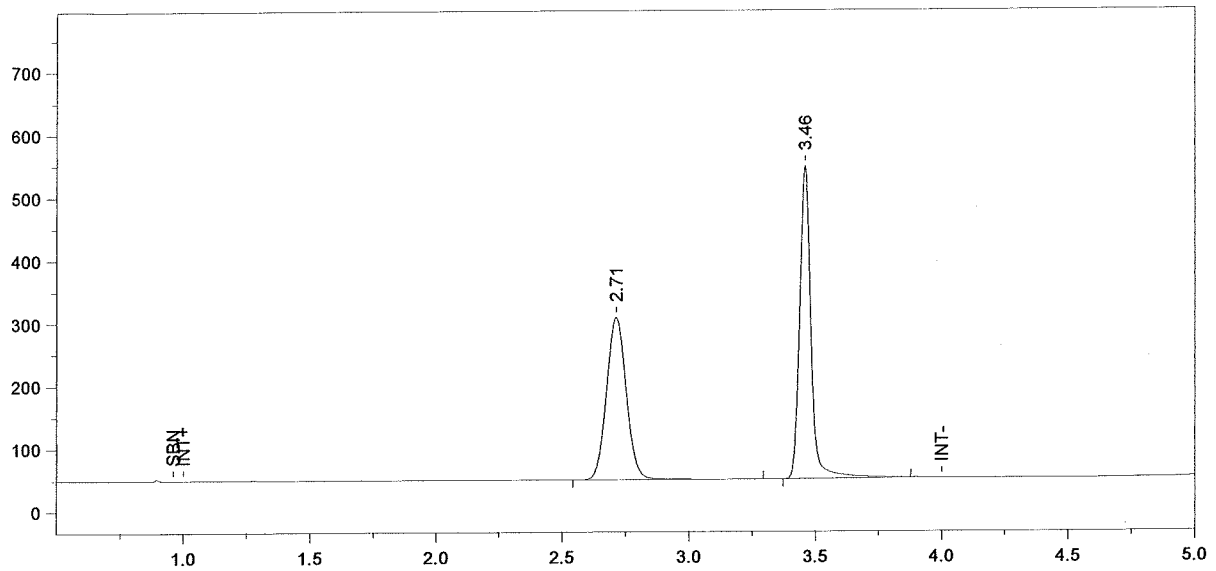
Simulator Solution
Lot # 04-01-100

Prepared: 10-9-03
Expires: 10-9-04

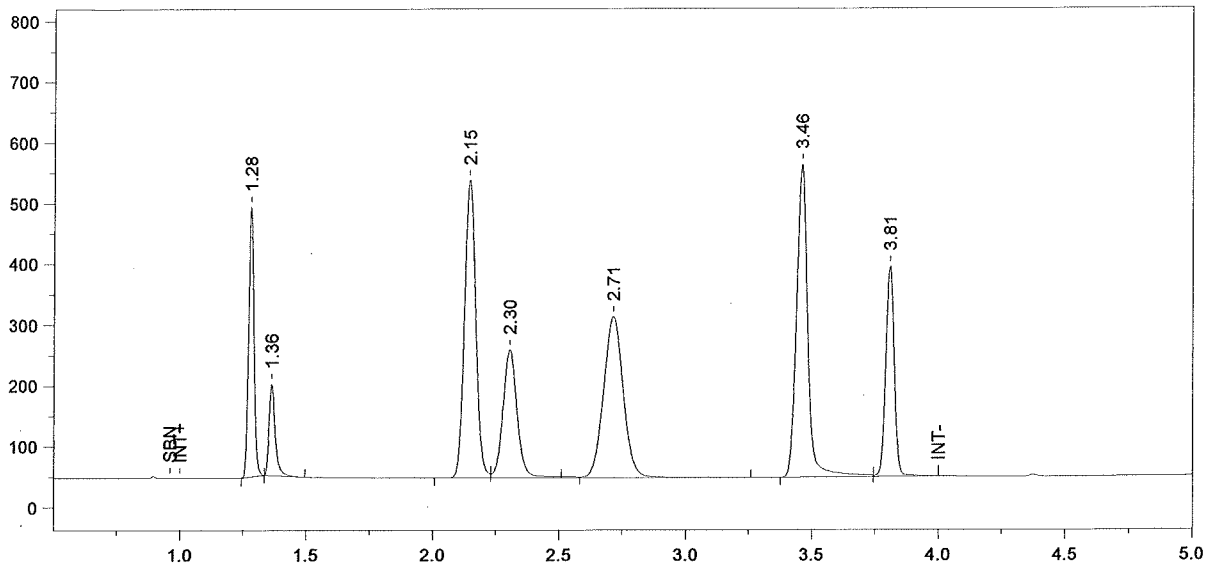
	0.1010
	0.1013
	0.1006
	0.1016
	0.1009
Mean:	**0.1011**
Std dev:	0.000383



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/9/03
Today's Time = 3:56:01 PM
Bound File Name = Sim1009.0001.RAW
Sample Name = BLK
Date Taken = 10/9/03 3:55:57 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

