Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 600A Liquid Processor/Dilutor Serial Number: ML600HC11378

Volatiles Quality Assurance Controls **Run Date(s): 04/19/19**

Calibration Date: 4/10/19

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0779 g/100cc
					0.0801 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2035 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	**Sep-20**	**Lot #**	FN06041502		ok
Curve Fit:		**Column 1**	0.99998	**Column2**	0.99997

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0504	0.0516	0.0012	0.051
100	0.100	0.090 - 0.110	0.0996	0.0990	0.0006	0.0993
200	0.200	0.180 - 0.220	0.1990	0.1981	0.0009	0.1985
300	0.300	0.270 - 0.330	0.3015	0.3011	0.0004	0.3013
500	0.500	0.450 - 0.550	0.4995	0.5001	0.0006	0.4998

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.080 g/100cc

JG

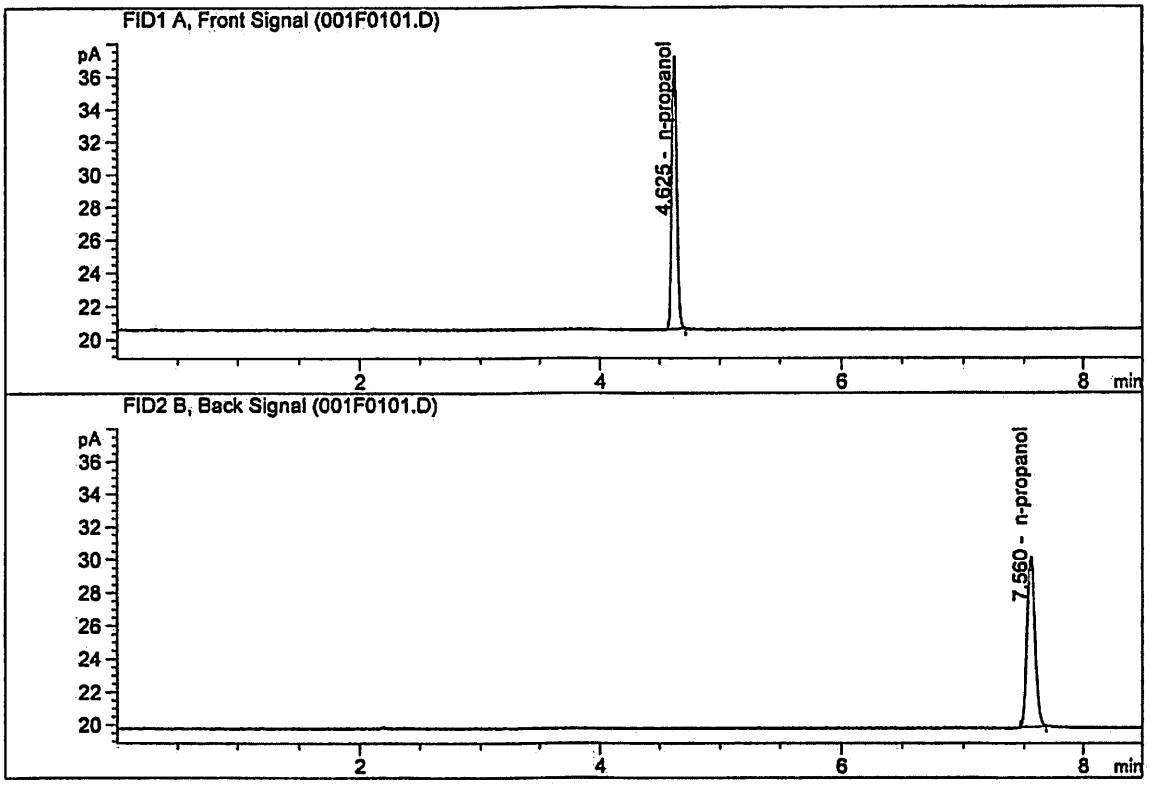
Revision: 1
Issue Date: 01/03/2019
Issuing Authority: Quality Manager

Worklist: 3316

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2019-1531	1	149254	Alcohol Analysis
M2019-1630	1	147744	Alcohol Analysis
M2019-1631	1	147745	Alcohol Analysis
M2019-1632	1	147746	Alcohol Analysis
M2019-1673	1	148034	Alcohol Analysis
M2019-1679	1	148094	Alcohol Analysis
M2019-1694	1	148222	Alcohol Analysis
M2019-1722	1	148471	Alcohol Analysis
M2019-1736	1	148595	Alcohol Analysis
M2019-1743	1	148608	Alcohol Analysis
M2019-1776	1	148858	Alcohol Analysis
M2019-1777	1	148859	Alcohol Analysis
M2019-1778	1	148866	Alcohol Analysis
M2019-1779	1	148867	Alcohol Analysis
M2019-1786	1	148877	Alcohol Analysis
M2019-1806	1	148965	Alcohol Analysis

