3.26	t-Butanol	2965733	0.9914	0.8092
4	3.77	n-Propanol	3454949	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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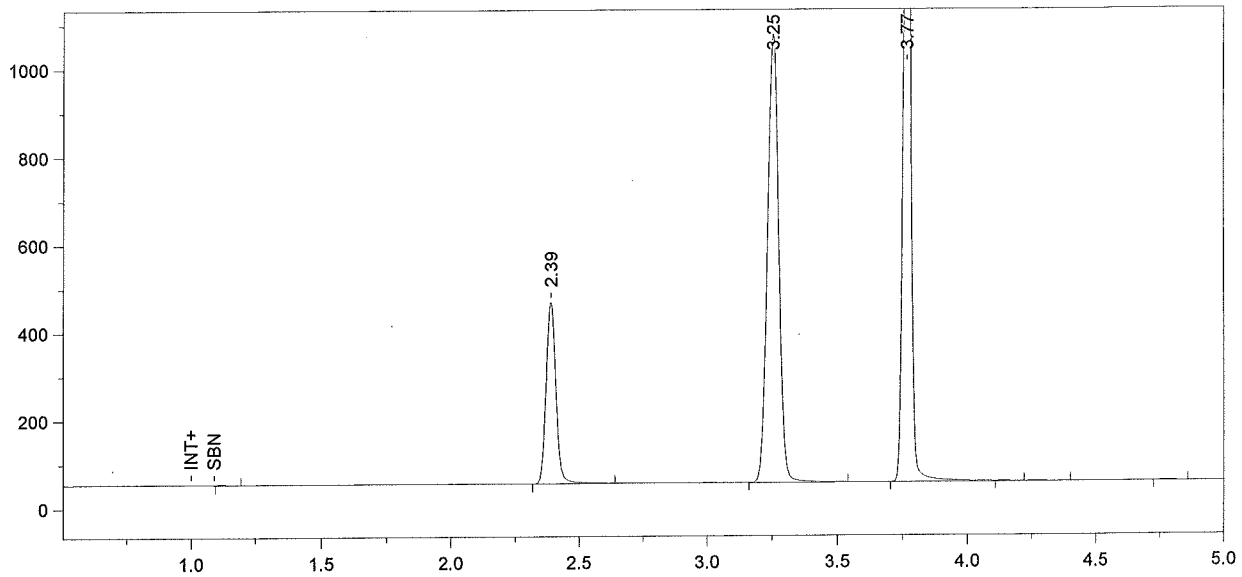
Today's Time = 5:50:10 PM
Bound File Name = Sim020910(2).0011.RAW
Sample Name = 0.10 Sim ALB
Date Taken = 2/10/2010 5:50:03 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.40	Ethanol	1090493	0.1236	0.1009
3	3.26	t-Butanol	3003817	0.9937	0.8111
4	3.77	n-Propanol	3491214	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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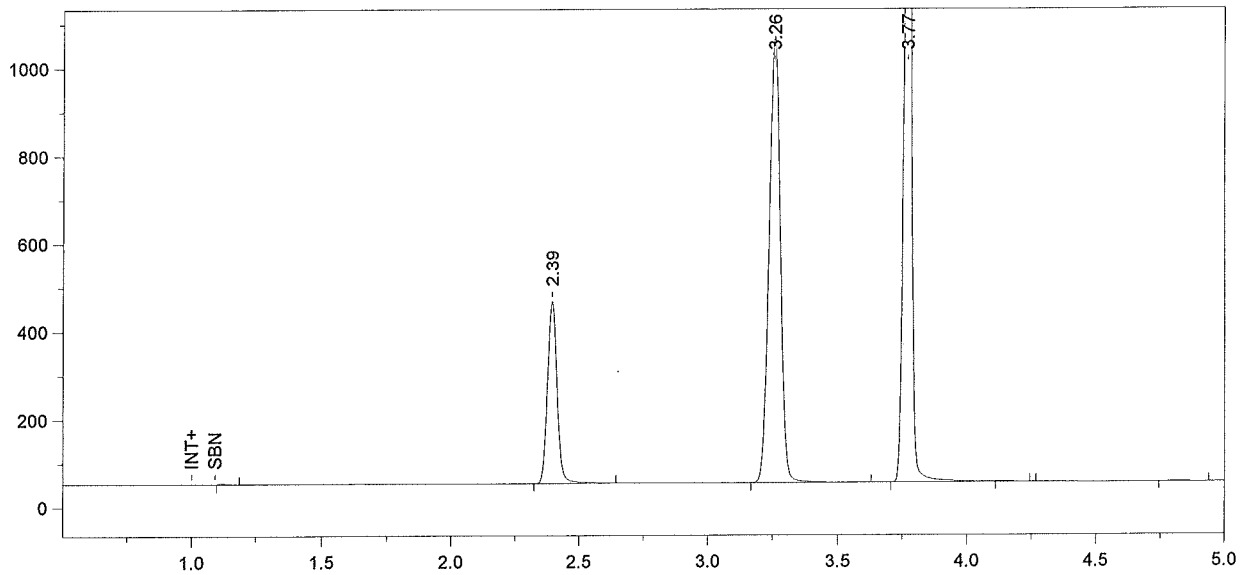
Sample Name = 0.10 Sim ALB
Date Taken = 2/10/2010 6:05:05 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

