Vermont Department of Health Laboratory
Toxicology Program

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Certificate of Analysis of DataMaster Calibration Solution

On 2/2/2010, an ethanol solution was prepared by Darcy Richardson for use as a DataMaster Calibration solution. The solution was prepared per standard laboratory practice and assigned the lot number 10-22-100 and an expiration date of 2/2/2011.

On 2/2/2010, 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 0.101 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Calibration solution.

Dated at Burlington, Vermont on Wednesday, February 03, 2010.

Darcy Richardson

Lot # 10-22-100

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

Analyzed on 2/2/2010
analyzed by DMR and ALB

			Target	**0.101**
0.1006	0.1044		Std Dev	0.001581
0.1015	0.1006			
0.1012	0.1043			
0.1008	0.1043			
0.1025	0.1038			
0.1008	0.0997			
0.1017	0.1055			
0.1004	0.1040			
0.1021	0.1034			
0.1007	0.1040			
0.1005	0.1036			
0.1014	0.0970			
0.1020	0.1002			
0.1012	**0.1027**	mean		
0.00068	0.002481	std dev		

Reviewed
2/3/10

2 outliers removed, beyond 3 std deviations from the mean.

File Name: C:\Methods\BloodAlcohol4.cal
Version: 200

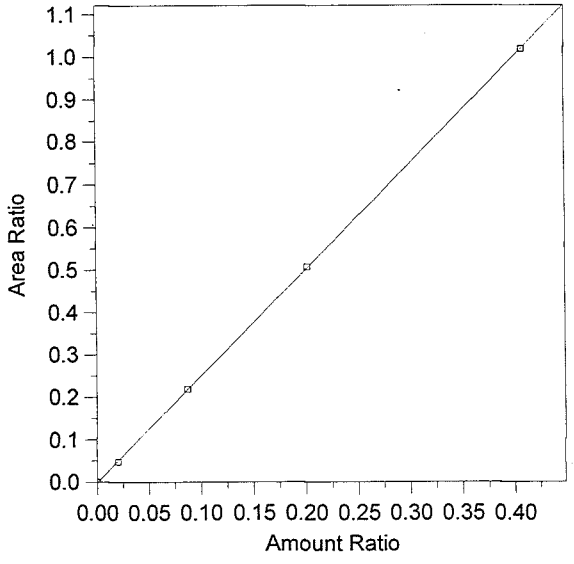
Creator:
Description:
Reason for change:

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:	2.517 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

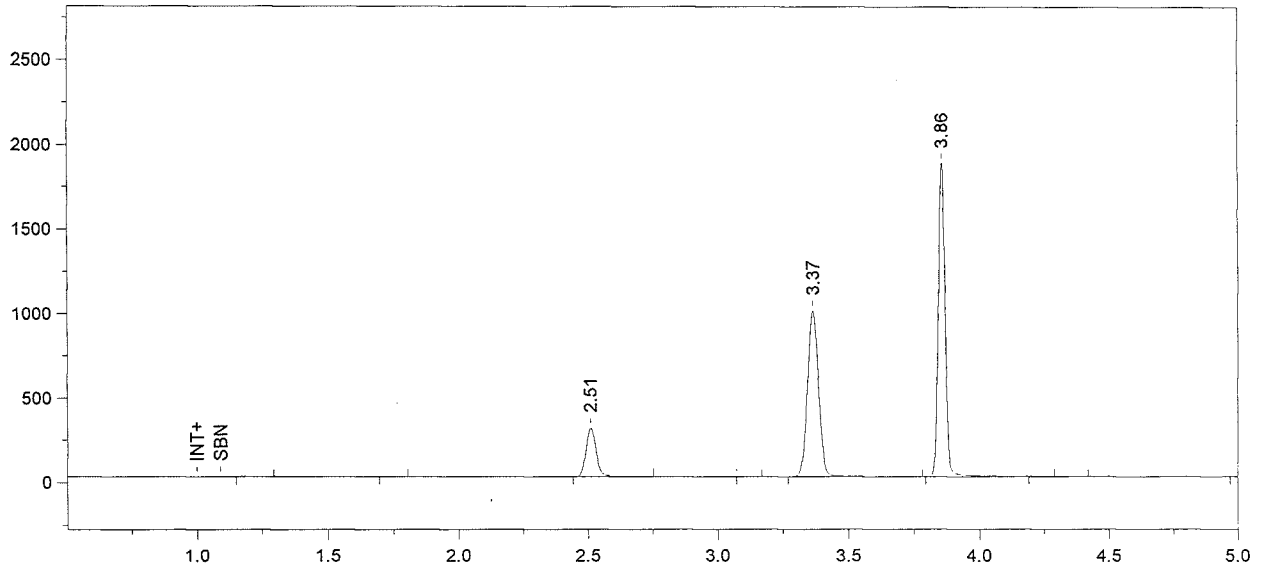
Single peak quantification by area

Y = 2.500024 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9999831
Average error:	1.143%
Average CF:	1.980499
RSD:	55.968%

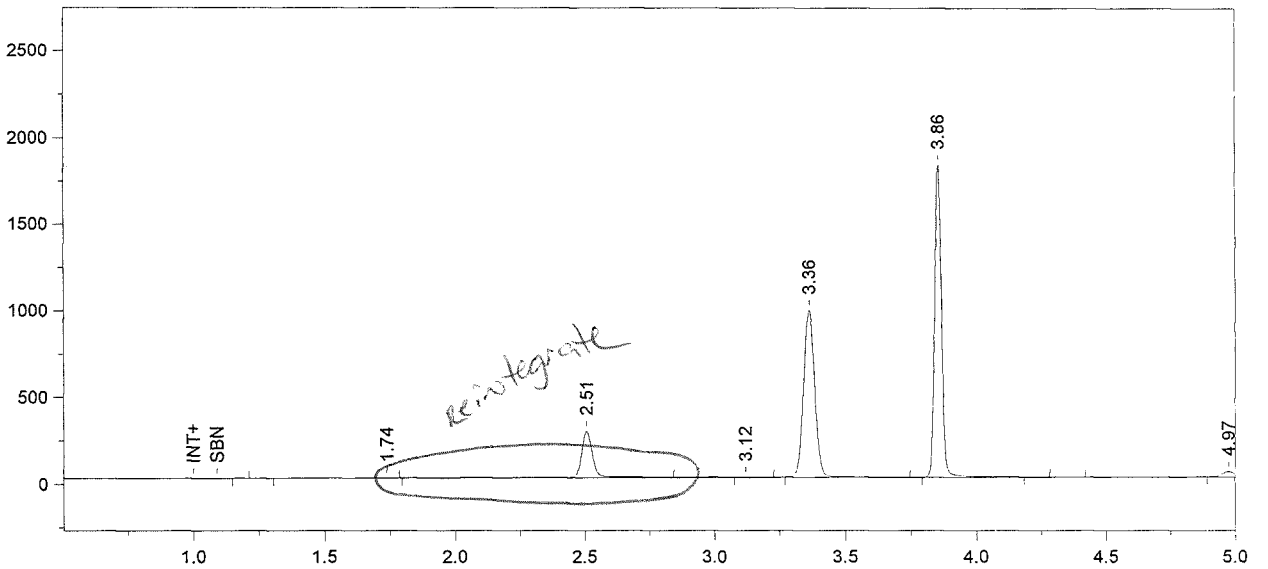
Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	--	0.000	0	0	Manual	4/11/2005 10:03:40 AM
2	0.02	166991.6	8349580	-4.701	0.02	4.765006E-02	C:\Alcohol Data\Sim020210\Sim020210a.0003.BND	2/2/2010 4:24:58 PM
3	0.087	772384.1	8877979	0.515	0.087	0.2186215	C:\Alcohol Data\Sim020210\Sim020210a.0004.BND	2/2/2010 4:39:57 PM
4	0.202	1798918	8905534	0.390	0.202	0.5069731	C:\Alcohol Data\Sim020210\Sim020210a.0005.BND	2/2/2010 4:54:59 PM
5	0.408	3574384	8760745	-0.108	0.408	1.018912	C:\Alcohol Data\Sim020210\Sim020210a.0006.BND	2/2/2010 5:09:56 PM



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 5:25:10 PM
Bound File Name = Sim020210a.0007.RAW
Sample Name = CCS
Date Taken = 2/2/2010 5:25:08 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 200

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.51	Ethanol	783228	0.0922
5	3.37	t-Butanol	2884873	0.9959
6	3.86	n-Propanol	3397558	1.0000



Format File Name = Alcohol4-JFH.met.FMT

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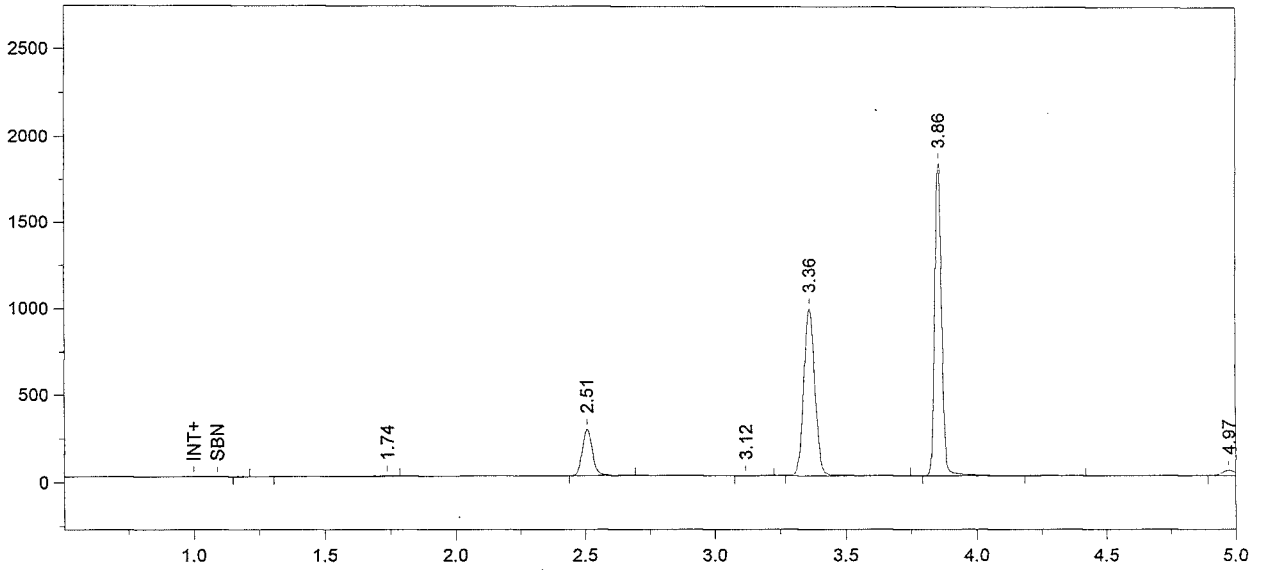
Today's Time = 5:40:12 PM
Bound File Name = Sim020210a.0008.RAW
Sample Name = CCS
Date Taken = 2/2/2010 5:40:08 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 200

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	1.74	Acetaldehyde	22985	<0.005
3	2.51	Ethanol	896306	0.1081
4	3.12	Isopropanol	16938	<0.005
5	3.36	t-Butanol	2875469	1.0168
6	3.86	n-Propanol	3316926	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 2/3/2010
Today's Time = 9:17:27 AM
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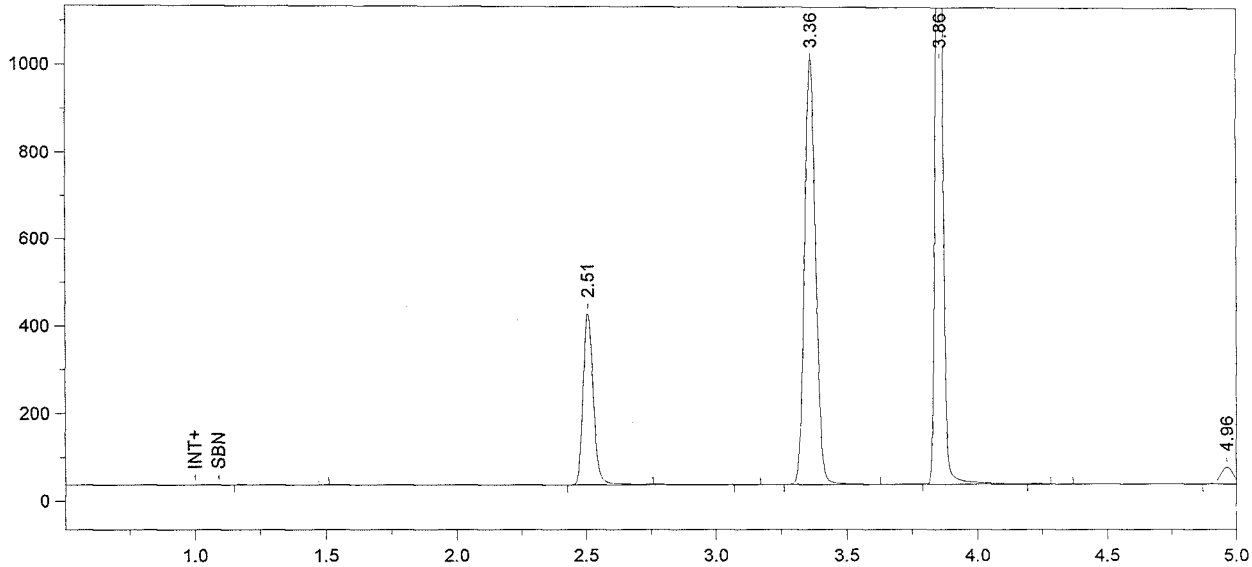
Sample Name = CCS
Date Taken = 2/2/2010 5:40:08 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 200