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Apr 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

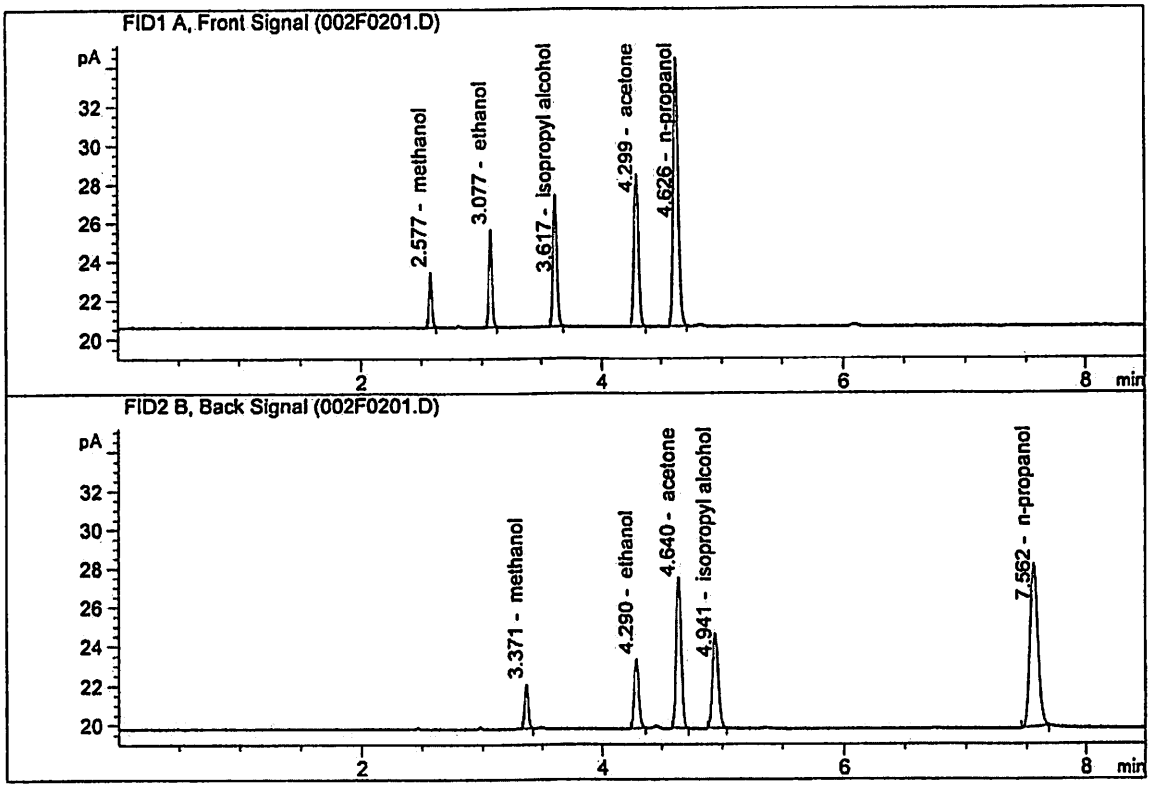


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	47.20246	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.34933	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name	:	MIX VOL FN06041502
Laboratory	:	Meridian
Injection Date	:	Apr 19, 2019
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.94953	0.1236	g/100cc
2.	Ethanol	Column 2:	9.25703	0.1238	g/100cc
3.	n-Propanol	Column 1:	38.84303	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.99112	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 19 Apr 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0790	0.0792	0.0002	0.0791	0.0779	
(g/100cc)	0.0765	0.0770	0.0005	0.0767		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: ML600HC11378