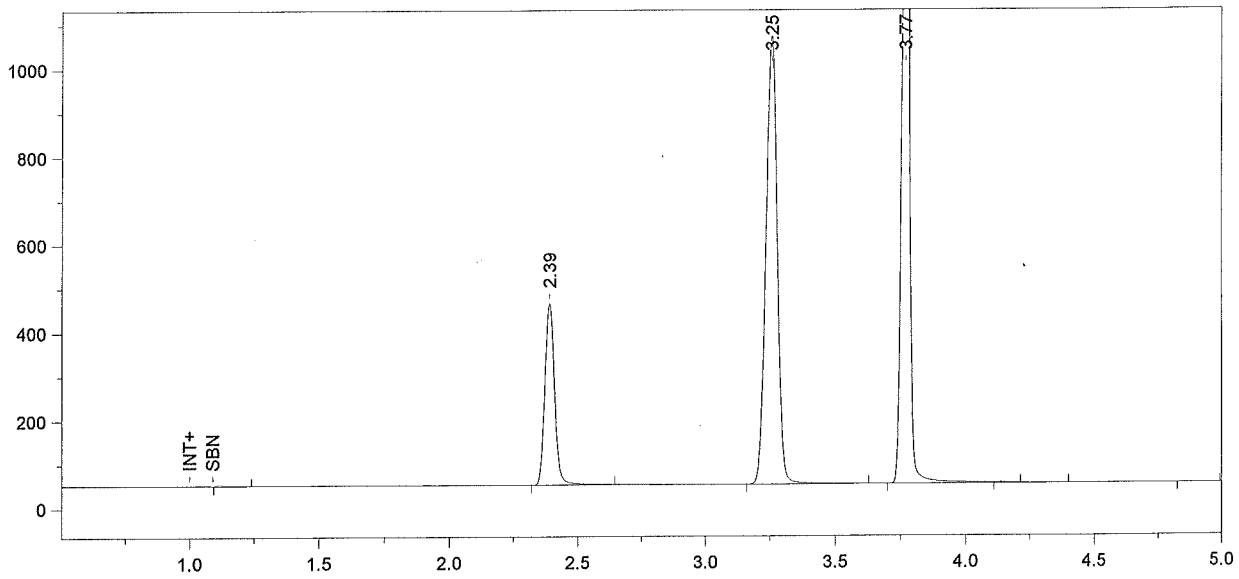
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	1104968	0.1225	0.1000
3	3.25	t-Butanol	3096413	1.0020	0.8179
4	3.77	n-Propanol	3568927	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/10/2010
Today's Time = 6:20:14 PM
Bound File Name = Sim020910(1).0013.RAW
Sample Name = 0.10 Sim ALB
Date Taken = 2/10/2010 6:20:08 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	1102706	0.1234	0.1007
3	3.26	t-Butanol	3070626	1.0032	0.8188
4	3.77	n-Propanol	3535203	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/10/2010
Today's Time = 6:35:13 PM
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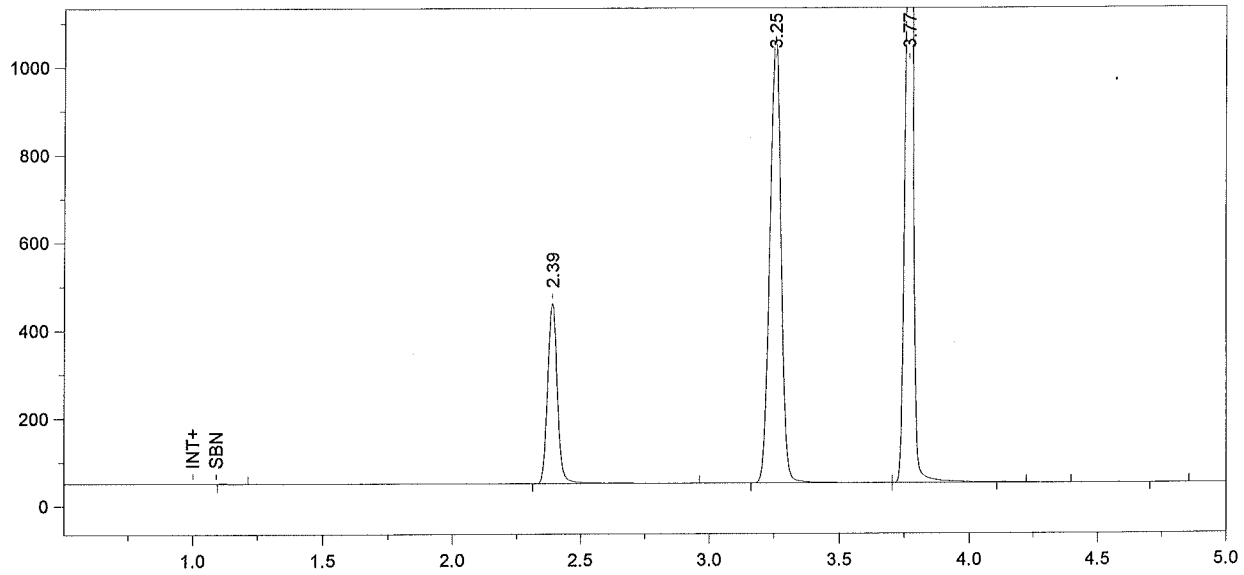
Sample Name = 0.10 Sim ALB
Date Taken = 2/10/2010 6:35:08 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	1101288	0.1220	0.0996
3	3.25	t-Butanol	3090862	0.9995	0.8158
4	3.77	n-Propanol	3571449	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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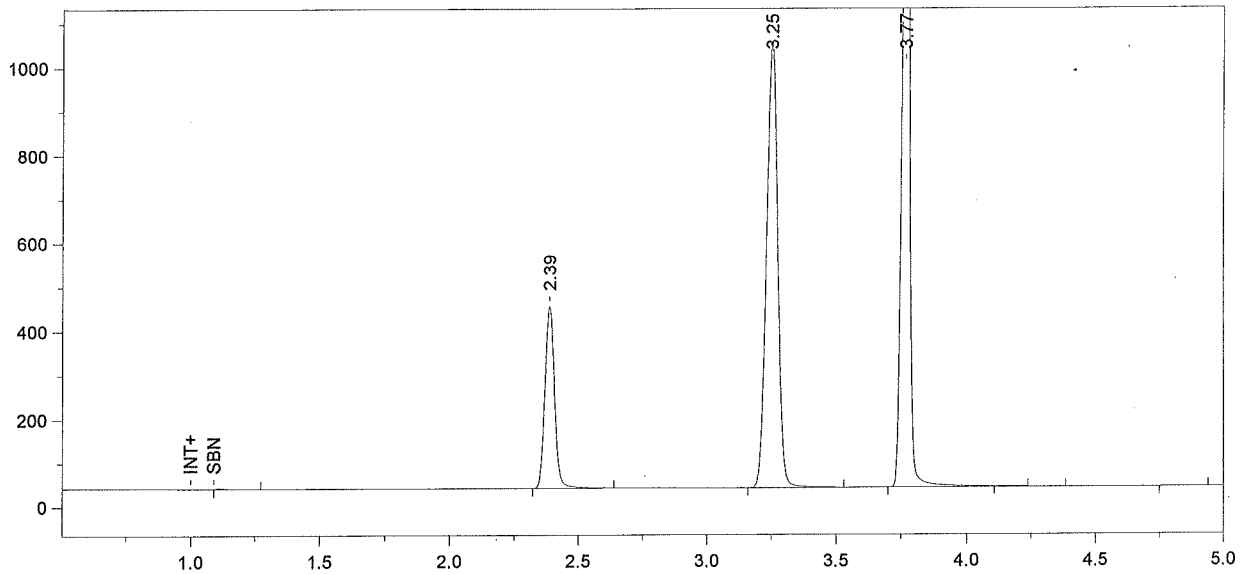
Today's Time = 6:50:16 PM
Bound File Name = Sim020910(1).0015.RAW
Sample Name = 0.10 Sim ALB
Date Taken = 2/10/2010 6:50:09 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	1105700	0.1231	0.1005
3	3.25	t-Butanol	3077243	1.0005	0.8166
4	3.77	n-Propanol	3552150	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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Today's Time = 7:05:13 PM
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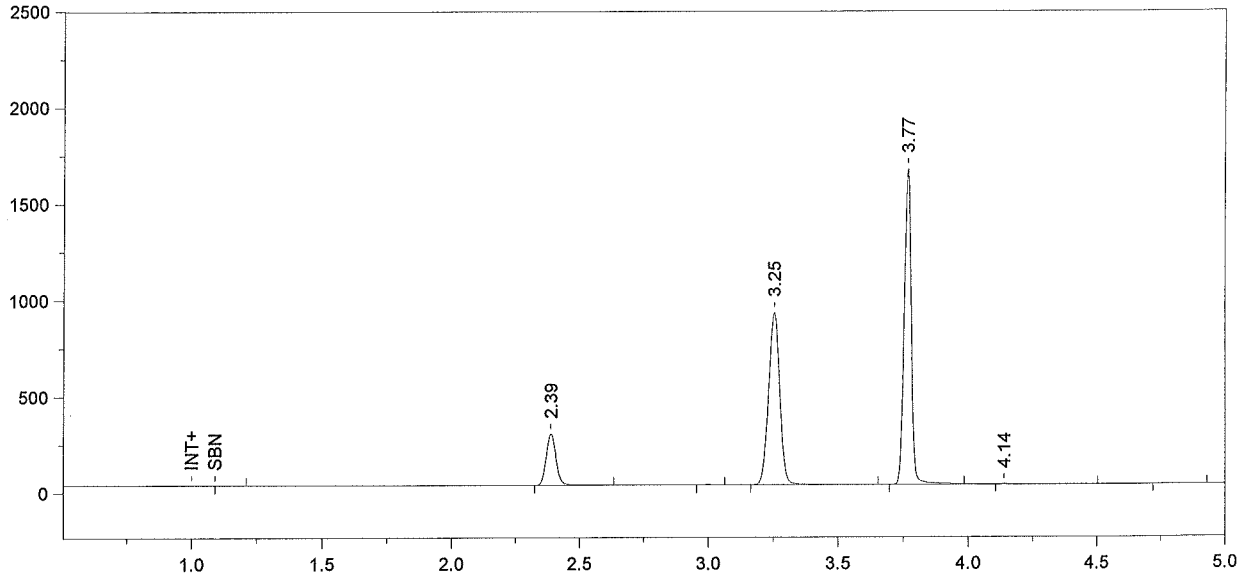
Sample Name = 0.10 Sim ALB
Date Taken = 2/10/2010 7:05:11 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.39	Ethanol	1107048	0.1220	0.0996
3	3.25	t-Butanol	3081162	0.9914	0.8092
4	3.77	n-Propanol	3589567	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