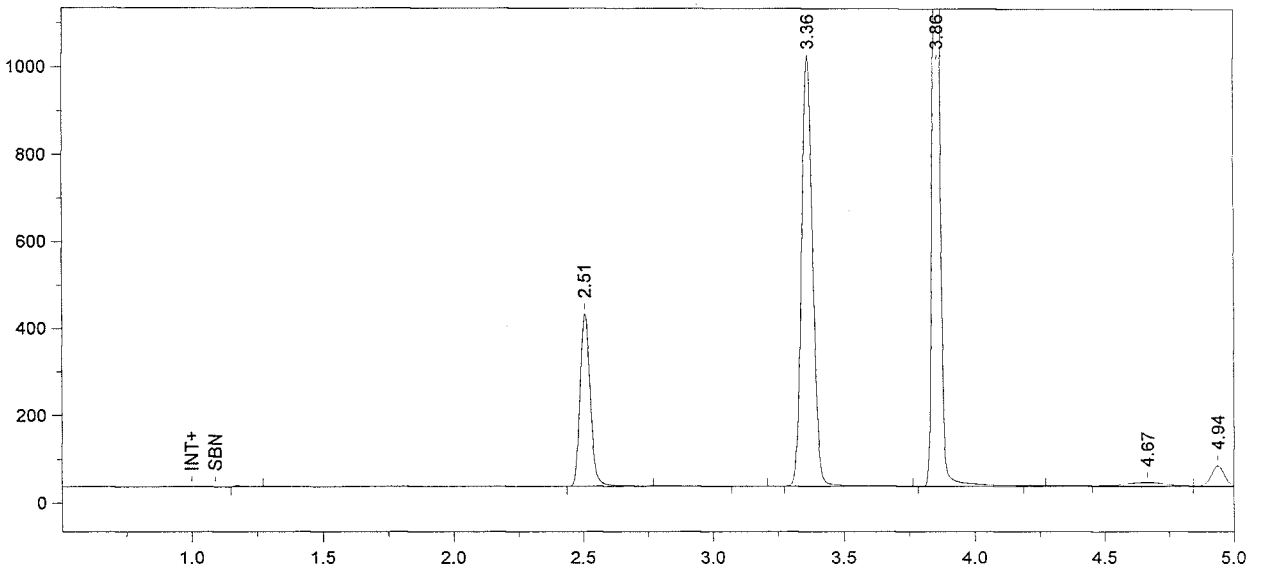
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	1.74	Acetaldehyde	22985	<0.005
3	2.51	Ethanol	725527	0.0877
4	3.12	Isopropanol	16938	<0.005
5	3.36	t-Butanol	2875469	1.0192
6	3.86	n-Propanol	3309233	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 5:54:59 PM
Bound File Name = Sim020210a.0009.RAW
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 5:54:57 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 200

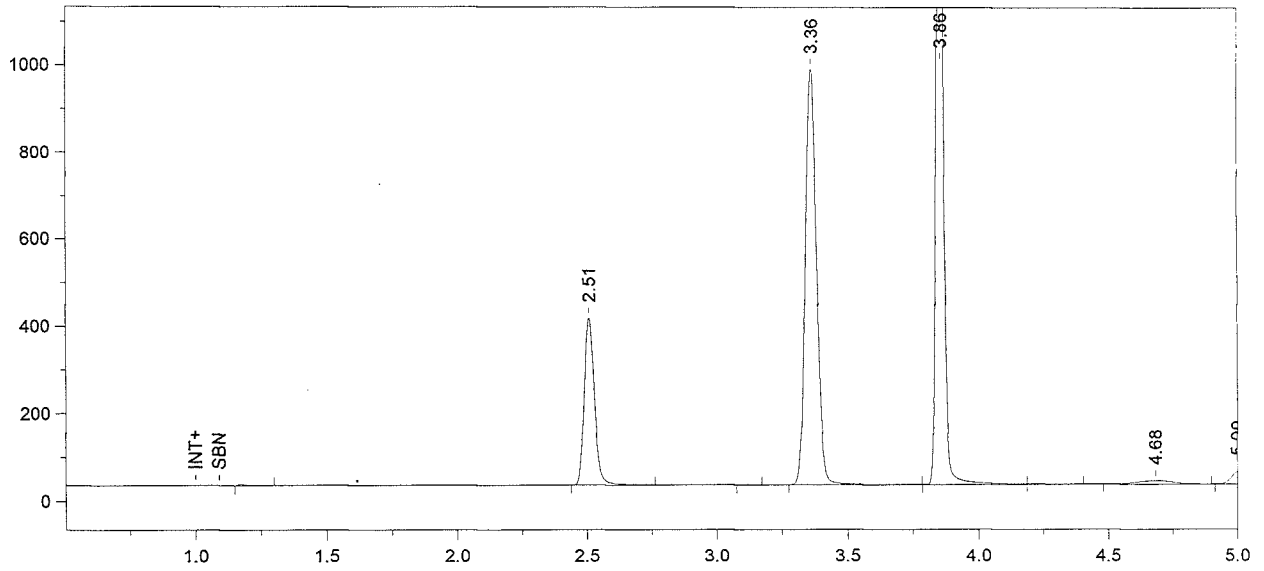
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1080633	0.1279	0.1044
4	3.36	t-Butanol	2880606	0.9995	0.8158
5	3.86	n-Propanol	3380487	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 6:10:06 PM
Bound File Name = Sim020210a.0010.RAW
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 6:09:58 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 200

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1095092	0.1232	0.1006
4	3.36	t-Butanol	2931920	0.9672	0.7894
5	3.86	n-Propanol	3555617	1.0000	0.8162



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Today's Date = 2/2/2010 Today's Time = 6:25:03 PM
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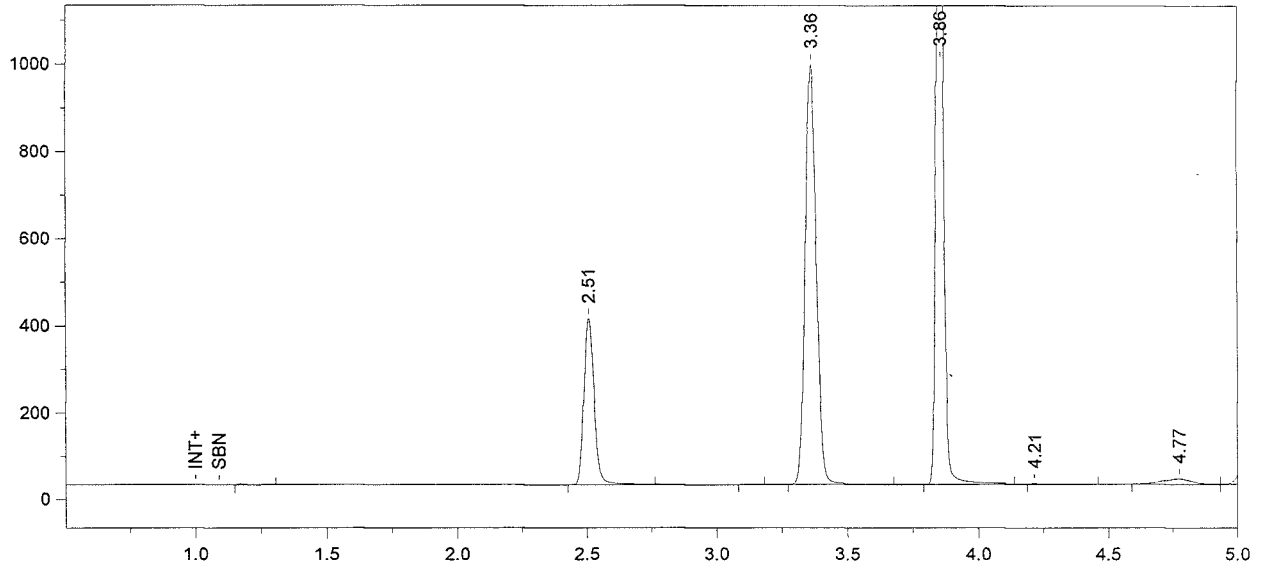
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 6:25:00 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 200

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1056145	0.1278	0.1043
4	3.36	t-Butanol	2825328	1.0022	0.8180
5	3.86	n-Propanol	3306543	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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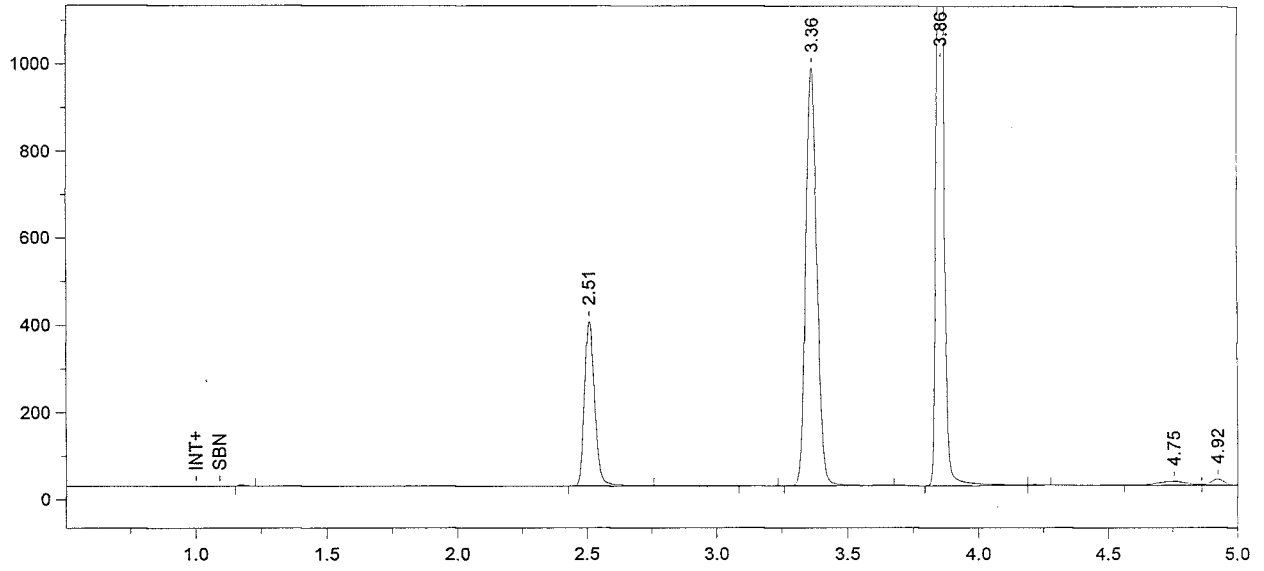
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 6:40:01 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 200

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1061718	0.1278	0.1043
4	3.36	t-Butanol	2846859	1.0045	0.8199
5	3.86	n-Propanol	3324240	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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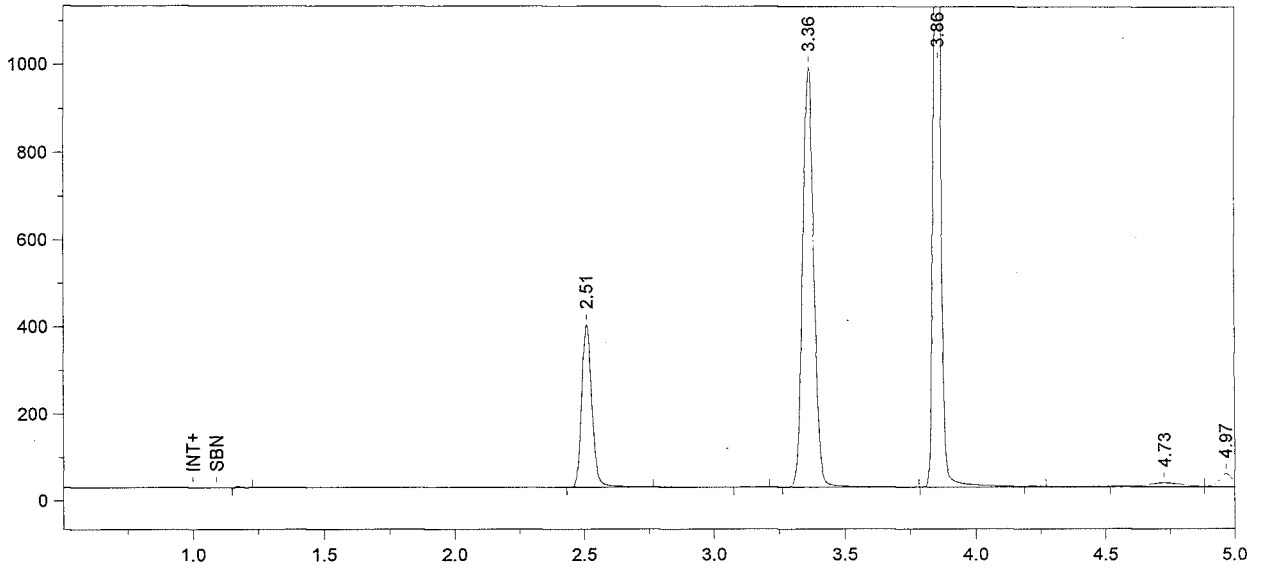
Bound File Name = Sim020210a.0013.RAW
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 6:55:05 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 200

