Vermont Department of Health Laboratory
Toxicology Program

195 Colchester Avenue, P.O. Box 1125, Burlington VT 05402-1125
(ph) 802-863-7336; (fax) 802-863-7632

Certificate of Analysis of DataMaster Certification Solution

On 4/2/2009, an ethanol solution was prepared by Darcy Richardson for use as a DataMaster Certification solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-34-020 and an expiration date of 4/2/2010.

On 4/2/2009 and 4/16/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.021 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification solution.

Dated at Burlington, Vermont on April 17th, 2009.

Darcy Richardson

Lot # 09-34-020

Prepared by DMR
Prepared on 4/2/09

Analyzed on 4/2/09, 4/16/09
analyzed by DMR and ALB

0.0228	0.0214	**Target**	**0.021**
0.0226	0.0211		
0.0223	0.0212		
0.0224	0.0210		
0.0222	0.0211		
0.0223	0.0215		
0.0225	0.0213		
0.0225	0.0211		
0.0222	0.0211		
0.0223	0.0214		
0.0223	0.0210		
0.0223	0.0213		
0.0225	0.0212		
0.0198	0.0213		
0.0222	**0.0212** mean		
0.0007145	0.000156 std dev		

Reviewed

File Name: C:\Methods\BloodAlcohol4.cal
Version: 62

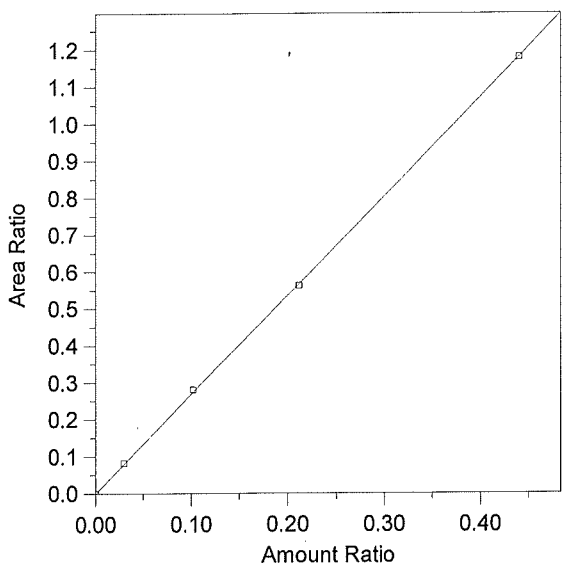
Creator:
Description:
Reason for change:

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:	2.446 minutes
Search window:	0.08 minutes
Internal standard component:	7 (n-Propanol)
No retention time reference component	
Group number:	0
High alarm limit:	0
Low alarm limit:	0
Component constant:	0

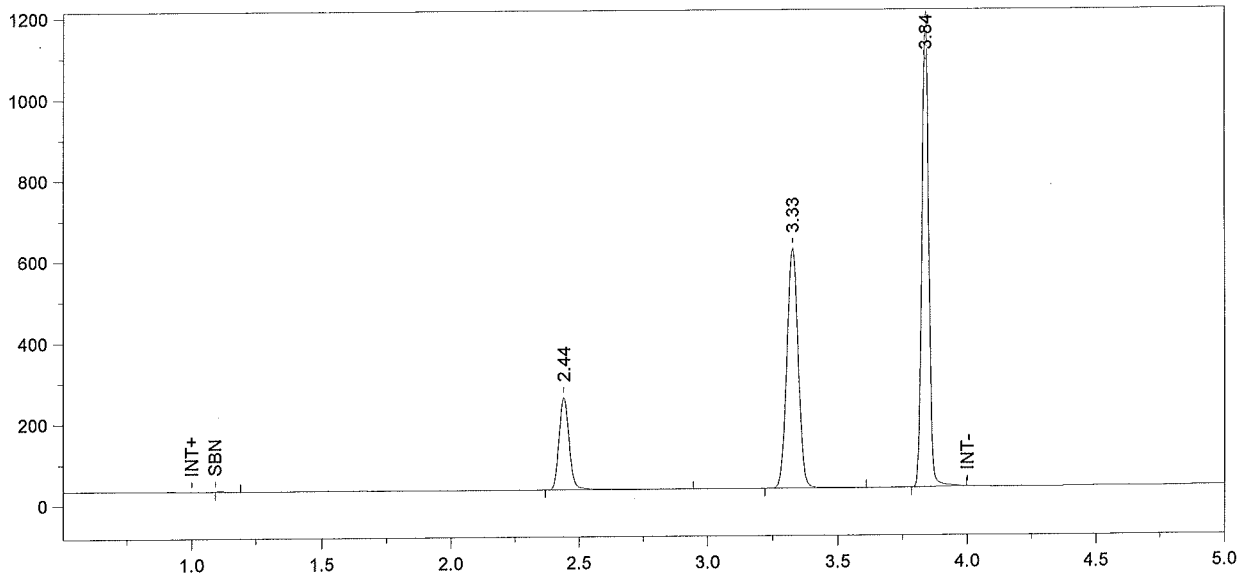
Single peak quantification by area

Y = 2.677632 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9999204
Average error:	1.431%
Average CF:	2.172182
RSD:	55.950%

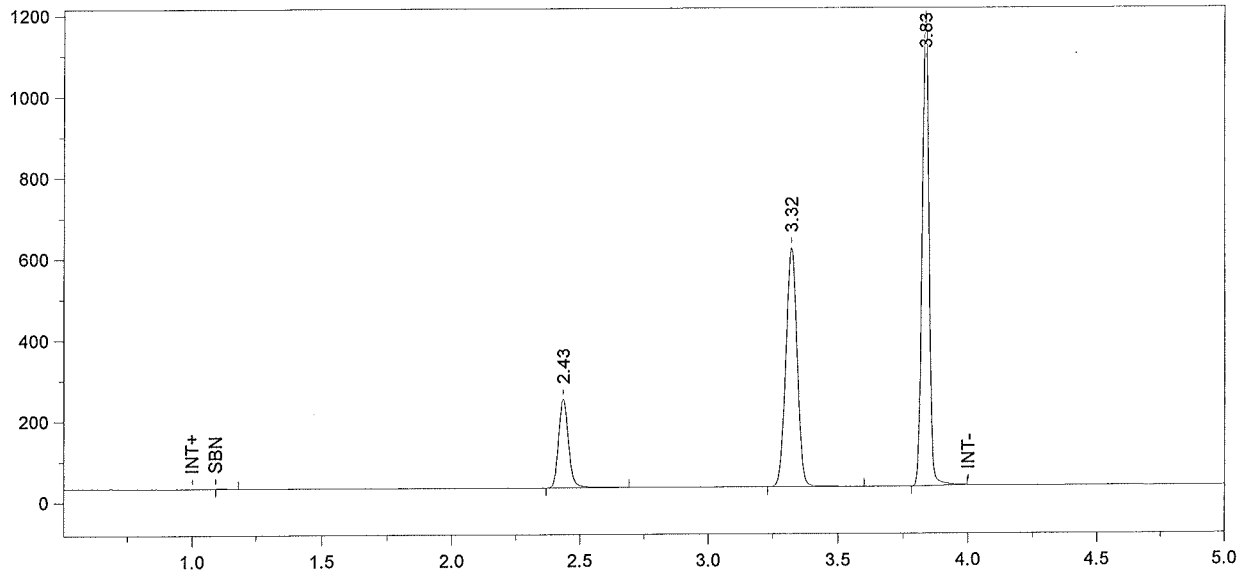
Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	--	0.000	0	0	Manual	4/11/2005 10:03:40 AM
2	0.0296	183742.2	6207507	3.955	0.0296	8.239269E-02	C:\Alcohol Data\Alc040209\Alc040209.0003.BND	4/2/2009 12:13:15 PM
3	0.1022	624600.9	6111555	2.399	0.1022	0.2802188	C:\Alcohol Data\Alc040209\Alc040209.0004.BND	4/2/2009 12:28:45 PM
4	0.212	1265274	5968274	-0.769	0.212	0.5632921	C:\Alcohol Data\Alc040209\Alc040209.0005.BND	4/2/2009 12:43:20 PM
5	0.4402	2635530	5987120	0.031	0.4402	1.179061	C:\Alcohol Data\Alc040209\Alc040209.0006.BND	4/2/2009 12:58:18 PM



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 4:25:30 PM
Bound File Name = Sim040209.0001.RAW
Sample Name = CCS
Date Taken = 4/2/2009 4:25:21 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

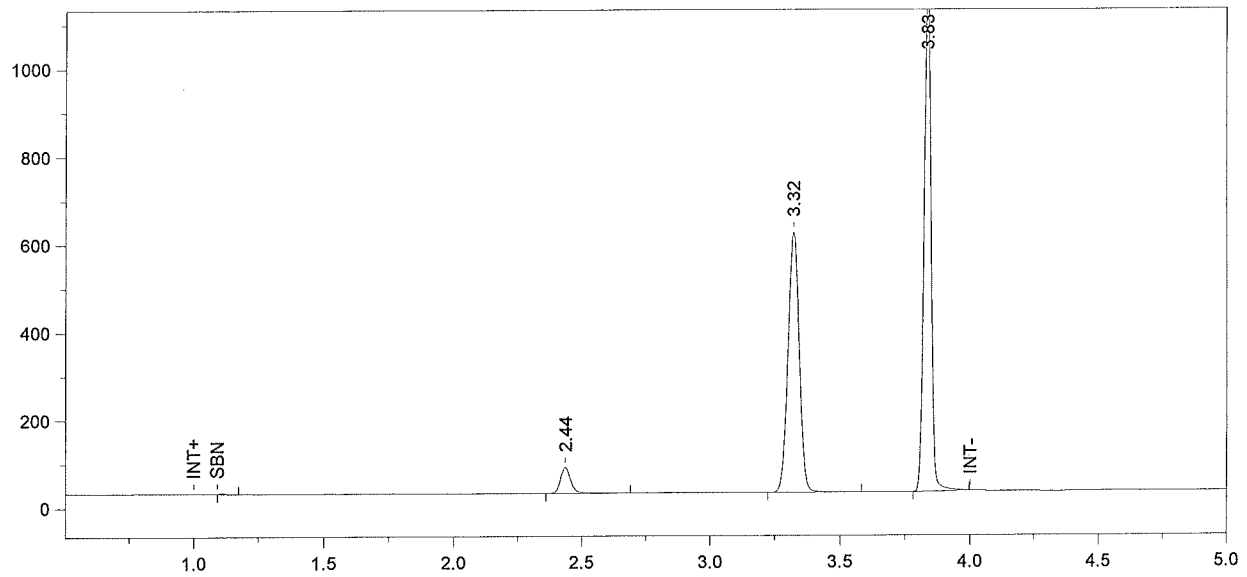
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.44	Ethanol	628581	0.1084
3	3.33	t-Butanol	1789555	0.9913
4	3.84	n-Propanol	2166203	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 4:40:14 PM
Bound File Name = Sim040209.0002.RAW
Sample Name = CCS
Date Taken = 4/2/2009 4:40:05 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

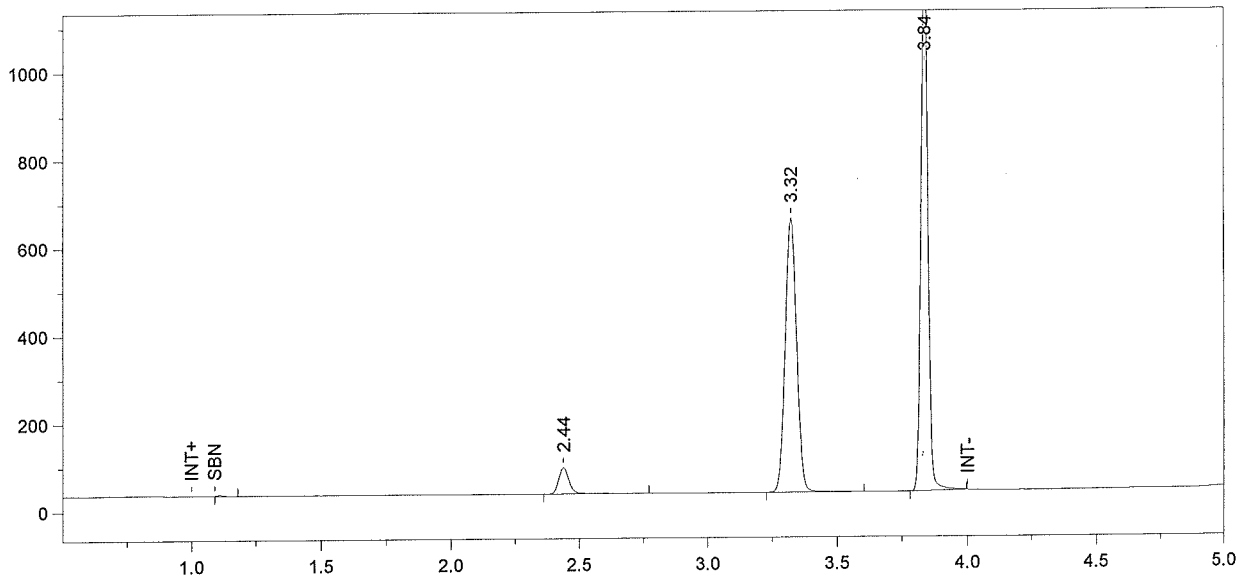
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.43	Ethanol	597915	0.1035
3	3.32	t-Butanol	1774509	0.9865
4	3.83	n-Propanol	2158472	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 4:55:06 PM
Bound File Name = Sim040209.0003.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 4/2/2009 4:55:05 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