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Today's Time = 7:20:15 PM
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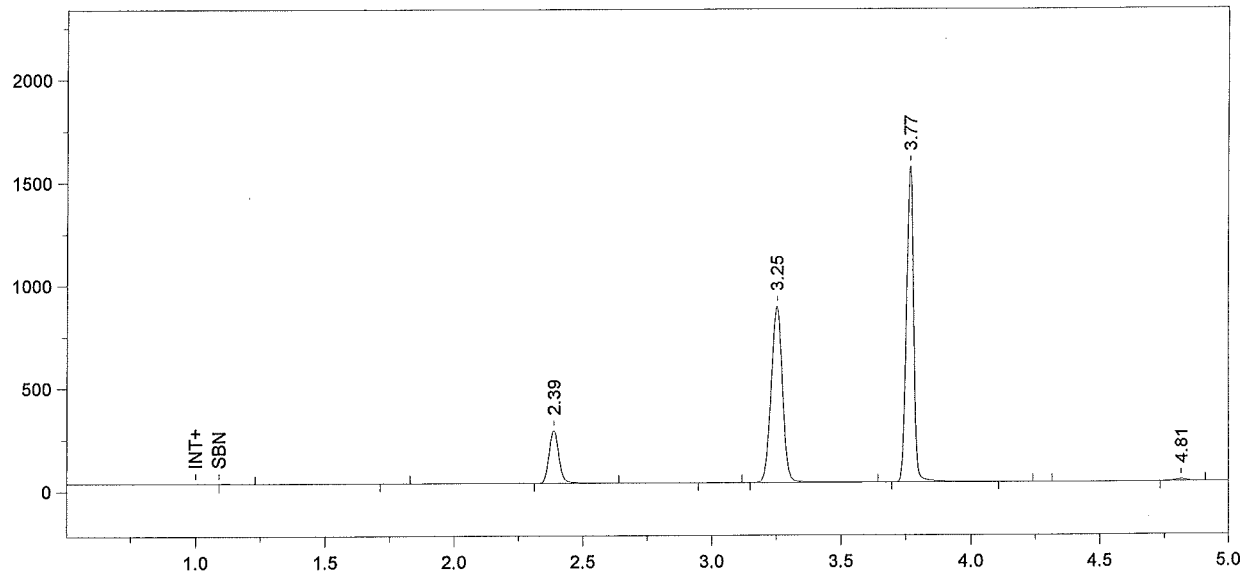
Sample Name = CCS
Date Taken = 2/10/2010 7:20:12 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.39	Ethanol	715608	0.0902
4	3.25	t-Butanol	2715161	0.9992
5	3.77	n-Propanol	3138507	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 2/10/2010
Today's Time = 7:35:14 PM
Bound File Name = Sim020910(1).0018.RAW
Sample Name = CCS
Date Taken = 2/10/2010 7:35:11 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 208

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.39	Ethanol	690456	0.0922
5	3.25	t-Butanol	2594669	1.0118
6	3.77	n-Propanol	2961683	1.0000

File Name: C:\Methods\BloodAlcohol4.cal
Version: 213

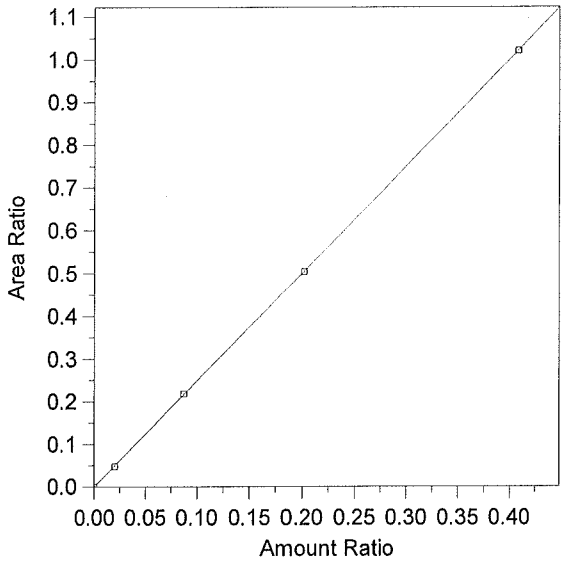
Creator:
Description:
Reason for change:

Internal standard calibration
No injection volume correction
No sample weight correction
Area reject threshold: 15000
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:	2.402 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

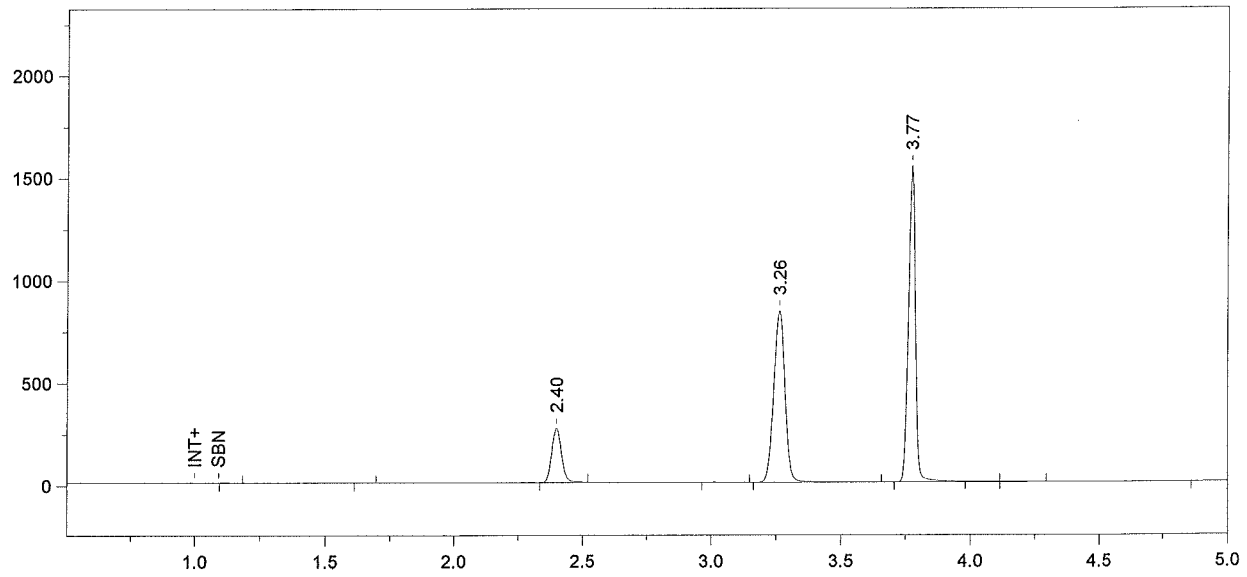
Single peak quantification by area

Y = 2.498578 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9999917
Average error:	0.886%
Average CF:	1.98222
RSD:	55.941%

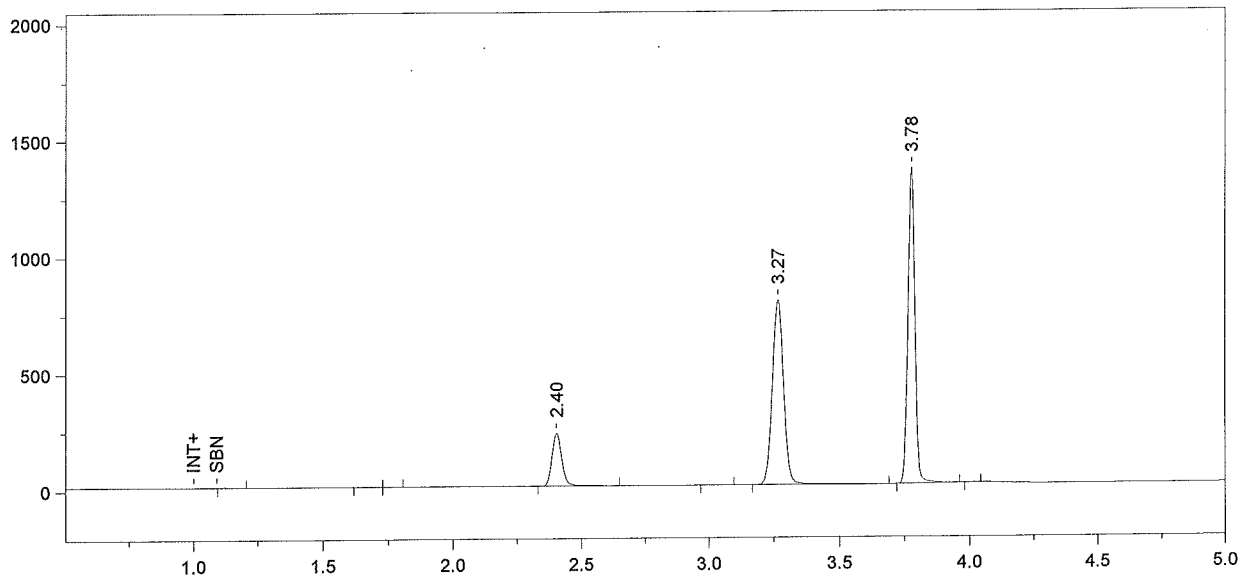
Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	--	0.000	0	0	Manual	4/11/2005 10:03:40 AM
2	0.02	168986.3	8449315	-3.669	0.02	0.0481379	C:\Alcohol Data\Sim020910\Sim020910a.0003.BND	2/12/2010 3:25:33 PM
3	0.087	776424.7	8924422	0.512	0.087	0.2184899	C:\Alcohol Data\Sim020910\Sim020910a.0004.BND	2/12/2010 3:40:32 PM
4	0.202	1838382	9100901	-0.210	0.202	0.503651	C:\Alcohol Data\Sim020910\Sim020910a.0005.BND	2/12/2010 3:55:35 PM
5	0.408	3663701	8979659	0.037	0.408	1.019798	C:\Alcohol Data\Sim020910\Sim020910a.0006.BND	2/12/2010 4:10:36 PM