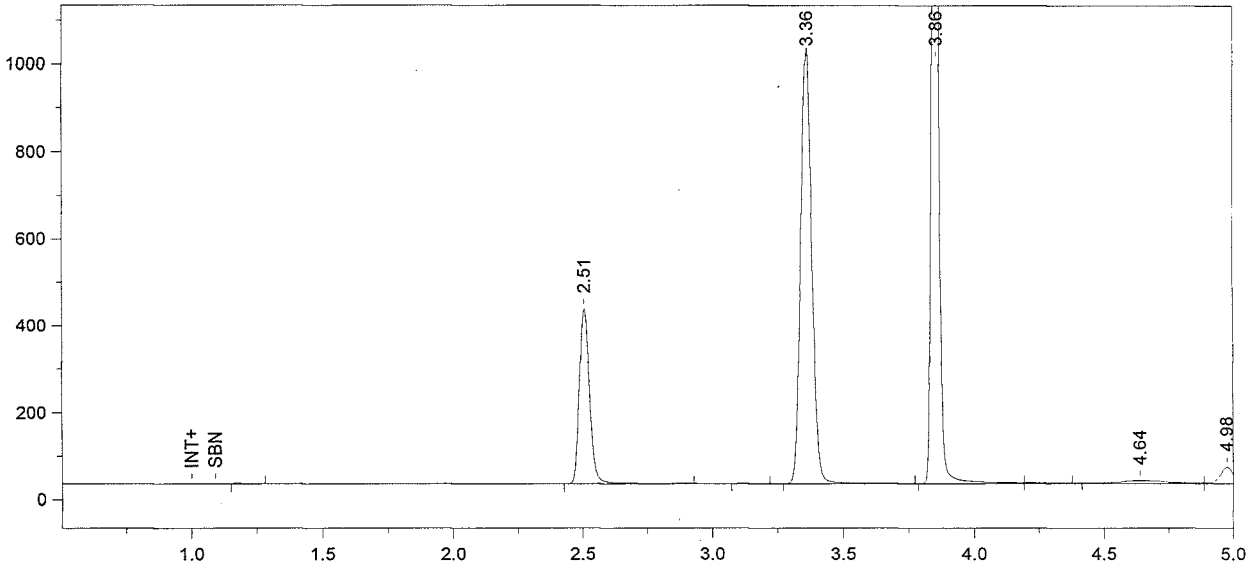
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1044323	0.1272	0.1038
4	3.36	t-Butanol	2826716	1.0095	0.8239
5	3.86	n-Propanol	3284454	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 7:10:13 PM
Bound File Name = Sim020210a.0014.RAW
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 7:10:06 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 200

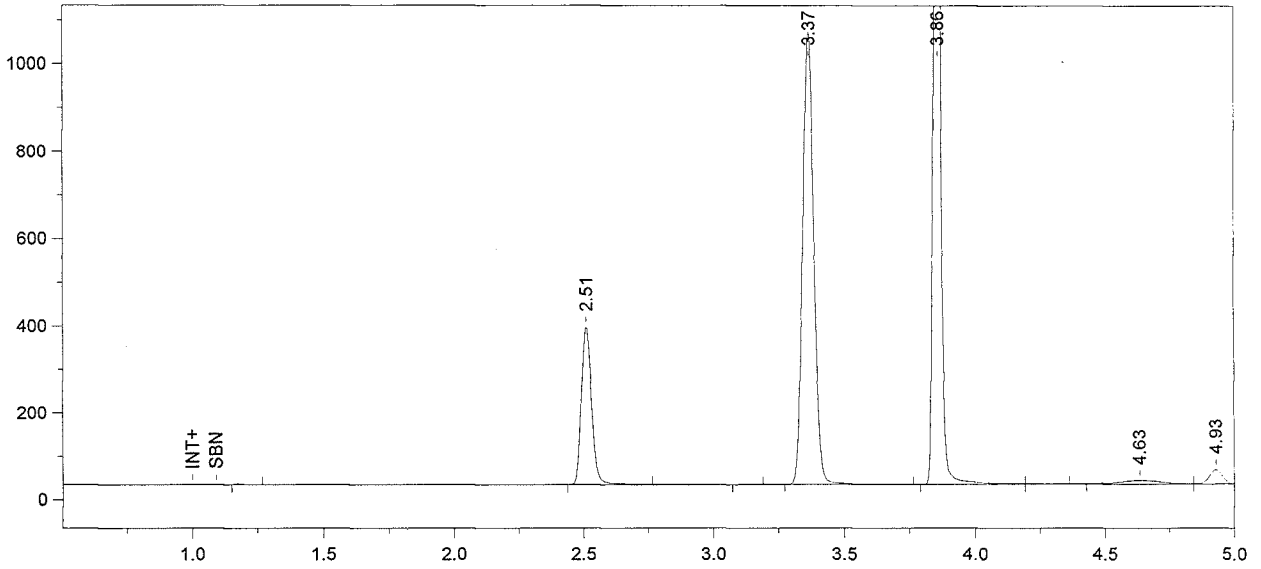
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1034209	0.1221	0.0997
4	3.36	t-Butanol	2859462	0.9901	0.8081
5	3.86	n-Propanol	3387604	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 7:25:12 PM
Bound File Name = Sim020210a.0015.RAW
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 7:25:08 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 200

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1115365	0.1293	0.1055
4	3.36	t-Butanol	2959120	1.0059	0.8210
5	3.86	n-Propanol	3450318	1.0000	0.8162

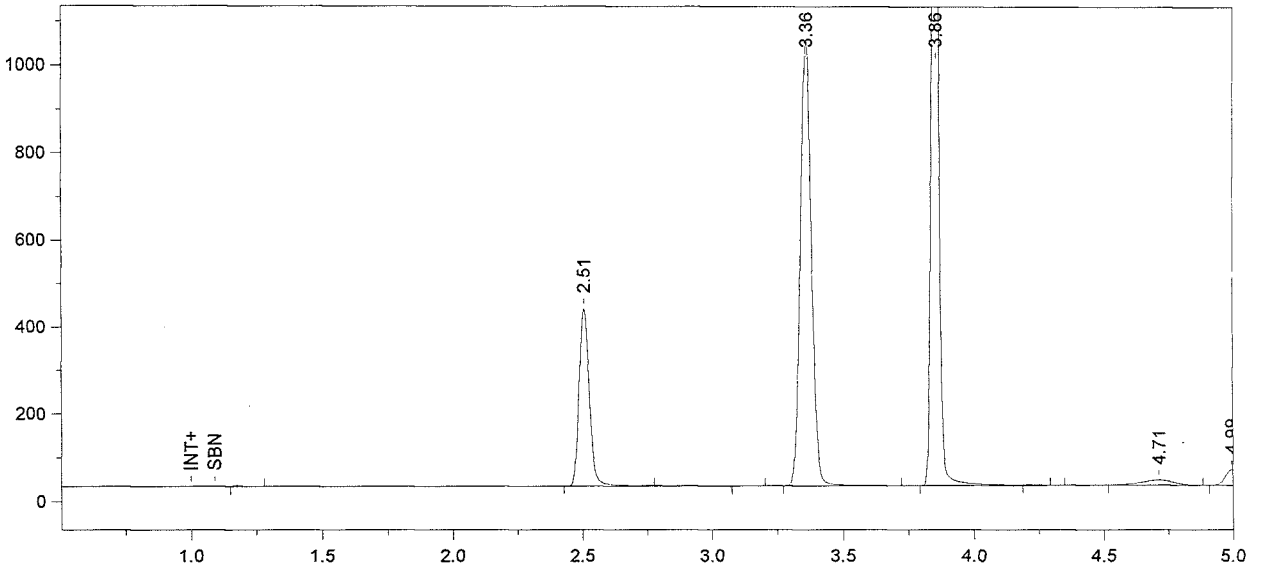


Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 7:40:15 PM
Bound File Name = Sim020210a.0016.RAW
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 7:40:09 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 200

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1003628	0.1121	0.0915
4	3.37	t-Butanol	3063268	1.0037	0.8192
5	3.86	n-Propanol	3579698	1.0000	0.8162

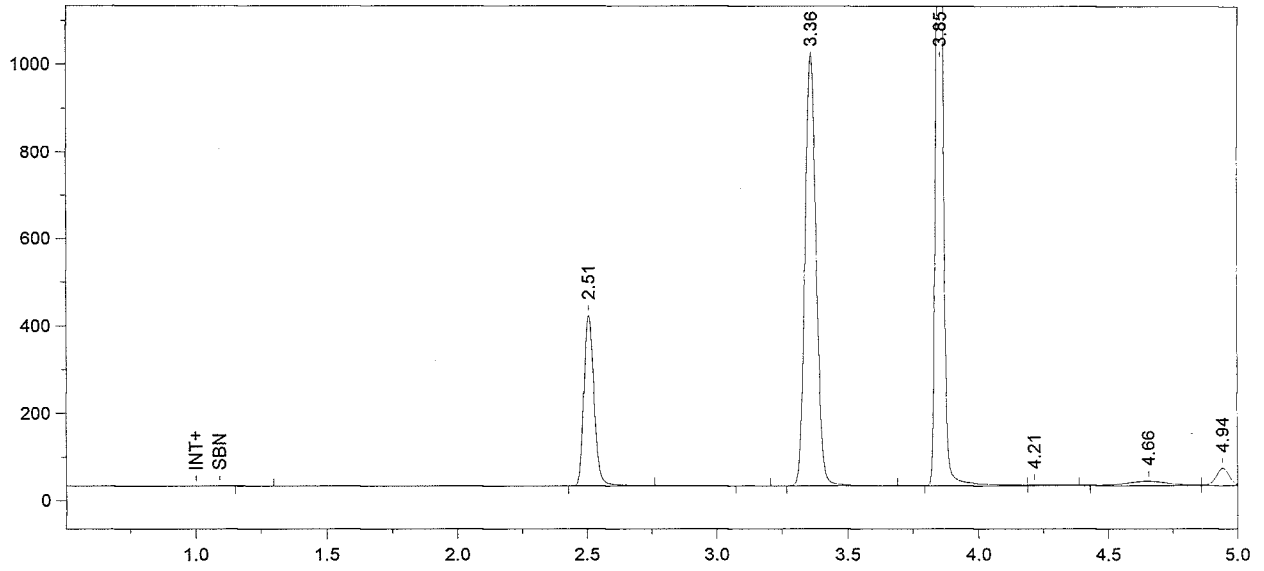
outlier removed from average DMR 2/3/10



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 7:55:16 PM
Bound File Name = Sim020210a.0017.RAW
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 7:55:11 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 200

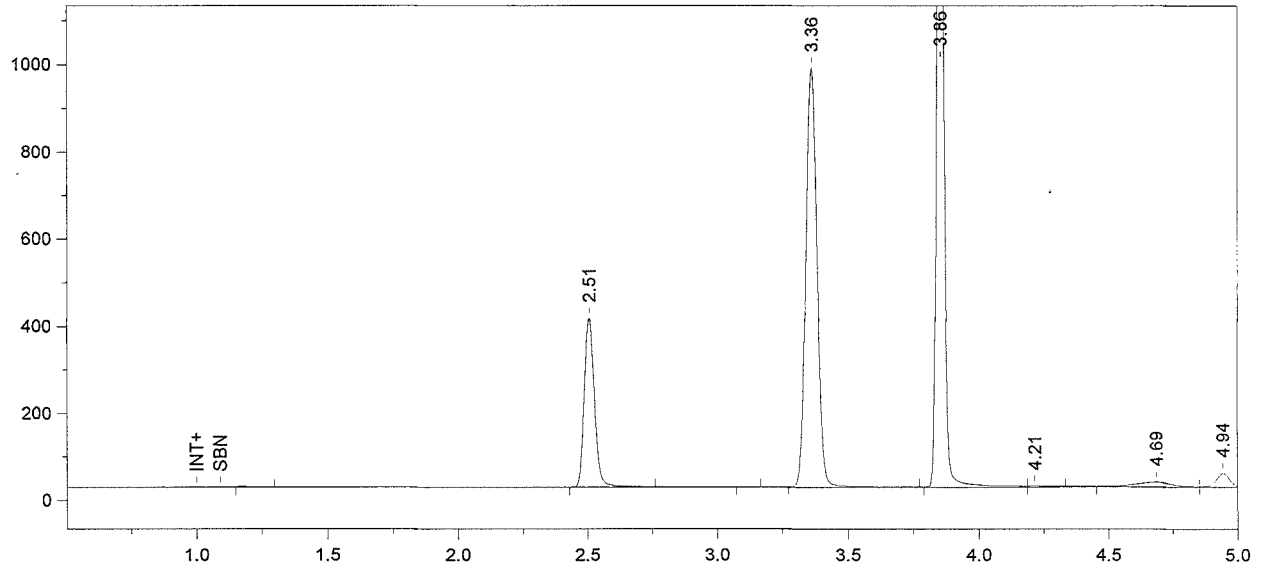
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1124665	0.1274	0.1040
4	3.36	t-Butanol	3014715	1.0016	0.8175
5	3.86	n-Propanol	3530517	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 8:10:13 PM
Bound File Name = Sim020210a.0018.RAW
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 8:10:11 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 200