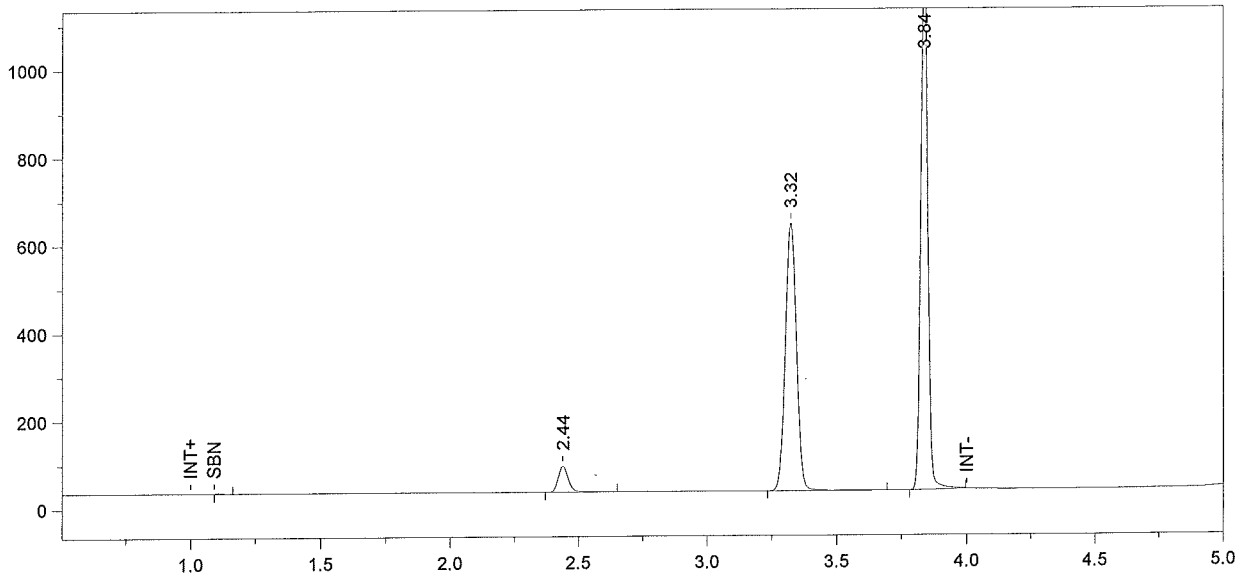
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.44	Ethanol	162702	0.0280	0.0228
3	3.32	t-Butanol	1792825	0.9906	0.8085
4	3.83	n-Propanol	2171669	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 5:10:10 PM
Bound File Name = Sim040209.0004.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 4/2/2009 5:10:06 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

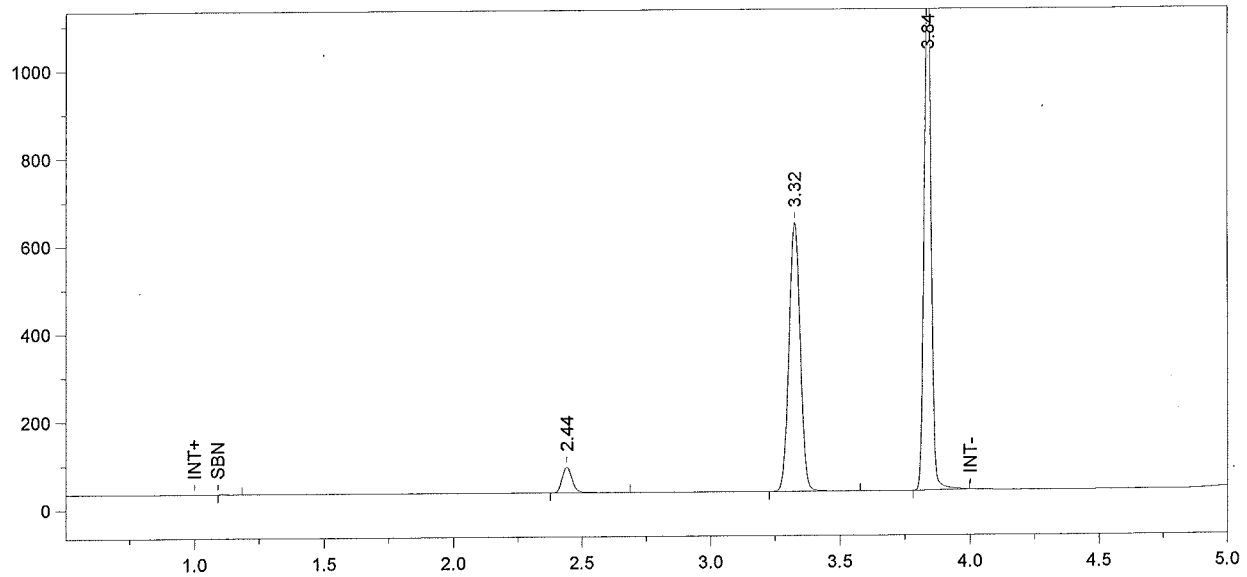
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.44	Ethanol	167447	0.0277	0.0226
3	3.32	t-Butanol	1876454	0.9970	0.8137
4	3.84	n-Propanol	2258434	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 5:25:11 PM
Bound File Name = Sim040209.0005.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 4/2/2009 5:25:07 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

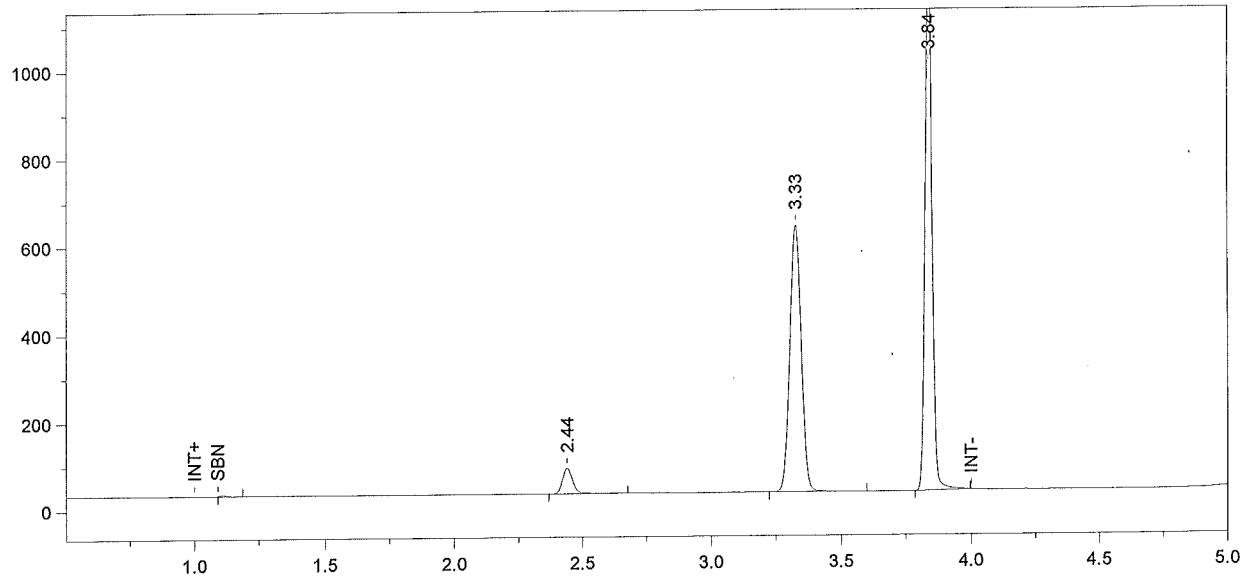
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.44	Ethanol	163916	0.0273	0.0223
3	3.32	t-Butanol	1844903	0.9878	0.8062
4	3.84	n-Propanol	2241174	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 5:40:16 PM
Bound File Name = Sim040209.0006.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 4/2/2009 5:40:07 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

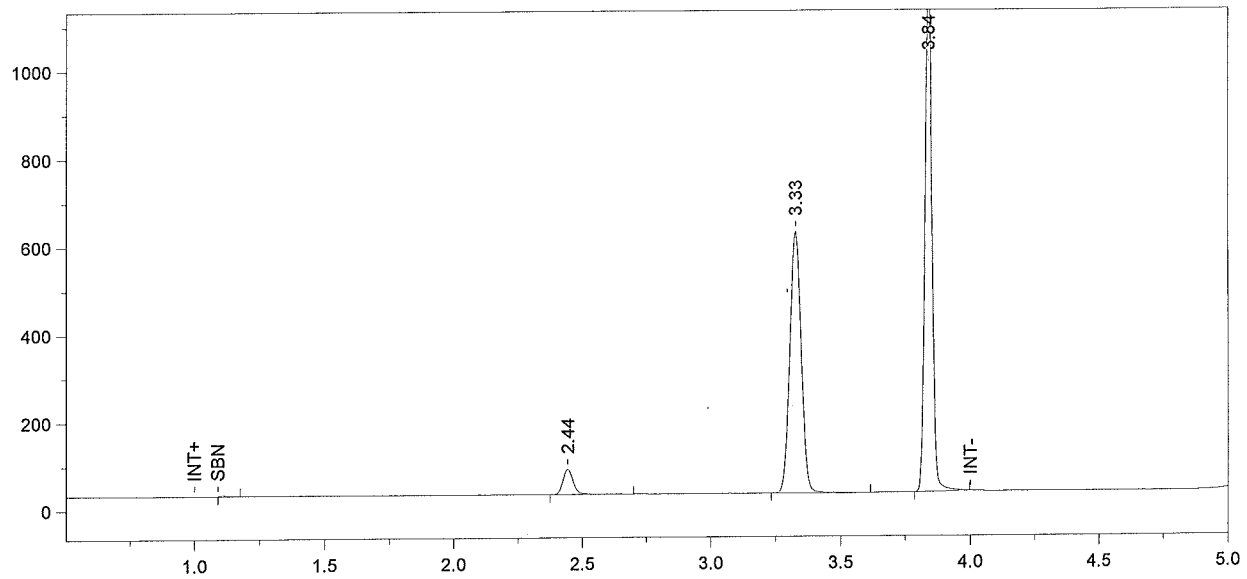
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.44	Ethanol	164280	0.0274	0.0224
3	3.32	t-Butanol	1851643	0.9921	0.8098
4	3.84	n-Propanol	2239528	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 5:55:17 PM
Bound File Name = Sim040209.0007.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 4/2/2009 5:55:14 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

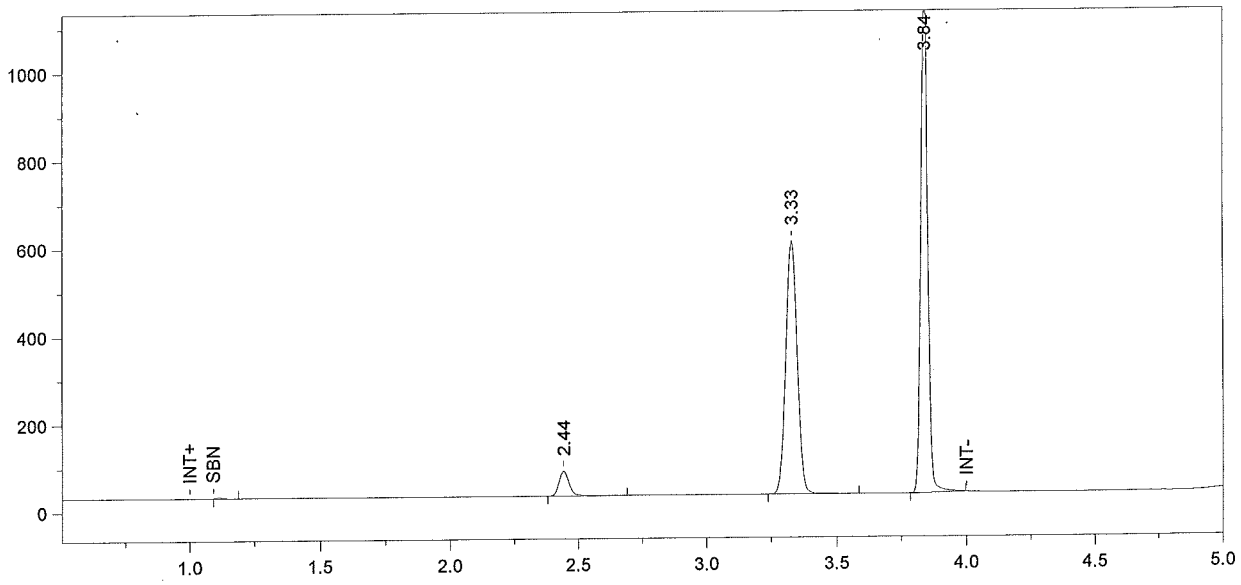
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.44	Ethanol	161951	0.0272	0.0222
3	3.33	t-Butanol	1838517	0.9922	0.8098
4	3.84	n-Propanol	2223446	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 6:10:26 PM
Bound File Name = Sim040209.0008.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 4/2/2009 6:10:21 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

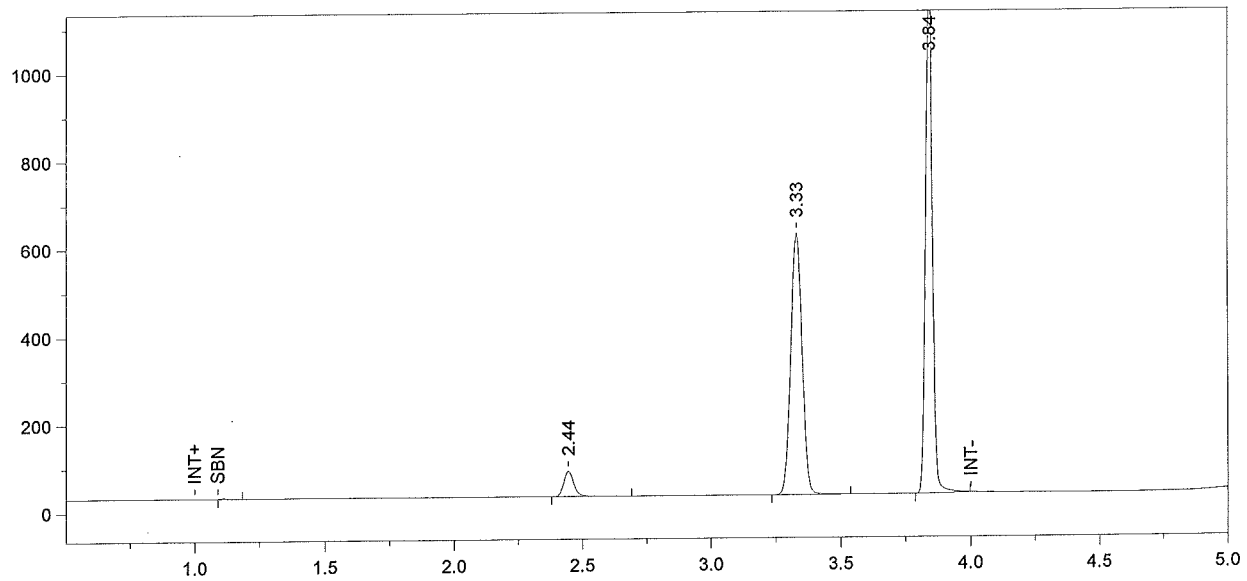
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.44	Ethanol	159718	0.0274	0.0223
3	3.33	t-Butanol	1799280	0.9908	0.8087
4	3.84	n-Propanol	2179142	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 6:25:15 PM
Bound File Name = Sim040209.0009.RAW
Sample Name = 0.02 Sim DMR
Date Taken = 4/2/2009 6:25:11 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