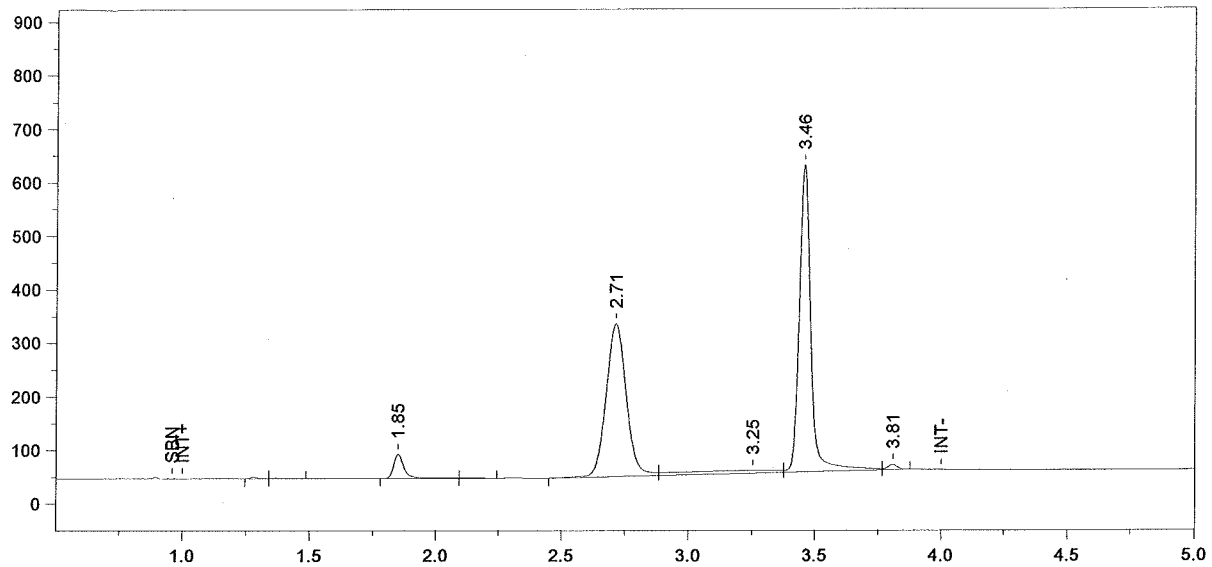
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	2.71	t-Butanol	1397272	0.9942	0.8114
2	3.46	n-Propanol	1562032	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/9/03
Today's Time = 4:10:55 PM
Bound File Name = Sim1009.0002.RAW
Sample Name = TMX
Date Taken = 10/9/03 4:10:53 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

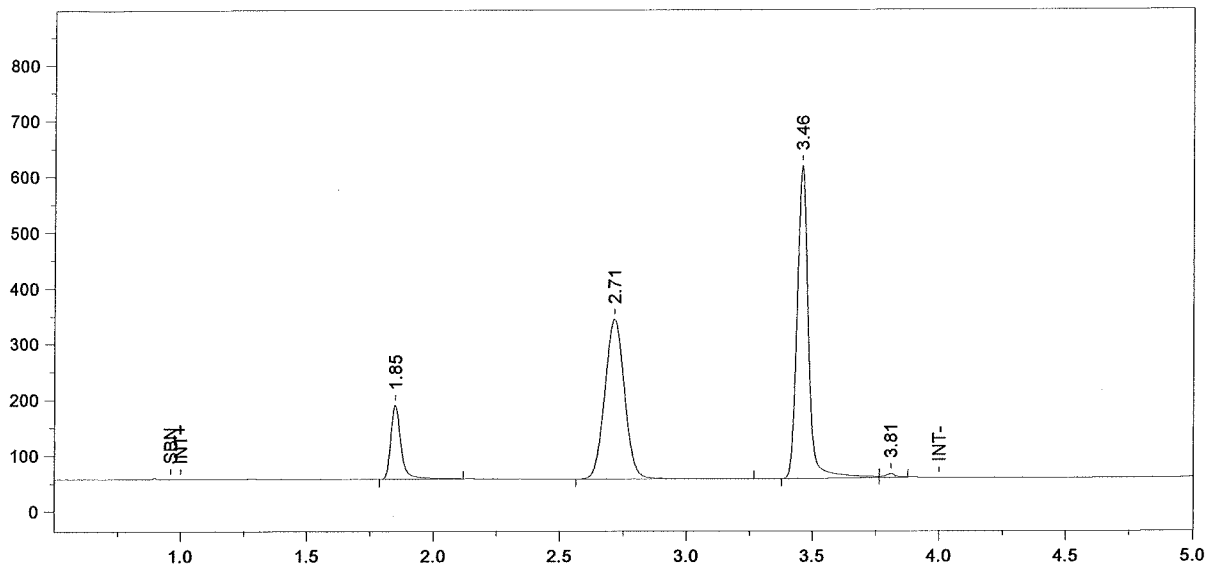
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	1.28	Acetaldehyde	678133	0.0837	0.0683
2	1.36	Methanol	243644	0.1411	0.1152
3	2.15	Acetone	1540680	0.0882	0.0720
4	2.30	Isopropanol	820056	0.0934	0.0762
5	2.71	t-Butanol	1440279	1.0009	0.8170
6	3.46	n-Propanol	1599209	1.0000	0.8162
7	3.81		817270	<0.005	0.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/9/03
Today's Time = 4:26:02 PM
Bound File Name = Sim1009.0003.RAW
Sample Name = STD A
Date Taken = 10/9/03 4:25:58 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