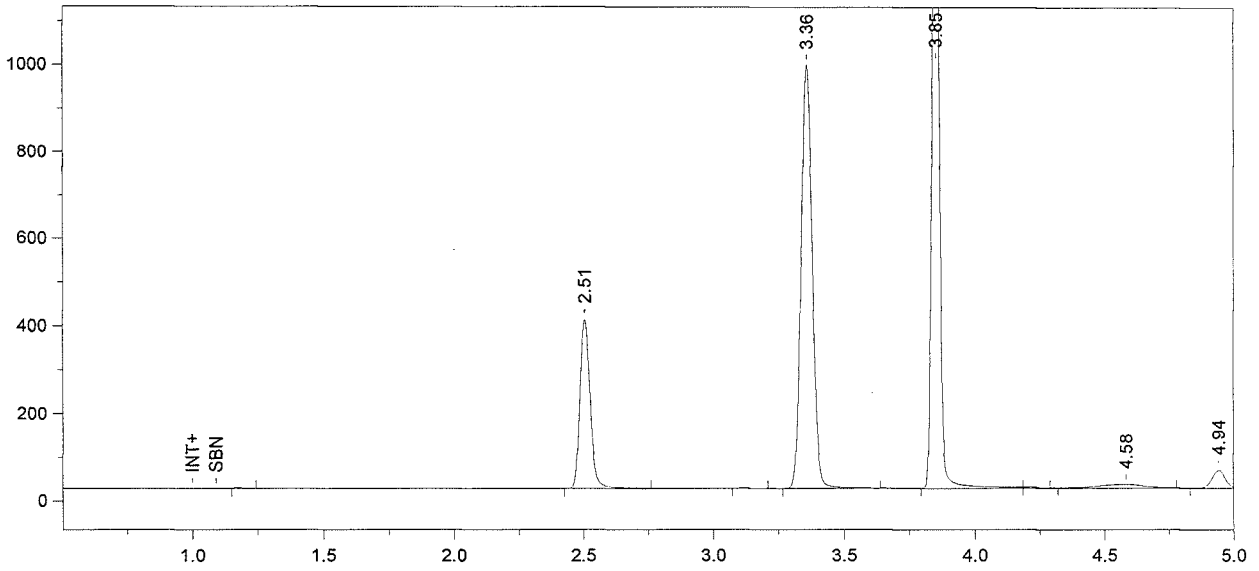
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1077016	0.1267	0.1034
4	3.36	t-Butanol	2932227	1.0116	0.8257
5	3.85	n-Propanol	3399757	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 8:25:31 PM
Bound File Name = Sim020210a.0019.RAW
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 8:25:24 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 200

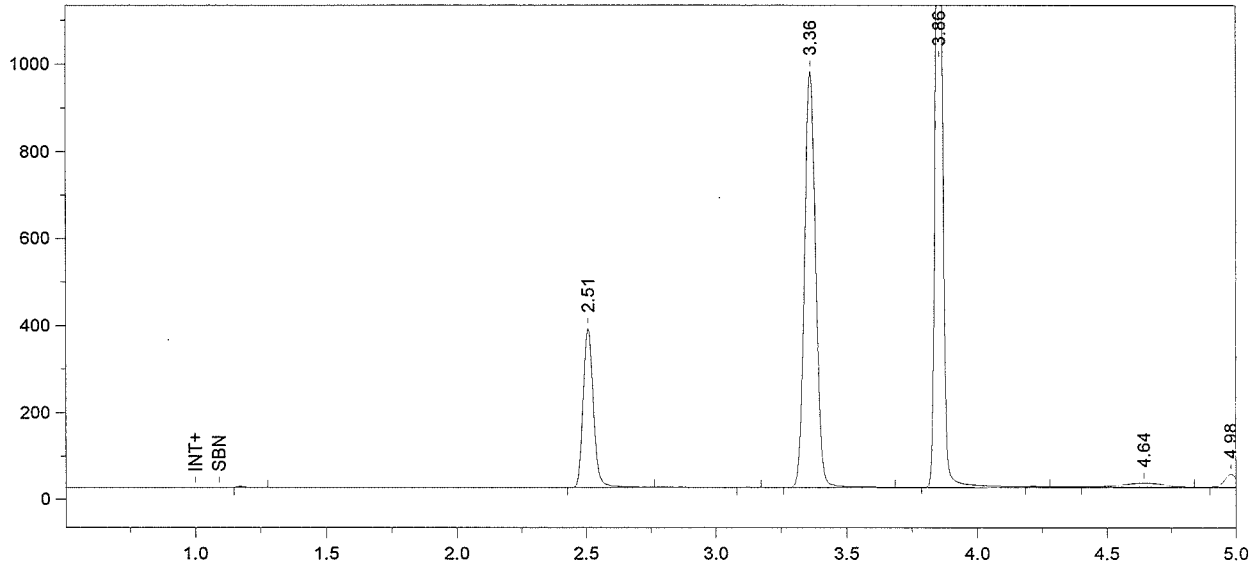
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1072682	0.1274	0.1040
4	3.36	t-Butanol	2859737	0.9962	0.8131
5	3.86	n-Propanol	3366927	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 8:40:30 PM
Bound File Name = Sim020210a.0020.RAW
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 8:40:26 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 200

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1066548	0.1269	0.1036
4	3.36	t-Butanol	2874585	1.0029	0.8186
5	3.85	n-Propanol	3361937	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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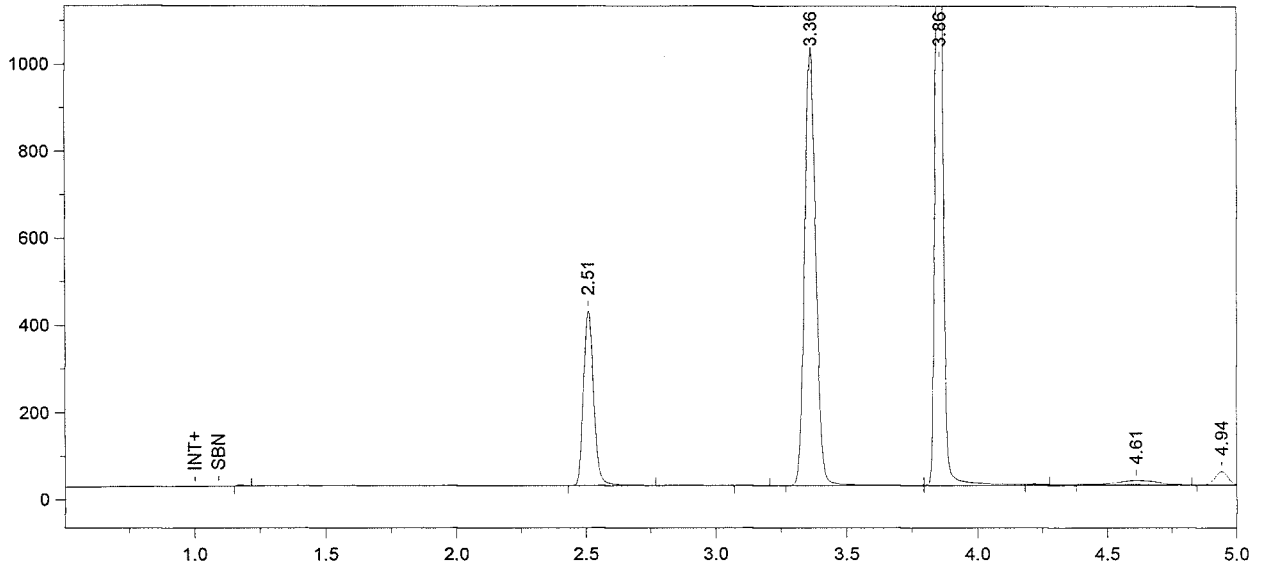
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 8:55:15 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 200

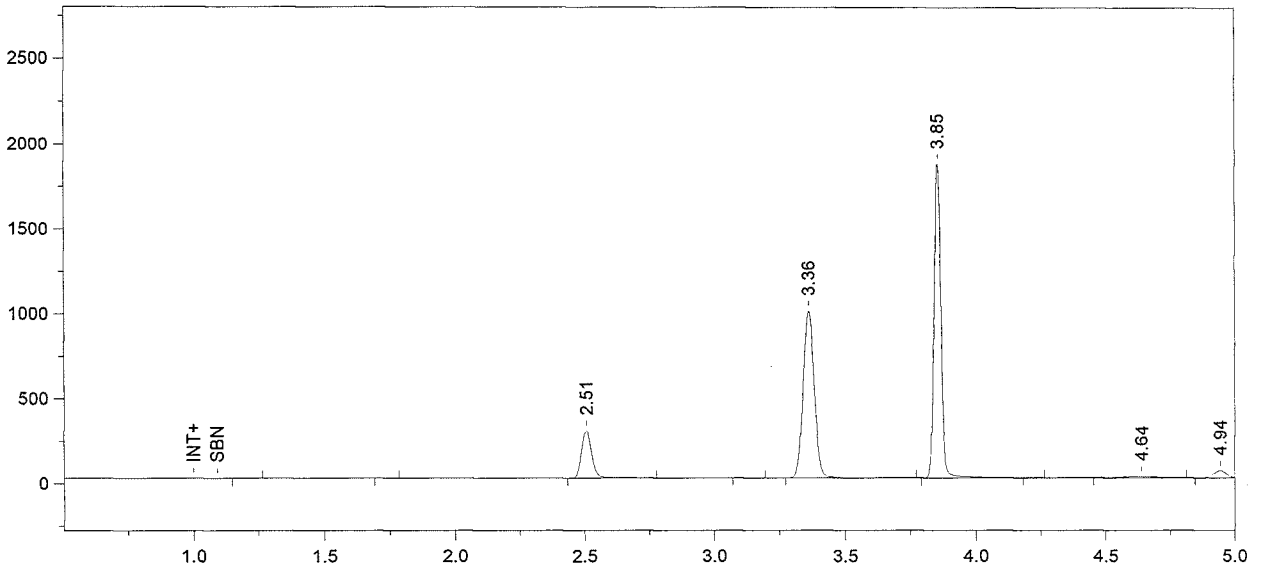
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1010052	0.1188	0.0970
4	3.36	t-Butanol	2841572	0.9801	0.8000
5	3.86	n-Propanol	3400445	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 9:10:22 PM
Bound File Name = Sim020210a.0022.RAW
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 9:10:16 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 200

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1101514	0.1228	0.1002
4	3.36	t-Butanol	2967029	0.9700	0.7917
5	3.86	n-Propanol	3587899	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