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	0.073	0.081	0.004

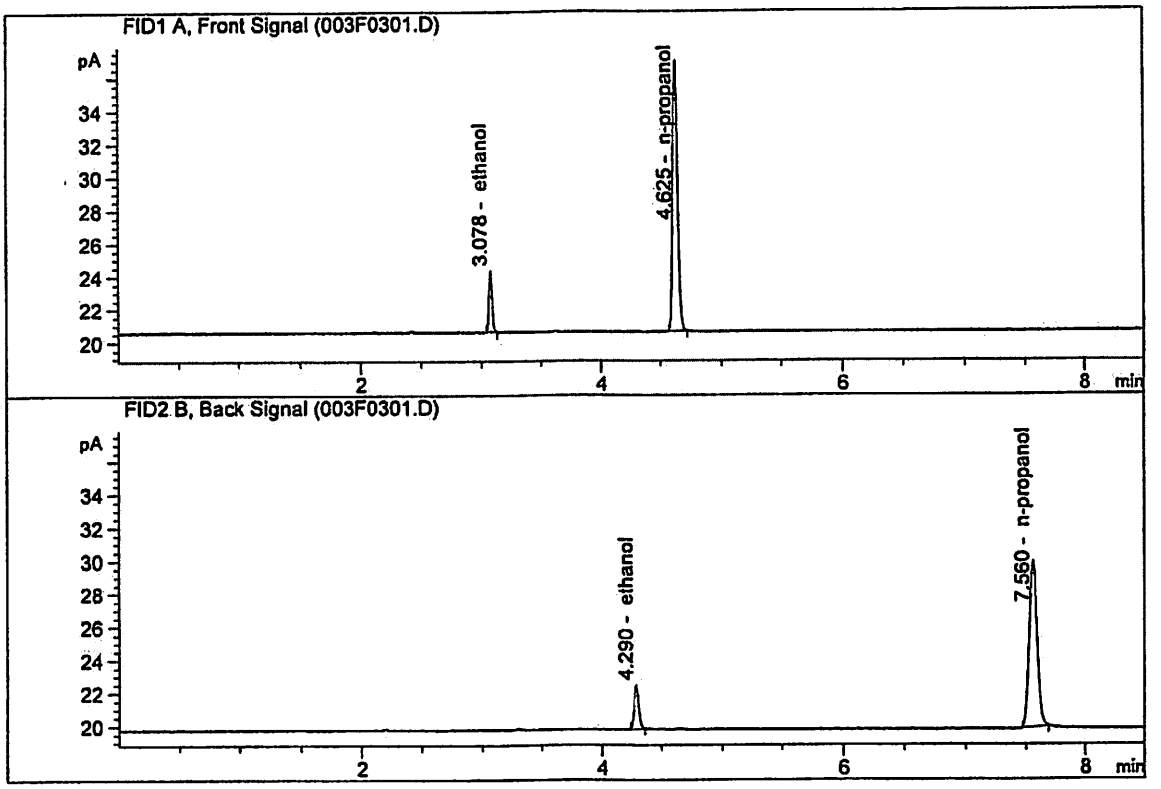
	Reported Result	
	0.077	

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Apr 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

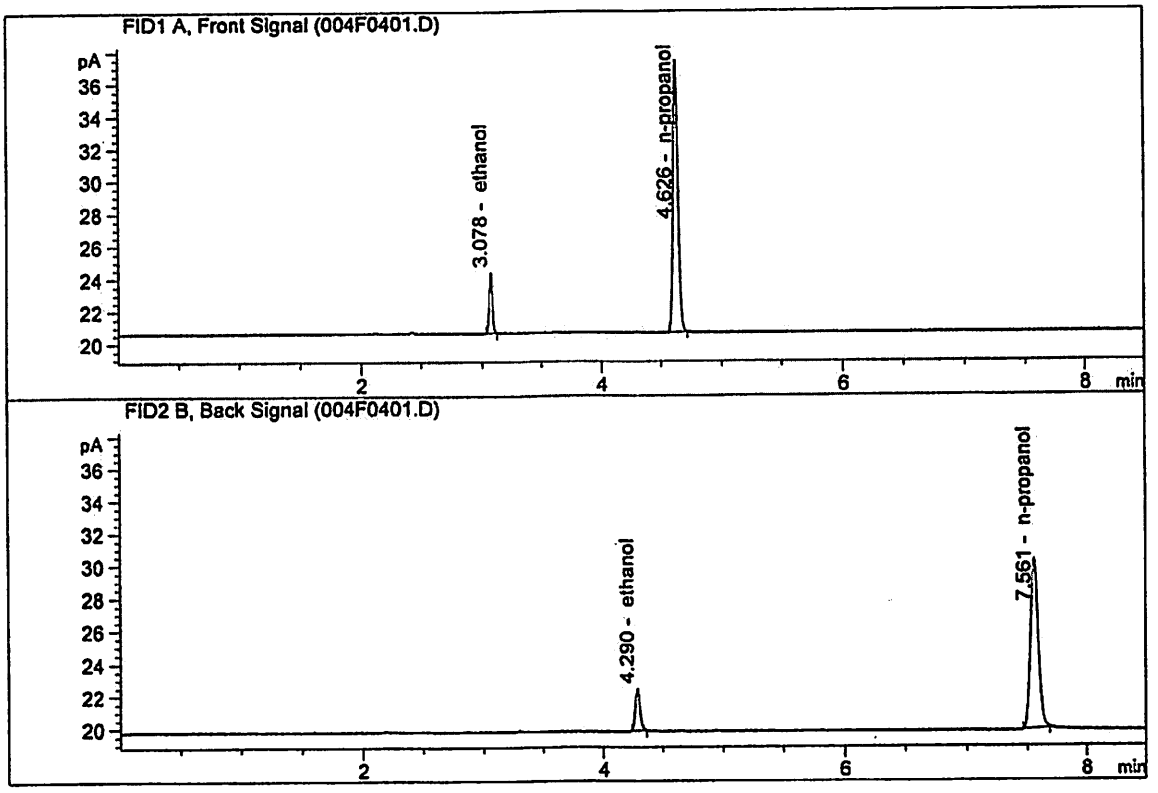


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.85036	0.0790	g/100cc
2.	Ethanol	Column 2:	7.01121	0.0792	g/100cc
3.	n-Propanol	Column 1:	46.54810	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.18643	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Apr 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.80560	0.0765	g/100cc
2.	Ethanol	Column 2:	6.97967	0.0770	g/100cc
3.	n-Propanol	Column 1:	47.72988	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.37069	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 19 Apr 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0805	0.0809	0.0004	0.0807	0.0804	
(g/100cc)	0.0797	0.0806	0.0009	0.0801		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: ML600HC11378