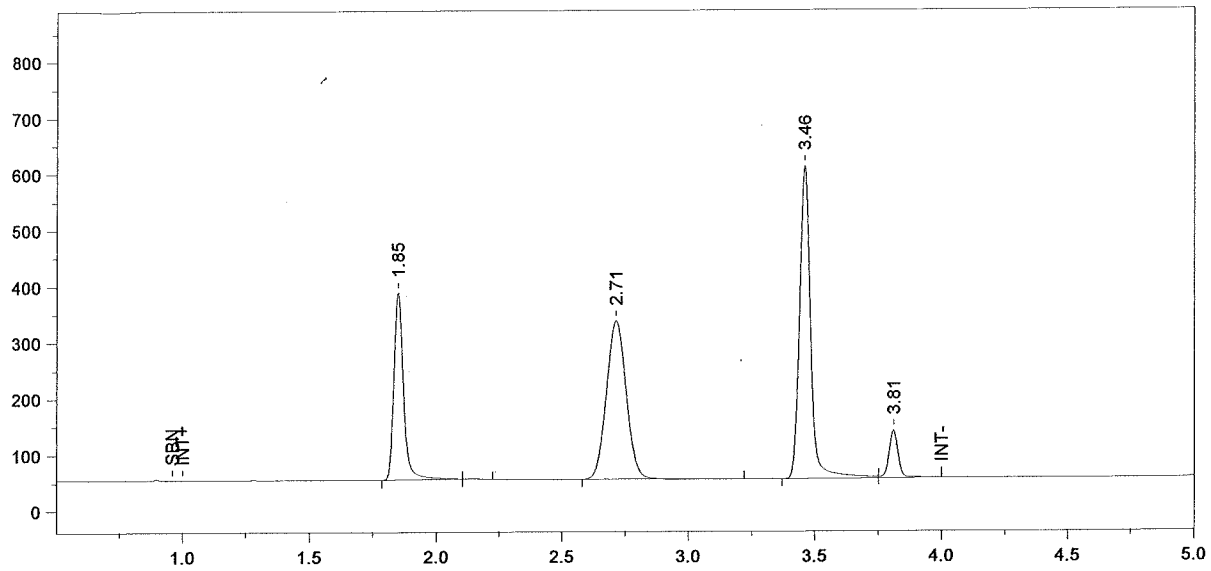
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
3	1.85	Ethanol	130419	0.0297	0.0242
5	2.71	t-Butanol	1575510	0.9486	0.7743
6	3.25		153787	<0.005	0.0000
7	3.46	n-Propanol	1847543	1.0000	0.8162
8	3.81		25868	<0.005	0.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/9/03
Today's Time = 4:41:13 PM
Bound File Name = Sim1009.0004.RAW
Sample Name = STD B
Date Taken = 10/9/03 4:41:06 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

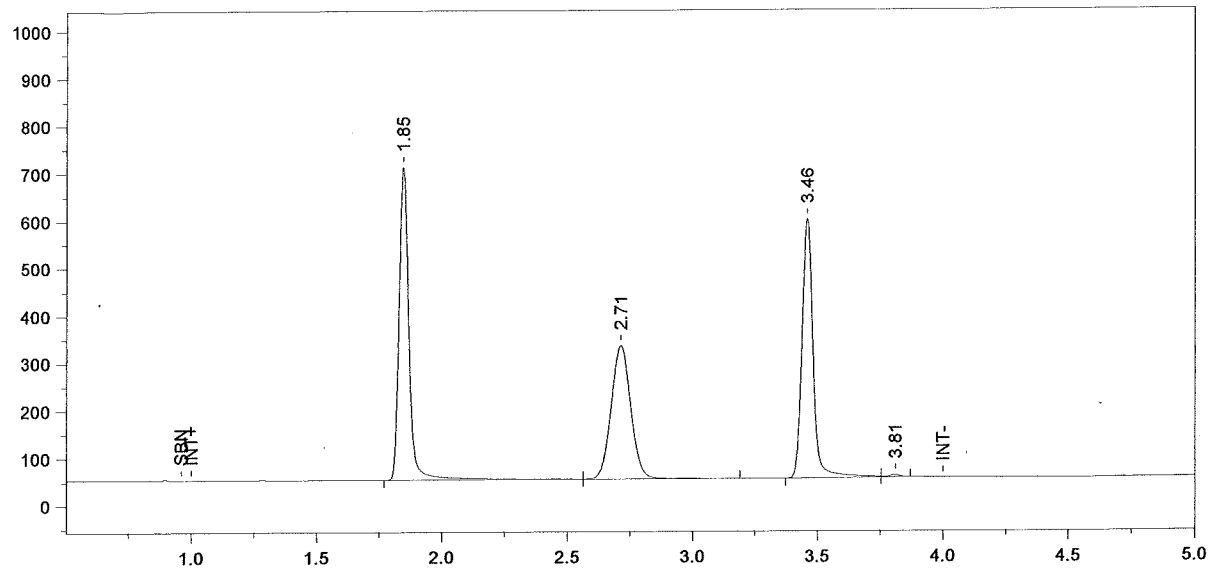
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	1.85	Ethanol	366905	0.0887	0.0724
2	2.71	t-Butanol	1547581	1.0014	0.8173
3	3.46	n-Propanol	1739867	1.0000	0.8162
4	3.81		17115	<0.005	0.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/9/03
Today's Time = 4:56:19 PM
Bound File Name = Sim1009.0005.RAW
Sample Name = STD C
Date Taken = 10/9/03 4:56:15 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