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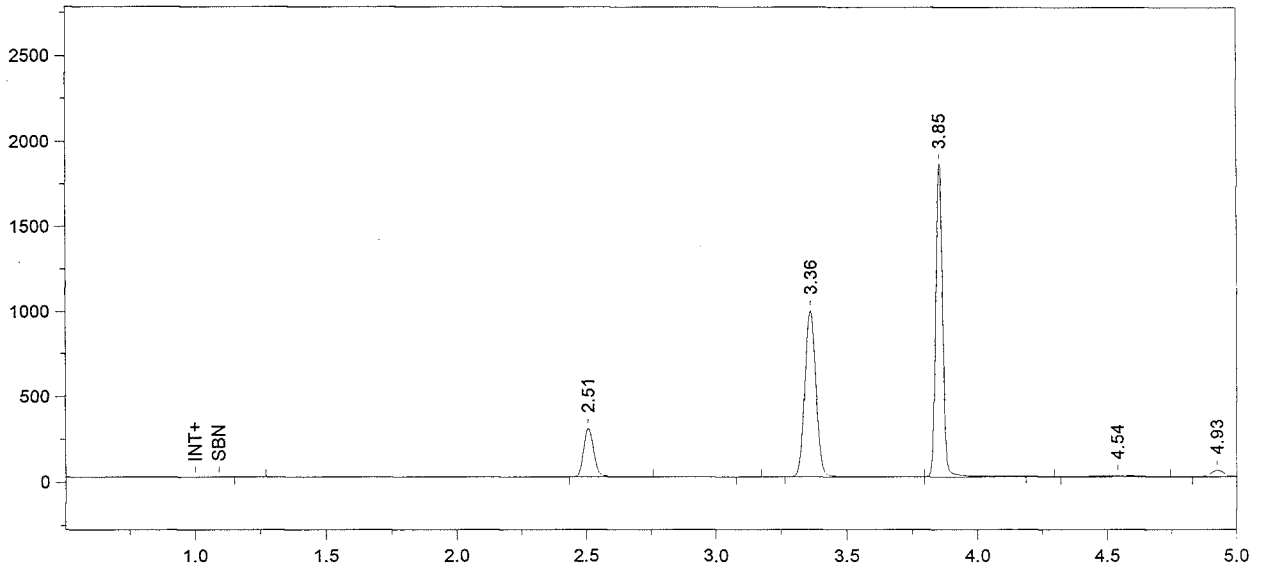
Today's Time = 9:25:23 PM
Bound File Name = Sim020210a.0023.RAW
Sample Name = CCS
Date Taken = 2/2/2010 9:25:18 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 200

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.51	Ethanol	775464	0.0879
5	3.36	t-Butanol	2930784	0.9740
6	3.85	n-Propanol	3529479	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 9:40:22 PM
Bound File Name = Sim020210a.0024.RAW
Sample Name = CCS
Date Taken = 2/2/2010 9:40:21 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 200

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.51	Ethanol	783960	0.0900
4	3.36	t-Butanol	2883262	0.9706
5	3.85	n-Propanol	3484114	1.0000

File Name: C:\Methods\BloodAlcohol4.cal
Version: 195

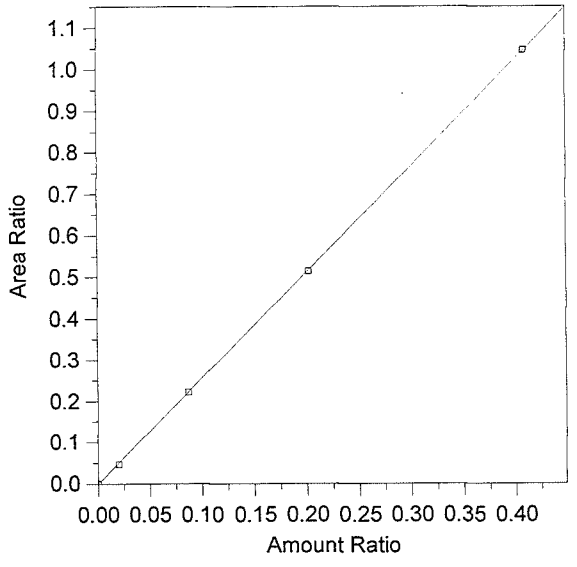
Creator:
Description:
Reason for change:

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:	2.501 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

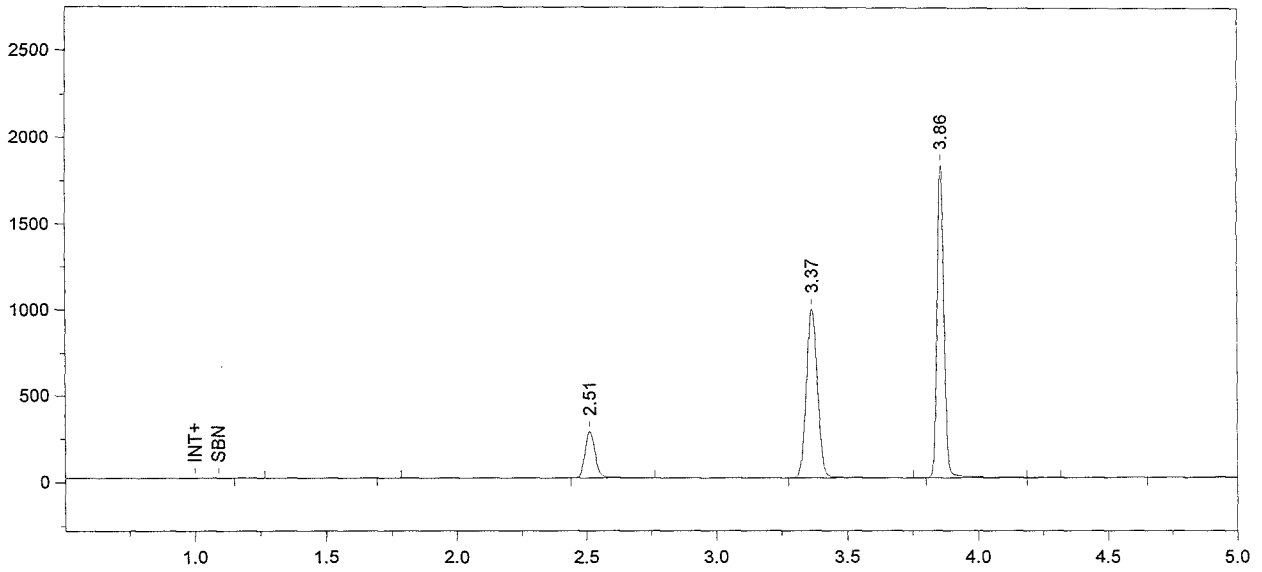
Single peak quantification by area

$Y = 2.560616 X + 0$

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9999641
Average error:	1.690%
Average CF:	2.006932
RSD:	56.049%

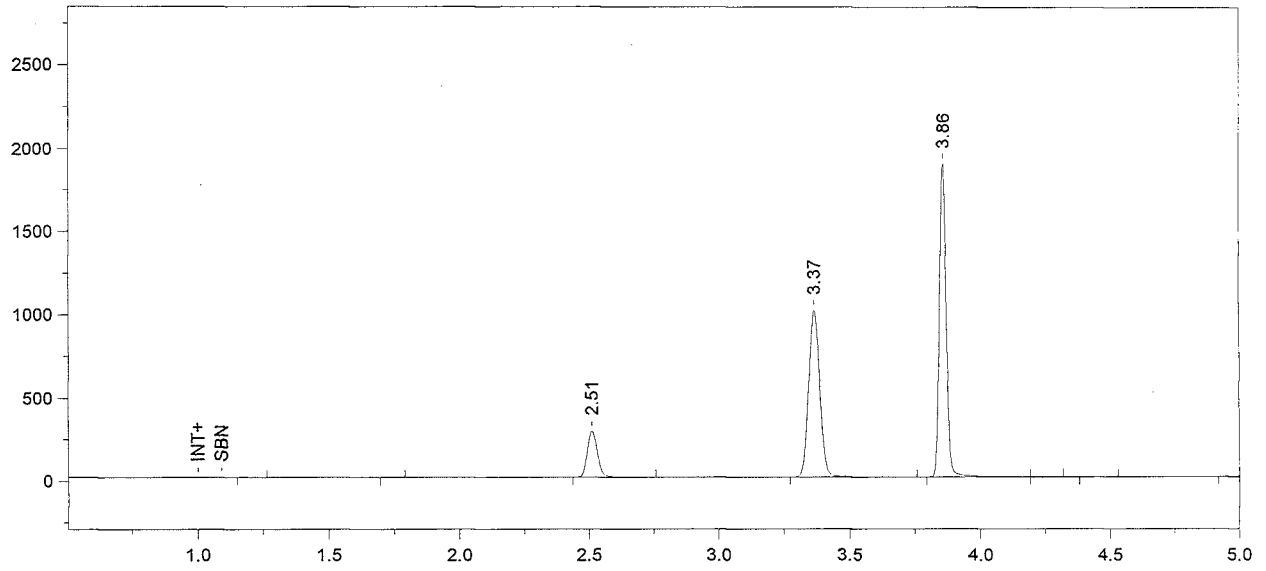
Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	--	0.000	0	0	Manual	4/11/2005 10:03:40 AM
2	0.02	165149.3	8257465	-7.516	0.02	4.736337E-02	C:\Alcohol data\Alc011110\Alc011110.0003.BND	1/11/2010 11:26:17 AM
3	0.087	781271.7	8980135	-0.199	0.087	0.2223313	C:\Alcohol data\Alc011110\Alc011110.0004.BND	1/11/2010 11:41:22 AM
4	0.202	1823072	9025109	-0.567	0.202	0.5143102	C:\Alcohol data\Alc011110\Alc011110.0005.BND	1/11/2010 11:56:22 AM
5	0.408	3826080	9377647	0.166	0.408	1.046467	C:\Alcohol data\Alc011110\Alc011110.0006.BND	1/11/2010 12:11:21 PM



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 11:09:25 AM
Bound File Name = Sim020210.0001.RAW
Sample Name = CCS
Date Taken = 2/2/2010 11:09:22 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 195

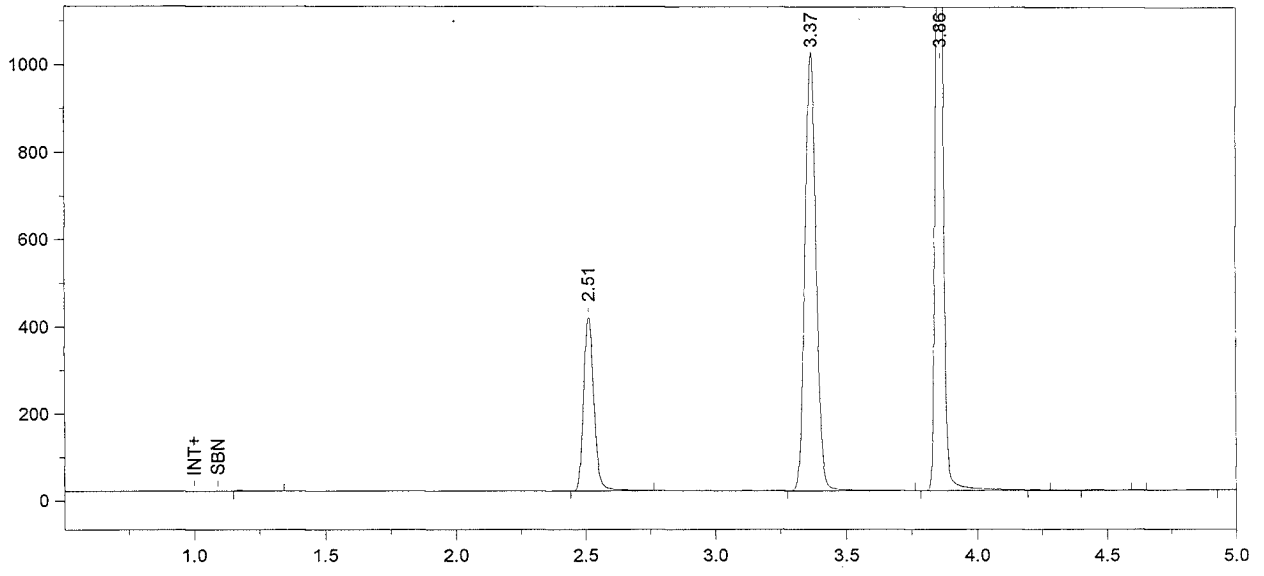
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.51	Ethanol	737685	0.0864
4	3.37	t-Butanol	2896692	1.0154
5	3.86	n-Propanol	3332659	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 11:24:01 AM
Bound File Name = Sim020210.0002.RAW
Sample Name = CCS
Date Taken = 2/2/2010 11:23:53 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 195

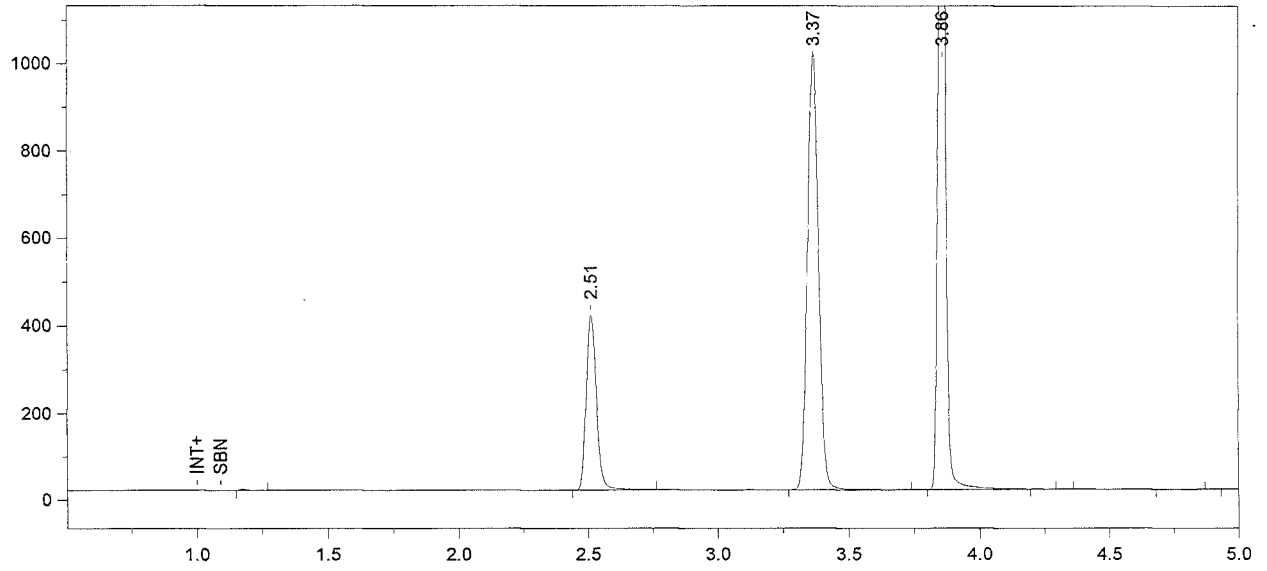
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.51	Ethanol	760847	0.0862
4	3.37	t-Butanol	2954798	1.0016
5	3.86	n-Propanol	3446401	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 11:38:58 AM
Bound File Name = Sim020210.0003.RAW
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 11:38:54 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 195