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

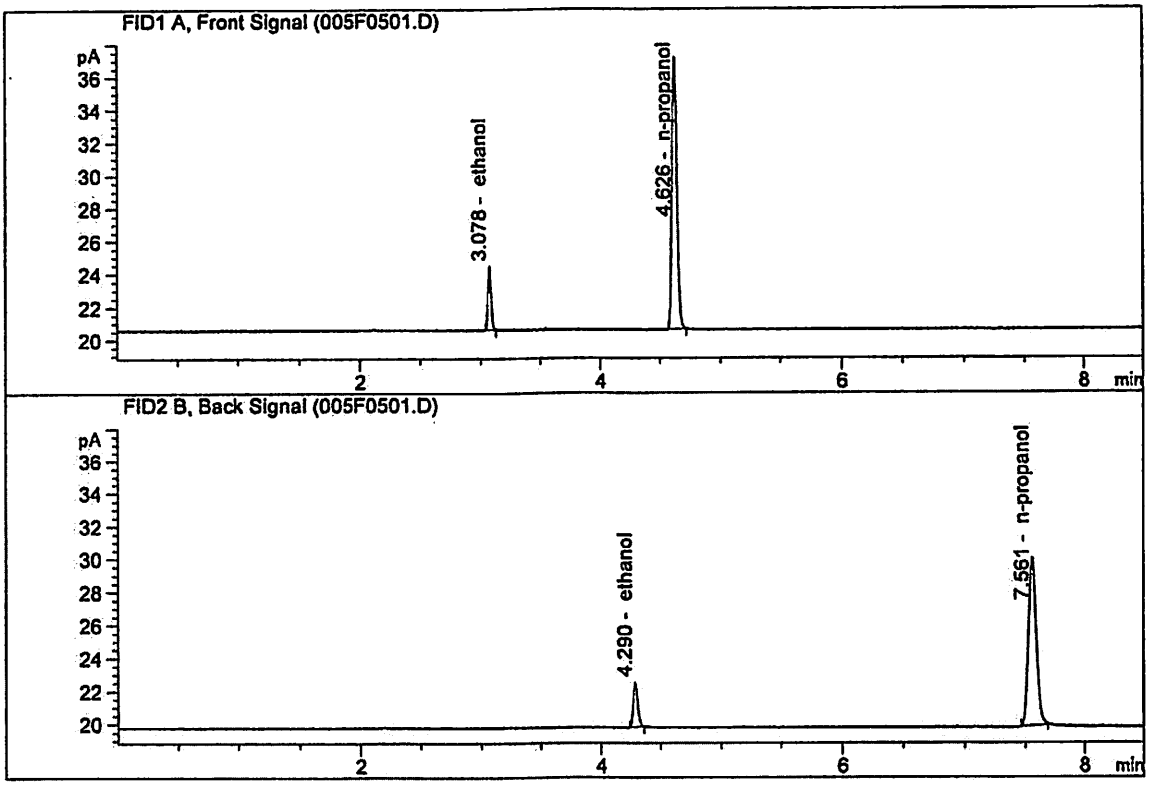
	Reported Result	
	0.080	

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name	:	0.08 FN04171701-A
Laboratory	:	Meridian
Injection Date	:	Apr 19, 2019
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167