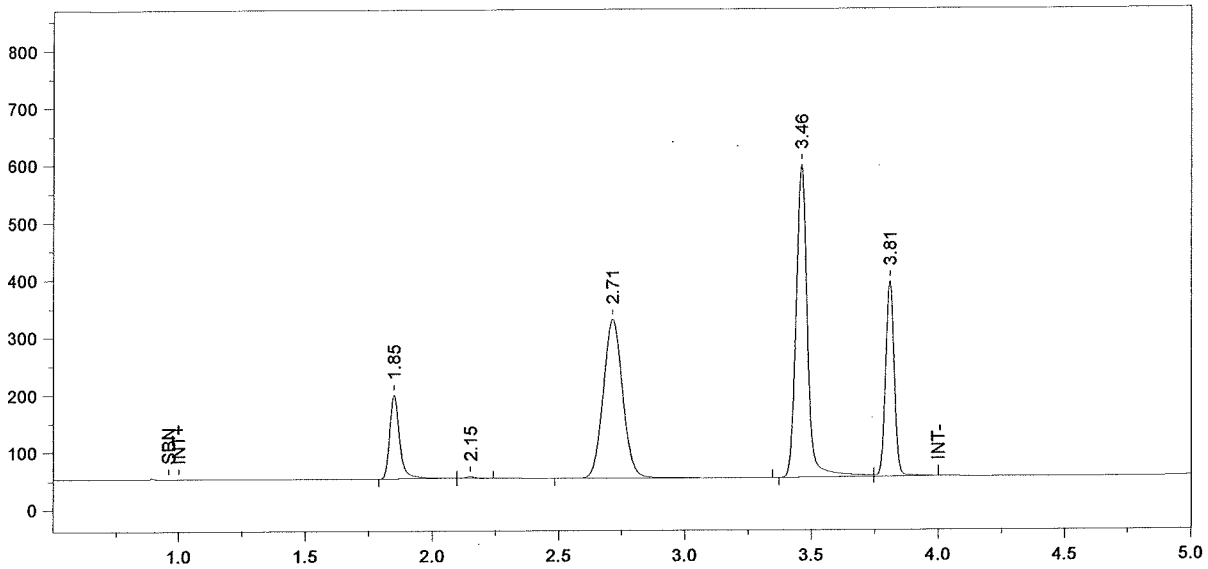
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	1.85	Ethanol	892860	0.2162	0.1765
3	2.71	t-Butanol	1518400	0.9862	0.8049
4	3.46	n-Propanol	1737180	1.0000	0.8162
5	3.81		206364	<0.005	0.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/9/03
Today's Time = 5:11:26 PM
Bound File Name = Sim1009.0006.RAW
Sample Name = STD D
Date Taken = 10/9/03 5:11:23 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	1.85	Ethanol	1785655	0.4403	0.3593
2	2.71	t-Butanol	1511544	1.0029	0.8185
3	3.46	n-Propanol	1707830	1.0000	0.8162
4	3.81		14518	<0.005	0.0000

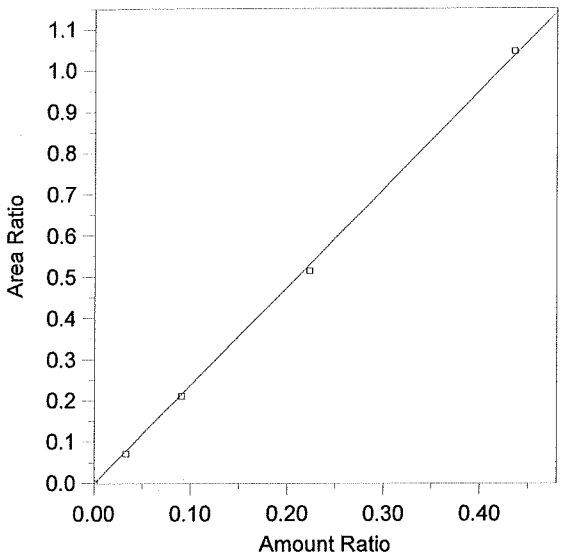


Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/9/03
Today's Time = 5:26:31 PM
Bound File Name = Sim1009.0007.RAW
Sample Name = Aq Std
Date Taken = 10/9/03 5:26:27 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	1.85	Ethanol	400856	0.0996	0.0813
2	2.15	Acetone	07405	<0.005	0.0004
3	2.71	t-Butanol	1495835	1.0040	0.8195
4	3.46	n-Propanol	1692306	1.0000	0.8162
5	3.81		802792	<0.005	0.0000