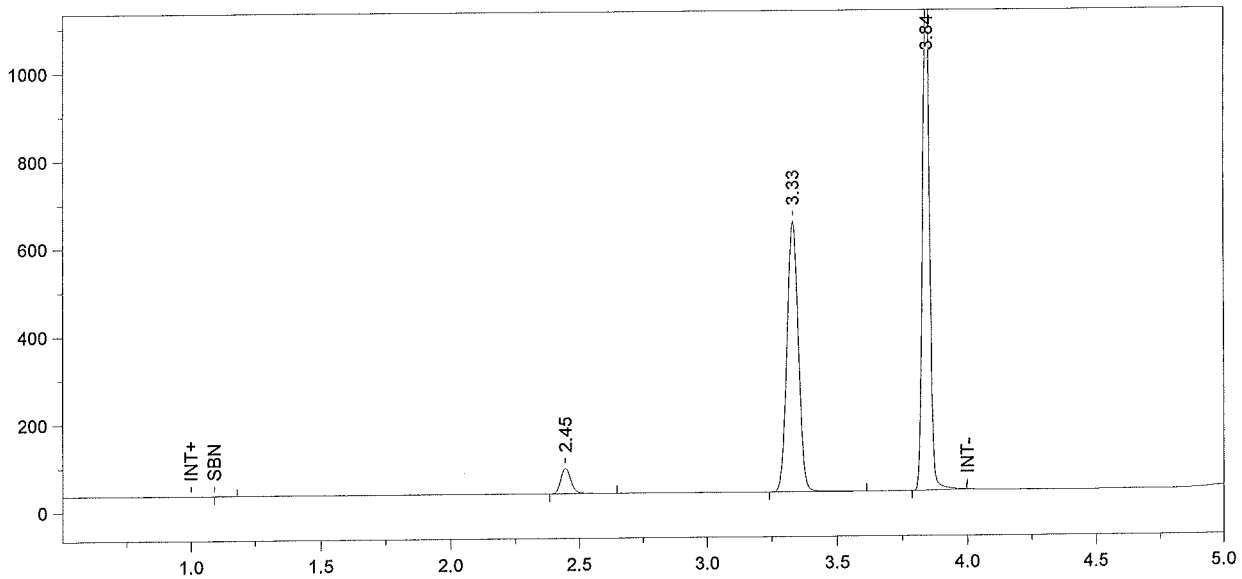
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.44	Ethanol	157540	0.0276	0.0225
3	3.33	t-Butanol	1749665	0.9848	0.8038
4	3.84	n-Propanol	2131887	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 6:40:22 PM
Bound File Name = Sim040209.0010.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 4/2/2009 6:40:12 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

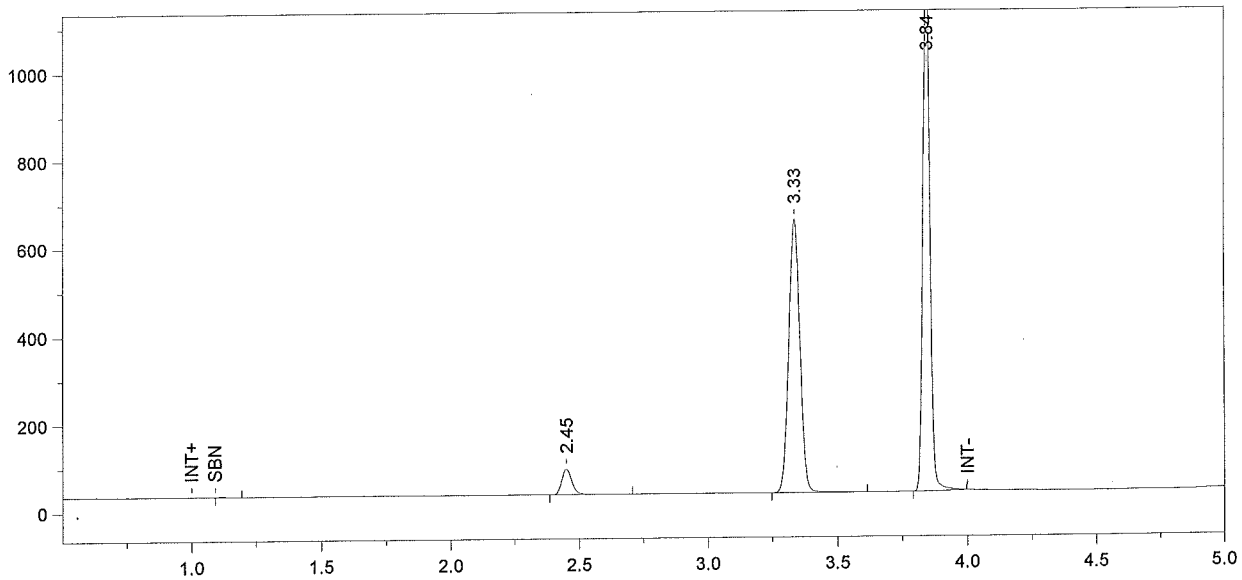
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.44	Ethanol	160935	0.0275	0.0225
3	3.33	t-Butanol	1795481	0.9864	0.8051
4	3.84	n-Propanol	2184160	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 6:55:20 PM
Bound File Name = Sim040209.0011.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 4/2/2009 6:55:13 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

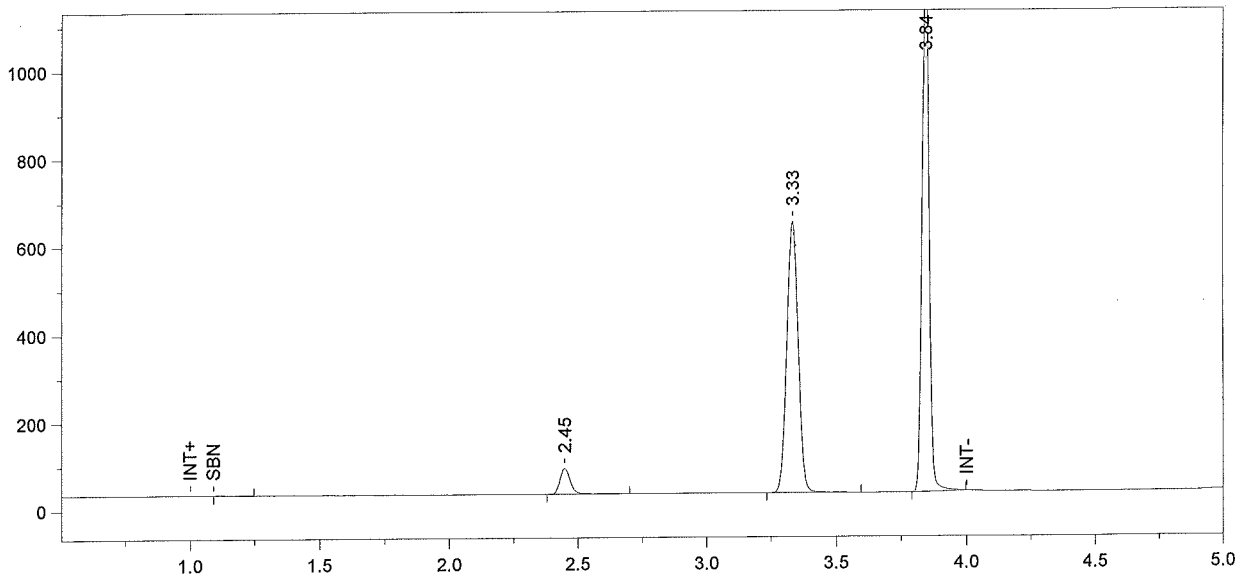
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.45	Ethanol	163472	0.0272	0.0222
3	3.33	t-Butanol	1861442	0.9940	0.8113
4	3.84	n-Propanol	2247082	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 7:10:23 PM
Bound File Name = Sim040209.0012.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 4/2/2009 7:10:15 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

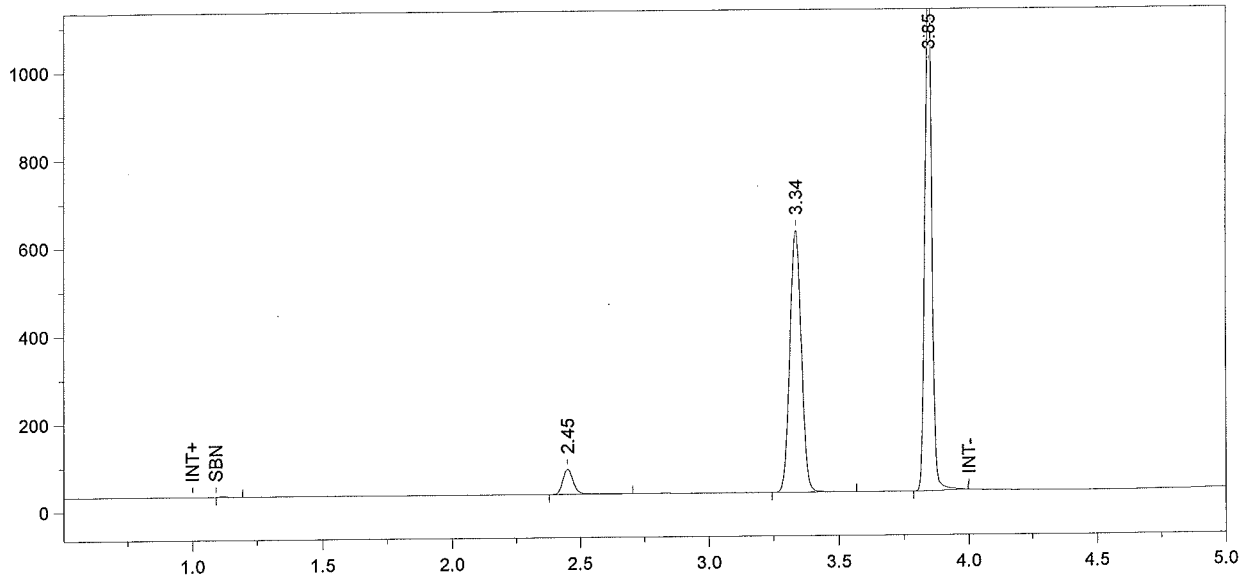
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.45	Ethanol	164400	0.0273	0.0223
3	3.33	t-Butanol	1868596	0.9962	0.8131
4	3.84	n-Propanol	2250706	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 7:25:22 PM
Bound File Name = Sim040209.0013.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 4/2/2009 7:25:17 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

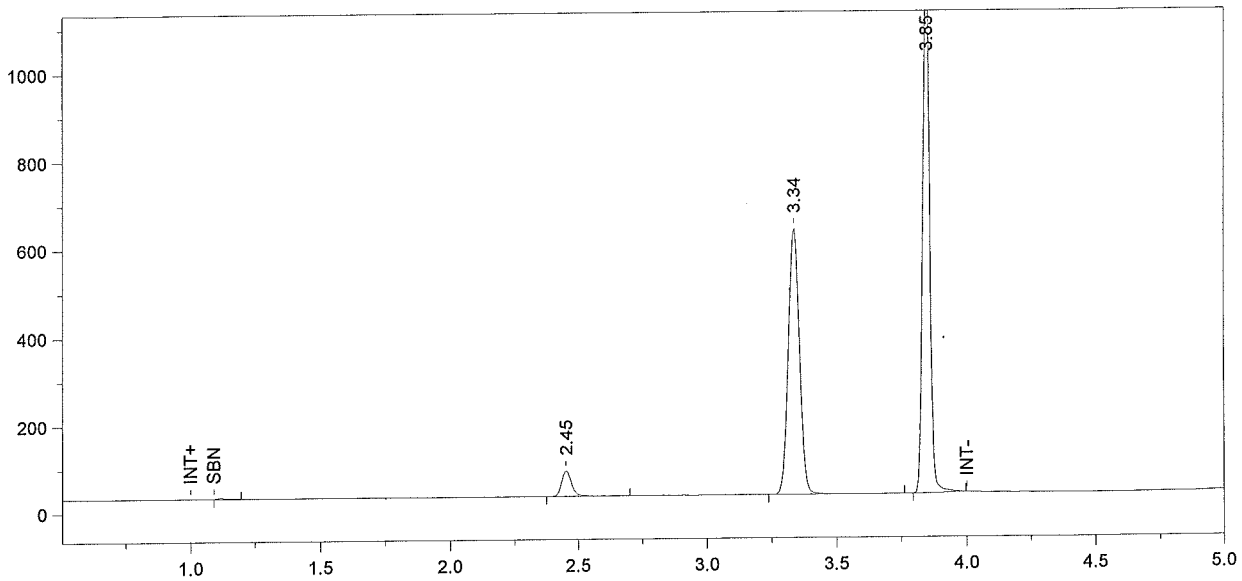
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.45	Ethanol	164501	0.0273	0.0223
3	3.33	t-Butanol	1860045	0.9922	0.8099
4	3.84	n-Propanol	2249367	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 7:40:29 PM
Bound File Name = Sim040209.0014.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 4/2/2009 7:40:19 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

