Vermont Department of Health Laboratory
Toxicology Program

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Certificate of Analysis of DataMaster Certification Solution

On 10/7/2009, 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 10-13-020 and an expiration date of 10/7/2010.

On 10/15/2009 and 10/23/2009, 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 0.020 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification solution.

Dated at Burlington, Vermont on Wednesday, October 28, 2009.

Darcy Richardson

Lot # 10-13-020

Prepared by DMR
Prepared on 10/7/2009
Expires on 10/7/2010

Analyzed on 10/15/09 & 10/23/09
analyzed by DMR and ALB

0.0202	0.0203		**Target**	**0.020**
0.0200	0.0203		Std Dev	0.000203
0.0201	0.0203			
0.0200	0.0205			
0.0199	0.0202			
0.0197	0.0202			
0.0201	0.0202			
0.0201	0.0201			
0.0203	0.0203			
0.0199	0.0204			
0.0200	0.0205			
0.0201	0.0204			
0.0203	0.0202			
0.0204	0.0196			
0.0201	**0.0203**	mean		
0.000185	0.000221	std dev		

Reviewed
10/29/09

File Name: C:\Methods\BloodAlcohol4.cal
Version: 132

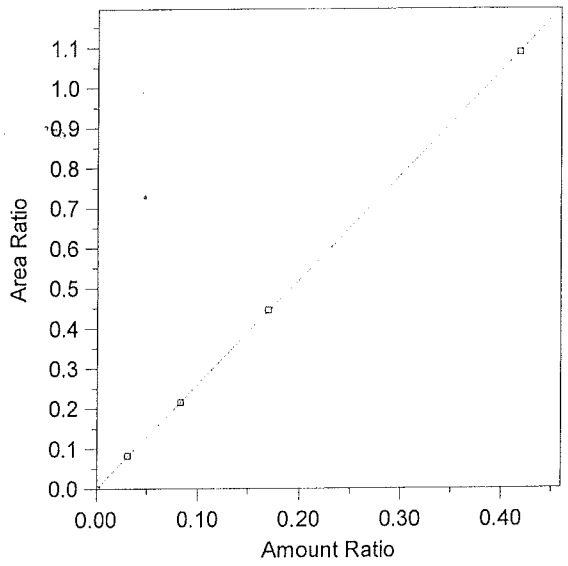
Creator:
Description:
Reason for change:

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: 2.397 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

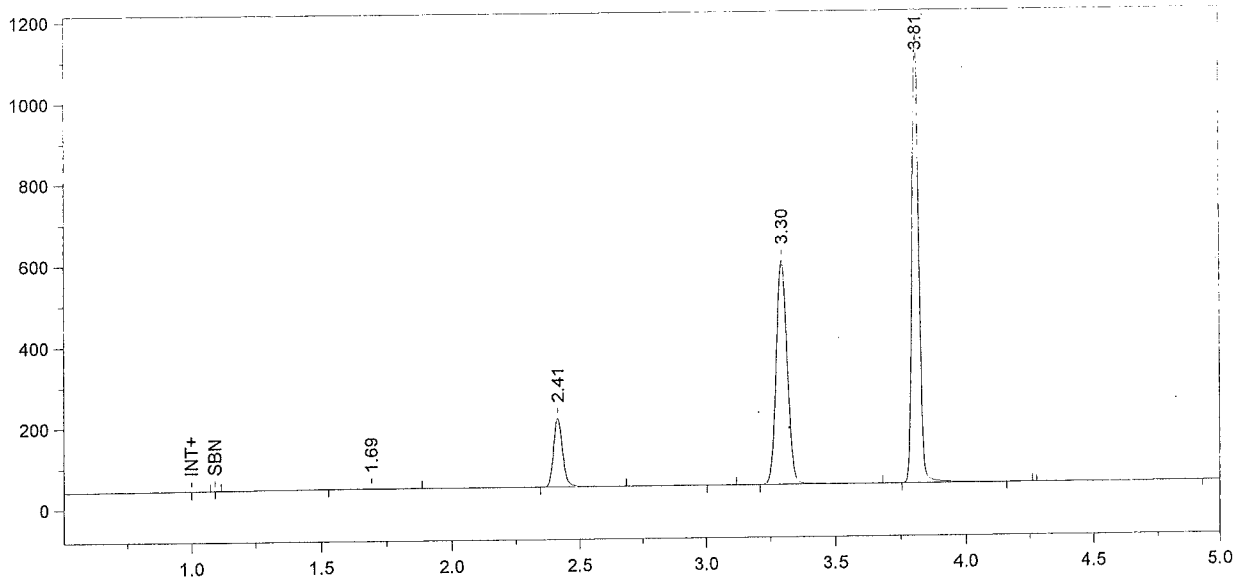
Single peak quantification by area

Y = 2.603315 X + 0

Linear fit with equal weighting, forced to origin
Coefficient of determination: 0.999983
Average error: 0.589%
Average CF: 2.092837
RSD: 55.911%

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	0.031	174078.1	5615423	1.779	0.031	8.213831E-02	C:\Alcohol Data\alc101909\alc101909.0003.BND	10/19/2009 11:14:02 AM
3	0.083	462500	5572290	-0.390	0.083	0.2152332	C:\Alcohol Data\alc101909\alc101909.0004.BND	10/19/2009 11:29:01 AM
4	0.17	982363.6	5778610	0.673	0.17	0.44554	C:\Alcohol Data\alc101909\alc101909.0005.BND	10/19/2009 11:44:07 AM
5	0.418	2384718	5705067	-0.106	0.418	1.087036	C:\Alcohol Data\alc101909\alc101909.0006.BND	10/19/2009 11:59:06 AM

Chrom Perfect Chromatogram Report

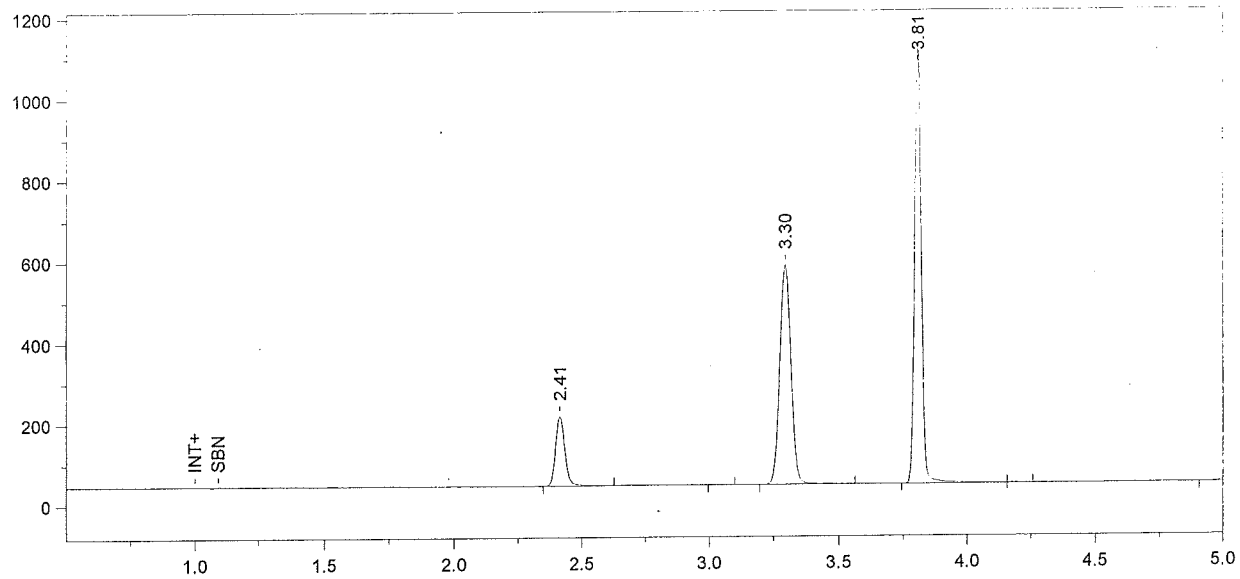


Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 10/23/2009
Today's Time = 4:44:29 PM
Bound File Name = Sim102309.0017.RAW
Sample Name = CCS
Date Taken = 10/23/2009 4:44:22 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.41	Ethanol	440400	0.0825
6	3.30	t-Butanol	1651784	0.9975
7	3.81	n-Propanol	2049378	1.0000

Chrom Perfect Chromatogram Report



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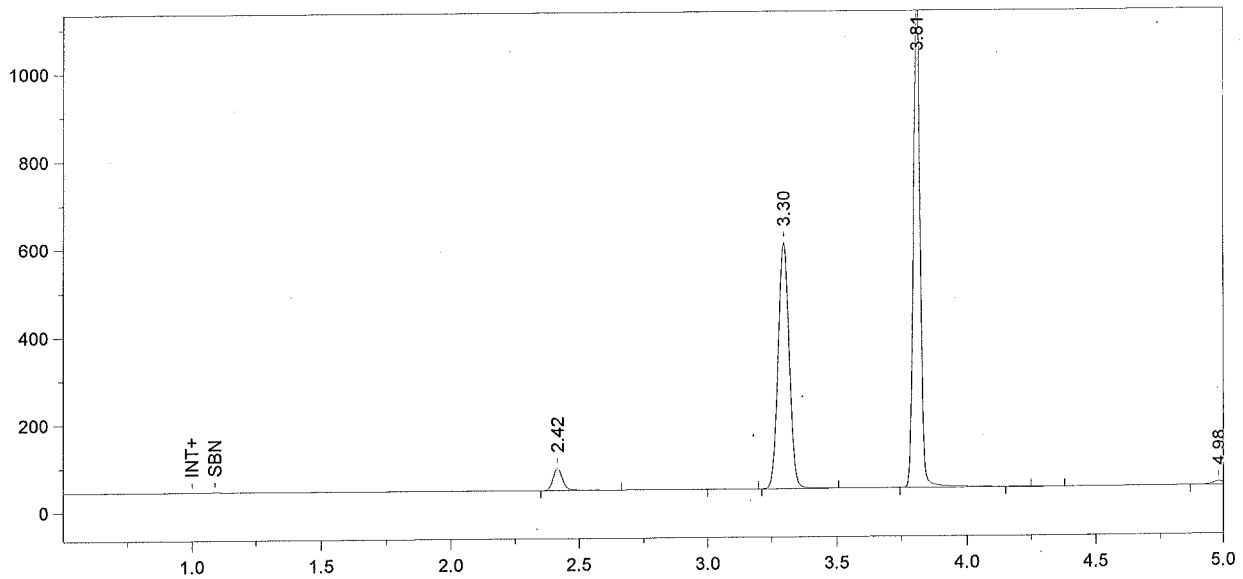
Sample Name = CCS
Date Taken = 10/23/2009 4:59:22 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
1	2.41	Ethanol	440545	0.0845
3	3.30	t-Butanol	1614691	0.9983
4	3.81	n-Propanol	2001835	1.0000



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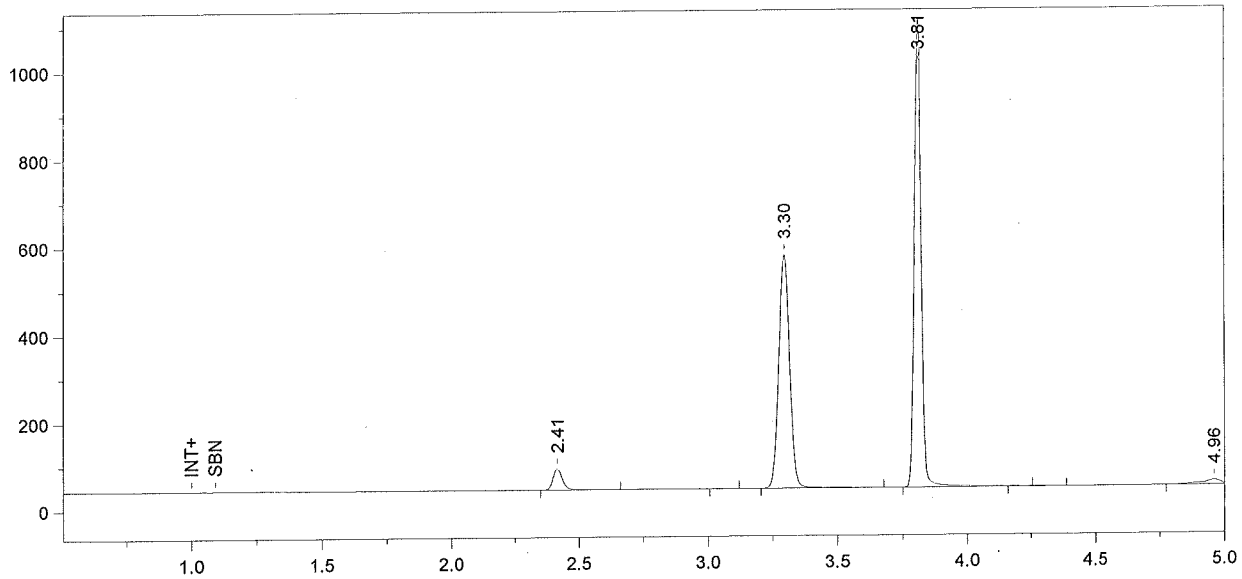
Today's Date = 10/23/2009
Today's Time = 5:14:40 PM
Bound File Name = Sim102309.0019.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/23/2009 5:14:35 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