3 Ethanol



Expected retention time:	1.848 minutes
Search window:	0.2 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

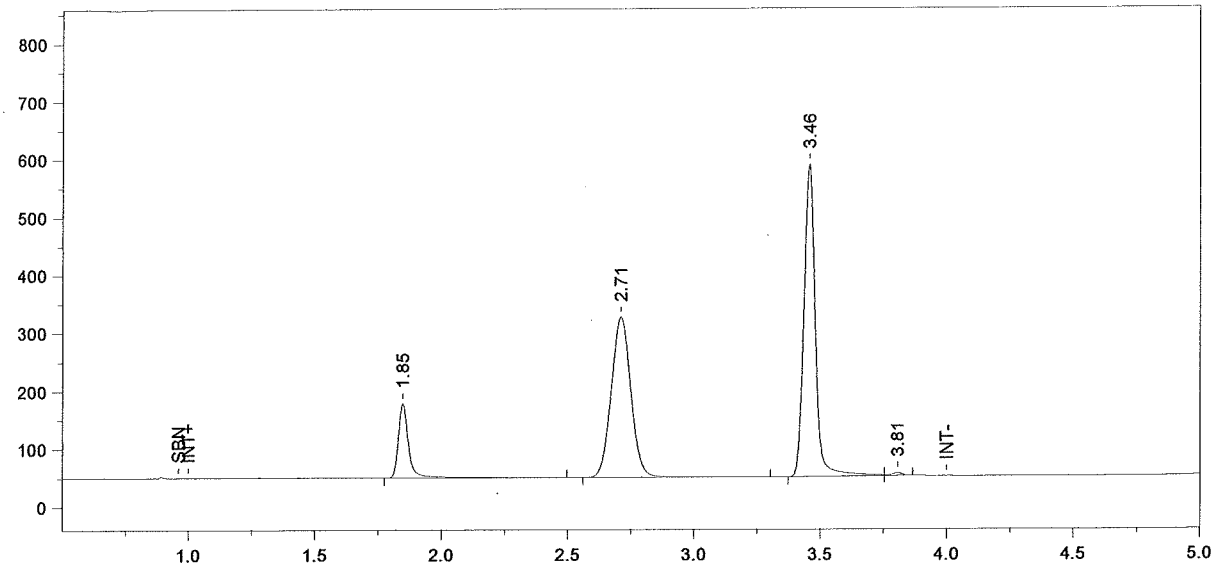
Single peak quantification by area

Y = 2.378032 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9994699
Average error:	2.929%
Average CF:	1.841248
RSD:	56.093%

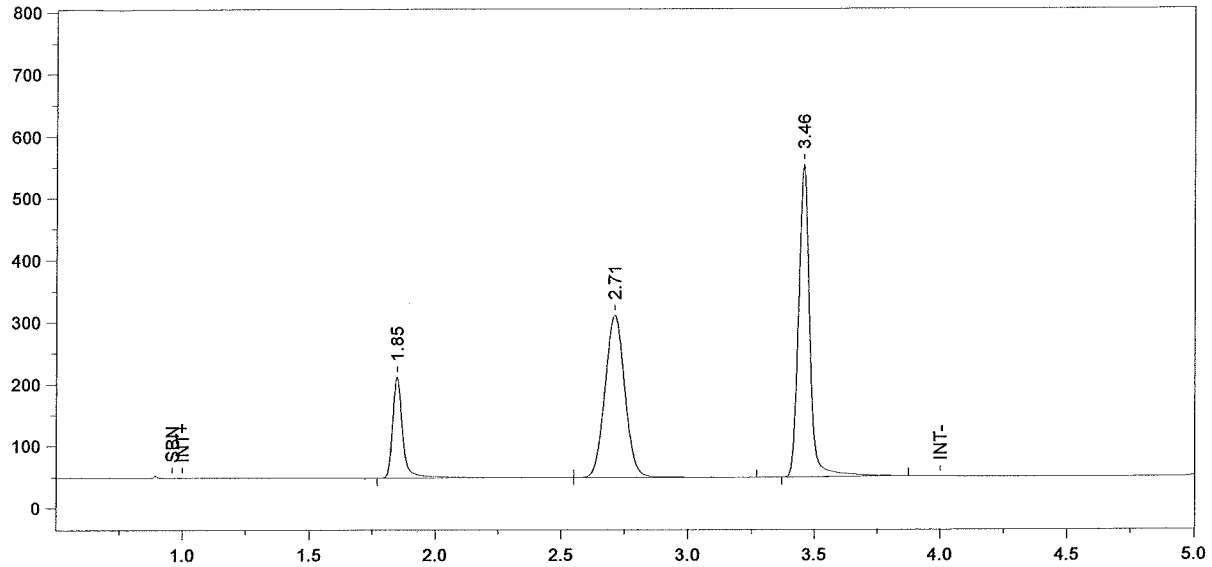
Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	--	0.000	0	0	C:\Alcohol Data\Sim1009\Sim1009.0002.BND	10/9/03 4:10:56 PM
2	0.0326	130418.7	4000574	-8.944	0.0326	7.059035E-02	C:\Alcohol Data\Sim1009\Sim1009.0003.BND	10/9/03 4:26:03 PM
3	0.0904	366904.7	4058680	-1.904	0.0904	0.2108809	C:\Alcohol Data\Sim1009\Sim1009.0004.BND	10/9/03 4:41:13 PM
4	0.2226	892860.4	4011053	-2.905	0.2226	0.5139711	C:\Alcohol Data\Sim1009\Sim1009.0005.BND	10/9/03 4:56:20 PM
5	0.4358	1785655	4097419	0.890	0.4358	1.04557	C:\Alcohol Data\Sim1009\Sim1009.0006.BND	10/9/03 5:11:27 PM