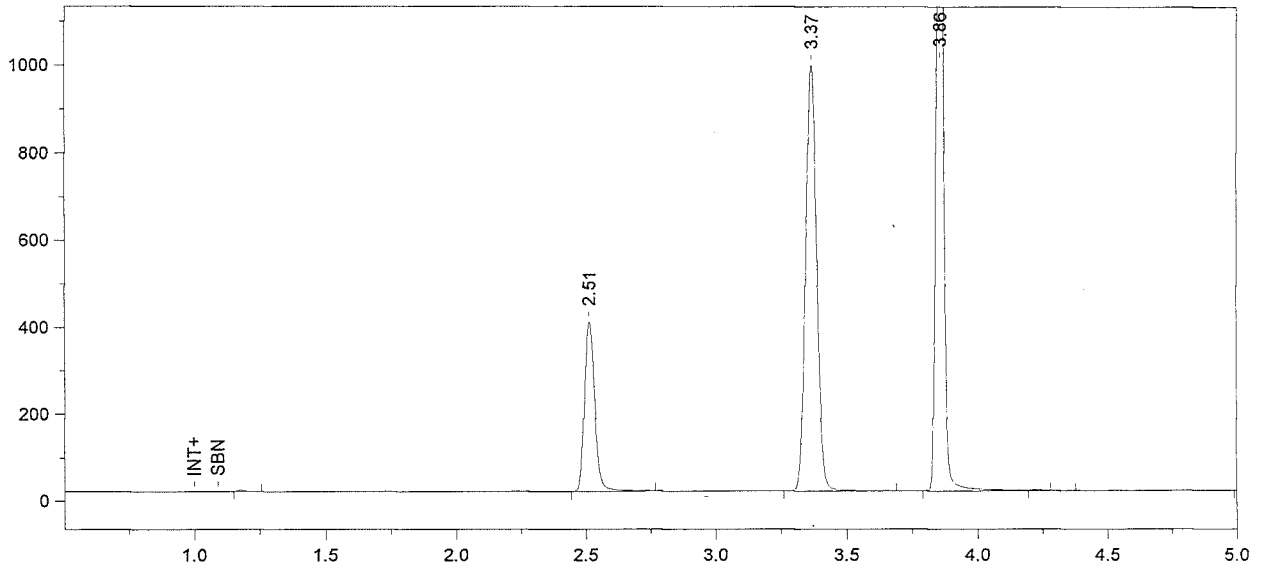
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1105334	0.1233	0.1006
3	3.37	t-Butanol	2975345	0.9928	0.8103
4	3.86	n-Propanol	3501316	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 11:54:51 AM
Bound File Name = Sim020210.0004.RAW
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 11:54:44 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 195

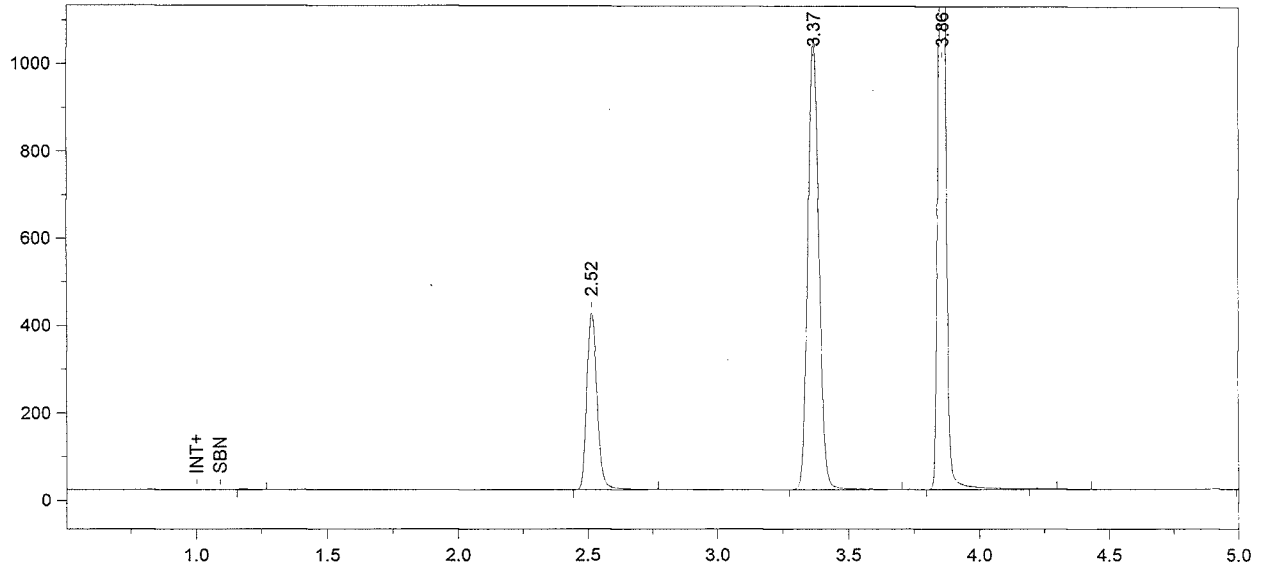
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1104129	0.1243	0.1015
3	3.37	t-Butanol	2952514	0.9945	0.8117
4	3.86	n-Propanol	3468356	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 12:09:48 PM
Bound File Name = Sim020210.0005.RAW
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 12:09:45 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 195

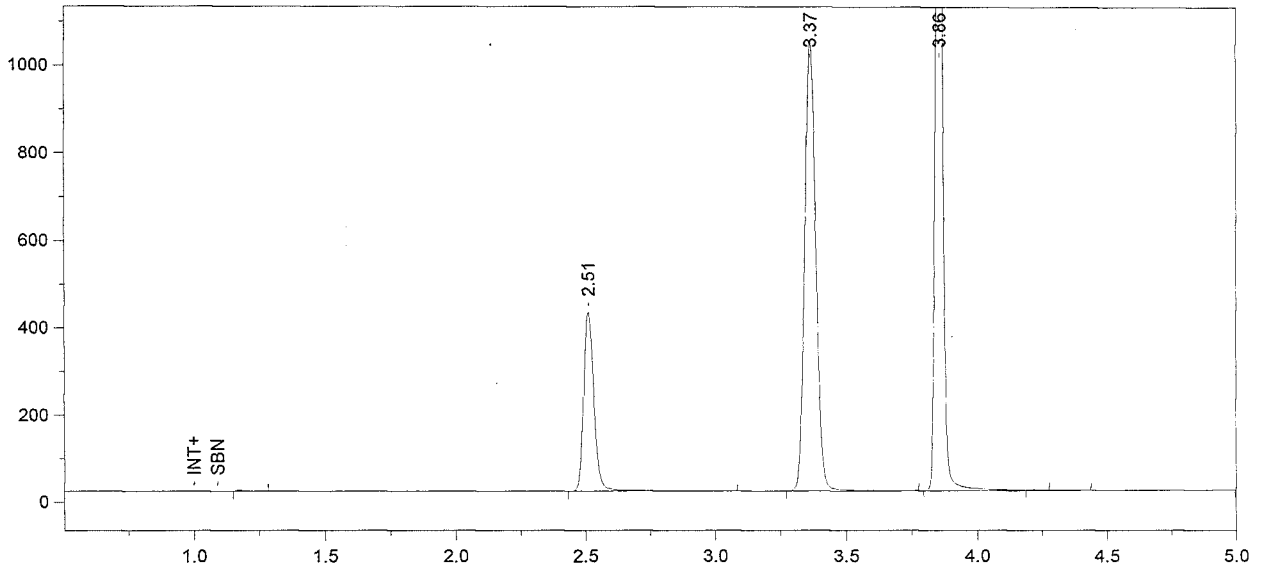
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1072850	0.1240	0.1012
3	3.37	t-Butanol	2882413	0.9963	0.8132
4	3.86	n-Propanol	3379808	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 12:24:51 PM
Bound File Name = Sim020210.0006.RAW
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 12:24:44 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 195

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.52	Ethanol	1114812	0.1235	0.1008
3	3.37	t-Butanol	3029217	1.0036	0.8192
4	3.86	n-Propanol	3526149	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 12:40:00 PM
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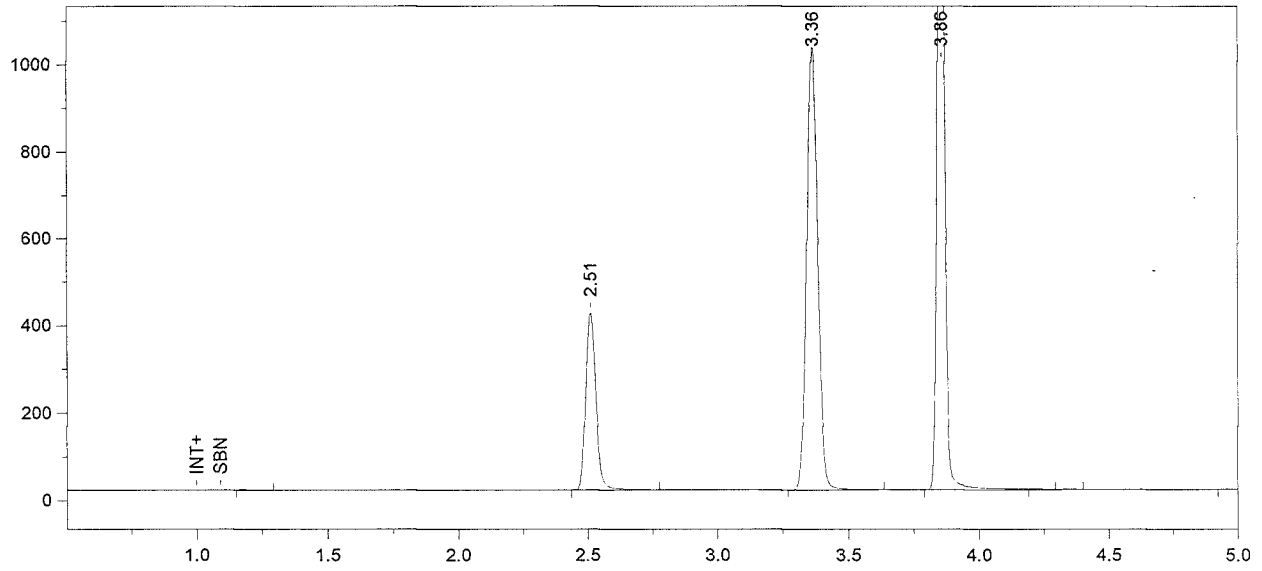
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 12:39:58 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 195