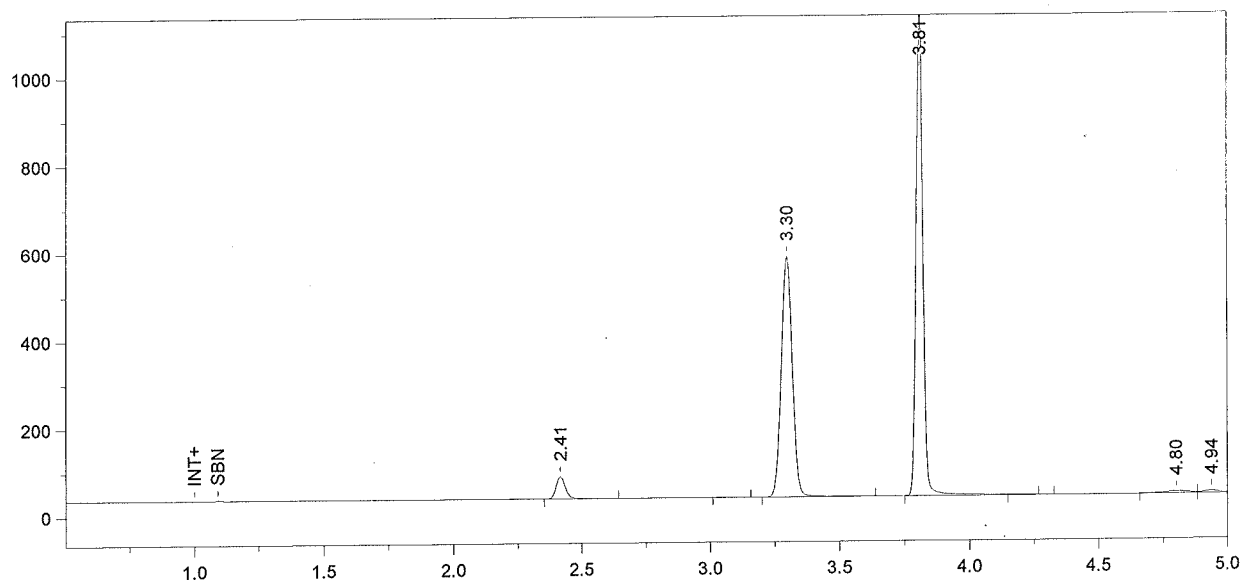
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.42	Ethanol	133012	0.0247	0.0202
3	3.30	t-Butanol	1664029	0.9967	0.8135
4	3.81	n-Propanol	2066223	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/23/2009
Today's Time = 5:29:39 PM
Bound File Name = Sim102309.0020.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/23/2009 5:29:36 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.41	Ethanol	126495	0.0246	0.0200
3	3.30	t-Butanol	1585964	0.9919	0.8096
4	3.81	n-Propanol	1978815	1.0000	0.8162



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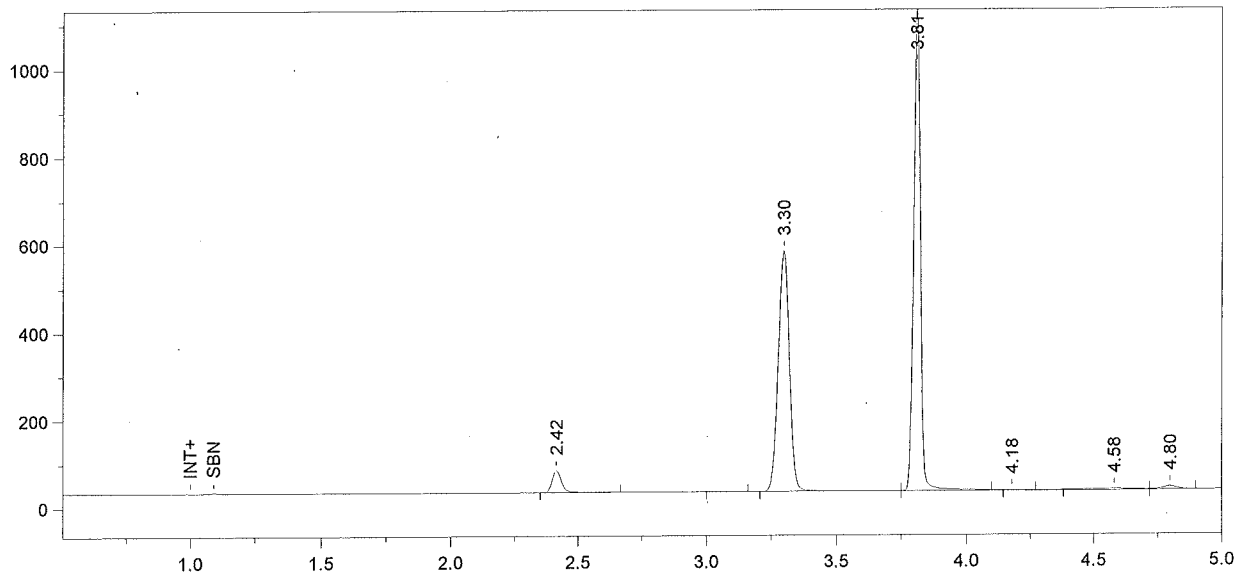
Today's Date = 10/23/2009
Today's Time = 5:44:28 PM
Bound File Name = Sim102309.0021.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/23/2009 5:44:24 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

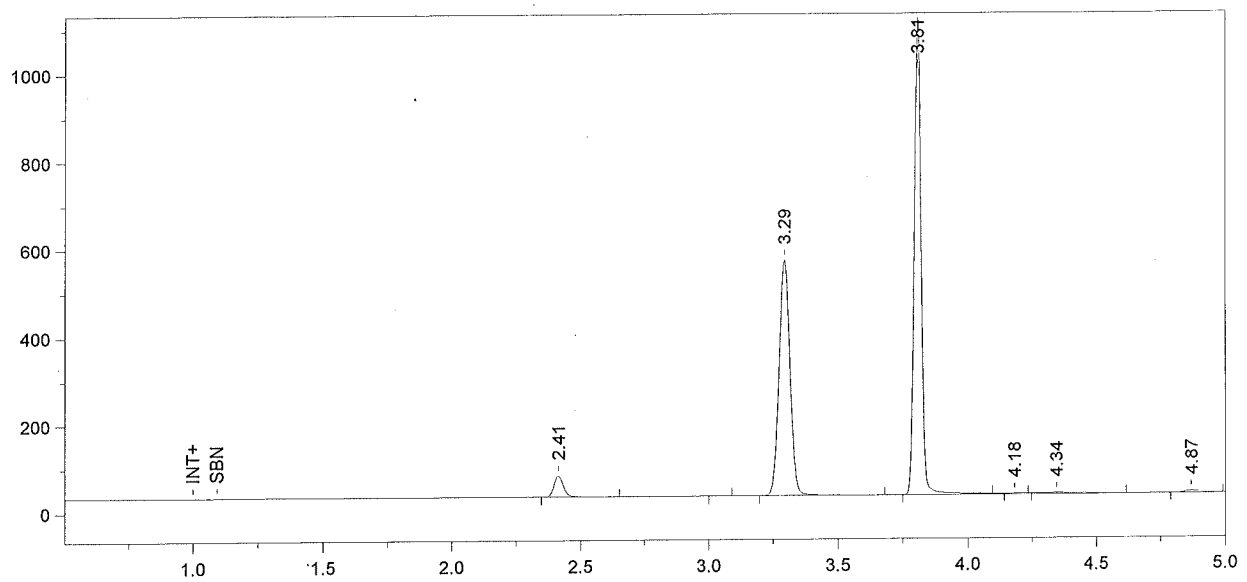
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.41	Ethanol	131202	0.0247	0.0201
3	3.30	t-Butanol	1632871	0.9887	0.8070
4	3.81	n-Propanol	2043886	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/23/2009
Today's Time = 5:59:29 PM
Bound File Name = Sim102309.0022.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/23/2009 5:59:25 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.42	Ethanol	129937	0.0245	0.0200
3	3.30	t-Butanol	1636866	0.9952	0.8123
4	3.81	n-Propanol	2035500	1.0000	0.8162



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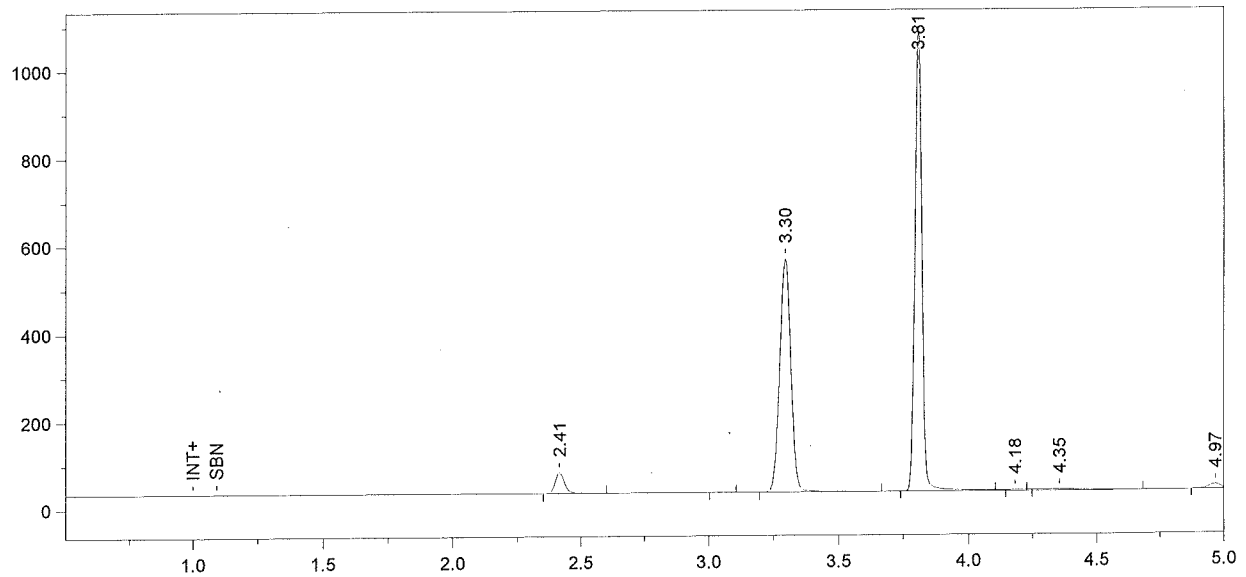
Today's Time = 6:14:32 PM
Bound File Name = Sim102309.0023.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/23/2009 6:14:27 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