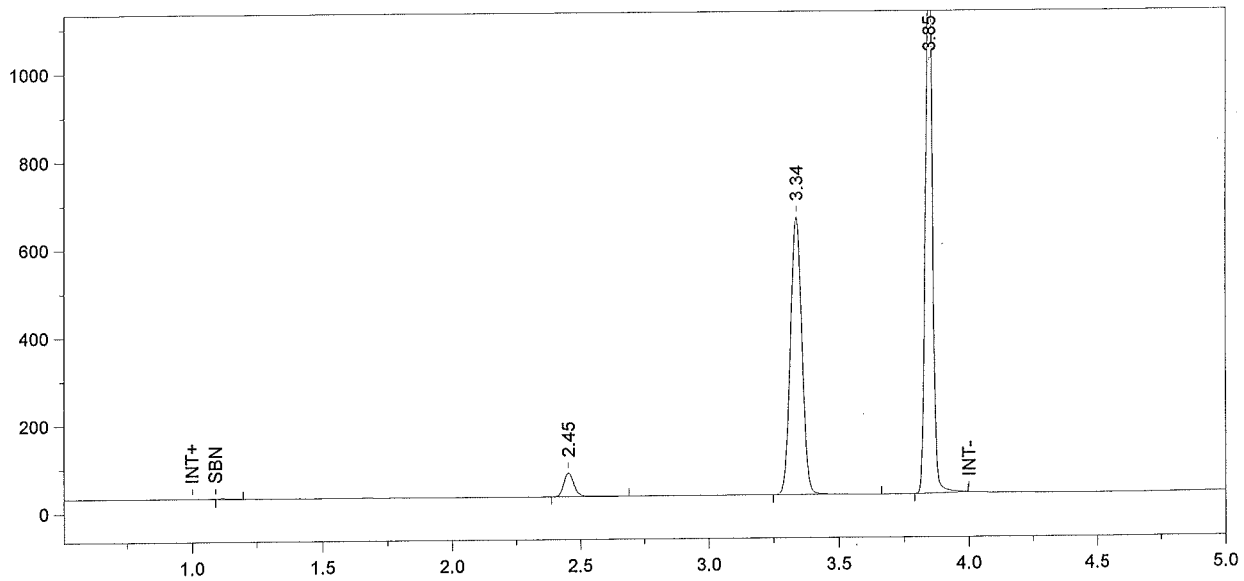
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.45	Ethanol	159855	0.0273	0.0223
3	3.34	t-Butanol	1799595	0.9890	0.8072
4	3.85	n-Propanol	2183386	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 7:55:27 PM
Bound File Name = Sim040209.0015.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 4/2/2009 7:55:20 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

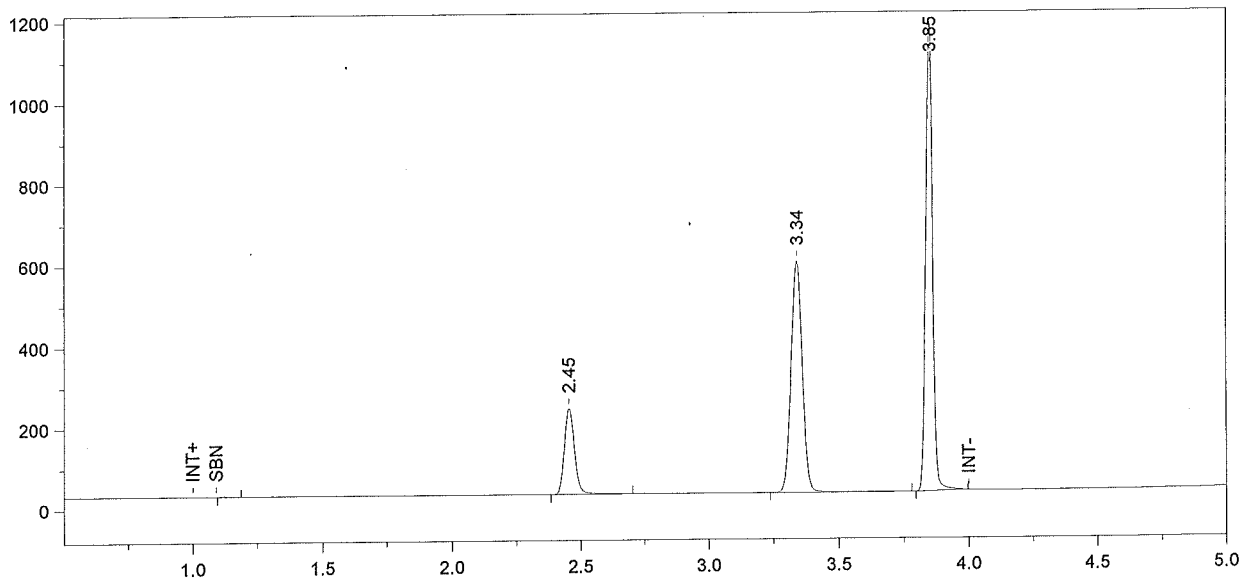
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.45	Ethanol	162880	0.0275	0.0225
3	3.34	t-Butanol	1829489	0.9929	0.8104
4	3.85	n-Propanol	2210978	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 8:10:22 PM
Bound File Name = Sim040209.0016.RAW
Sample Name = 0.02 Sim ALB
Date Taken = 4/2/2009 8:10:21 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

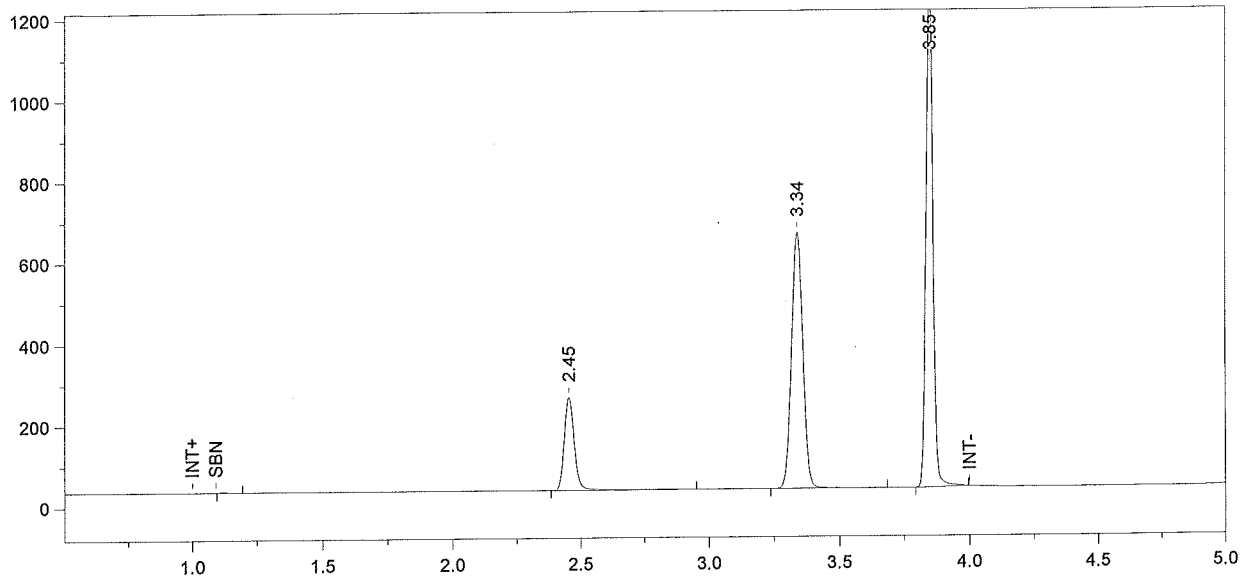
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.45	Ethanol	149862	0.0243	0.0198
3	3.34	t-Butanol	1916086	0.9981	0.8147
4	3.85	n-Propanol	2303520	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 8:25:23 PM
Bound File Name = Sim040209.0017.RAW
Sample Name = CCS
Date Taken = 4/2/2009 8:25:22 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.45	Ethanol	582305	0.1022
3	3.34	t-Butanol	1720001	0.9701
4	3.85	n-Propanol	2127511	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 4/2/2009
Today's Time = 8:40:46 PM
Bound File Name = Sim040209.0018.RAW
Sample Name = CCS
Date Taken = 4/2/2009 8:40:24 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 62

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.45	Ethanol	635419	0.1036
3	3.34	t-Butanol	1902101	0.9961
4	3.85	n-Propanol	2291400	1.0000

File Name: C:\Methods\BloodAlcohol4.cal
Version: 84

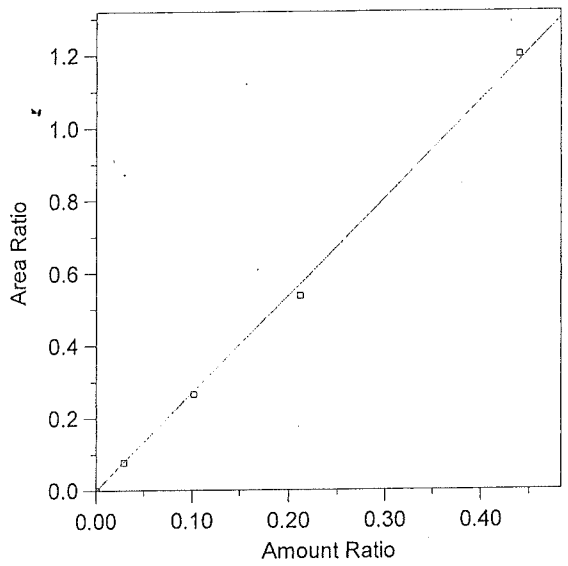
Creator:
Description:
Reason for change:

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

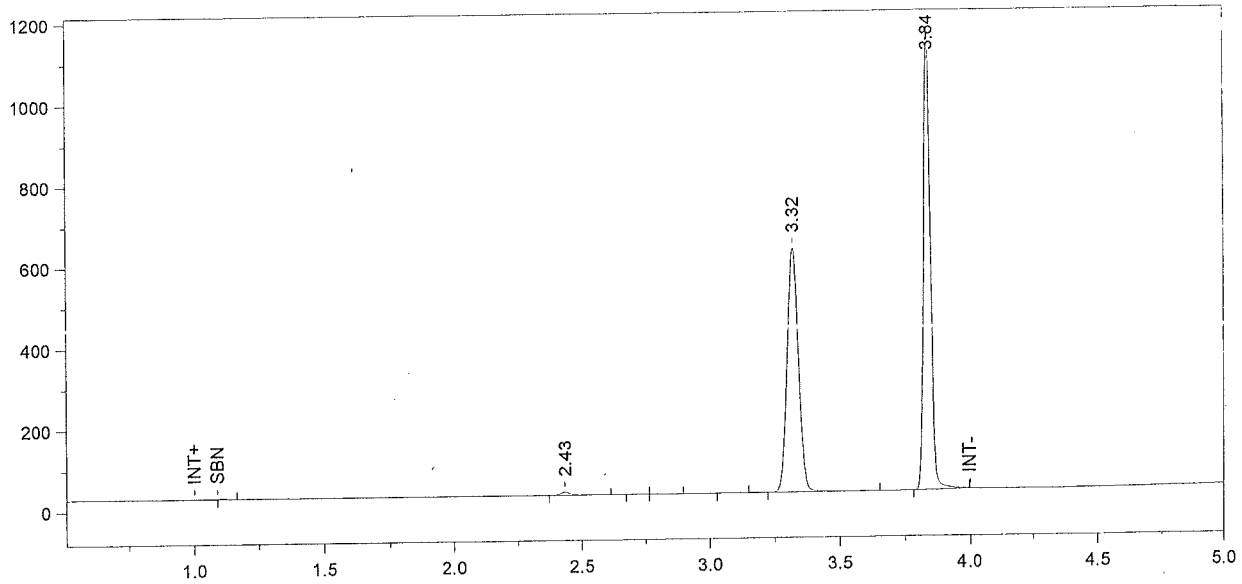
High alarm limit: 0
Low alarm limit: 0
Component constant: 0

Single peak quantification by area

Y = 2.684528 X + 0

Linear fit with equal weighting, forced to origin
Coefficient of determination: 0.9984469
Average error: 2.841%
Average CF: 2.08762
RSD: 56.005%

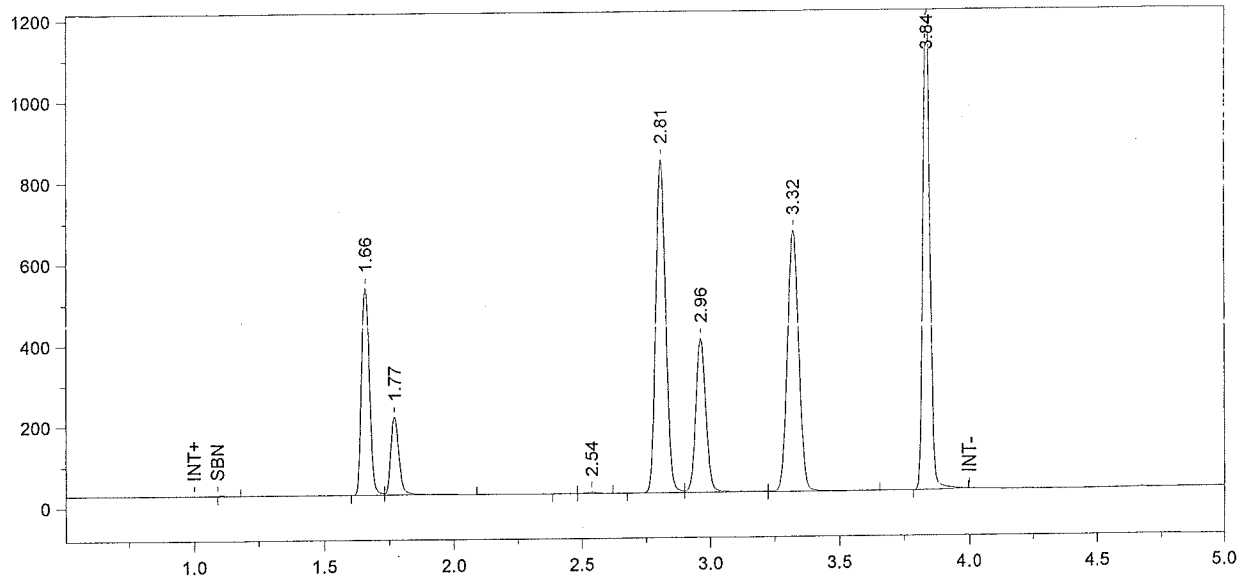
Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	--	0.000	0	0	Manual	4/11/2005 10:03:40 AM
2	0.0296	166935.1	5639699	-3.639	0.0296	7.657078E-02	C:\Alcohol Data\alc041609\alc041609.0003.BND	4/16/2009 2:12:29 PM
3	0.1022	613237.4	6000366	-3.373	0.1022	0.2651035	C:\Alcohol Data\alc041609\alc041609.0004.BND	4/16/2009 2:12:48 PM
4	0.212	1237562	5837557	-5.679	0.212	0.5367985	C:\Alcohol Data\alc041609\alc041609.0005.BND	4/16/2009 2:12:57 PM
5	0.4402	2699118	6131572	1.515	0.4402	1.199638	C:\Alcohol Data\alc041609\alc041609.0006.BND	4/16/2009 2:13:06 PM