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/10/03
Today's Time = 9:26:04 AM
Bound File Name = Sim1009a.0001.RAW
Sample Name = CCS
Date Taken = 10/10/03 9:26:02 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

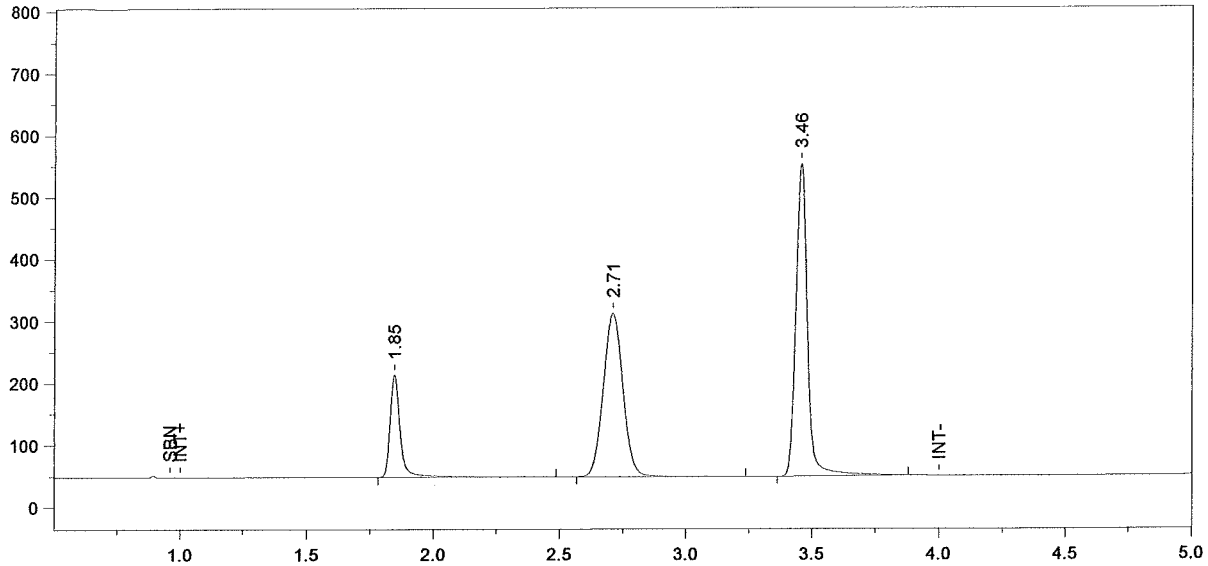
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	1.85	Ethanol	367661	0.0917	0.0749
2	2.71	t-Butanol	1487807	1.0026	0.8183
3	3.46	n-Propanol	1685583	1.0000	0.8162
4	3.81		15119	<0.005	0.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/10/03
Today's Time = 9:40:57 AM
Bound File Name = Sim1009a.0002.RAW
Sample Name = 1
Date Taken = 10/10/03 9:40:51 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