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 2/16/2010
Today's Time = 5:00:59 PM
Bound File Name = Sim020910a.0007.RAW
Sample Name = CCS
Date Taken = 2/12/2010 4:25:39 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

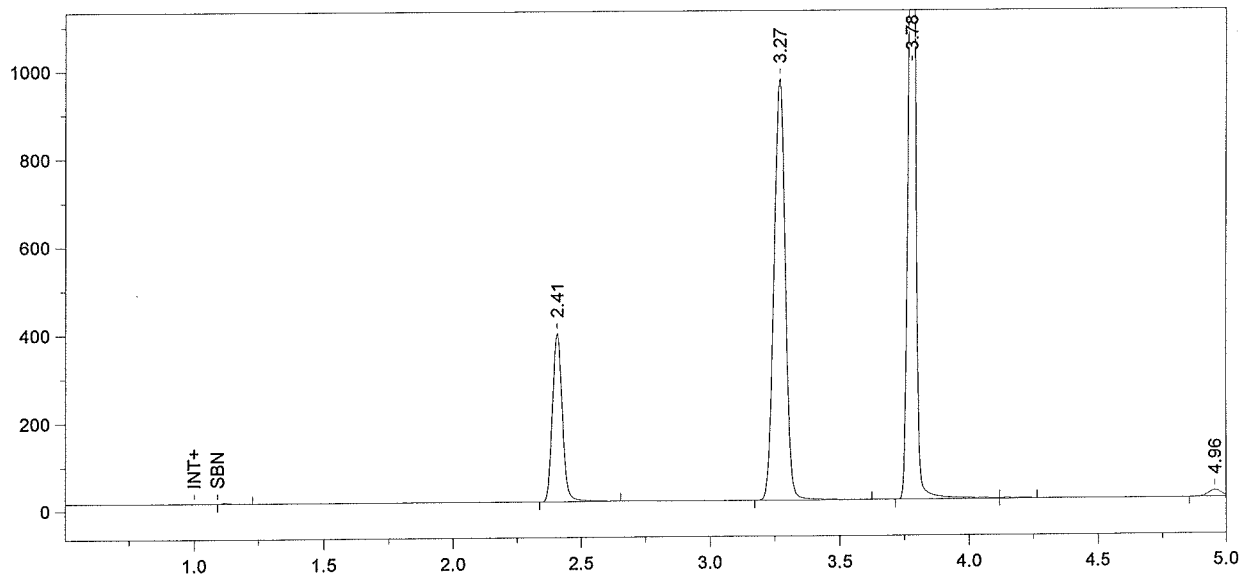
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.40	Ethanol	696053	0.0951
5	3.26	t-Butanol	2529939	1.0037
6	3.77	n-Propanol	2928410	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 2/12/2010
Today's Time = 5:20:46 PM
Bound File Name = Sim020910a.0008.RAW
Sample Name = CCS
Date Taken = 2/12/2010 5:20:43 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

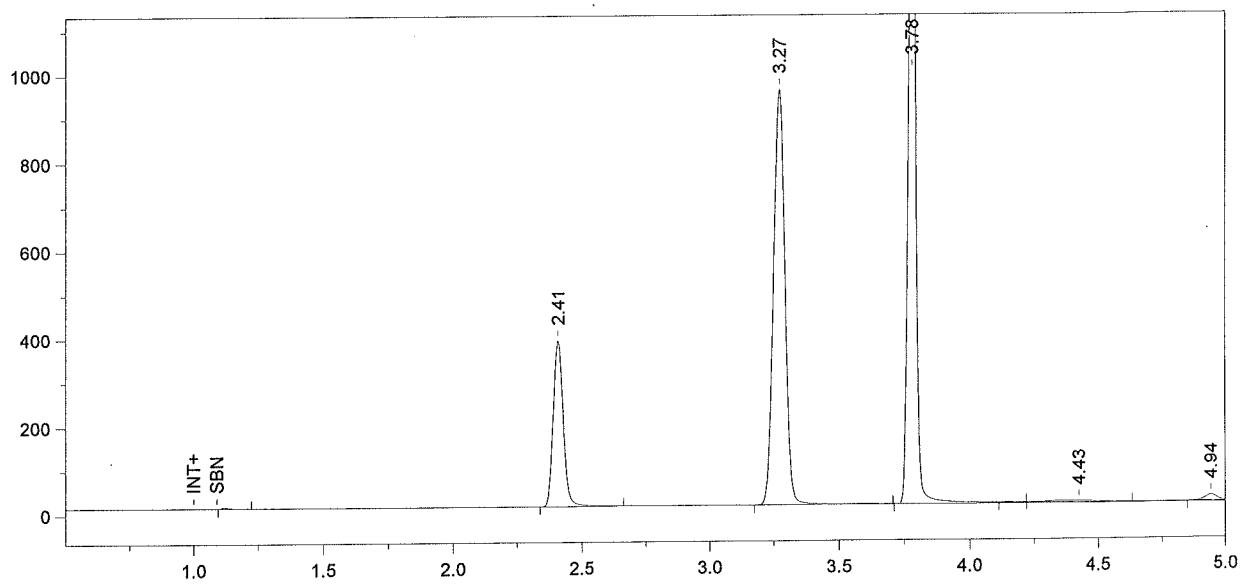
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.40	Ethanol	605447	0.0957
6	3.27	t-Butanol	2396683	1.0994
7	3.78	n-Propanol	2532750	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/12/2010
Today's Time = 5:35:45 PM
Bound File Name = Sim020910a.0009.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 2/12/2010 5:35:38 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

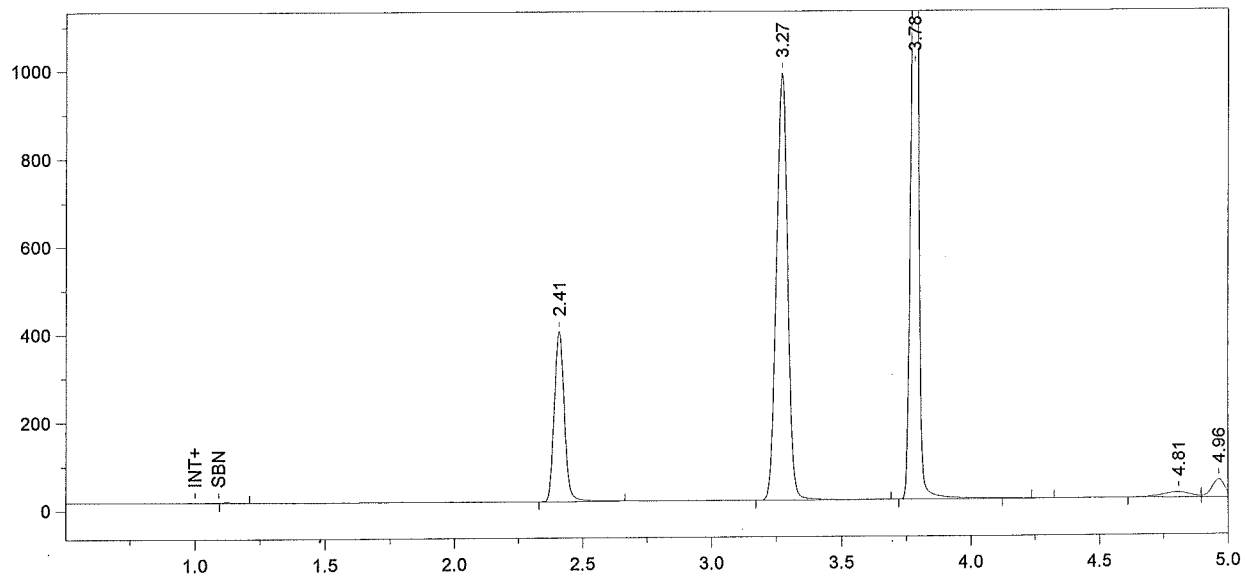
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.41	Ethanol	1030030	0.1242	0.1014
3	3.27	t-Butanol	2896582	1.0141	0.8277
4	3.78	n-Propanol	3318320	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/12/2010
Today's Time = 5:50:46 PM
Bound File Name = Sim020910a.0010.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 2/12/2010 5:50:40 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