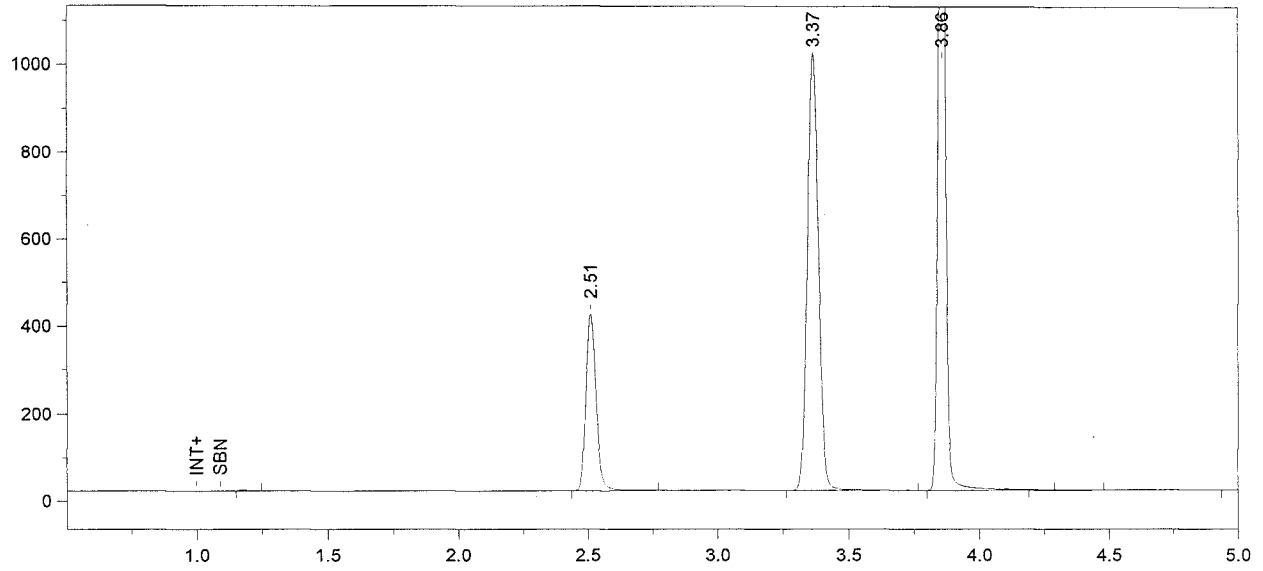
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1144627	0.1256	0.1025
3	3.37	t-Butanol	3040079	0.9979	0.8145
4	3.86	n-Propanol	3559189	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 12:55:05 PM
Bound File Name = Sim020210.0008.RAW
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 12:54:59 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 195

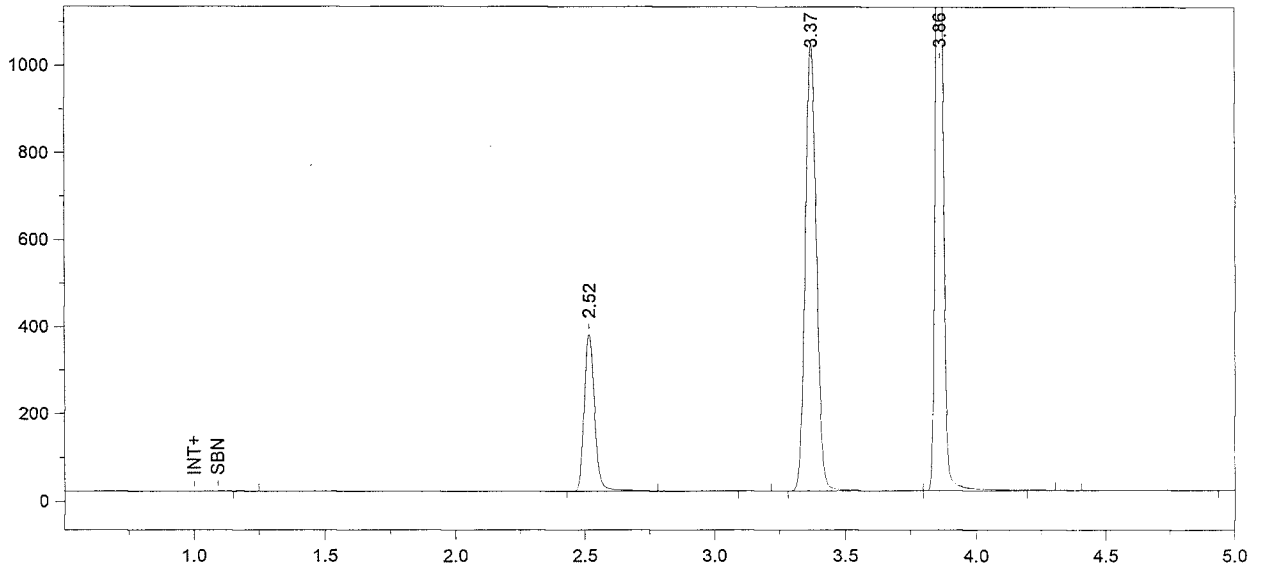
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1110768	0.1235	0.1008
3	3.36	t-Butanol	2992889	0.9951	0.8122
4	3.86	n-Propanol	3513568	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 1:09:52 PM
Bound File Name = Sim020210.0009.RAW
Sample Name = 0.10 Calibration DMR
Date Taken = 2/2/2010 1:09:48 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 195

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1112054	0.1246	0.1017
3	3.37	t-Butanol	2969091	0.9955	0.8125
4	3.86	n-Propanol	3484513	1.0000	0.8162

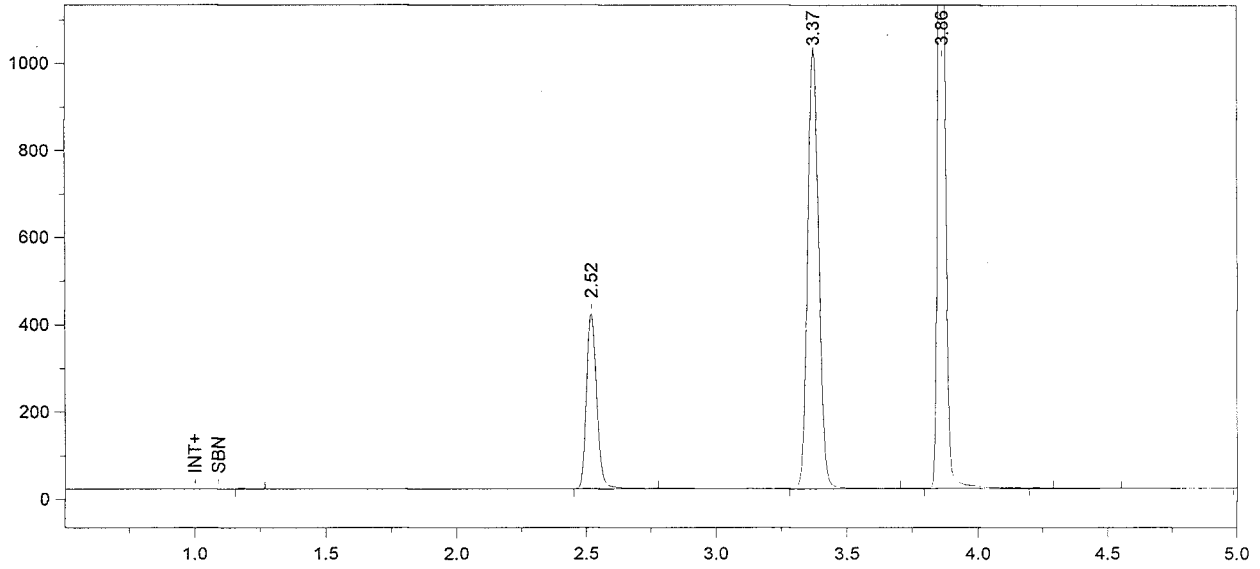


Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 1:24:53 PM
Bound File Name = Sim020210.0010.RAW
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 1:24:49 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 195

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.52	Ethanol	999536	0.1097	0.0895
4	3.37	t-Butanol	3040803	0.9980	0.8146
5	3.86	n-Propanol	3559672	1.0000	0.8162

Outlier removed from average
DMW 2/3/10



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 1:39:56 PM
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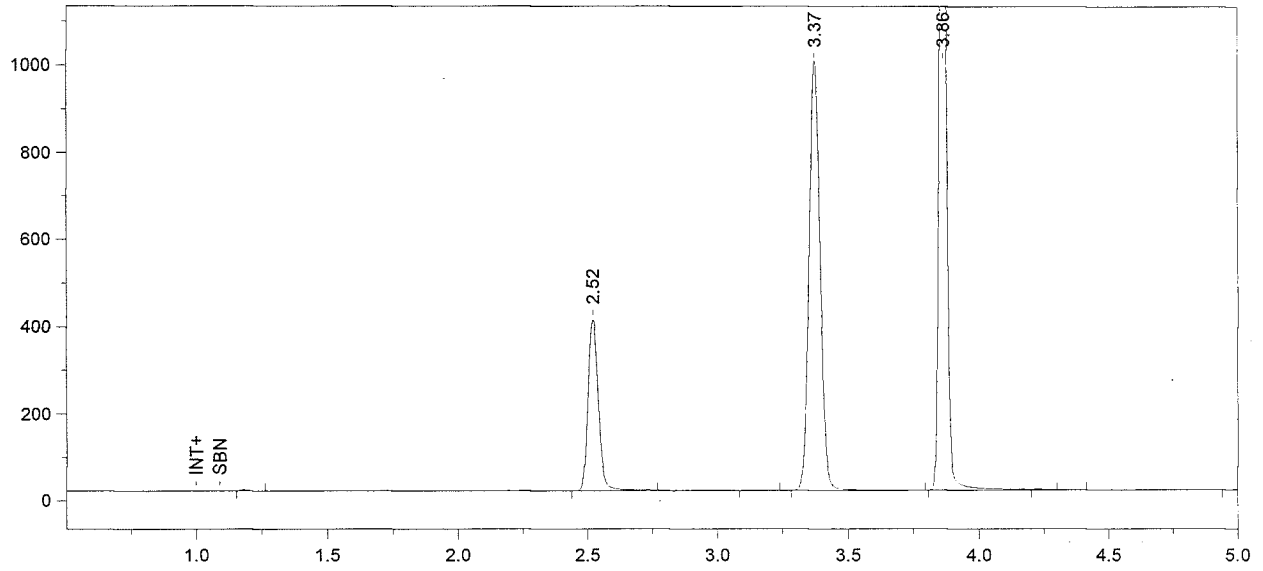
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 1:39:51 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 195

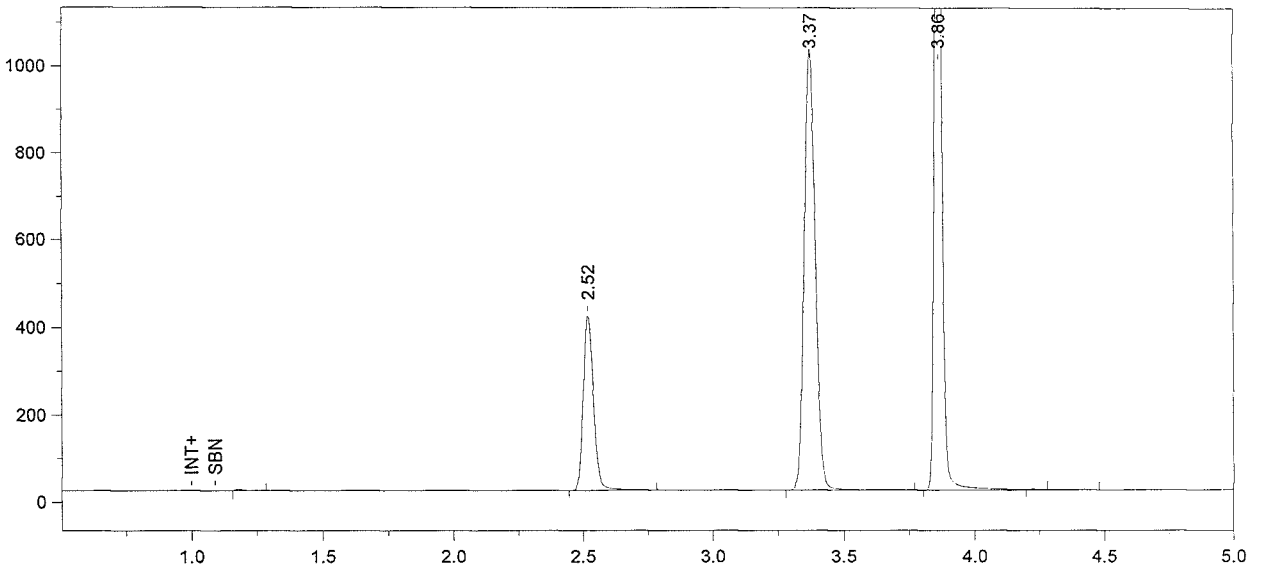
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.52	Ethanol	1106433	0.1230	0.1004
3	3.37	t-Butanol	2979406	0.9907	0.8086
4	3.86	n-Propanol	3513506	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 1:54:53 PM
Bound File Name = Sim020210.0012.RAW
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 1:54:52 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 195