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 4/16/2009
Today's Time = 2:13:52 PM
Bound File Name = alc041609.0001.RAW
Sample Name = Blank
Date Taken = 4/16/2009 9:43:25 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 84

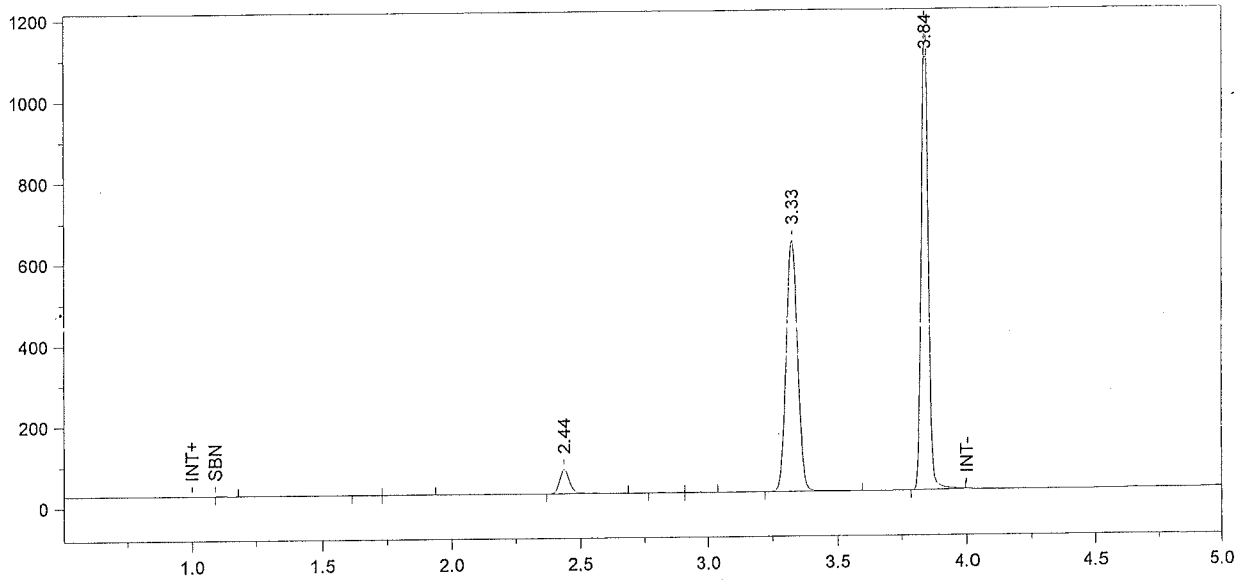
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.43	Ethanol	22276	<0.005
6	3.32	t-Butanol	1832452	0.9972
7	3.84	n-Propanol	2124084	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 4/16/2009
Today's Time = 2:13:55 PM
Bound File Name = alc041609.0002.RAW
Sample Name = TMX
Date Taken = 4/16/2009 9:58:02 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 84

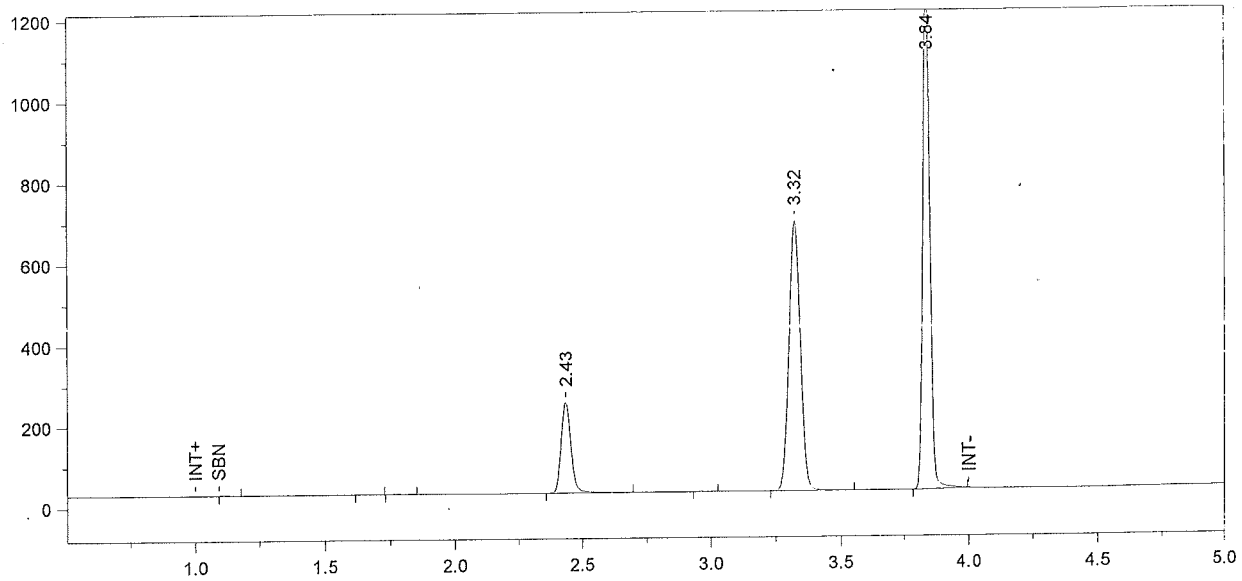
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	1.66	Acetaldehyde	1106670	0.0940
3	1.77	Methanol	438916	0.1524
6	2.81	Acetone	2181111	0.0818
7	2.96	Isopropanol	1064978	0.0894
8	3.32	t-Butanol	1958113	0.9981
9	3.84	n-Propanol	2267798	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 4/16/2009
Today's Time = 2:13:58 PM
Bound File Name = alc041609.0003.RAW
Sample Name = Std A
Date Taken = 4/16/2009 10:13:02 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 84

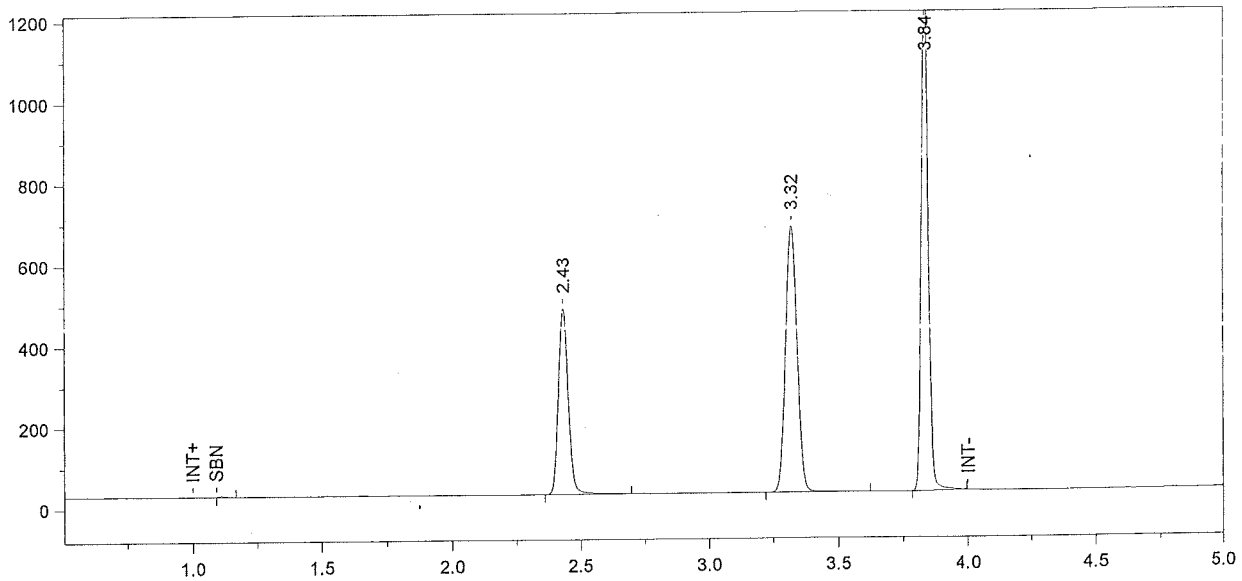
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.44	Ethanol	166935	0.0285
7	3.33	t-Butanol	1875891	0.9946
8	3.84	n-Propanol	2180141	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 4/16/2009
Today's Time = 2:14:01 PM
Bound File Name = alc041609.0004.RAW
Sample Name = Std B
Date Taken = 4/16/2009 10:28:04 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 84

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.43	Ethanol	613237	0.0988
6	3.32	t-Butanol	2007493	1.0032
7	3.84	n-Propanol	2313200	1.0000

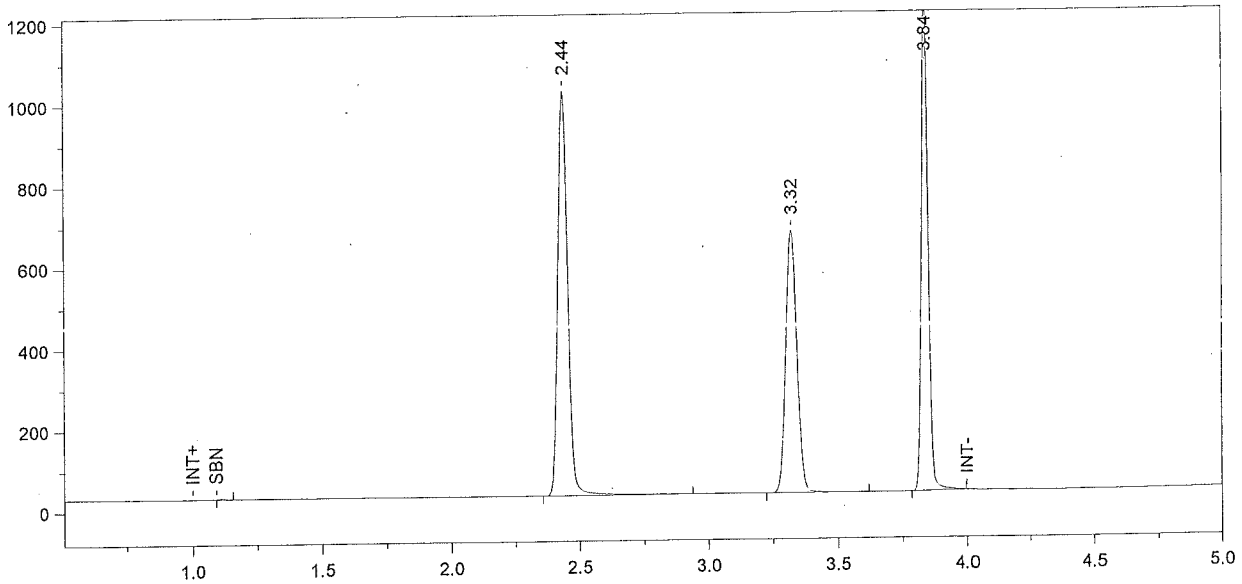


Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 4/16/2009
Today's Time = 2:14:05 PM
Bound File Name = alc041609.0005.RAW
Sample Name = Std C
Date Taken = 4/16/2009 10:43:05 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 84

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.43	Ethanol	1237562	0.2000
3	3.32	t-Butanol	1995856	1.0007
4	3.84	n-Propanol	2305450	1.0000

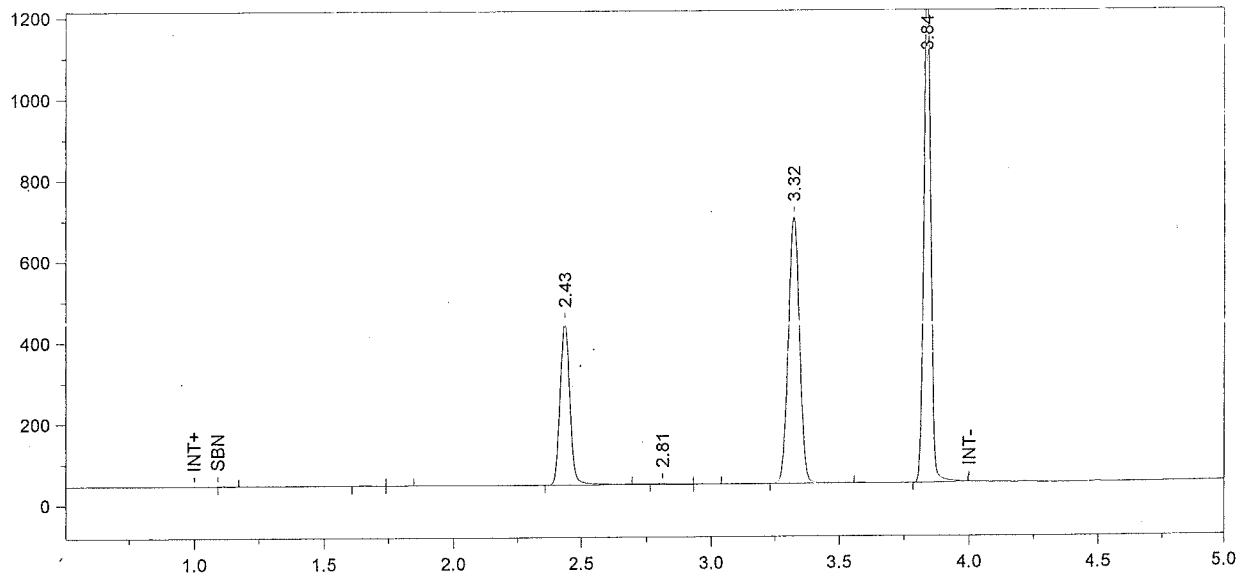
Chrom Perfect Chromatogram Report



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 4/16/2009
Today's Time = 2:14:09 PM
Bound File Name = alc041609.0006.RAW
Sample Name = Std D
Date Taken = 4/16/2009 10:58:04 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 84