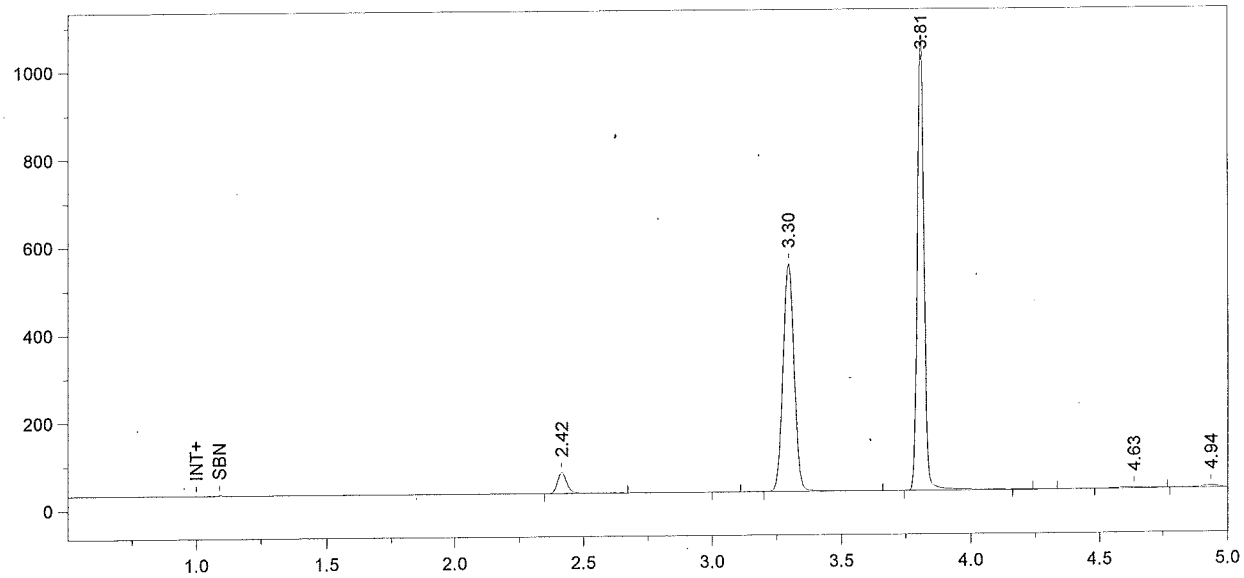
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.41	Ethanol	126929	0.0244	0.0199
3	3.29	t-Butanol	1602763	0.9918	0.8095
4	3.81	n-Propanol	2000042	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/23/2009
Today's Time = 6:29:29 PM
Bound File Name = Sim102309.0024.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/23/2009 6:29:28 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

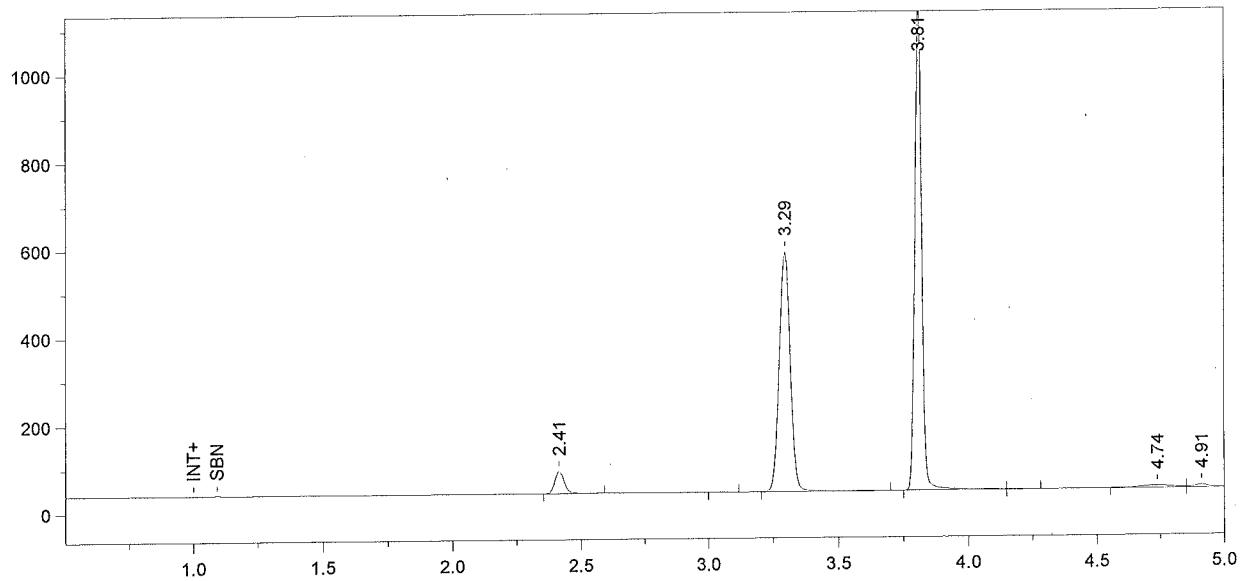
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.41	Ethanol	123725	0.0241	0.0197
3	3.30	t-Butanol	1588655	0.9975	0.8142
4	3.81	n-Propanol	1971063	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/23/2009
Today's Time = 6:44:36 PM
Bound File Name = Sim102309.0025.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/23/2009 6:44:31 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

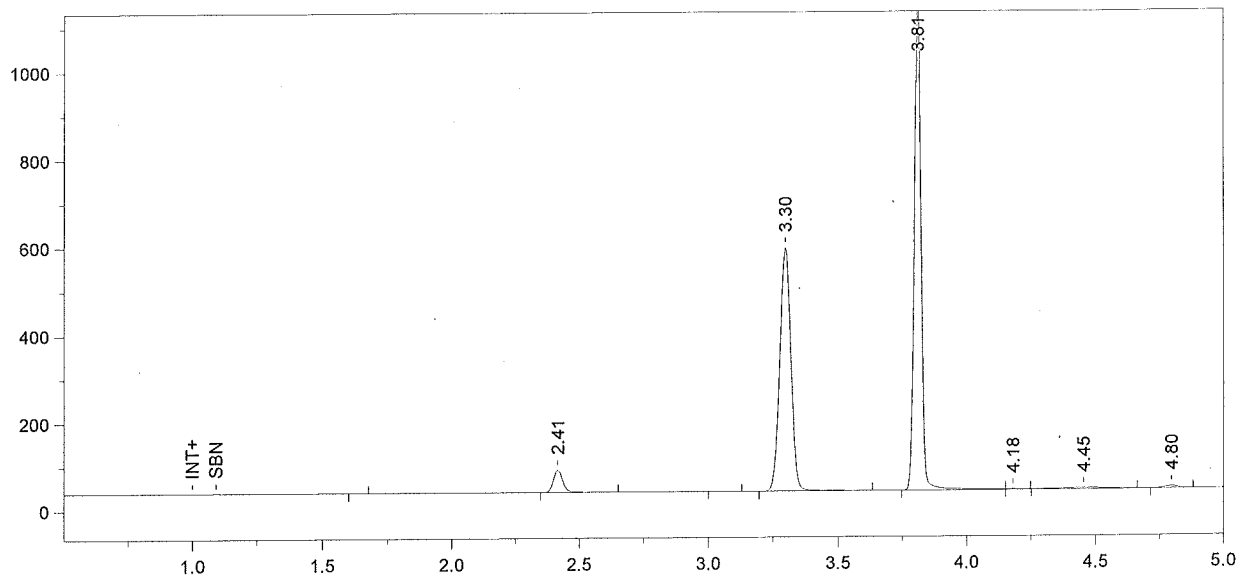
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.42	Ethanol	123723	0.0247	0.0201
3	3.30	t-Butanol	1550992	0.9964	0.8133
4	3.81	n-Propanol	1926493	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/23/2009
Today's Time = 6:59:37 PM
Bound File Name = Sim102309.0026.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 10/23/2009 6:59:31 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.41	Ethanol	130591	0.0246	0.0201
3	3.29	t-Butanol	1628974	0.9906	0.8085
4	3.81	n-Propanol	2035186	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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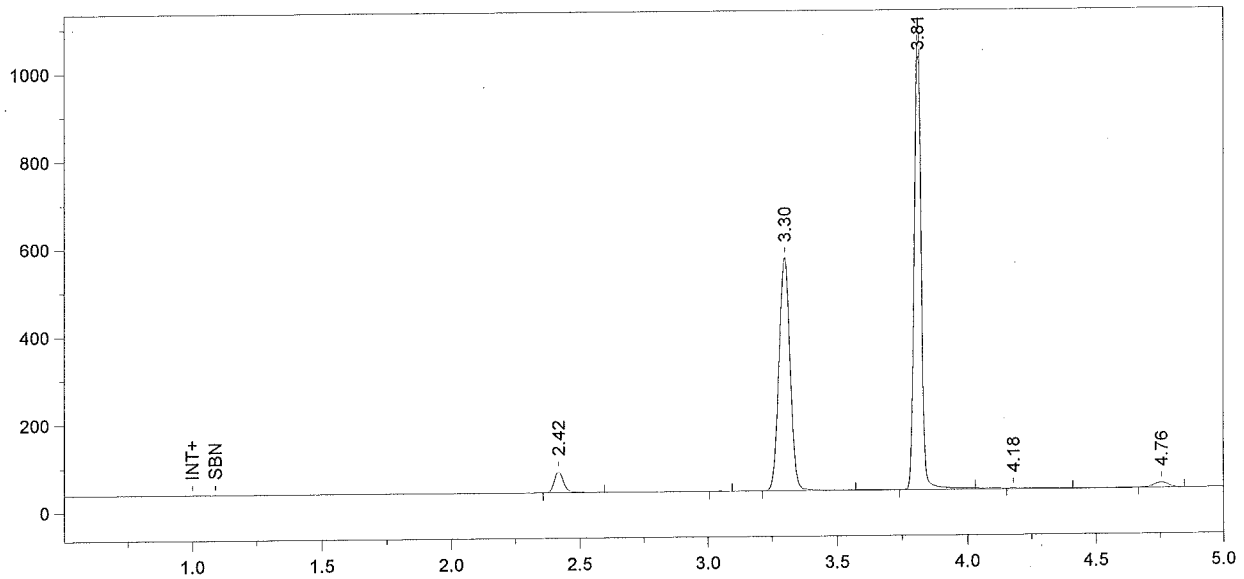
Today's Time = 7:14:36 PM
Bound File Name = Sim102309.0027.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 10/23/2009 7:14:33 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

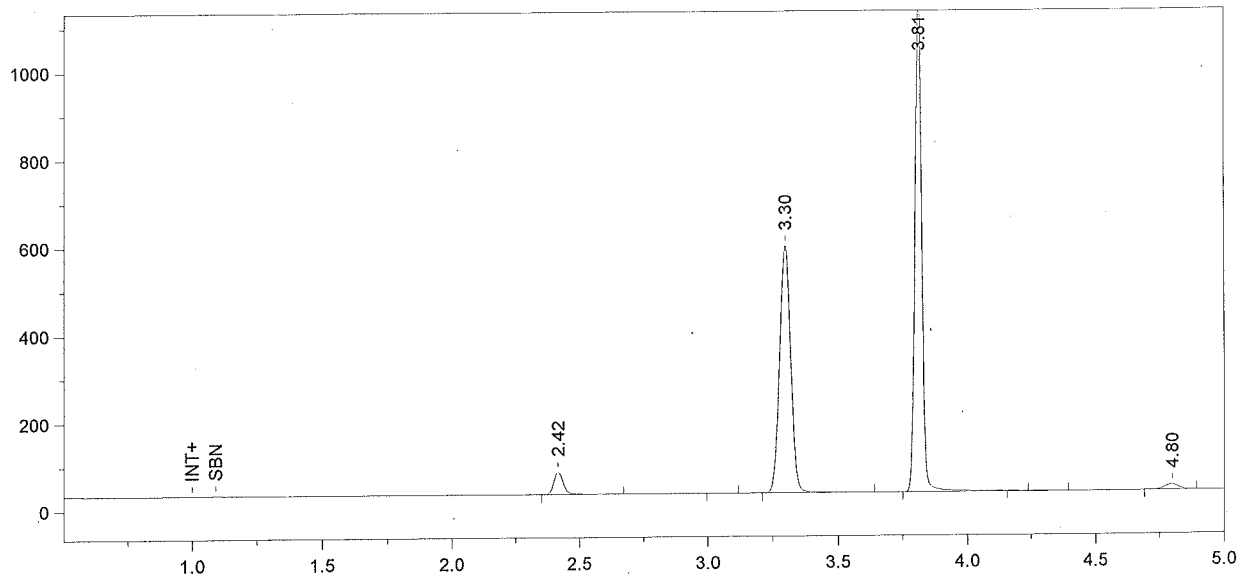
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.41	Ethanol	133227	0.0249	0.0203
4	3.30	t-Butanol	1648251	0.9909	0.8088
5	3.81	n-Propanol	2058578	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/23/2009
Today's Time = 7:29:37 PM
Bound File Name = Sim102309.0028.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 10/23/2009 7:29:33 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