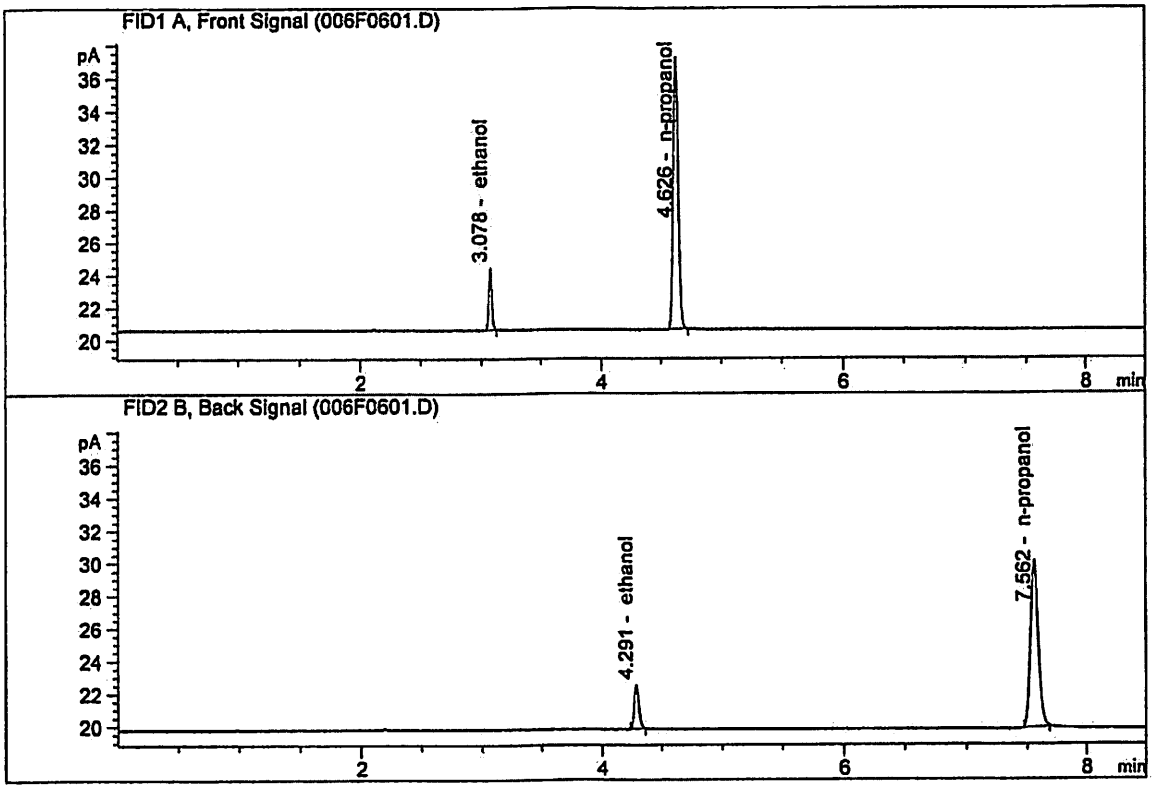


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.06896	0.0805	g/100cc
2.	Ethanol	Column 2:	7.23709	0.0809	g/100cc
3.	n-Propanol	Column 1:	47.10896	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.64848	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name	:	0.08 FN04171701-B
Laboratory	:	Meridian
Injection Date	:	Apr 19, 2019
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.03796	0.0797	g/100cc
2.	Ethanol	Column 2:	7.25305	0.0806	g/100cc
3.	n-Propanol	Column 1:	47.37977	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.93219	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 19 Apr 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2039	0.2032	0.0007	0.2035	0.2035	
(g/100cc)	0.2036	0.2033	0.0003	0.2034		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: ML600HC11378