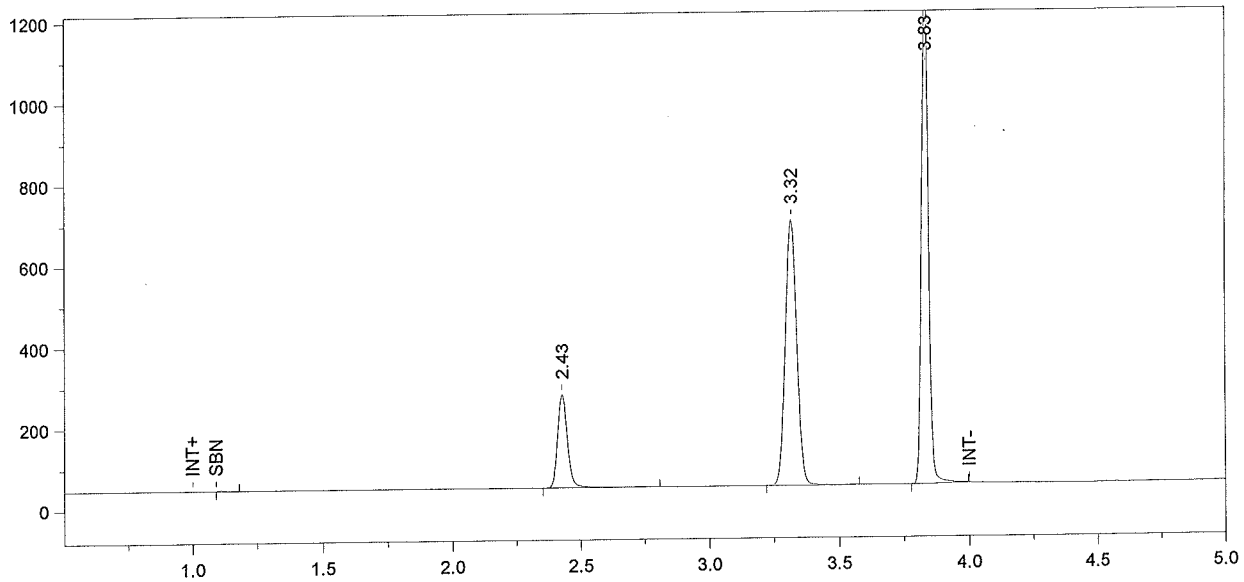
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.44	Ethanol	2699118	0.4469
3	3.32	t-Butanol	1953102	1.0034
4	3.84	n-Propanol	2249943	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 4/16/2009
Today's Time = 2:14:12 PM
Bound File Name = alc041609.0007.RAW
Sample Name = WB QC
Date Taken = 4/16/2009 11:13:11 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 84

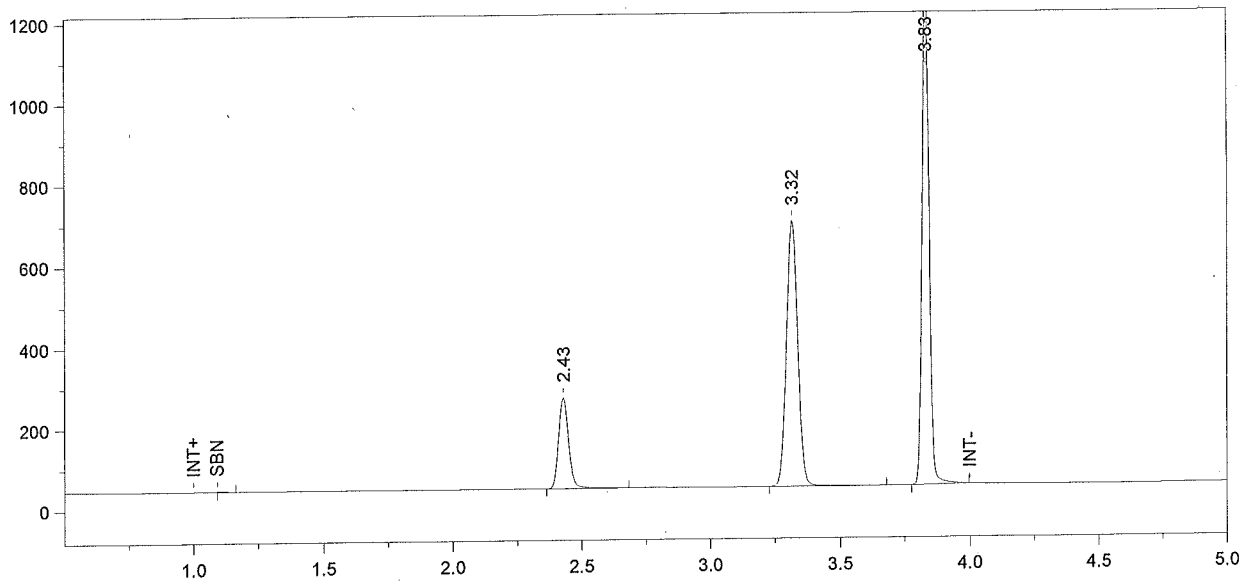
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.43	Ethanol	1082641	0.1738
5	2.81	Acetone	08305	<0.005
7	3.32	t-Butanol	1984465	0.9886
8	3.84	n-Propanol	2320322	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 4/17/2009
Today's Time = 7:05:35 AM
Bound File Name = alc041609.0012.RAW
Sample Name = CCS
Date Taken = 4/16/2009 4:30:38 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

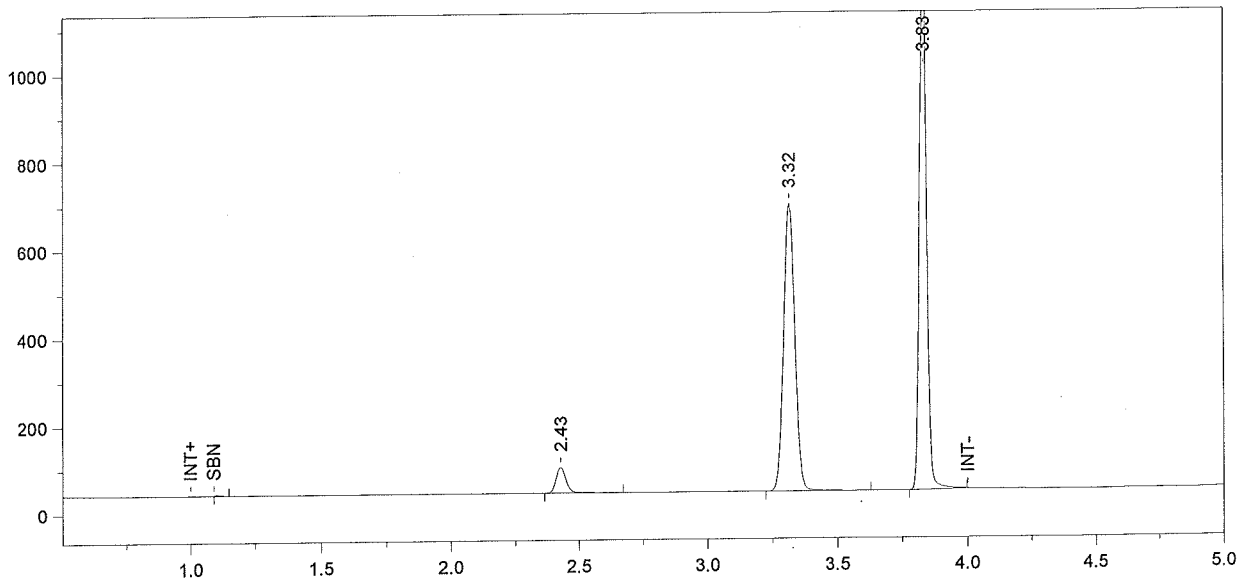
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.43	Ethanol	627543	0.1012
3	3.32	t-Butanol	1986040	0.9939
4	3.83	n-Propanol	2309815	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 4/17/2009
Today's Time = 7:05:55 AM
Bound File Name = alc041609.0013.RAW
Sample Name = CCS
Date Taken = 4/16/2009 4:45:37 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

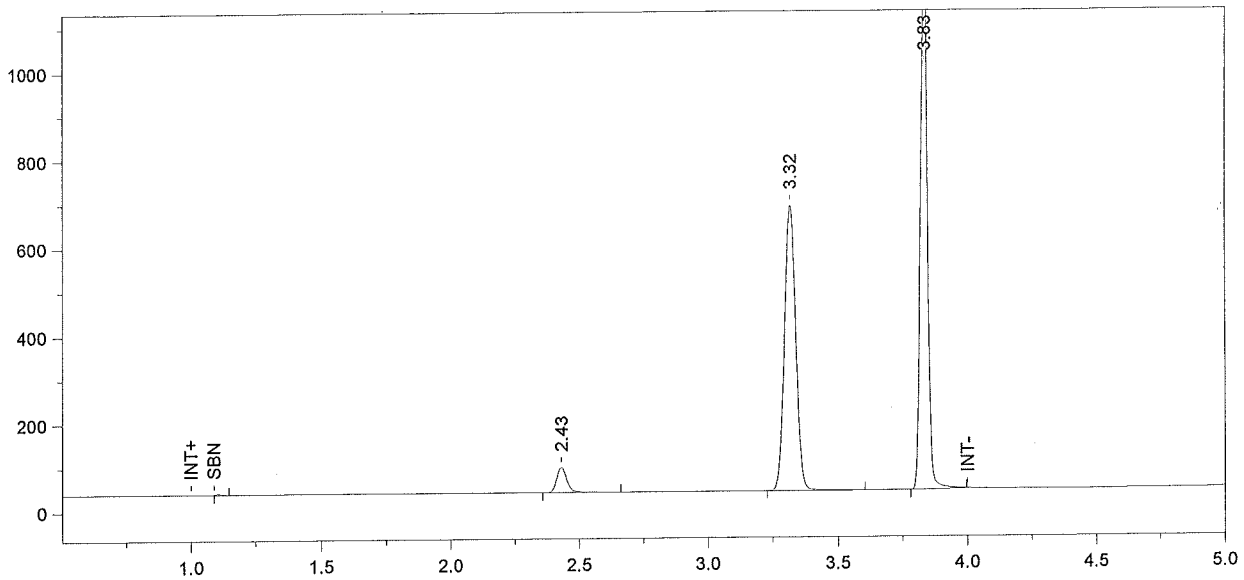
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.43	Ethanol	608793	0.0983
3	3.32	t-Butanol	1978522	0.9918
4	3.83	n-Propanol	2305939	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/16/2009
Today's Time = 5:00:48 PM
Bound File Name = alc041609.0014.RAW
Sample Name = .02 ALB
Date Taken = 4/16/2009 5:00:45 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

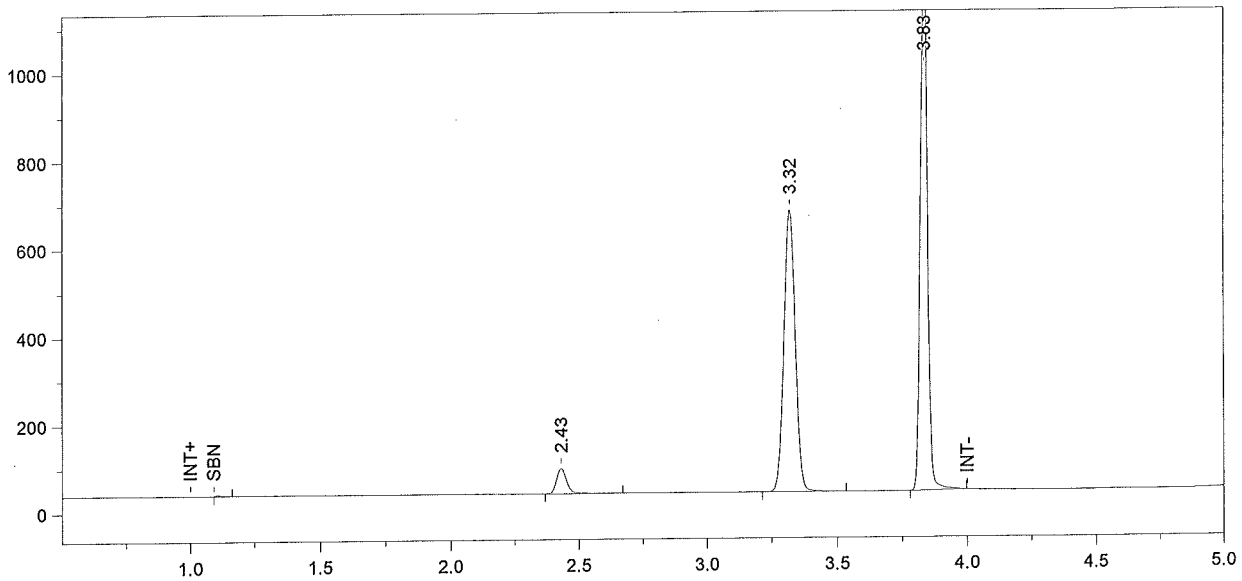
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.43	Ethanol	162404	0.0263	0.0214
3	3.32	t-Butanol	1995784	1.0014	0.8173
4	3.83	n-Propanol	2303874	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/16/2009
Today's Time = 5:15:59 PM
Bound File Name = alc041609.0015.RAW
Sample Name = .02 ALB
Date Taken = 4/16/2009 5:15:52 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

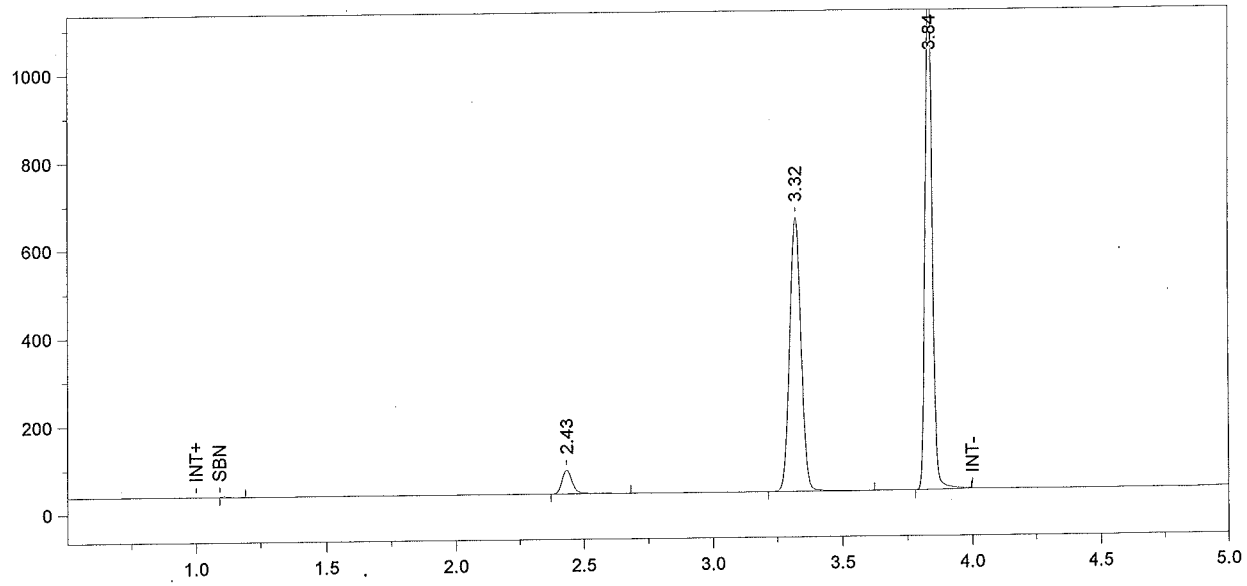
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.43	Ethanol	159738	0.0259	0.0211
3	3.32	t-Butanol	1975270	0.9941	0.8114
4	3.83	n-Propanol	2296856	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/16/2009
Today's Time = 5:30:48 PM
Bound File Name = alc041609.0016.RAW
Sample Name = .02 ALB
Date Taken = 4/16/2009 5:30:42 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