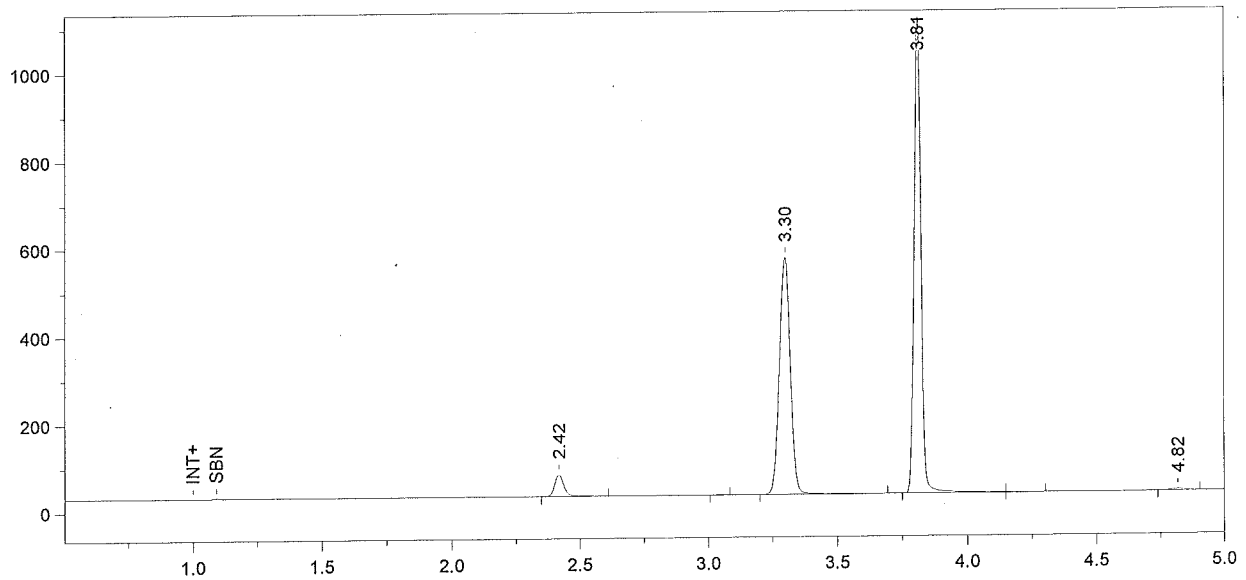
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.42	Ethanol	125371	0.0244	0.0199
3	3.30	t-Butanol	1577836	0.9907	0.8086
4	3.81	n-Propanol	1971137	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/23/2009
Today's Time = 7:44:36 PM
Bound File Name = Sim102309.0029.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 10/23/2009 7:44:34 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.42	Ethanol	133614	0.0245	0.0200
3	3.30	t-Butanol	1679746	0.9913	0.8091
4	3.81	n-Propanol	2097055	1.0000	0.8162



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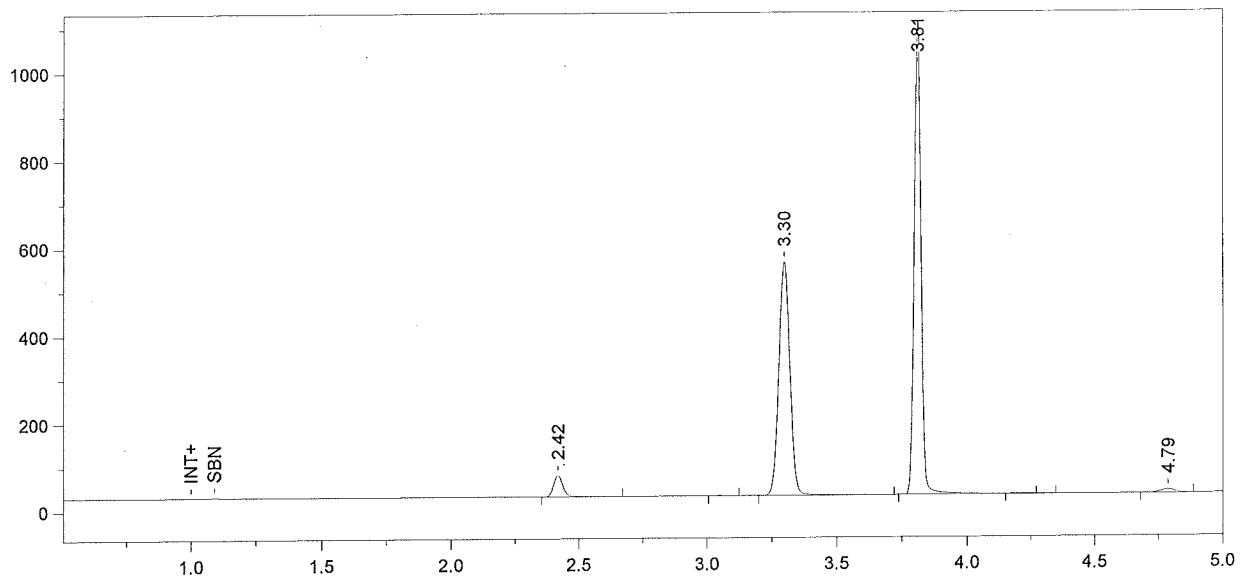
Sample Name = 0.02 Sim ALB
Date Taken = 10/23/2009 7:59:34 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.42	Ethanol	127729	0.0246	0.0201
3	3.30	t-Butanol	1609955	0.9995	0.8158
4	3.81	n-Propanol	1993546	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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Today's Time = 8:14:52 PM
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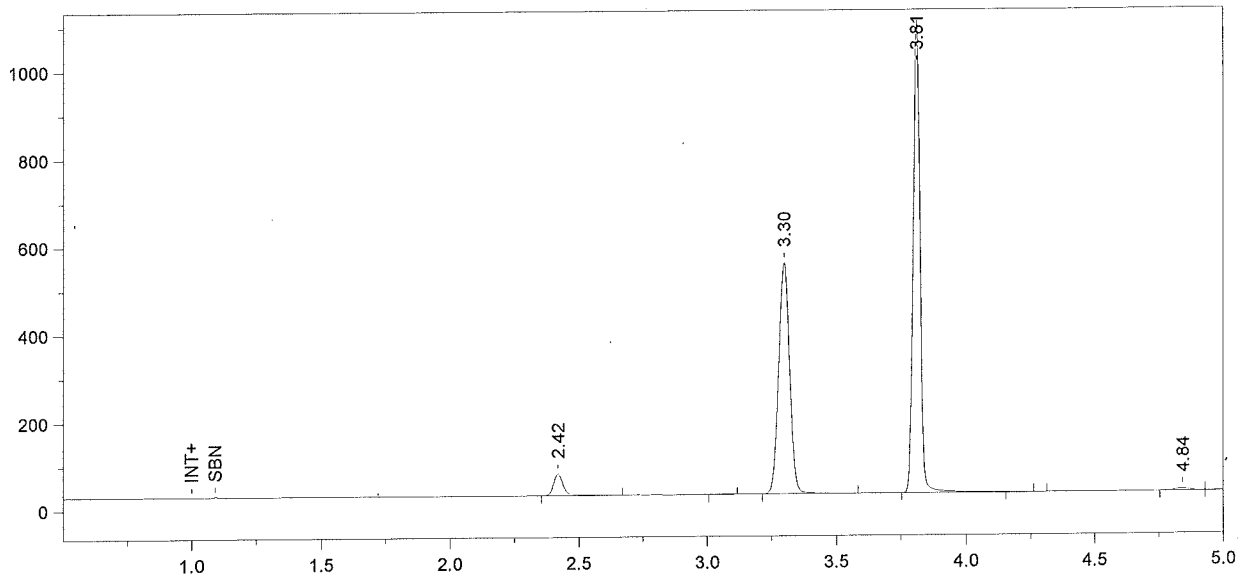
Sample Name = 0.02 Sim ALB
Date Taken = 10/23/2009 8:14:47 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.42	Ethanol	128200	0.0249	0.0203
3	3.30	t-Butanol	1587128	0.9920	0.8097
4	3.81	n-Propanol	1980051	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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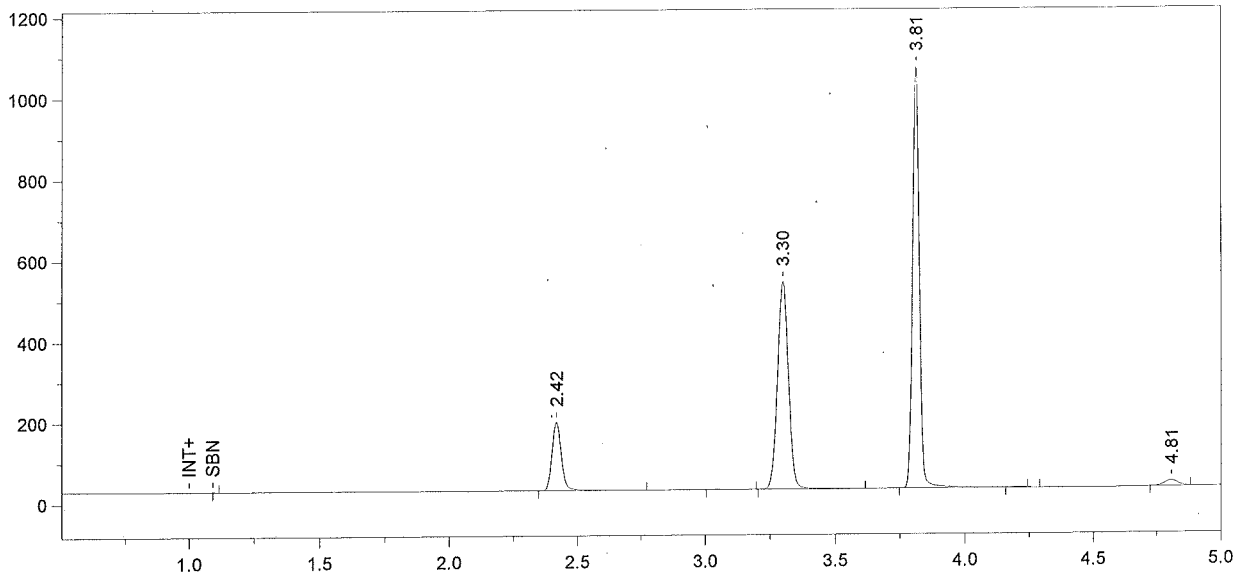
Today's Time = 8:29:55 PM
Bound File Name = Sim102309.0032.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 10/23/2009 8:29:48 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.42	Ethanol	128346	0.0250	0.0204
3	3.30	t-Butanol	1566018	0.9813	0.8010
4	3.81	n-Propanol	1975037	1.0000	0.8162



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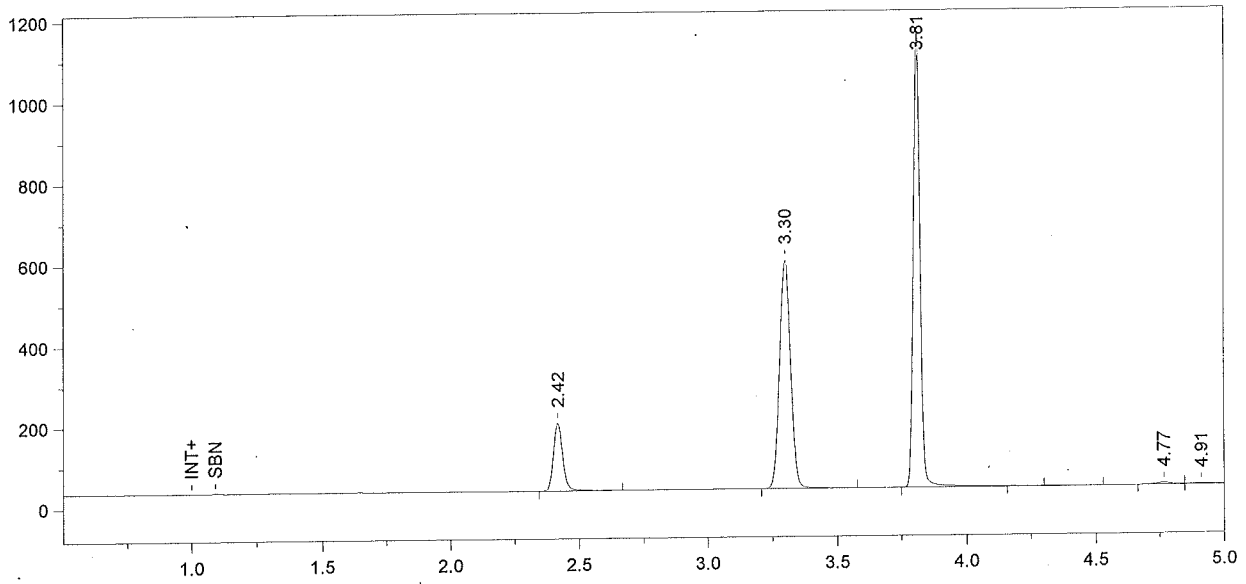
Sample Name = CCS
Date Taken = 10/23/2009 8:44:37 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.42	Ethanol	437100	0.0872
4	3.30	t-Butanol	1524725	0.9798
5	3.81	n-Propanol	1925890	1.0000