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.203	0.192	0.214	0.011

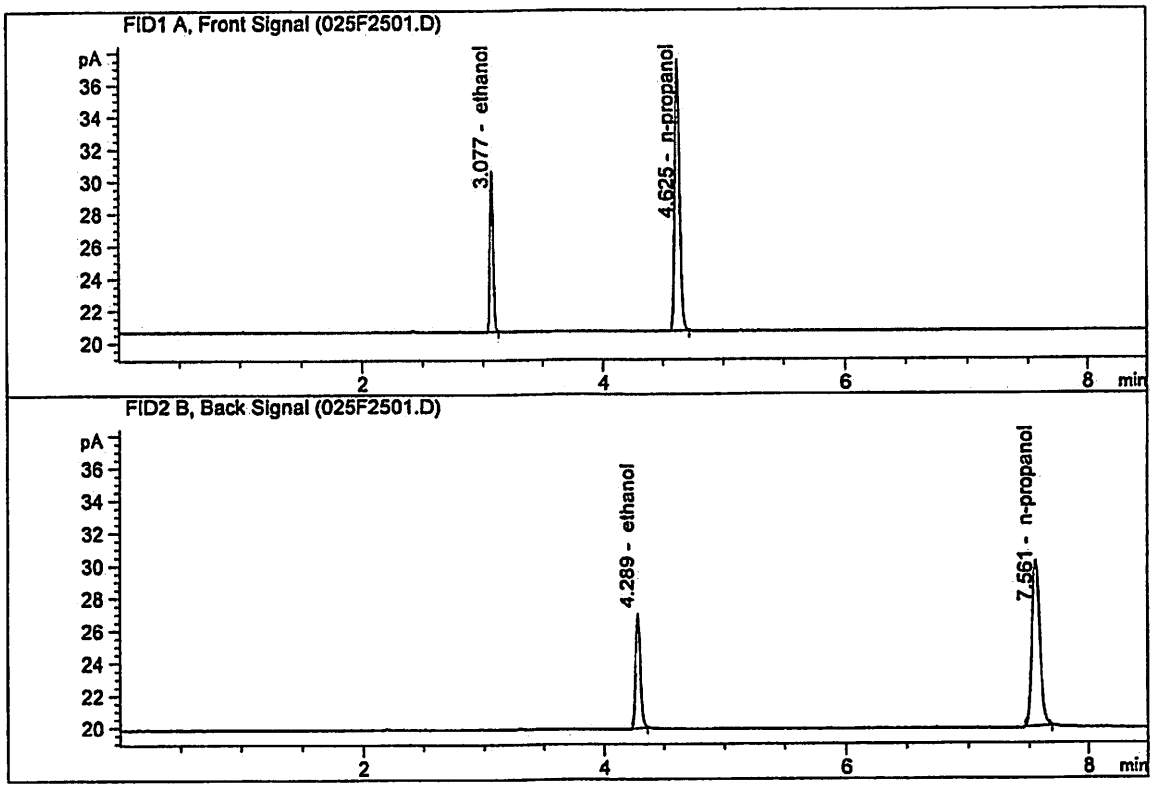
	Reported Result	
	0.203	

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Apr 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

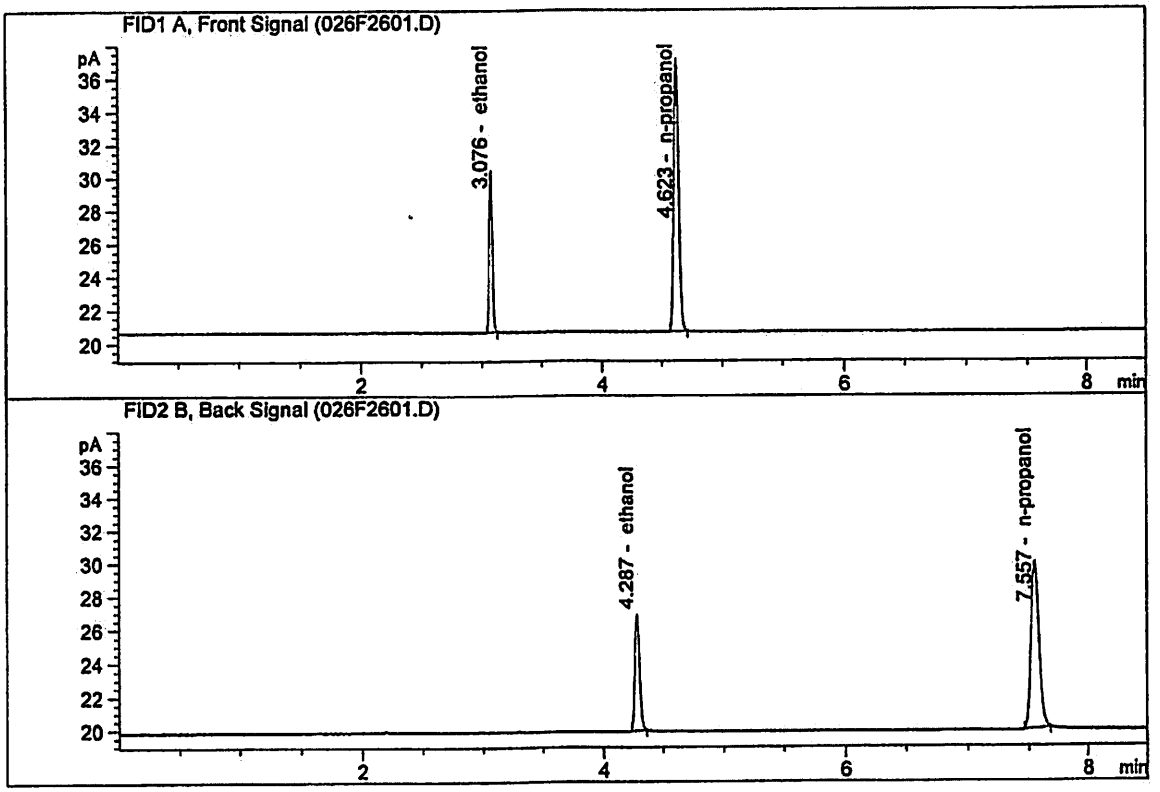


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.22675	0.2039	g/100cc
2.	Ethanol	Column 2:	18.98603	0.2032	g/100cc
3.	n-Propanol	Column 1:	47.95803	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.42385	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Apr 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.75176	0.2036	g/100cc
2.	Ethanol	Column 2:	18.47577	0.2033	g/100cc
3.	n-Propanol	Column 1:	46.76551	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.07154	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 19 Apr 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0797	0.0800	0.0003	0.0798	0.0801	
(g/100cc)	0.0802	0.0806	0.0004	0.0804		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: ML600HC11378