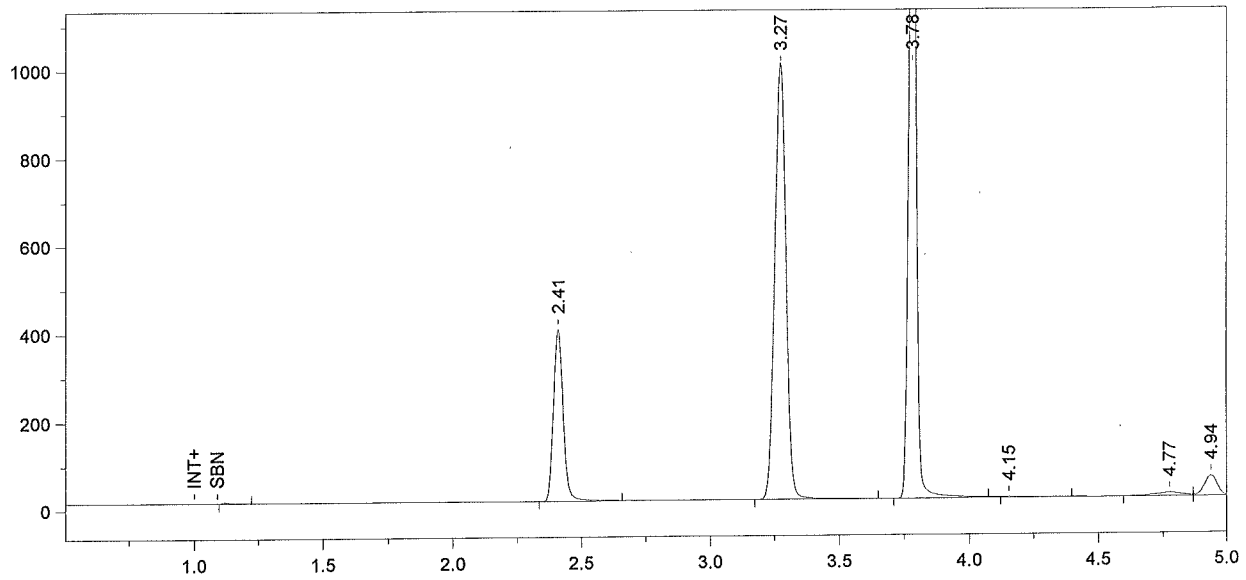
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.41	Ethanol	1014167	0.1189	0.0970
3	3.27	t-Butanol	2862423	0.9739	0.7949
4	3.78	n-Propanol	3414474	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/12/2010
Today's Time = 6:05:47 PM
Bound File Name = Sim020910a.0011.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 2/12/2010 6:05:41 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

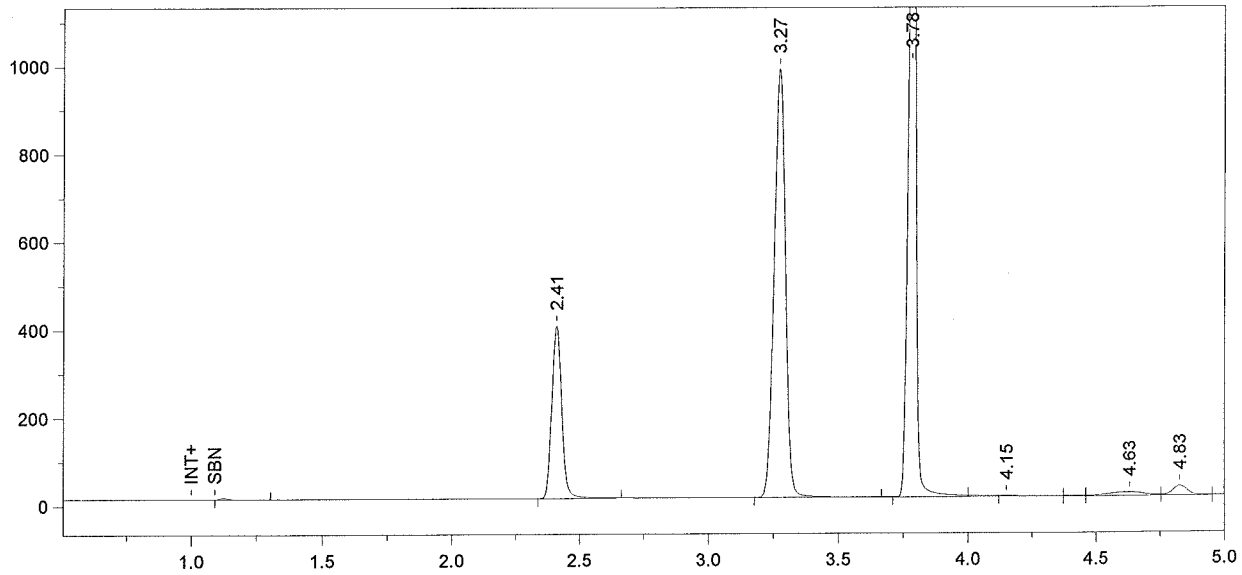
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.41	Ethanol	1040232	0.1235	0.1008
3	3.27	t-Butanol	2938730	1.0131	0.8269
4	3.78	n-Propanol	3369996	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/12/2010
Today's Time = 6:20:46 PM
Bound File Name = Sim020910a.0012.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 2/12/2010 6:20:42 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

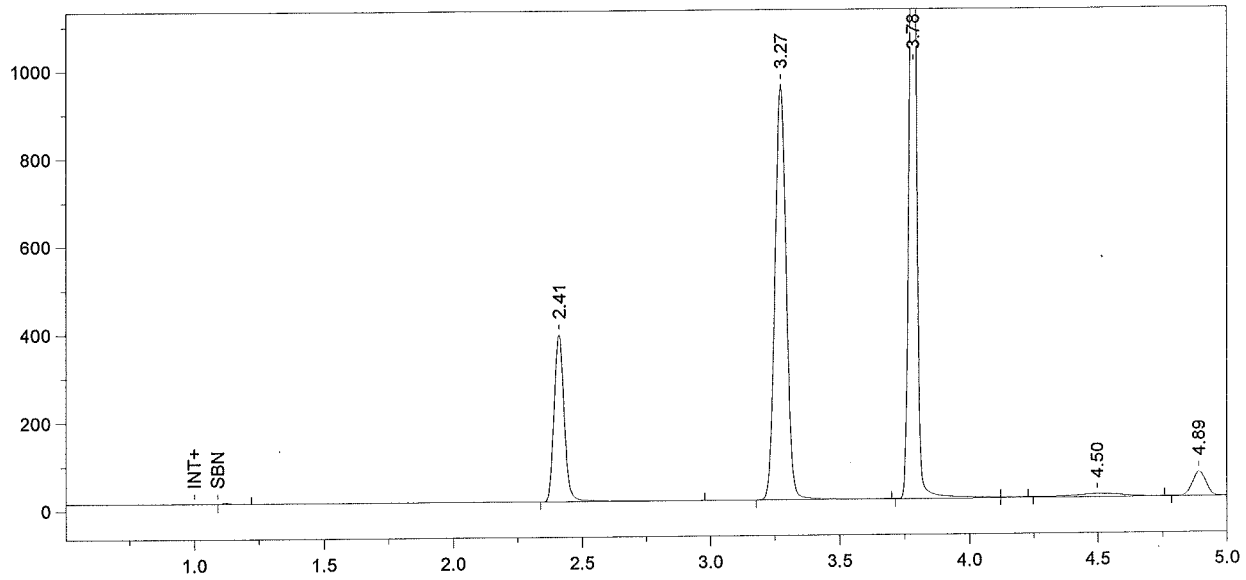
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.41	Ethanol	1048609	0.1220	0.0996
3	3.27	t-Butanol	3007549	1.0160	0.8293
4	3.78	n-Propanol	3439006	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/12/2010
Today's Time = 6:35:44 PM
Bound File Name = Sim020910a.0013.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 2/12/2010 6:35:42 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