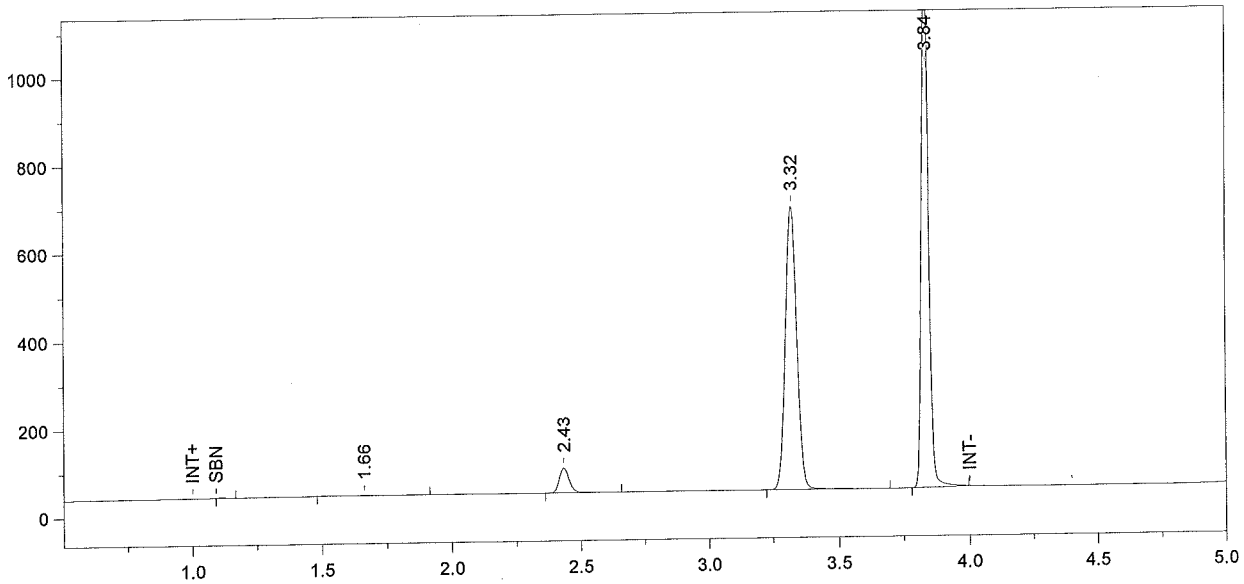
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.43	Ethanol	158363	0.0260	0.0212
3	3.32	t-Butanol	1944954	0.9902	0.8082
4	3.83	n-Propanol	2270529	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/16/2009
Today's Time = 5:45:45 PM
Bound File Name = alc041609.0017.RAW
Sample Name = .02 ALB
Date Taken = 4/16/2009 5:45:43 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

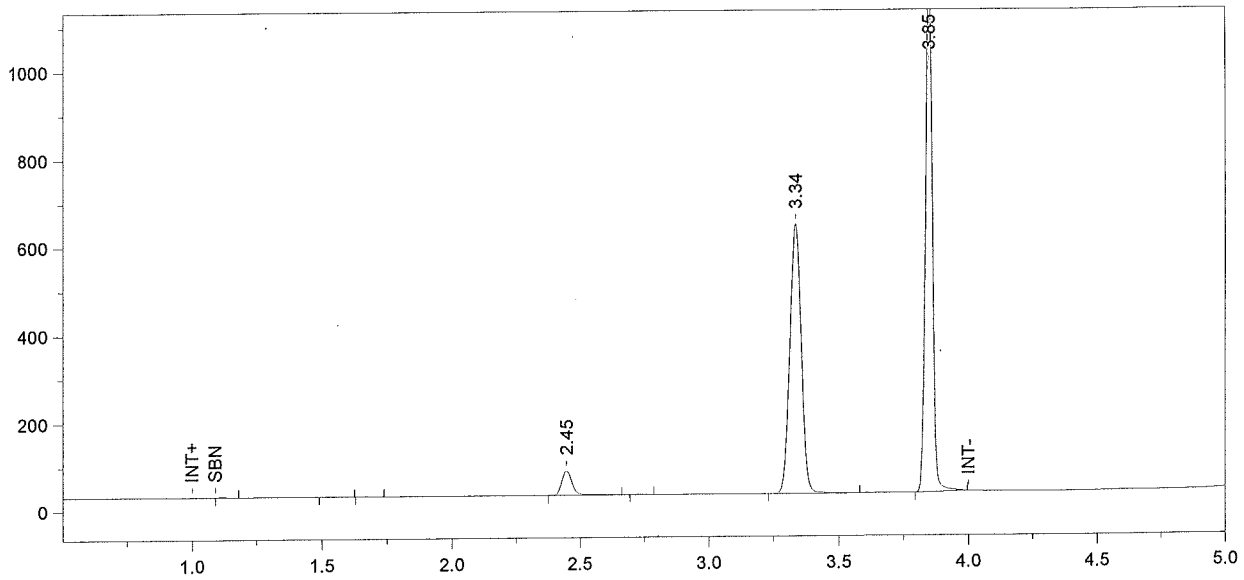
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.43	Ethanol	151515	0.0258	0.0210
3	3.32	t-Butanol	1882133	0.9937	0.8111
4	3.84	n-Propanol	2189414	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/16/2009
Today's Time = 6:00:47 PM
Bound File Name = alc041609.0018.RAW
Sample Name = .02 ALB
Date Taken = 4/16/2009 6:00:44 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

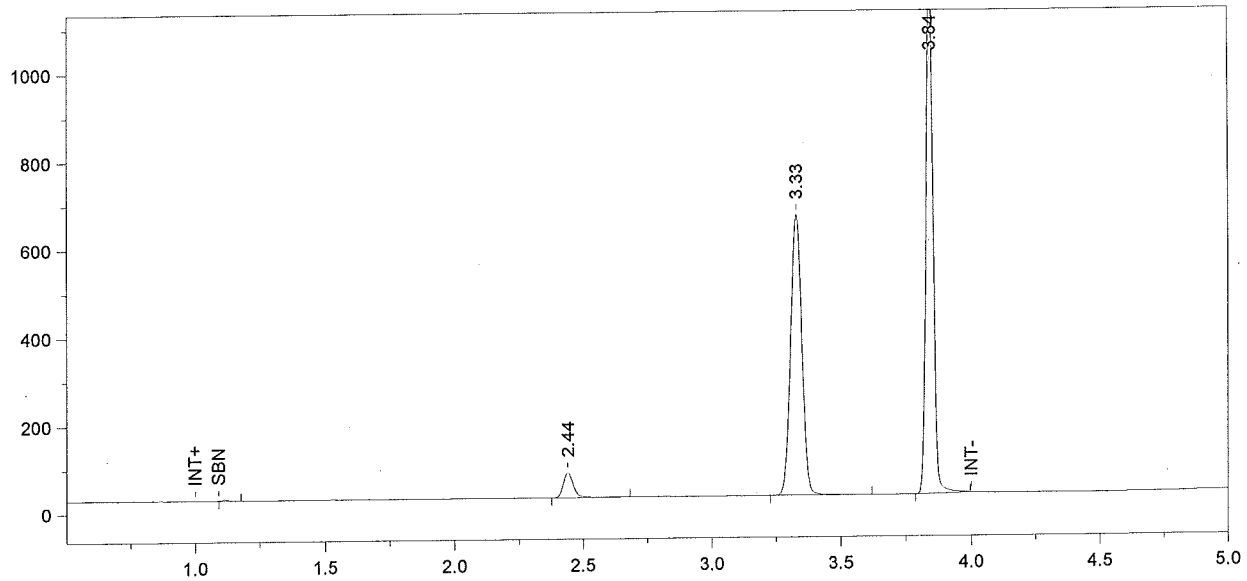
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	1.66	Acetaldehyde	06704	<0.005	0.0005
3	2.43	Ethanol	157015	0.0259	0.0211
4	3.32	t-Butanol	1951418	0.9970	0.8138
5	3.84	n-Propanol	2262450	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/17/2009
Today's Time = 7:18:13 AM
Bound File Name = alc041609.0019.RAW
Sample Name = .02 ALB
Date Taken = 4/17/2009 7:18:05 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

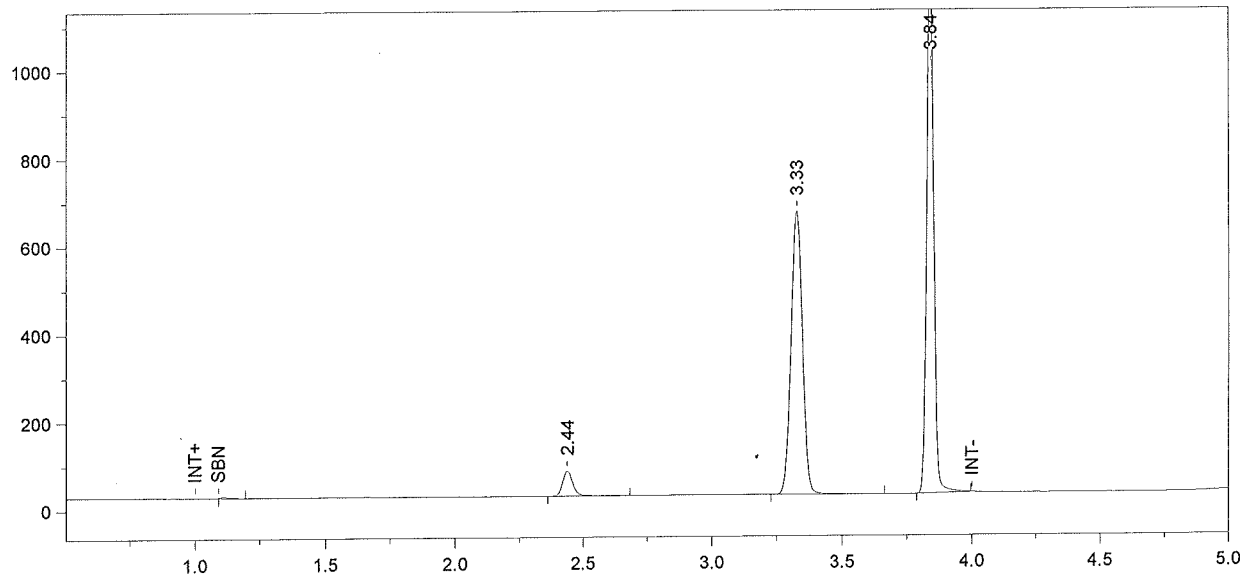
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.45	Ethanol	154289	0.0263	0.0215
6	3.34	t-Butanol	1854867	0.9818	0.8013
7	3.85	n-Propanol	2183867	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/17/2009
Today's Time = 7:45:11 AM
Bound File Name = alc041609.0020.RAW
Sample Name = .02 ALB
Date Taken = 4/17/2009 7:44:59 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

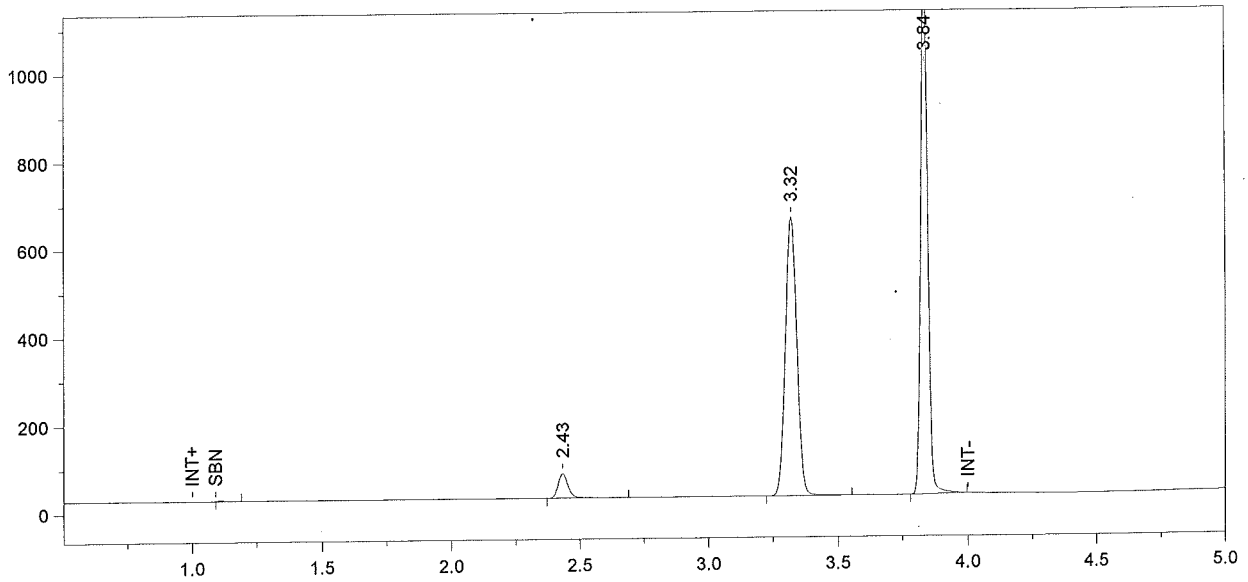
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.44	Ethanol	157805	0.0261	0.0213
3	3.33	t-Butanol	1946626	1.0001	0.8163
4	3.84	n-Propanol	2249982	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/17/2009
Today's Time = 8:00:16 AM
Bound File Name = alc041609.0021.RAW
Sample Name = .02 DMR
Date Taken = 4/17/2009 8:00:14 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