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Sample Name = CCS
Date Taken = 10/23/2009 8:59:38 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 132

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
1	2.42	Ethanol	427330	0.0793
2	3.30	t-Butanol	1669984	0.9981
3	3.81	n-Propanol	2070731	1.0000

File Name: C:\Methods\BloodAlcohol4.cal
Version: 126

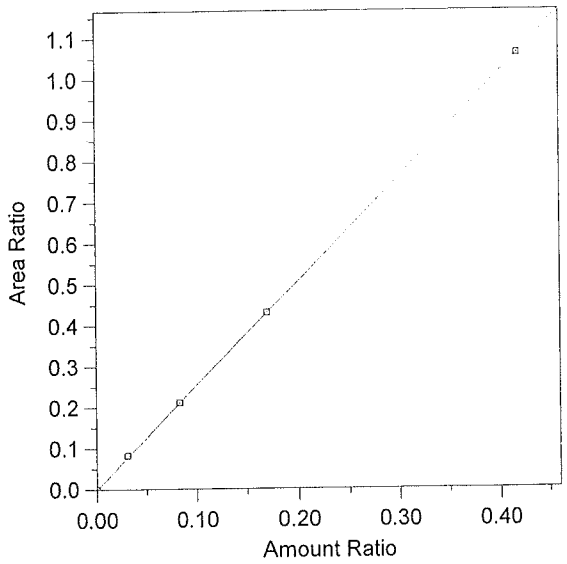
Creator:
Description:
Reason for change:

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:	2.396 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

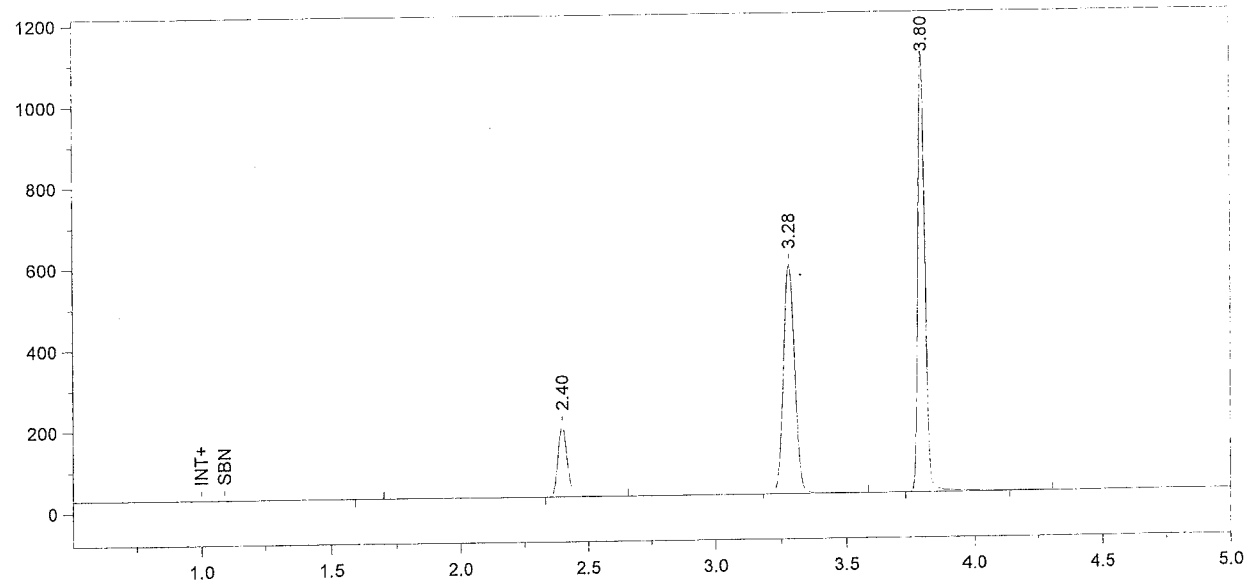
Y = 2.538419 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9999722
Average error:	1.205%
Average CF:	2.060811
RSD:	55.978%

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	0.031	168080.2	5421942	5.569	0.031	8.307341E-02	C:\Alcohol Data\Alc101509\Alc101509.0003.BND	10/15/2009 4:00:16 PM
3	0.083	425657.3	5128402	0.380	0.083	0.2114899	C:\Alcohol Data\Alc101509\Alc101509.0004.BND	10/15/2009 4:15:13 PM
4	0.17	890600.6	5238827	0.024	0.17	0.4316364	C:\Alcohol Data\Alc101509\Alc101509.0005.BND	10/15/2009 4:30:16 PM
5	0.418	2113376	5055924	-0.050	0.418	1.060532	C:\Alcohol Data\Alc101509\Alc101509.0006.BND	10/15/2009 4:45:16 PM

Chrom Perfect Chromatogram Report



Format File Name = Alcohol4-JFH.met.FMT

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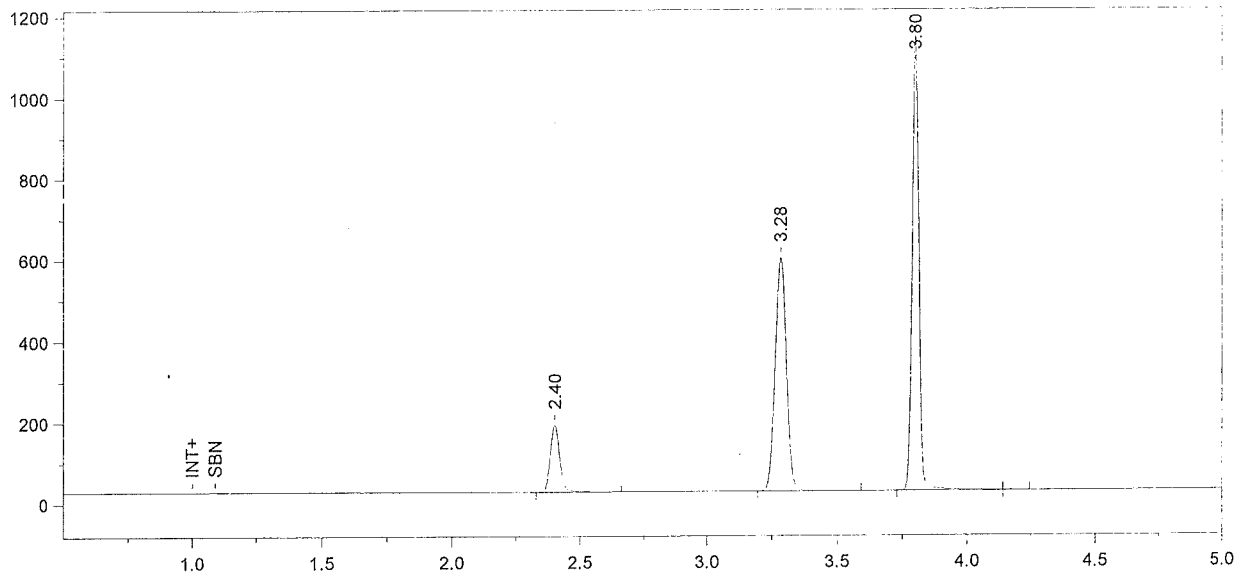
Today's Time = 7:45:28 PM
Bound File Name = Alc101509.0018.RAW
Sample Name = CCS
Date Taken = 10/15/2009 7:45:27 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.40	Ethanol	444996	0.0867
3	3.28	t-Butanol	1680336	1.0004
4	3.80	n-Propanol	2021867	1.0000



Format File Name = Alcohol4-JFH.met.FMT

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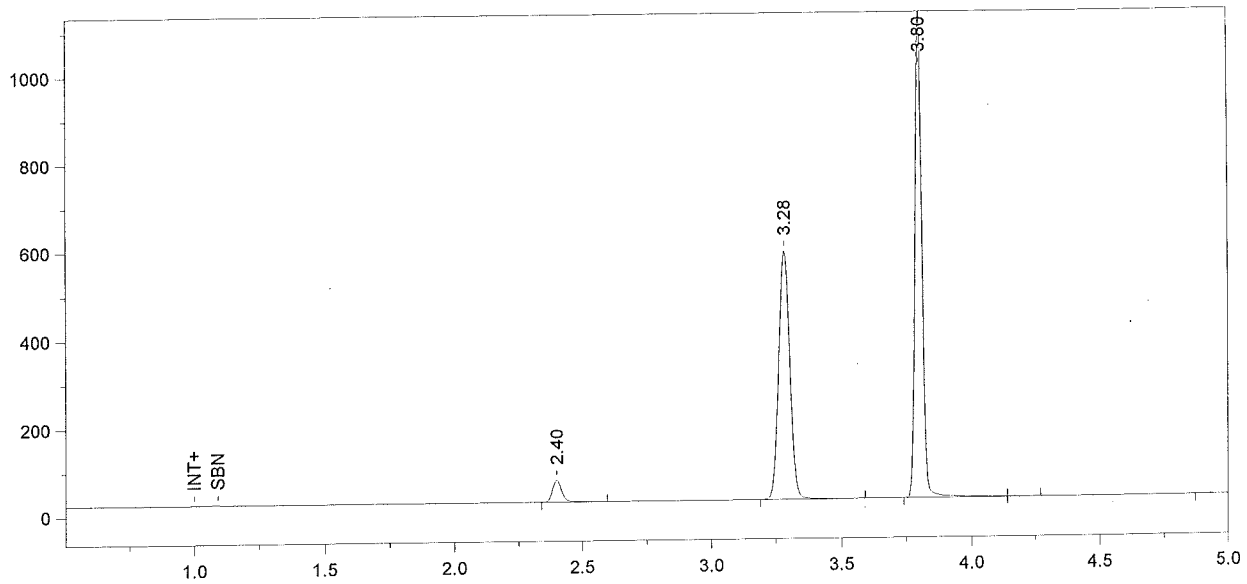
Today's Time = 8:00:46 PM
Bound File Name = Alc101509.0019.RAW
Sample Name = CCS
Date Taken = 10/15/2009 8:00:40 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