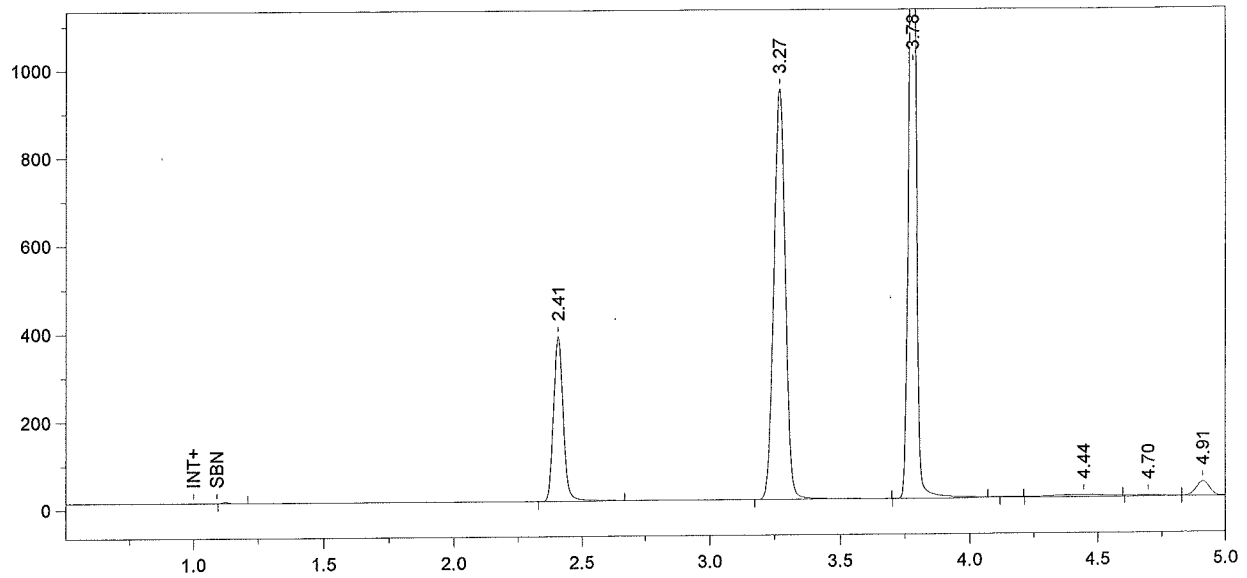
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.41	Ethanol	1054680	0.1245	0.1016
3	3.27	t-Butanol	2952414	1.0115	0.8256
4	3.78	n-Propanol	3390935	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/12/2010
Today's Time = 6:50:57 PM
Bound File Name = Sim020910a.0014.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 2/12/2010 6:50:55 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

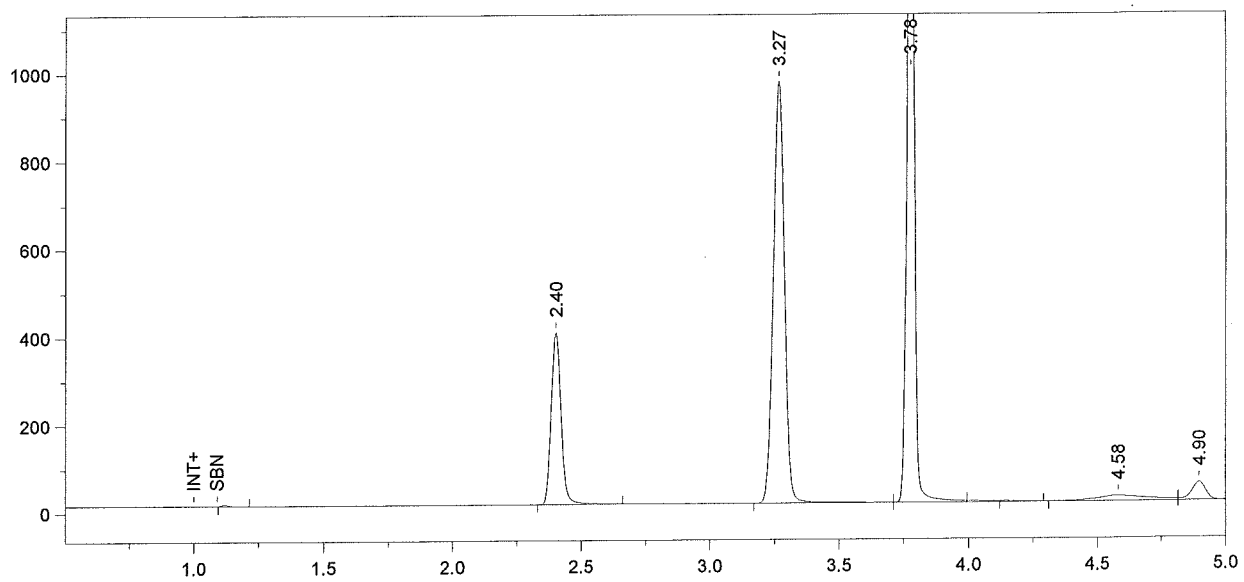
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.41	Ethanol	1034202	0.1256	0.1025
3	3.27	t-Butanol	2858163	1.0076	0.8224
4	3.78	n-Propanol	3295544	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/12/2010
Today's Time = 7:06:02 PM
Bound File Name = Sim020910a.0015.RAW
Sample Name = 0.10 Sim DMR
Date Taken = 2/12/2010 7:05:56 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

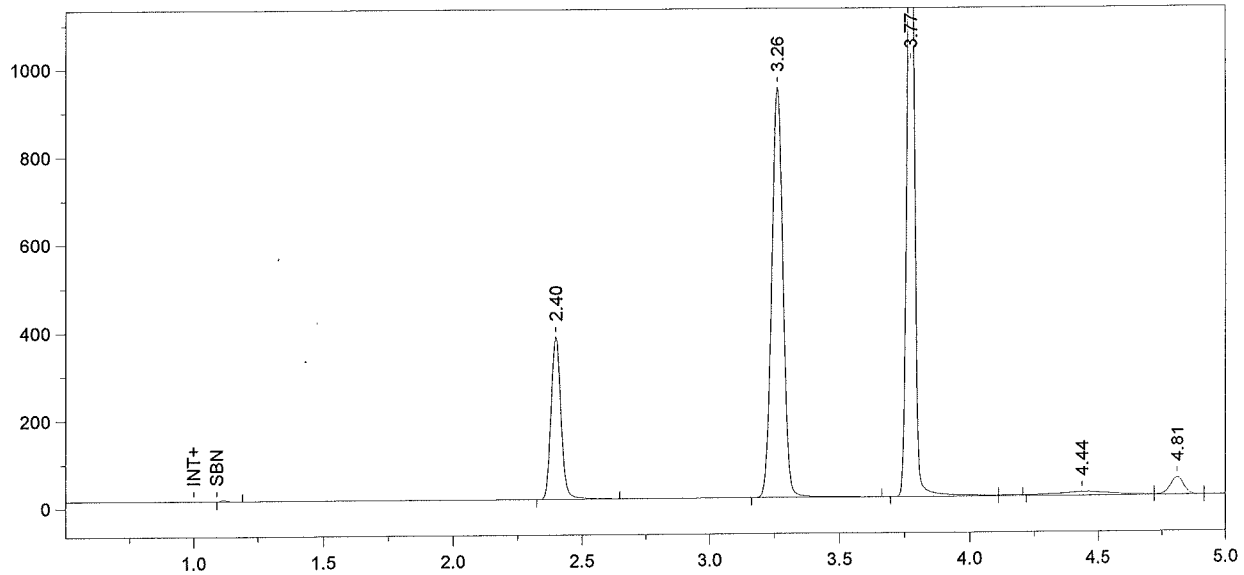
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.41	Ethanol	1004954	0.1239	0.1012
3	3.27	t-Butanol	2819641	1.0095	0.8239
4	3.78	n-Propanol	3244977	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/12/2010
Today's Time = 7:20:47 PM
Bound File Name = Sim020910a.0016.RAW
Sample Name = 0.10 Sim ALB
Date Taken = 2/12/2010 7:20:45 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.40	Ethanol	1053989	0.1267	0.1034
3	3.27	t-Butanol	2915370	1.0171	0.8301
4	3.78	n-Propanol	3330075	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/12/2010
Today's Time = 7:35:52 PM
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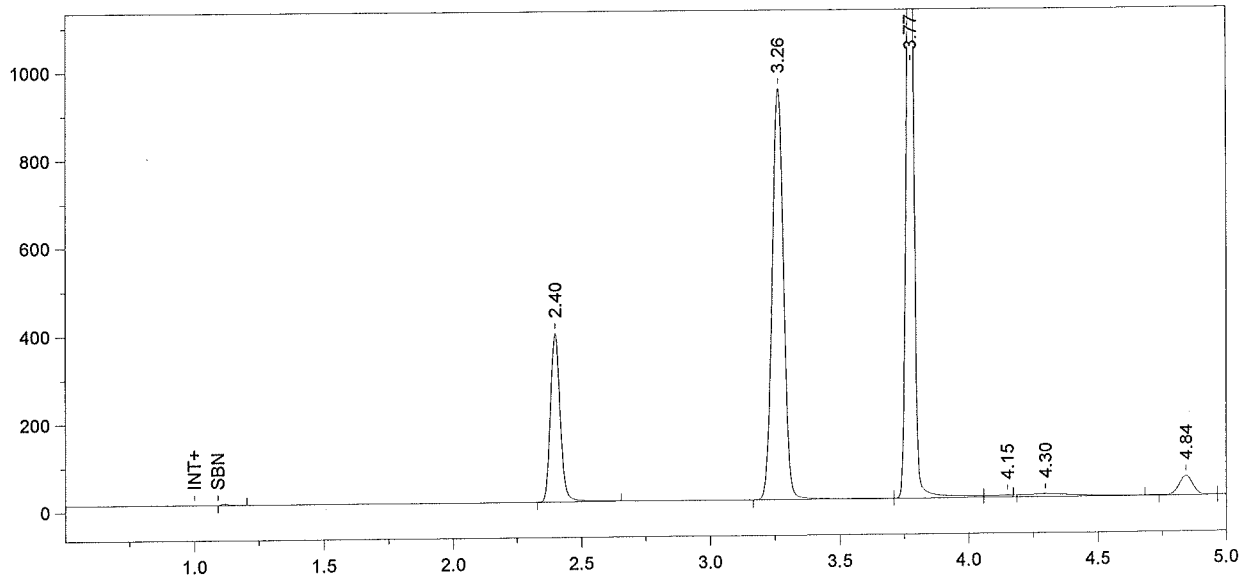
Sample Name = 0.10 Sim ALB
Date Taken = 2/12/2010 7:35:46 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.40	Ethanol	993350	0.1235	0.1008
3	3.26	t-Butanol	2840991	1.0253	0.8368
4	3.77	n-Propanol	3219253	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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Sample Name = 0.10 Sim ALB
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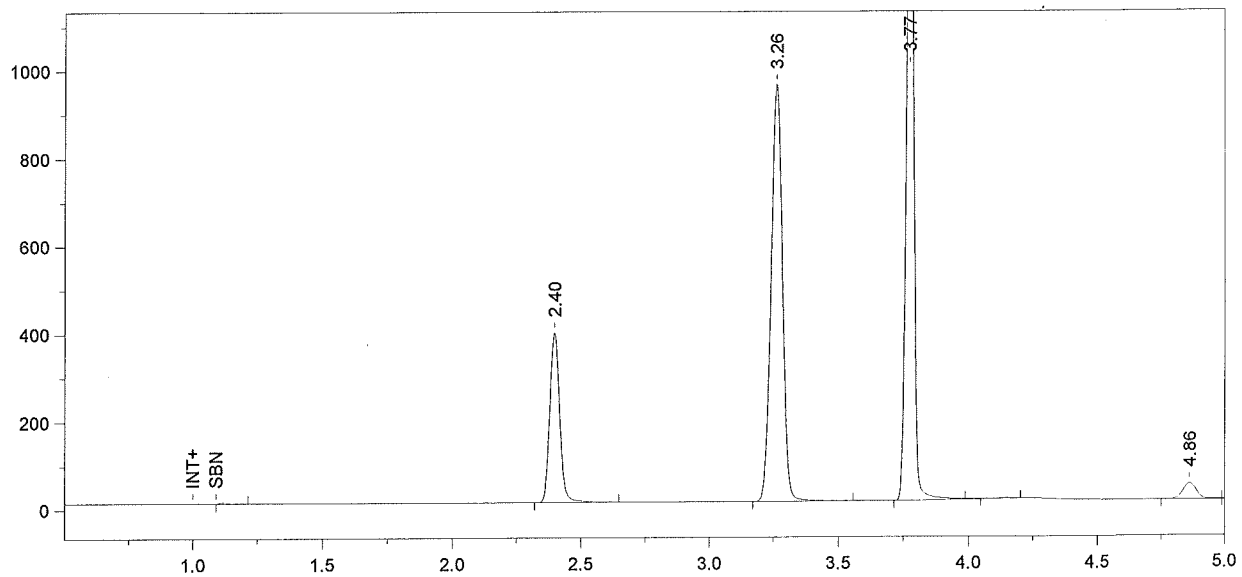
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