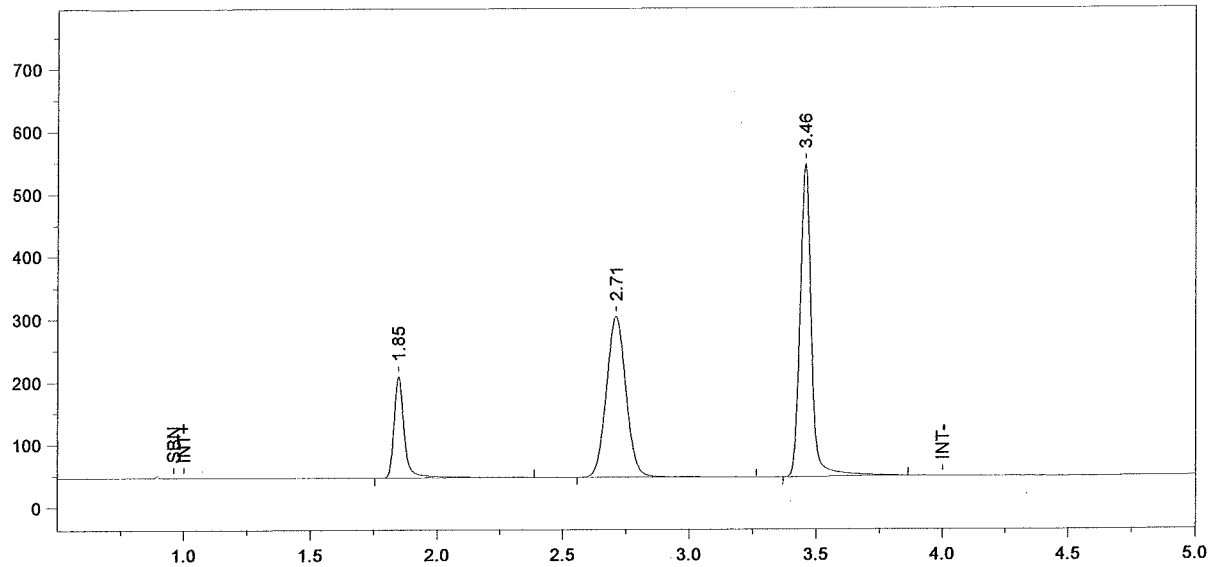
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	1.85	Ethanol	463029	0.1237	0.1010
2	2.71	t-Butanol	1409469	1.0175	0.8304
3	3.46	n-Propanol	1573482	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/10/03
Today's Time = 9:56:02 AM
Bound File Name = Sim1009a.0003.RAW
Sample Name = 2
Date Taken = 10/10/03 9:55:59 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

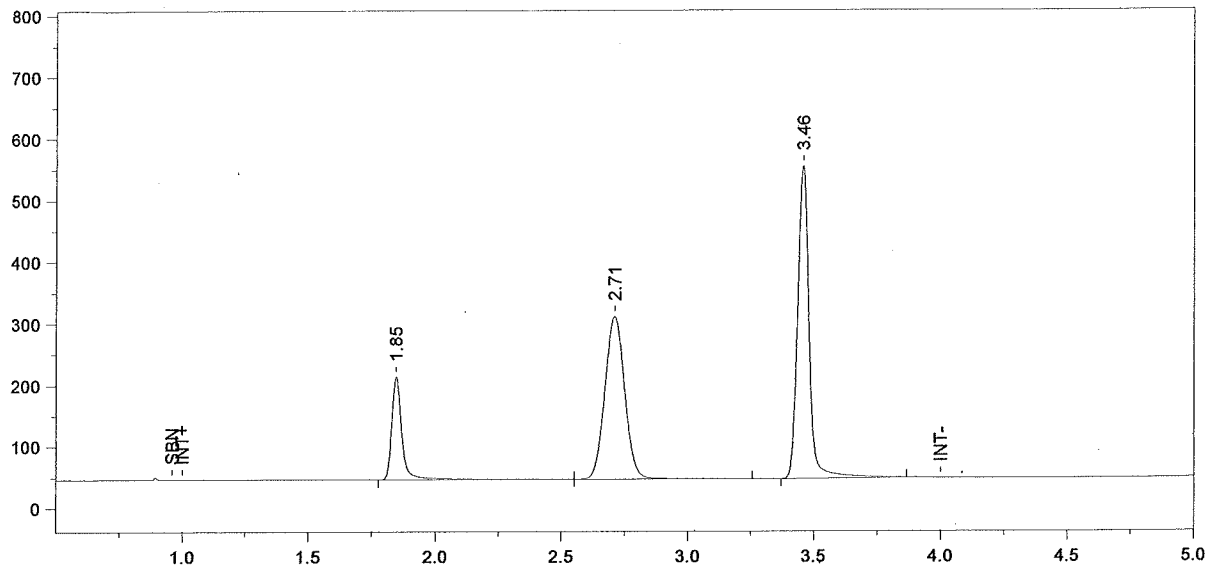
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	1.85	Ethanol	470584	0.1241	0.1013
2	2.71	t-Butanol	1422201	1.0134	0.8271
3	3.46	n-Propanol	1594115	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/10/03
Today's Time = 10:11:06 AM
Bound File Name = Sim1009a.0004.RAW
Sample Name = 3
Date Taken = 10/10/03 10:11:01 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