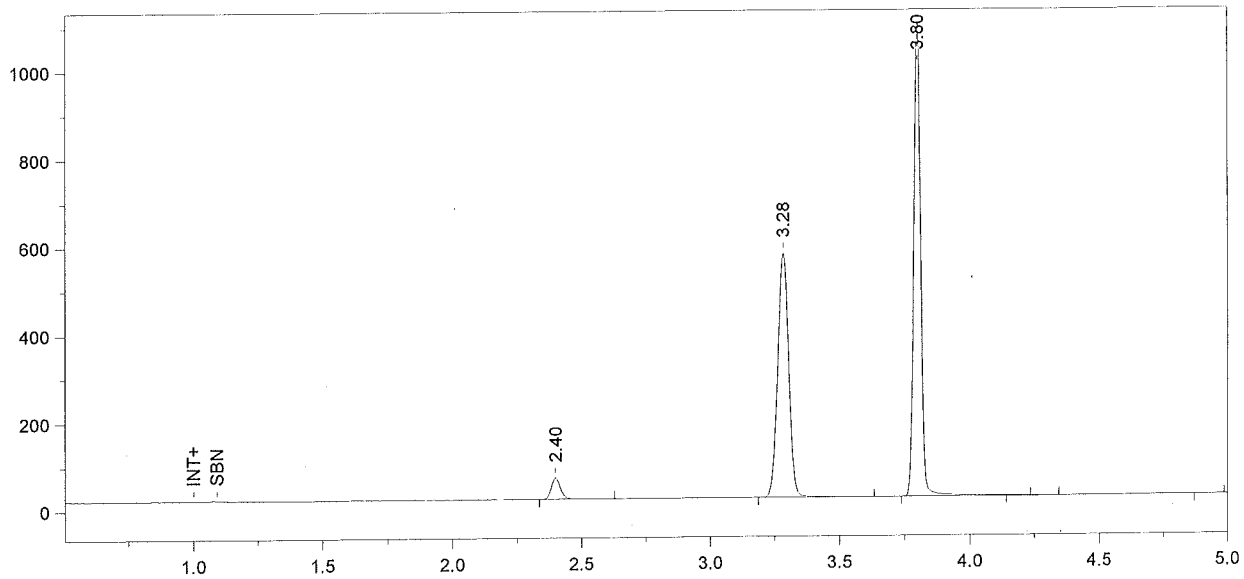
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
1	2.40	Ethanol	424527	0.0815
2	3.28	t-Butanol	1708172	1.0018
3	3.80	n-Propanol	2052354	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/15/2009
Today's Time = 8:15:45 PM
Bound File Name = Alc101509.0020.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/15/2009 8:15:42 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	128645	0.0249	0.0203
2	3.28	t-Butanol	1684265	0.9972	0.8139
3	3.80	n-Propanol	2033117	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/15/2009
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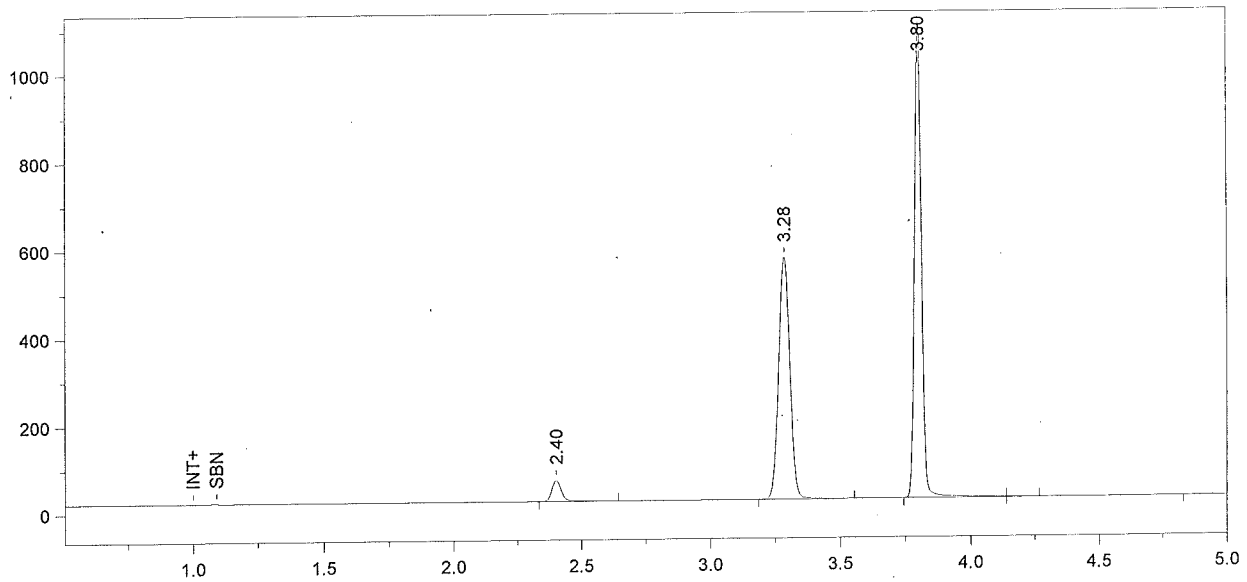
Bound File Name = Alc101509.0021.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/15/2009 8:30:30 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	126658	0.0248	0.0203
2	3.28	t-Butanol	1662554	0.9954	0.8125
3	3.80	n-Propanol	2010444	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/15/2009
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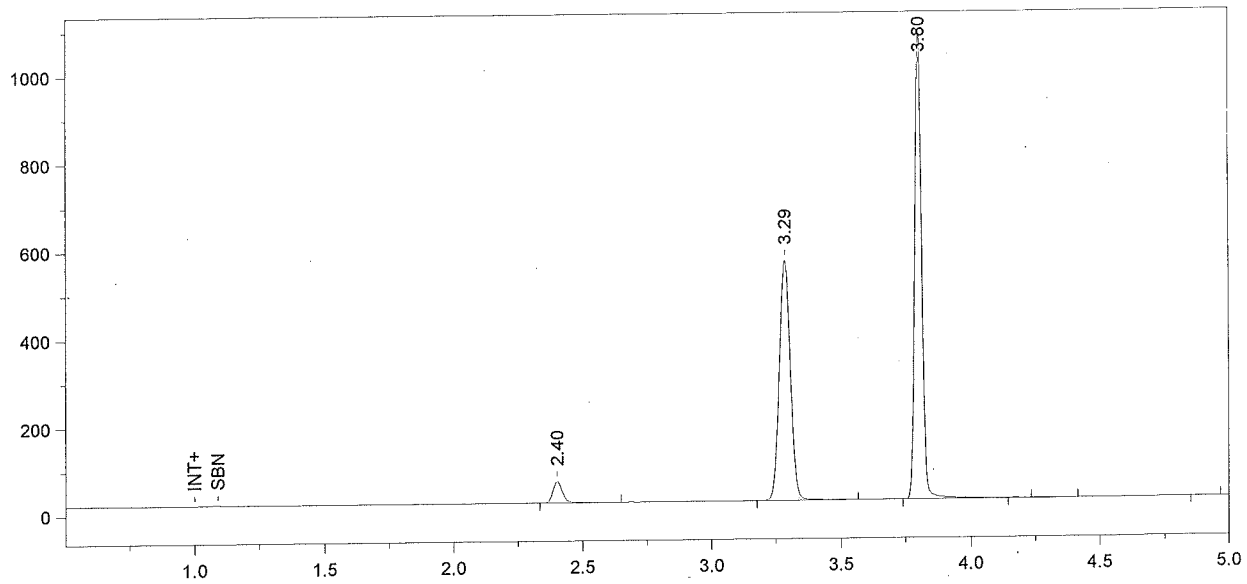
Bound File Name = Alc101509.0022.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/15/2009 8:45:32 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

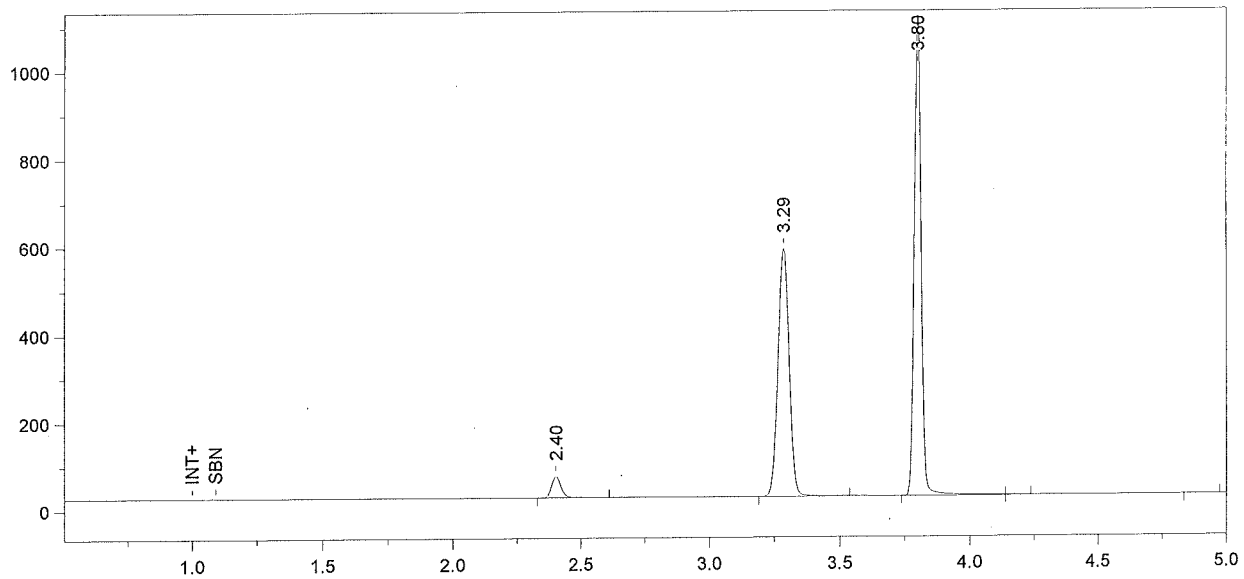
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	125764	0.0249	0.0203
2	3.28	t-Butanol	1650181	0.9970	0.8137
3	3.80	n-Propanol	1992348	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/15/2009
Today's Time = 9:00:34 PM
Bound File Name = Alc101509.0023.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/15/2009 9:00:33 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	126969	0.0252	0.0205
2	3.29	t-Butanol	1628771	0.9866	0.8052
3	3.80	n-Propanol	1987291	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/15/2009
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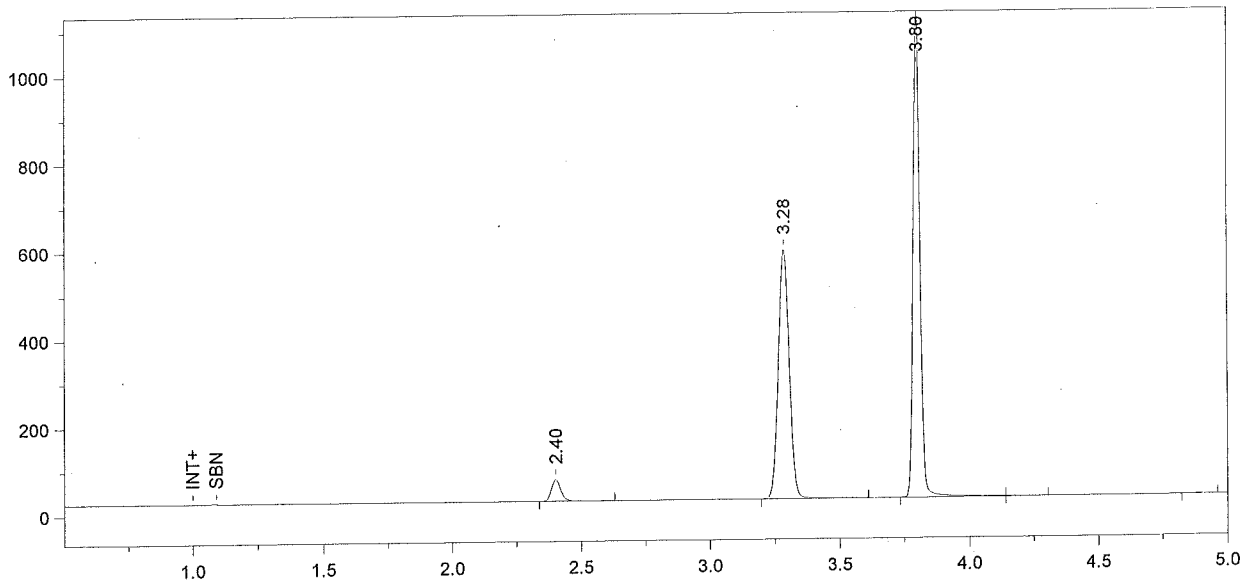
Bound File Name = Alc101509.0024.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/15/2009 9:15:35 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	126979	0.0248	0.0202
2	3.29	t-Butanol	1682634	1.0039	0.8194
3	3.80	n-Propanol	2017589	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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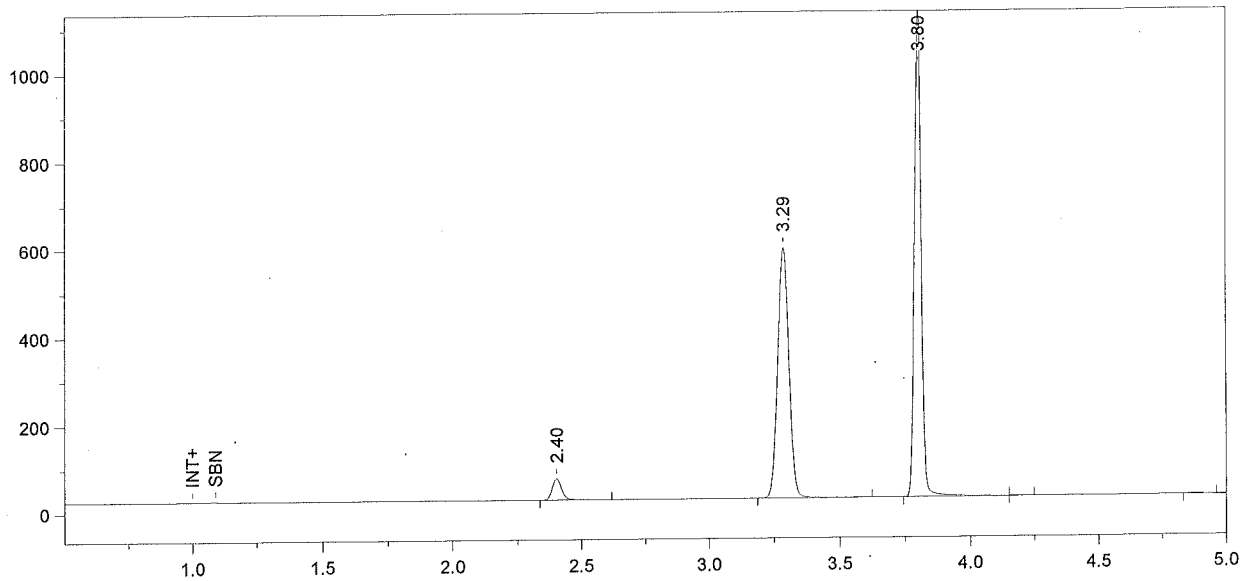
Bound File Name = Alc101509.0025.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/15/2009 9:30:37 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