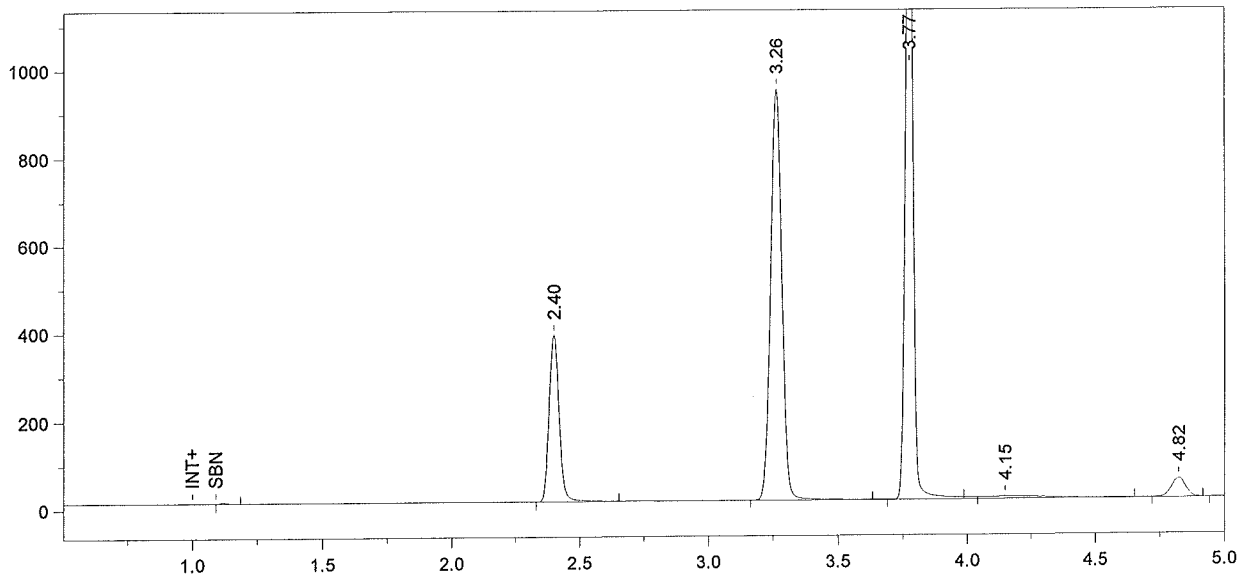
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.40	Ethanol	1028589	0.1255	0.1025
3	3.26	t-Butanol	2852766	1.0107	0.8249
4	3.77	n-Propanol	3279155	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/12/2010
Today's Time = 8:05:55 PM
Bound File Name = Sim020910a.0019.RAW
Sample Name = 0.10 Sim ALB
Date Taken = 2/12/2010 8:05:48 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