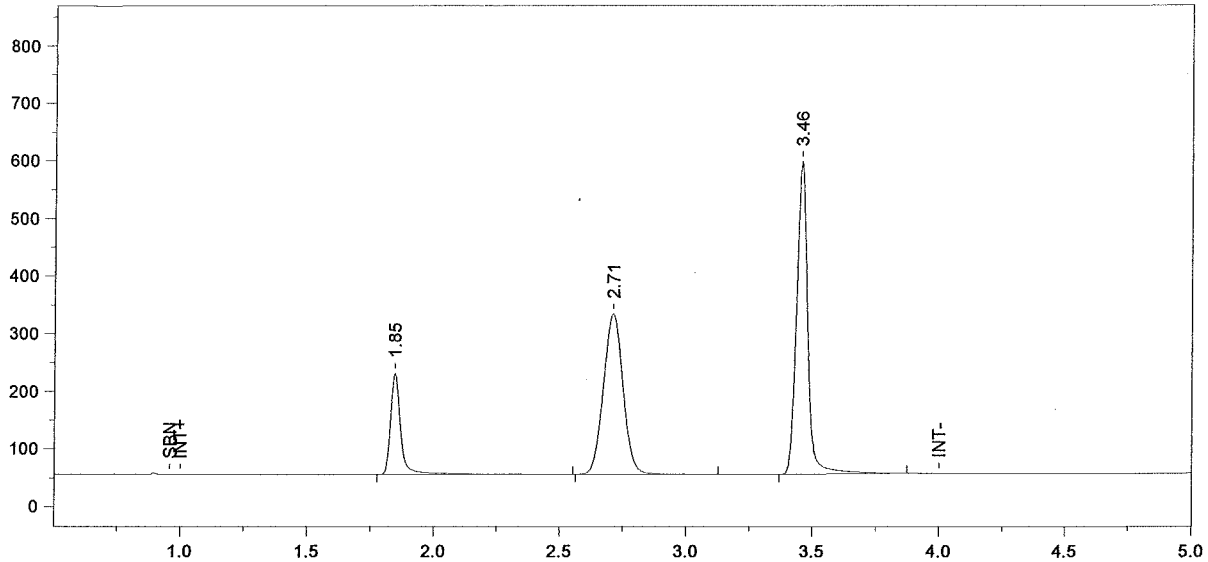
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	1.85	Ethanol	455978	0.1233	0.1006
2	2.71	t-Butanol	1382820	1.0096	0.8241
3	3.46	n-Propanol	1555702	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/10/03
Today's Time = 10:26:05 AM
Bound File Name = Sim1009a.0005.RAW
Sample Name = 4
Date Taken = 10/10/03 10:26:02 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

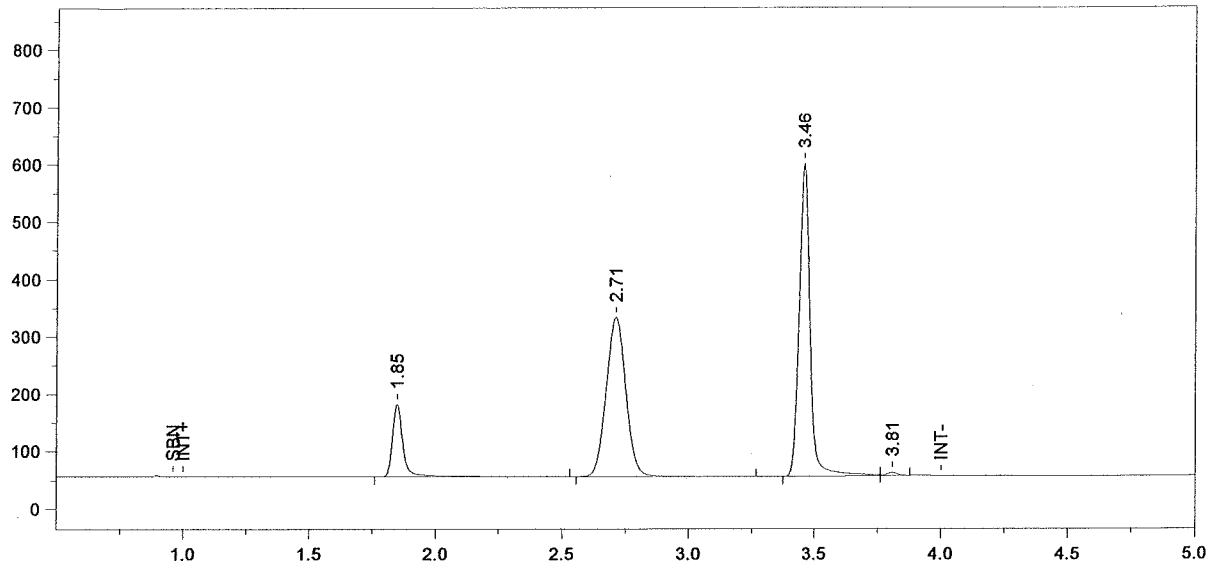
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	1.85	Ethanol	475530	0.1244	0.1016
2	2.71	t-Butanol	1426553	1.0084	0.8230
3	3.46	n-Propanol	1606908	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/10/03
Today's Time = 10:41:07 AM
Bound File Name = Sim1009a.0006.RAW
Sample Name = 5
Date Taken = 10/10/03 10:41:02 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	1.85	Ethanol	496087	0.1236	0.1009
2	2.71	t-Butanol	1495448	1.0061	0.8212
3	3.46	n-Propanol	1688311	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 10/10/03
Today's Time = 10:56:14 AM
Bound File Name = Sim1009a.0007.RAW
Sample Name = CCS
Date Taken = 10/10/03 10:56:09 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
1	1.85	Ethanol	362957	0.0905	0.0739
2	2.71	t-Butanol	1494374	1.0064	0.8214
3	3.46	n-Propanol	1686568	1.0000	0.8162
4	3.81		15127	<0.005	0.0000