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

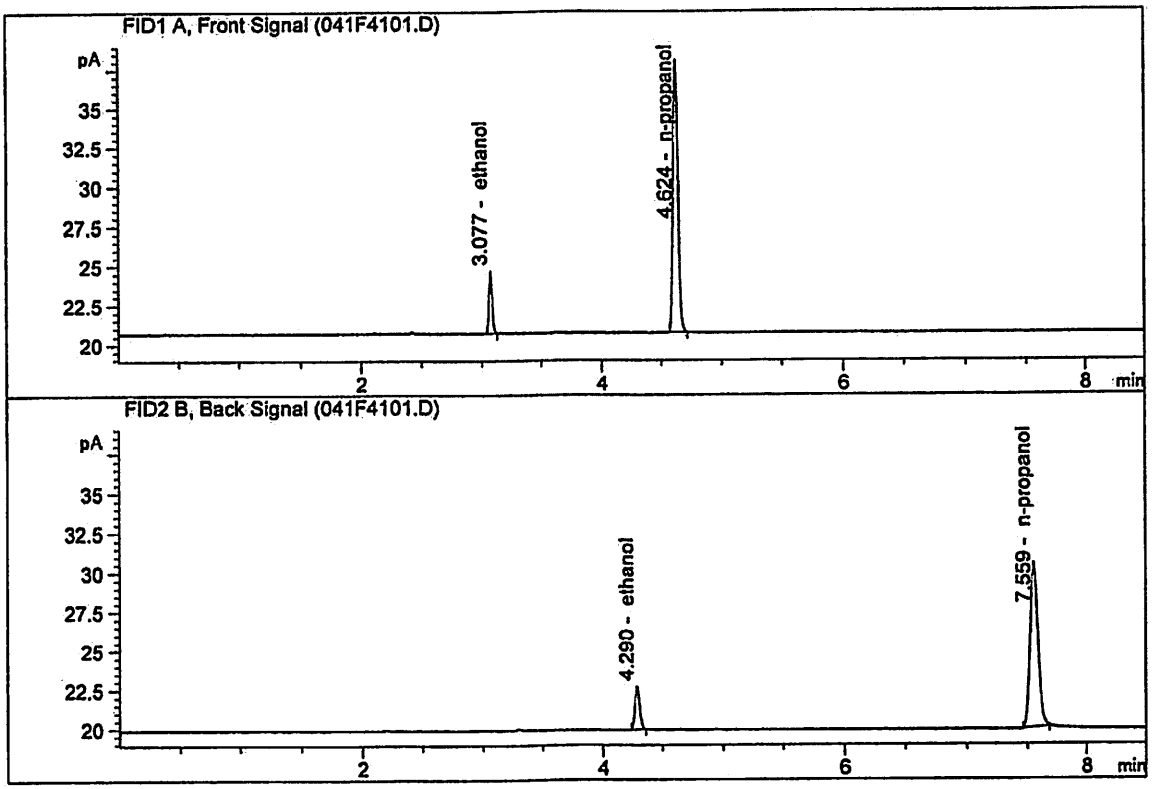
	Reported Result	
	0.080	

Calibration and control data are stored centrally.

JJ

ISP Forensic Services Blood Alcohol Report

Sample Name	:	QC1-2-A
Laboratory	:	Meridian
Injection Date	:	Apr 19, 2019
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167