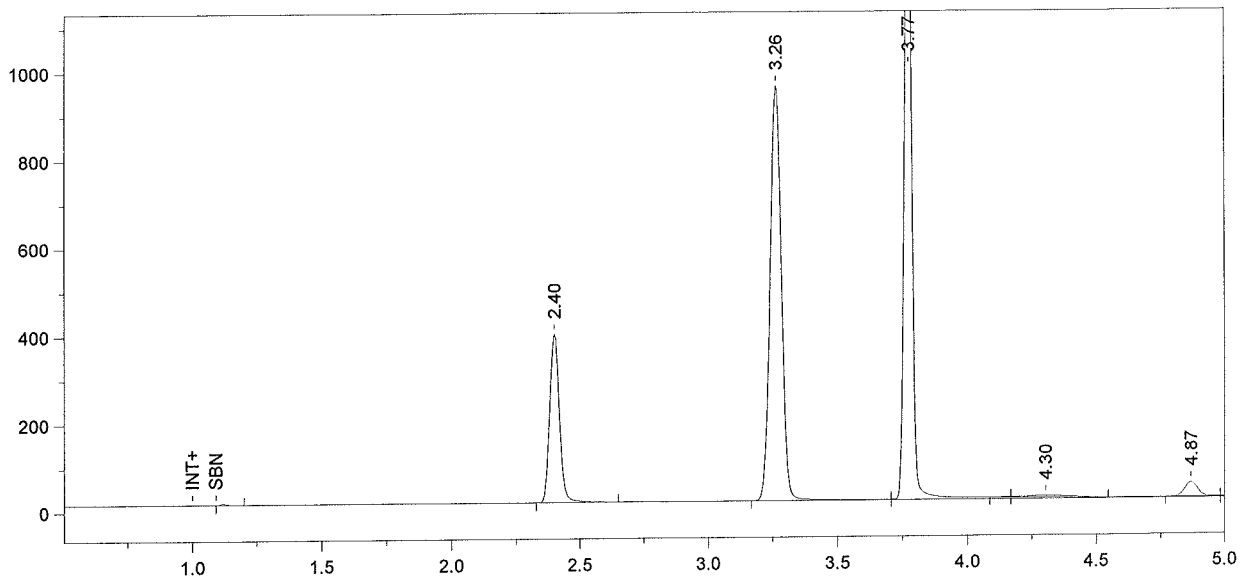
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.40	Ethanol	1036201	0.1257	0.1026
3	3.26	t-Butanol	2881565	1.0150	0.8284
4	3.77	n-Propanol	3298349	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/12/2010
Today's Time = 8:20:52 PM
Bound File Name = Sim020910a.0020.RAW
Sample Name = 0.10 Sim ALB
Date Taken = 2/12/2010 8:20:51 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.40	Ethanol	1013053	0.1242	0.1014
3	3.26	t-Butanol	2844544	1.0124	0.8263
4	3.77	n-Propanol	3264269	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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Today's Time = 8:35:57 PM
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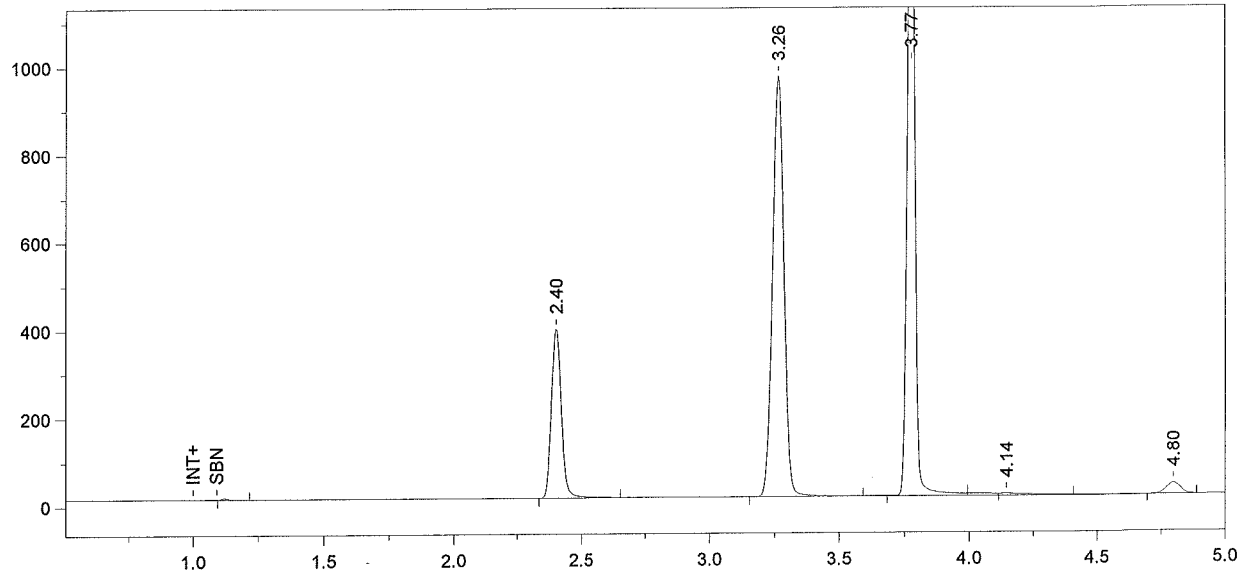
Sample Name = 0.10 Sim ALB
Date Taken = 2/12/2010 8:35:51 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.40	Ethanol	1025525	0.1199	0.0979
3	3.26	t-Butanol	2873117	0.9753	0.7960
4	3.77	n-Propanol	3422545	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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Sample Name = 0.10 Sim ALB
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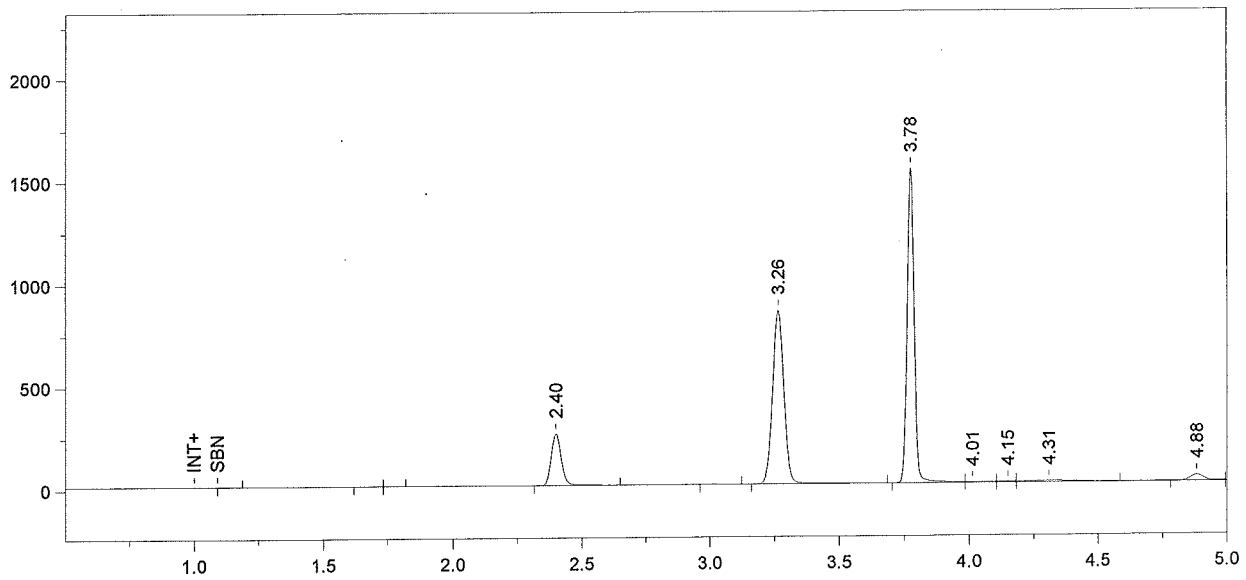
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.40	Ethanol	1029259	0.1238	0.1010
3	3.26	t-Butanol	2906921	1.0150	0.8284
4	3.77	n-Propanol	3327316	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

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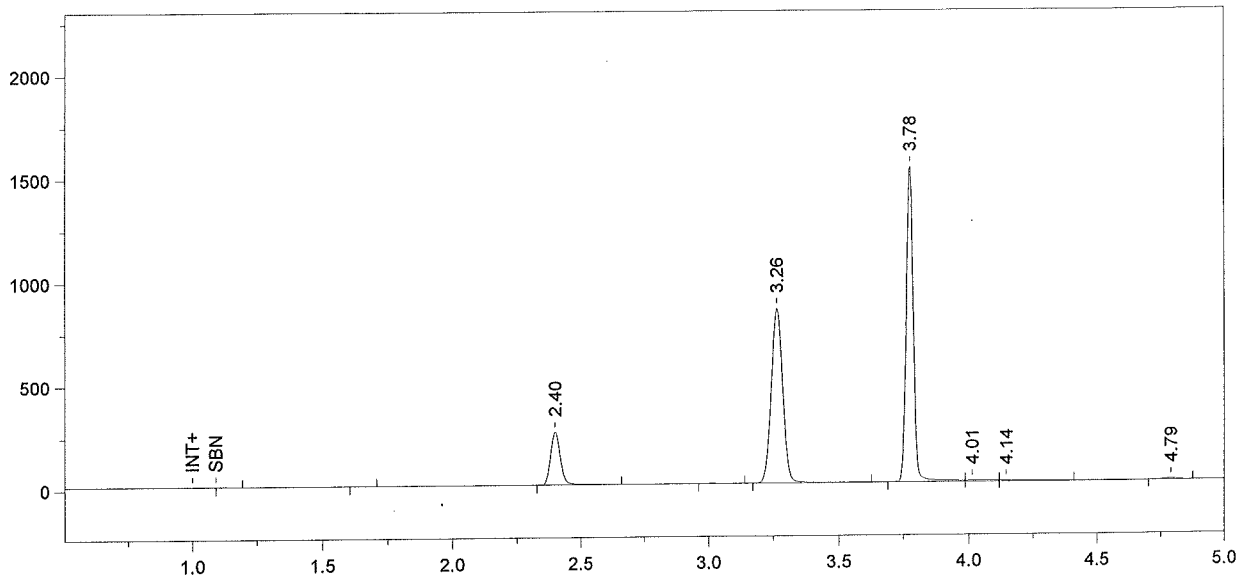
Bound File Name = Sim020910a.0023.RAW
Sample Name = CCS
Date Taken = 2/12/2010 9:05:54 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.40	Ethanol	684009	0.0933
6	3.26	t-Butanol	2573419	1.0189
7	3.78	n-Propanol	2934277	1.0000



Format File Name = Alcohol4-JFH.met.FMT

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Today's Time = 9:20:58 PM
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Sample Name = CCS
Date Taken = 2/12/2010 9:20:53 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 213

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.40	Ethanol	692425	0.0944
5	3.26	t-Butanol	2571858	1.0178
6	3.78	n-Propanol	2935624	1.0000