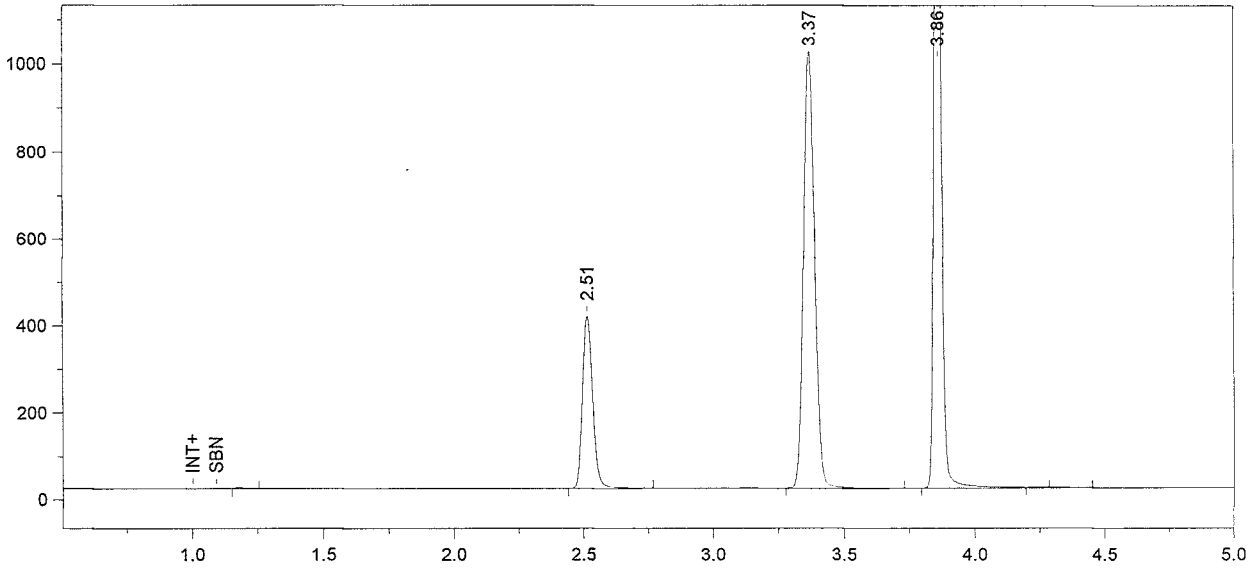
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.52	Ethanol	1094433	0.1250	0.1021
4	3.37	t-Butanol	2909990	0.9945	0.8117
5	3.86	n-Propanol	3418365	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 2:09:58 PM
Bound File Name = Sim020210.0013.RAW
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 2:09:55 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 195

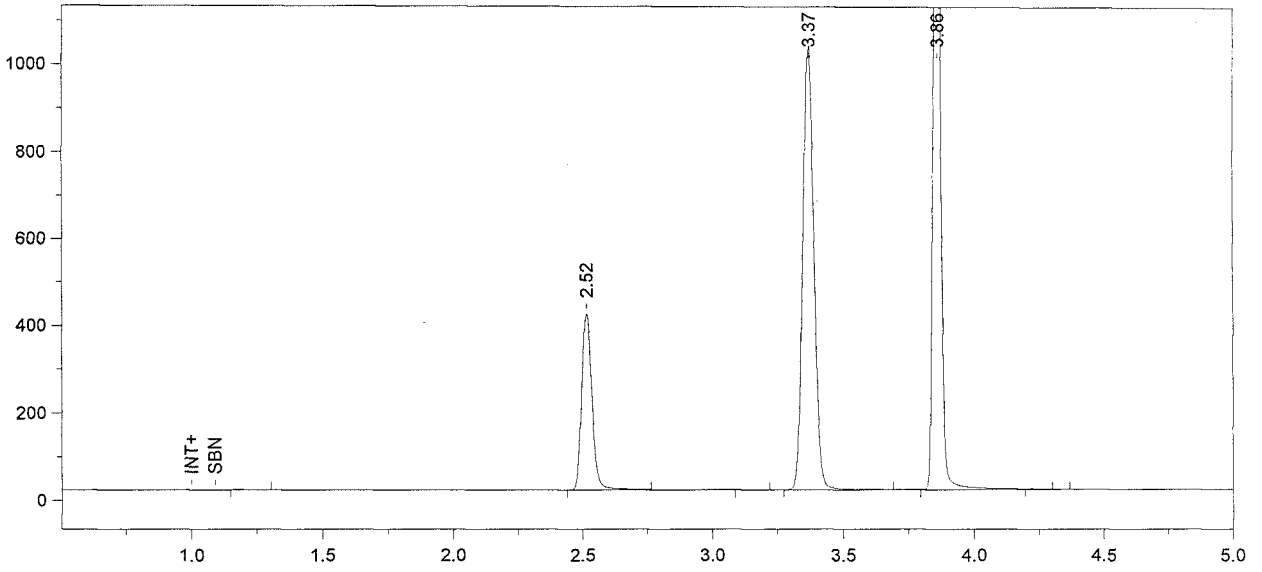
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.52	Ethanol	1099694	0.1234	0.1007
3	3.37	t-Butanol	2977494	0.9997	0.8159
4	3.86	n-Propanol	3479663	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 2:25:01 PM
Bound File Name = Sim020210.0014.RAW
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 2:24:56 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 195

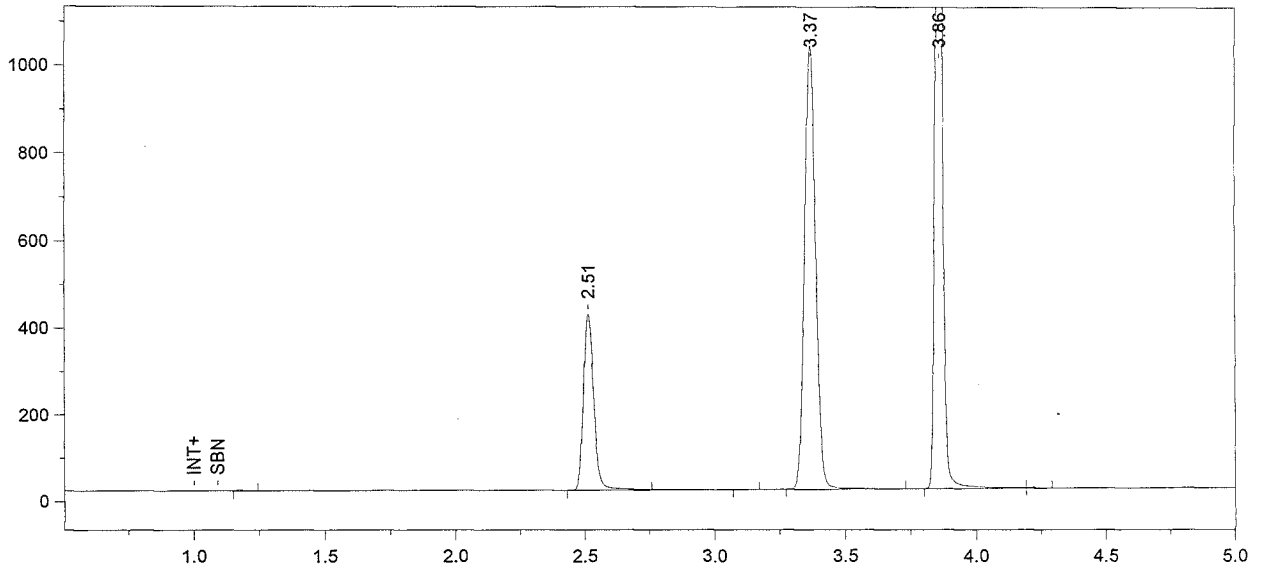
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1093920	0.1231	0.1005
3	3.37	t-Butanol	2966971	0.9989	0.8153
4	3.86	n-Propanol	3470005	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 2:40:00 PM
Bound File Name = Sim020210.0015.RAW
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 2:39:57 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 195

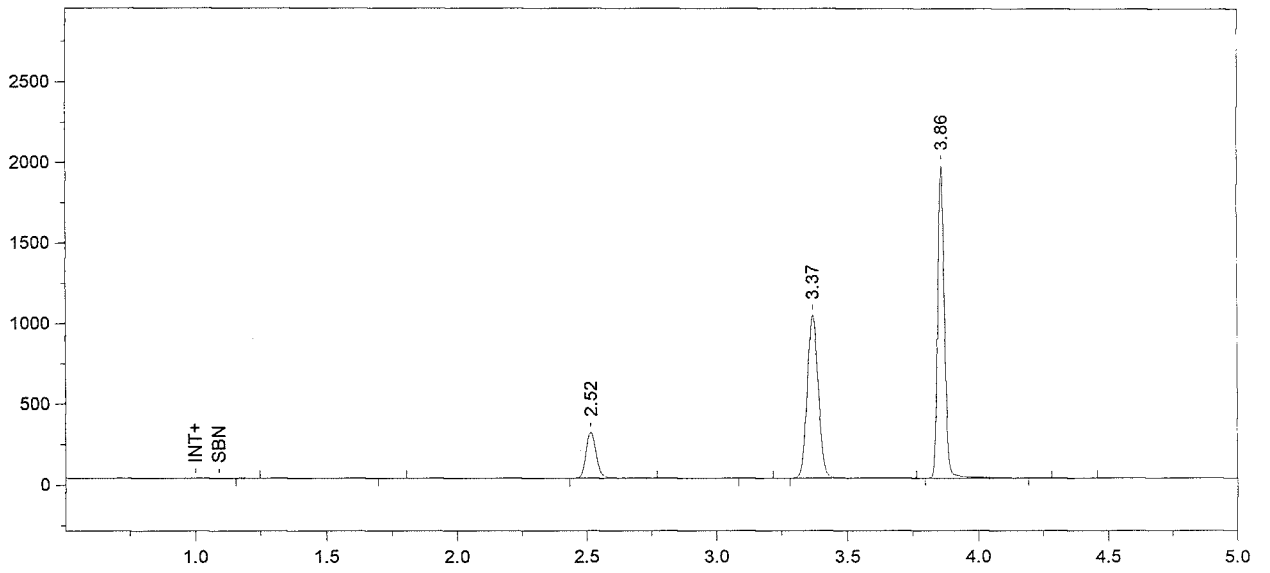
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.52	Ethanol	1121008	0.1242	0.1014
4	3.37	t-Butanol	3001696	0.9951	0.8122
5	3.86	n-Propanol	3524120	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 2/2/2010 Today's Time = 2:55:06 PM
Bound File Name = Sim020210.0016.RAW
Sample Name = 0.10 Calibration HXB
Date Taken = 2/2/2010 2:54:58 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 195

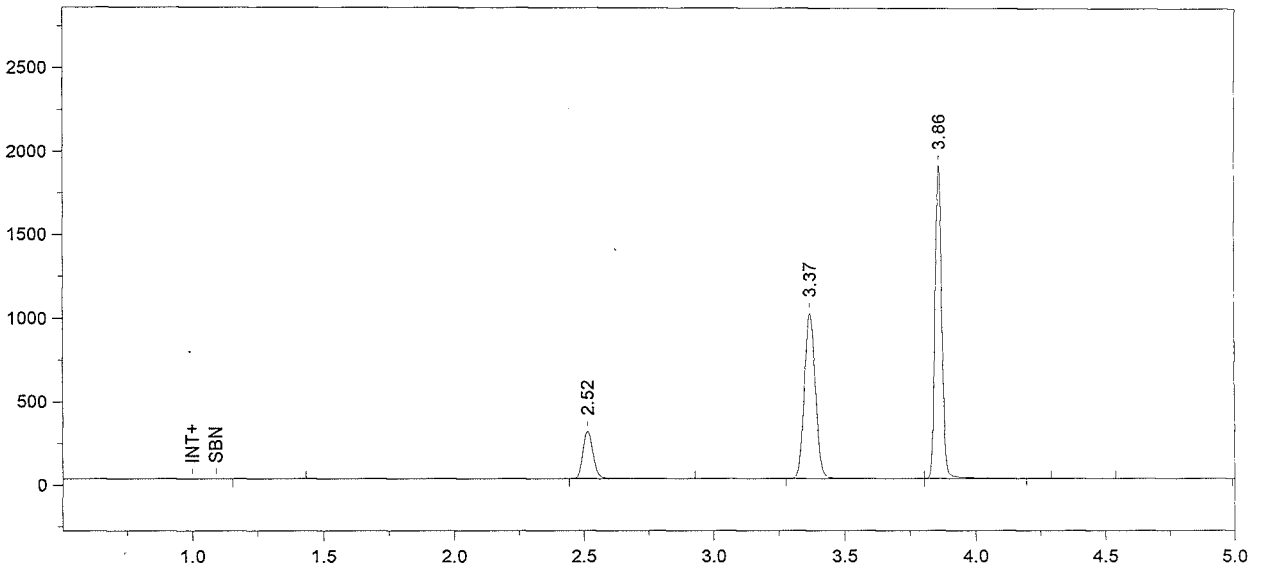
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.51	Ethanol	1124450	0.1250	0.1020
4	3.37	t-Butanol	3002255	0.9981	0.8147
5	3.86	n-Propanol	3514088	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 3:10:05 PM
Bound File Name = Sim020210.0017.RAW
Sample Name = CCS
Date Taken = 2/2/2010 3:09:59 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 195

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.52	Ethanol	791932	0.0887
5	3.37	t-Butanol	2976246	0.9969
6	3.86	n-Propanol	3487851	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 2/2/2010
Today's Time = 3:25:00 PM
Bound File Name = Sim020210.0018.RAW
Sample Name = CCS
Date Taken = 2/2/2010 3:24:58 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 195

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.52	Ethanol	799427	0.0907
3	3.37	t-Butanol	2935973	0.9969
4	3.86	n-Propanol	3440578	1.0000