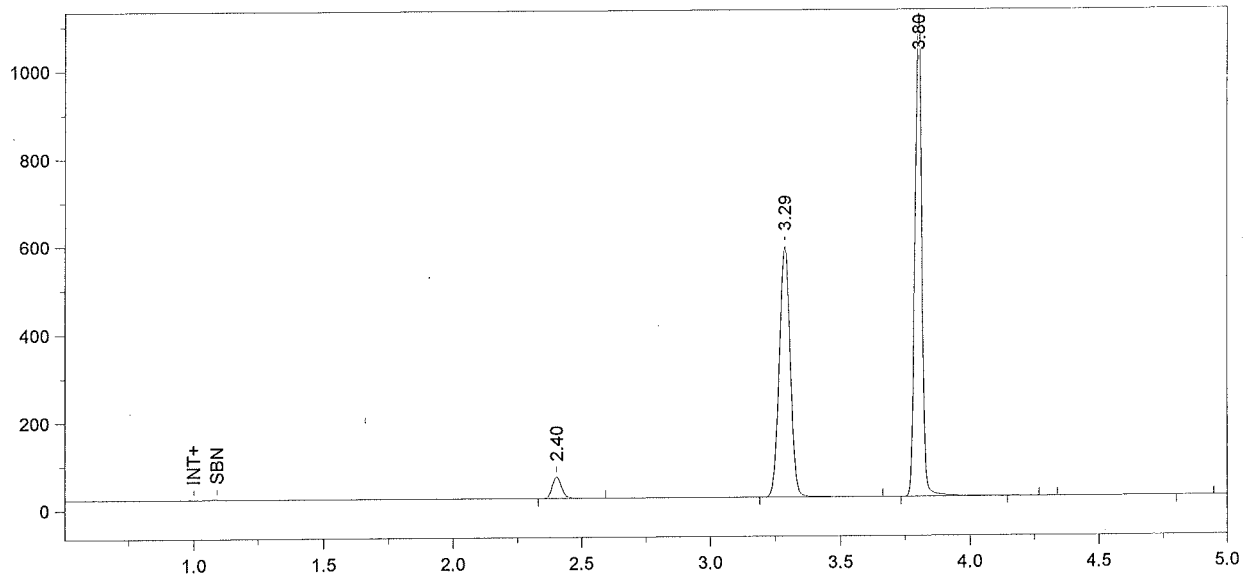
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	127352	0.0248	0.0202
2	3.28	t-Butanol	1689177	1.0051	0.8203
3	3.80	n-Propanol	2023037	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/15/2009
Today's Time = 9:45:45 PM
Bound File Name = Alc101509.0026.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 10/15/2009 9:45:39 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

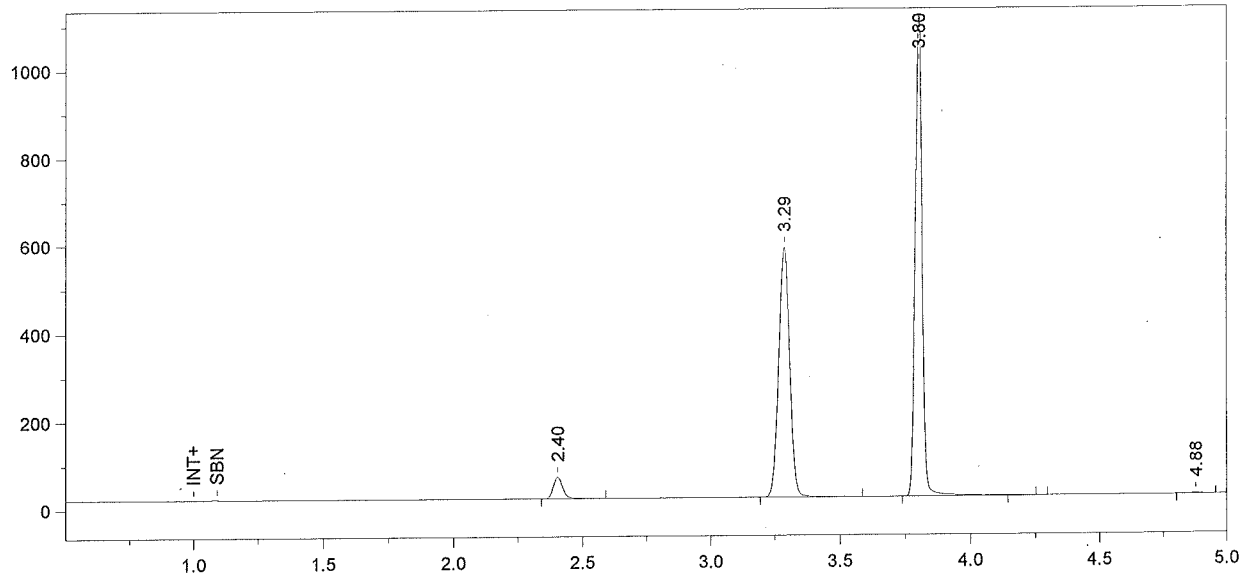
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	128017	0.0248	0.0202
2	3.29	t-Butanol	1694964	1.0025	0.8183
3	3.80	n-Propanol	2035069	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/15/2009
Today's Time = 10:00:44 PM
Bound File Name = Alc101509.0027.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 10/15/2009 10:00:40 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	127366	0.0246	0.0201
2	3.29	t-Butanol	1694660	1.0006	0.8167
3	3.80	n-Propanol	2038609	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/15/2009
Today's Time = 10:15:44 PM
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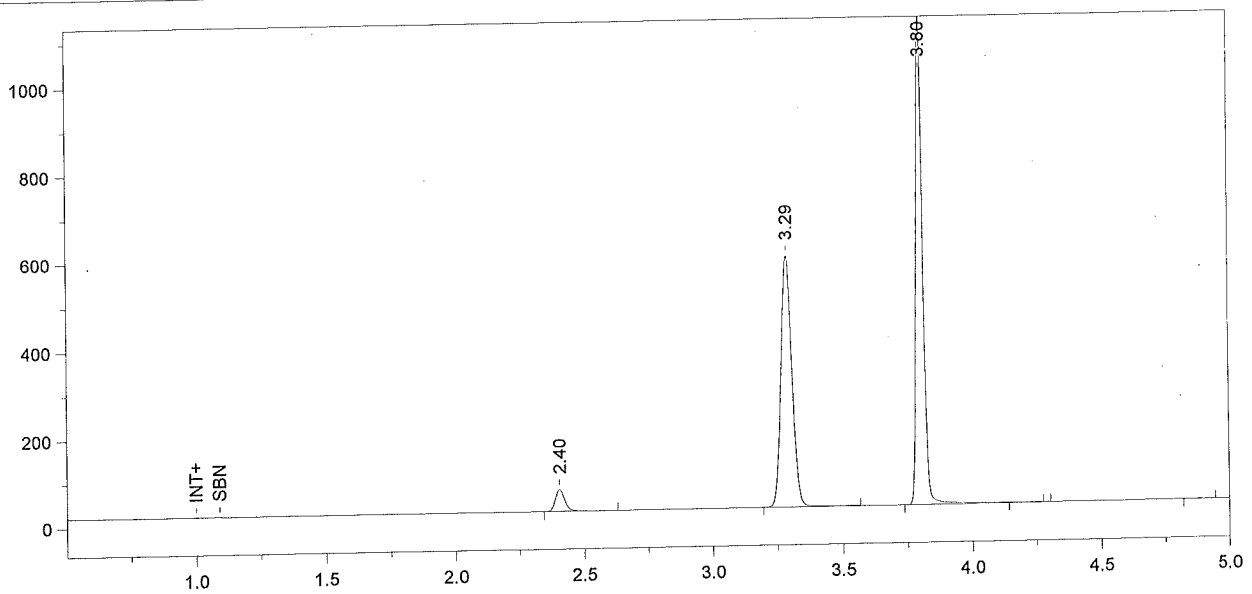
Sample Name = 0.02 Sim ALB
Date Taken = 10/15/2009 10:15:41 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	128364	0.0249	0.0203
2	3.29	t-Butanol	1683108	0.9980	0.8146
3	3.80	n-Propanol	2029977	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

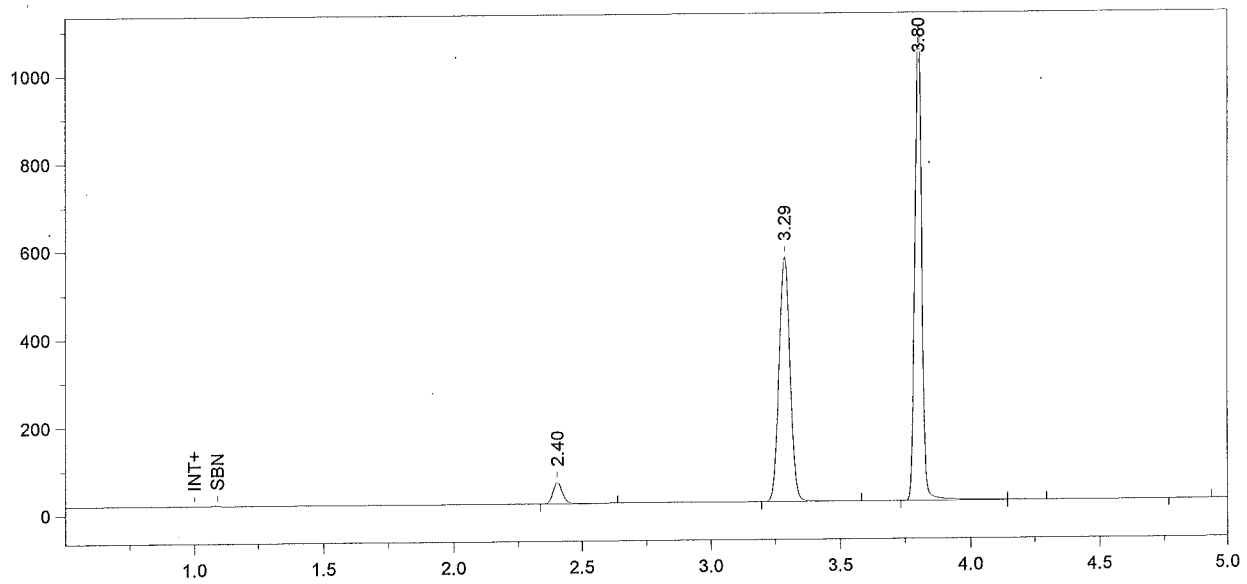
Today's Date = 10/15/2009
Today's Time = 10:30:47 PM

Bound File Name = Alc101509.0029.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 10/15/2009 10:30:42 PM
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