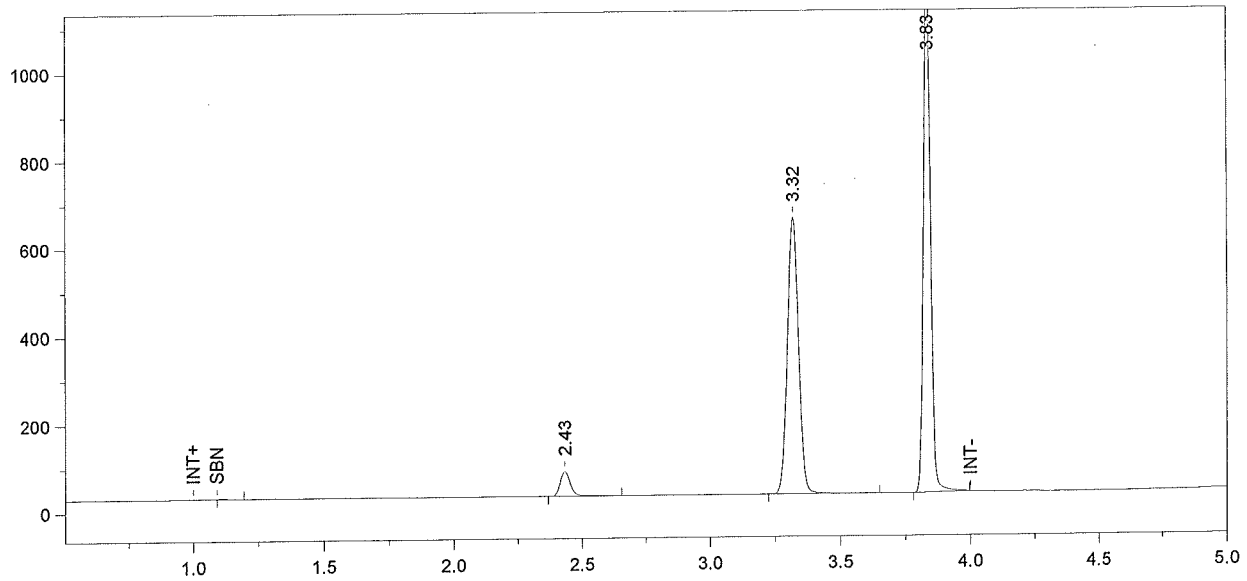
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.44	Ethanol	157379	0.0258	0.0211
3	3.33	t-Butanol	1965904	1.0007	0.8168
4	3.84	n-Propanol	2270870	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/17/2009
Today's Time = 8:15:21 AM
Bound File Name = alc041609.0022.RAW
Sample Name = .02 DMR
Date Taken = 4/17/2009 8:15:16 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

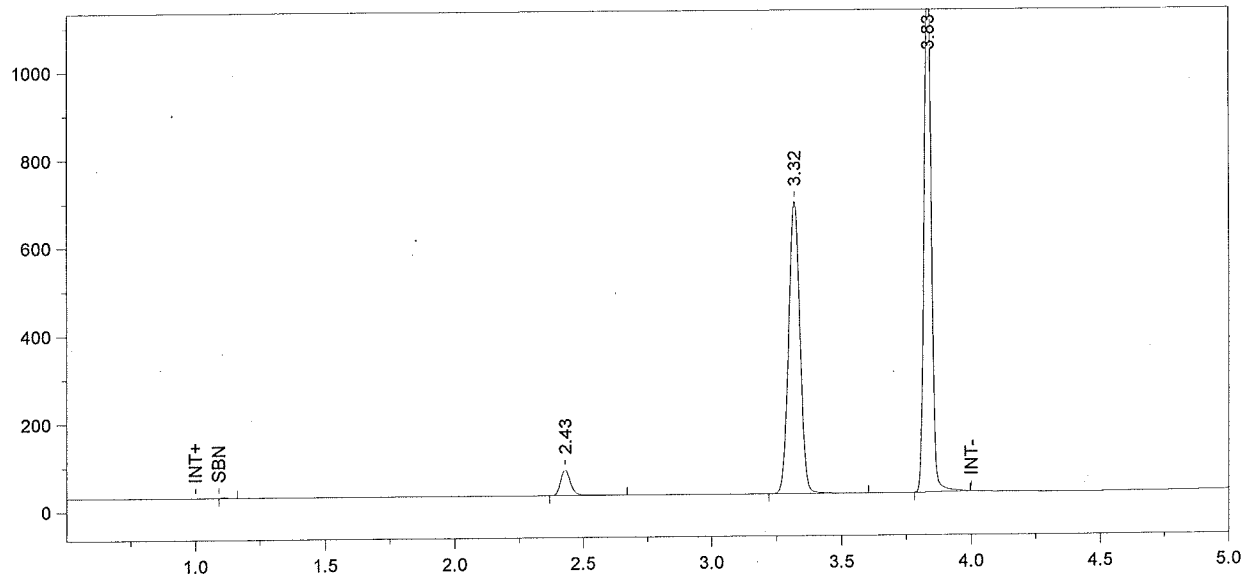
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.43	Ethanol	154429	0.0258	0.0211
3	3.32	t-Butanol	1921264	0.9975	0.8142
4	3.84	n-Propanol	2226345	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/17/2009
Today's Time = 8:30:18 AM
Bound File Name = alc041609.0023.RAW
Sample Name = .02 DMR
Date Taken = 4/17/2009 8:30:17 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

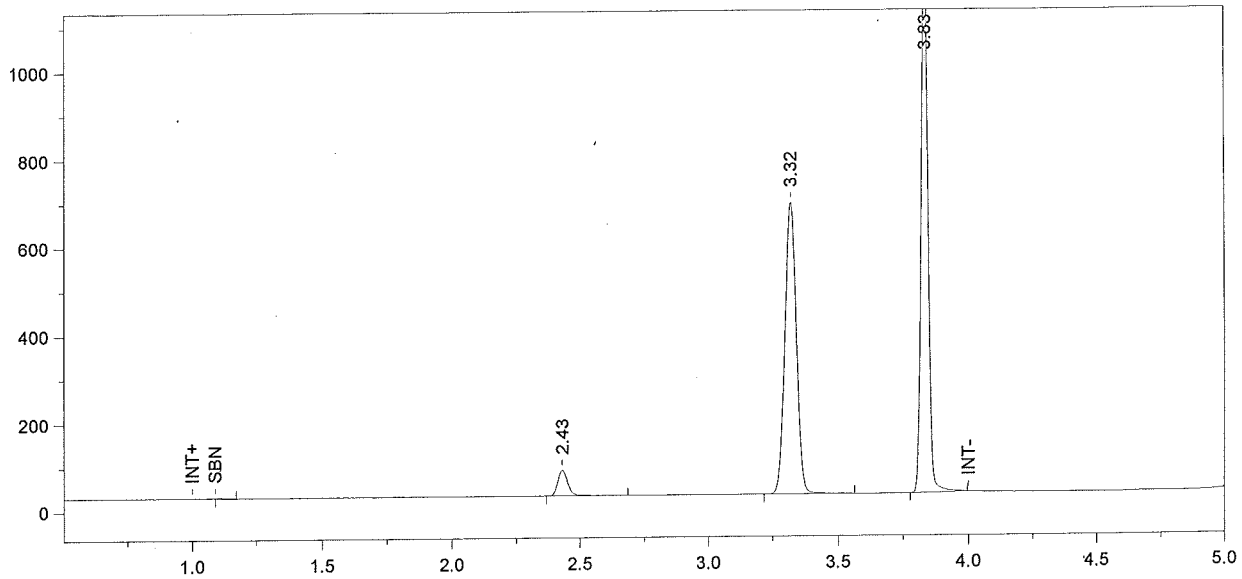
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.43	Ethanol	154922	0.0262	0.0214
3	3.32	t-Butanol	1906208	1.0014	0.8174
4	3.83	n-Propanol	2200271	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/17/2009
Today's Time = 8:45:25 AM
Bound File Name = alc041609.0024.RAW
Sample Name = .02 DMR
Date Taken = 4/17/2009 8:45:19 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

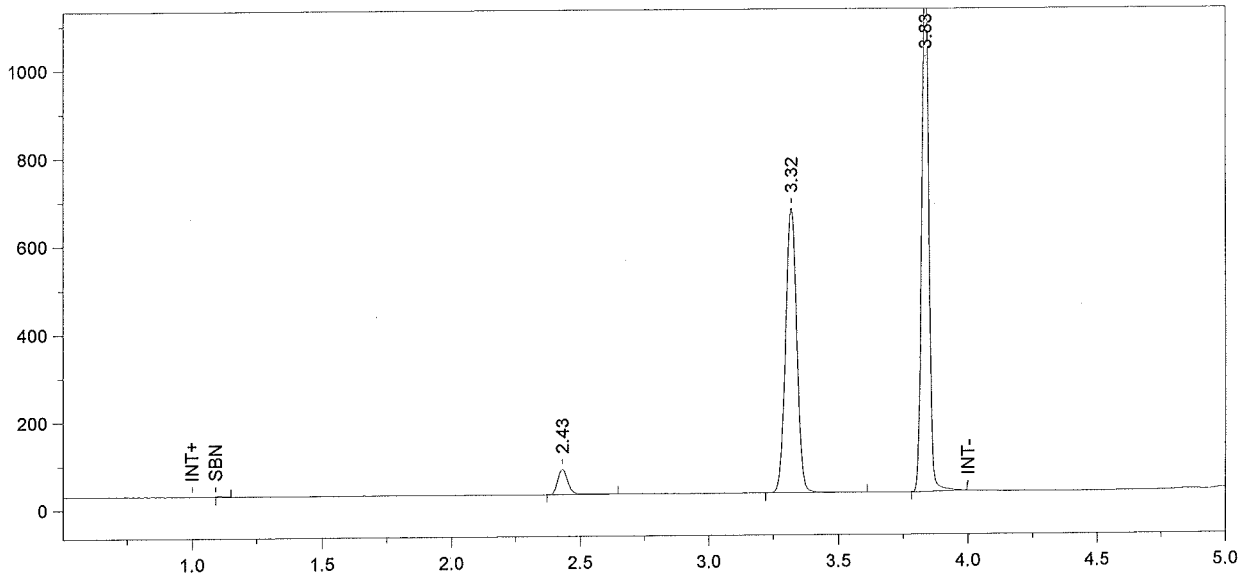
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.43	Ethanol	161433	0.0257	0.0210
3	3.32	t-Butanol	2025502	1.0019	0.8177
4	3.83	n-Propanol	2336929	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/17/2009
Today's Time = 9:00:25 AM
Bound File Name = alc041609.0025.RAW
Sample Name = .02 DMR
Date Taken = 4/17/2009 9:00:19 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

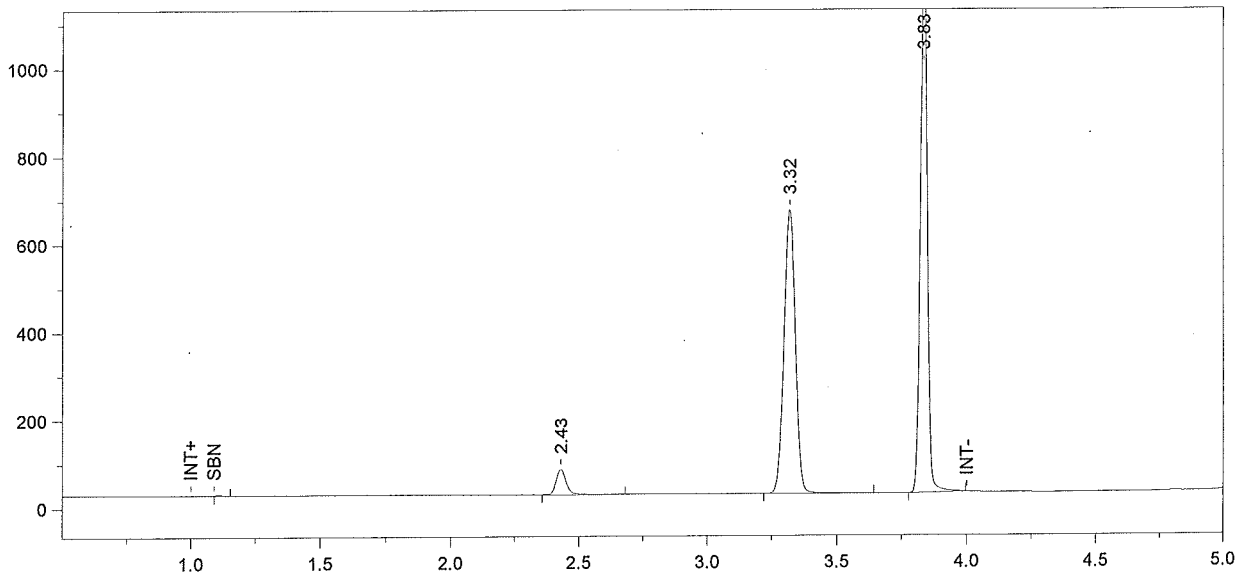
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.43	Ethanol	162510	0.0260	0.0213
3	3.32	t-Butanol	2018614	1.0038	0.8193
4	3.83	n-Propanol	2324573	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/17/2009
Today's Time = 9:15:23 AM
Bound File Name = alc041609.0026.RAW
Sample Name = .02 DMR
Date Taken = 4/17/2009 9:15:19 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.43	Ethanol	159342	0.0259	0.0212
3	3.32	t-Butanol	1978575	0.9994	0.8157
4	3.83	n-Propanol	2288560	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 4/17/2009
Today's Time = 9:30:36 AM
Bound File Name = alc041609.0027.RAW
Sample Name = .02 DMR
Date Taken = 4/17/2009 9:30:33 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 86

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.43	Ethanol	159698	0.0261	0.0213
3	3.32	t-Butanol	1971204	0.9999	0.8161
4	3.83	n-Propanol	2278834	1.0000	0.8162