VDH Headspace Alcohol

Calibration Version = 126

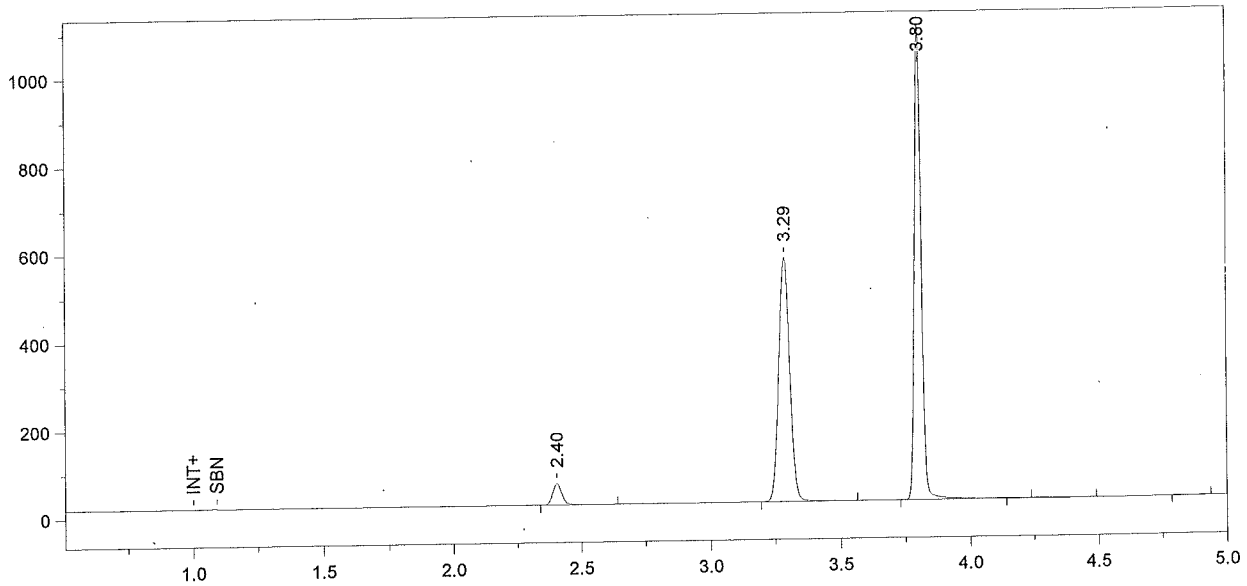
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	129869	0.0250	0.0204
2	3.29	t-Butanol	1695064	0.9972	0.8139
3	3.80	n-Propanol	2046188	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/15/2009
Today's Time = 10:45:48 PM
Bound File Name = Alc101509.0030.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 10/15/2009 10:45:42 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

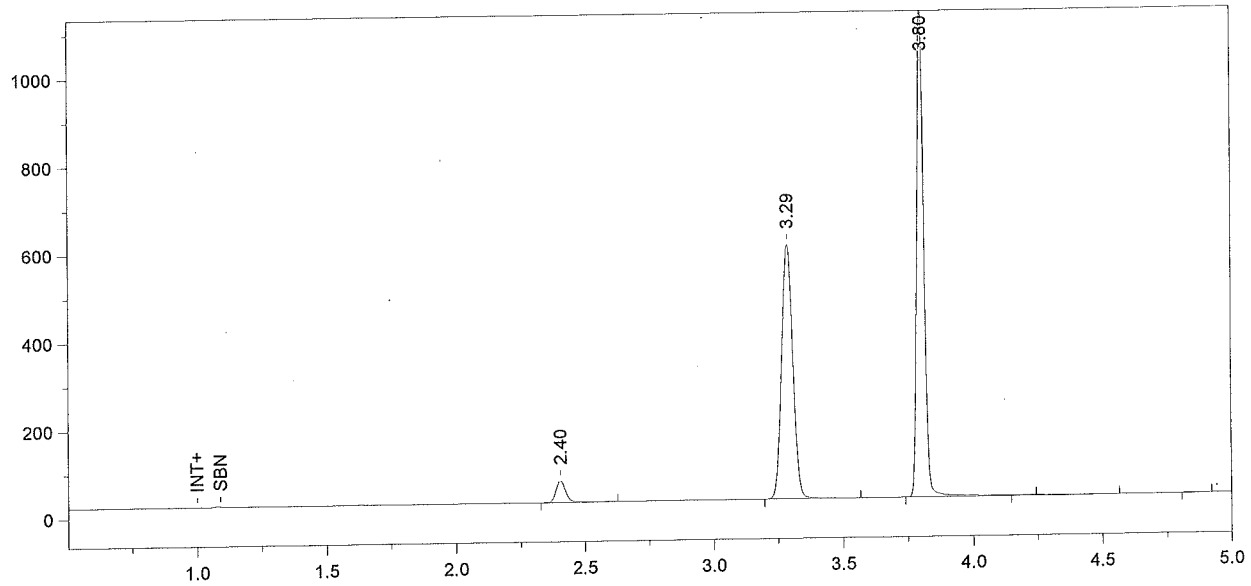
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	128275	0.0252	0.0205
2	3.29	t-Butanol	1655849	0.9924	0.8100
3	3.80	n-Propanol	2008514	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/15/2009
Today's Time = 11:00:57 PM
Bound File Name = Alc101509.0031.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 10/15/2009 11:00:55 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	127812	0.0250	0.0204
2	3.29	t-Butanol	1659393	0.9934	0.8108
3	3.80	n-Propanol	2010626	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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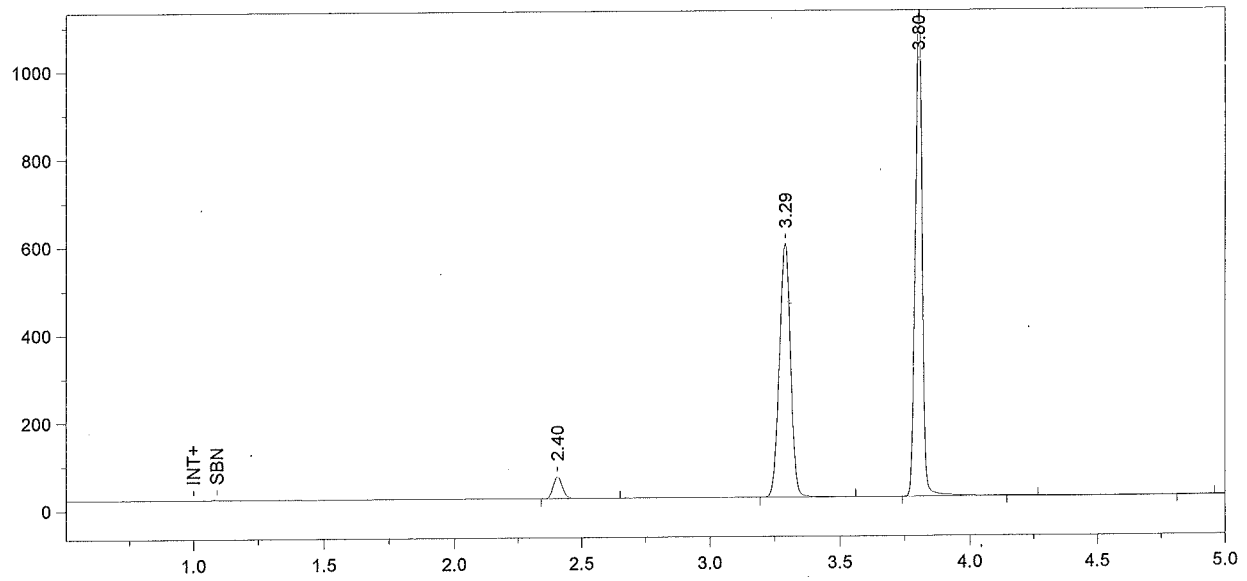
Today's Time = 11:16:02 PM
Bound File Name = Alc101509.0032.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 10/15/2009 11:15:56 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	130266	0.0247	0.0202
2	3.29	t-Butanol	1723597	0.9983	0.8148
3	3.80	n-Propanol	2078338	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/15/2009
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Sample Name = 0.02 Sim ALB
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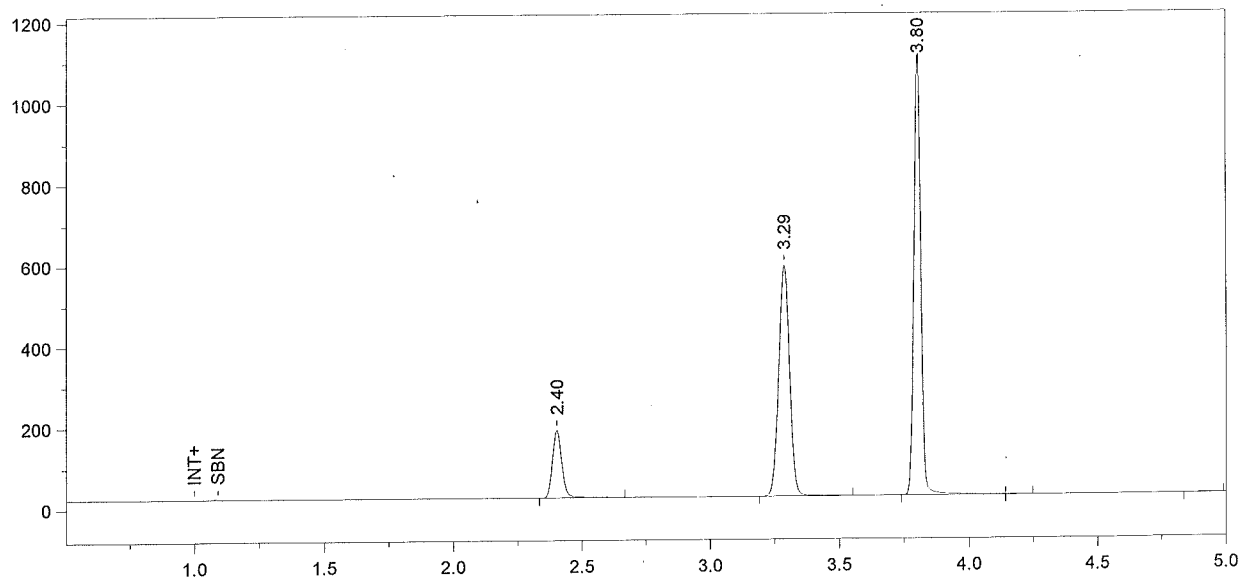
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.40	Ethanol	130499	0.0240	0.0196
2	3.29	t-Butanol	1720153	0.9665	0.7888
3	3.80	n-Propanol	2142445	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

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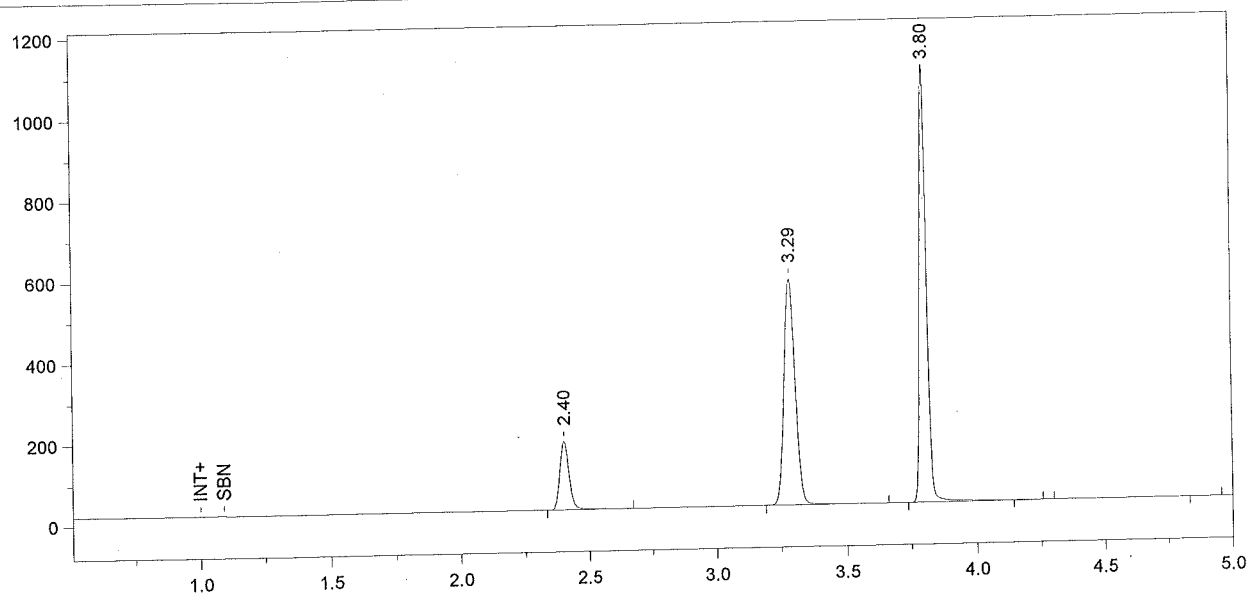
Sample Name = CCS
Date Taken = 10/15/2009 11:45:47 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
1	2.40	Ethanol	423971	0.0826
2	3.29	t-Butanol	1680890	1.0012
3	3.80	n-Propanol	2020881	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 10/16/2009
Today's Time = 12:00:51 AM
Bound File Name = Alc101509.0035.RAW
Sample Name = CCS
Date Taken = 10/16/2009 12:00:48 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 126

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
1	2.40	Ethanol	434550	0.0855
2	3.29	t-Butanol	1661069	0.9991
3	3.80	n-Propanol	2001312	1.0000