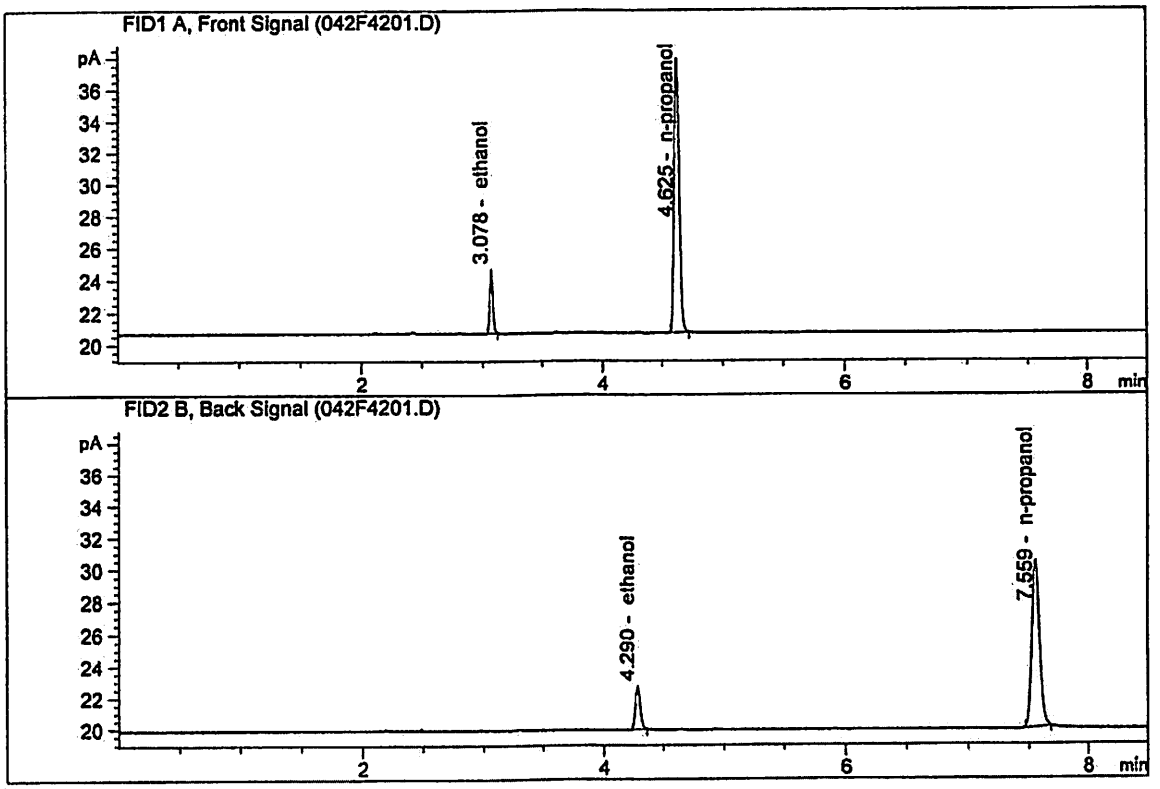


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.33340	0.0797	g/100cc
2.	Ethanol	Column 2:	7.46867	0.0800	g/100cc
3.	n-Propanol	Column 1:	49.37984	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.76497	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Apr 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

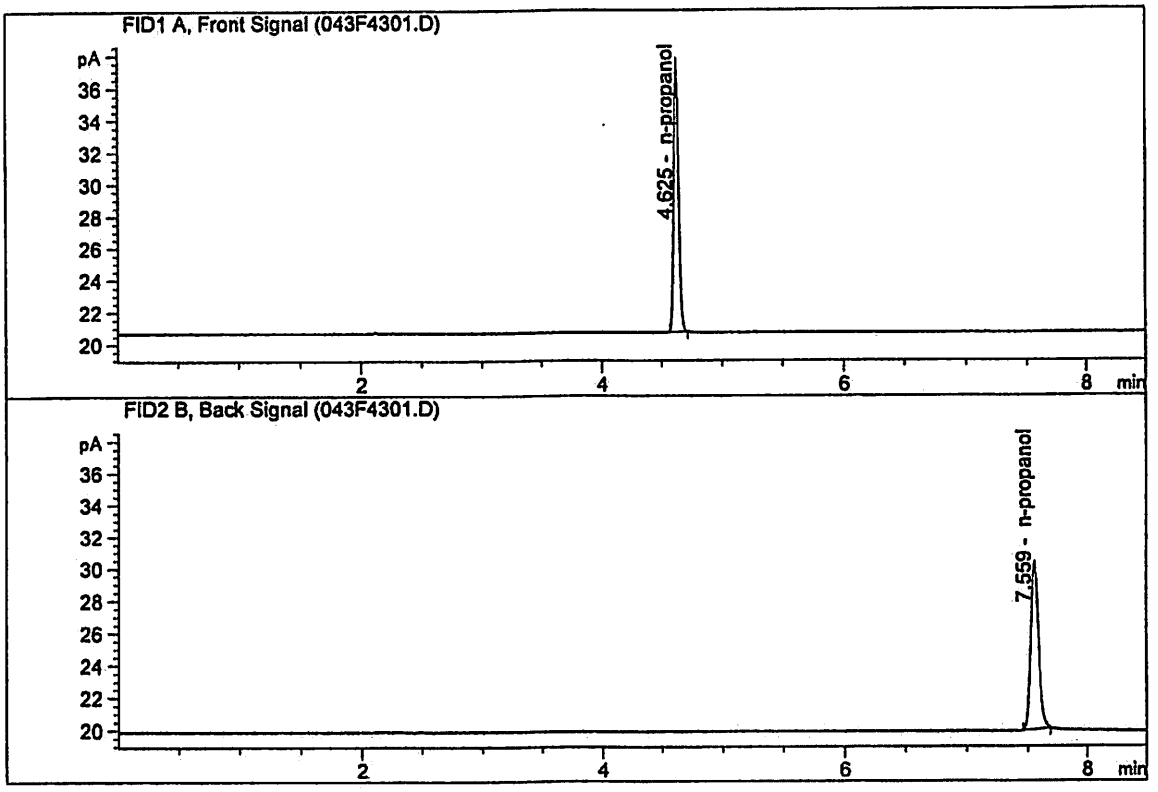


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.31627	0.0802	g/100cc
2.	Ethanol	Column 2:	7.45218	0.0806	g/100cc
3.	n-Propanol	Column 1:	48.97044	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.23603	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Apr 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	48.22097	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.58401	1.0000	g/100cc

JC

Sample Summary

Sequence table: C:\Chem32\1\Data\04-19-19_SAMPLES\04-19-19_SAMPLES 2019-04-19 12-08-15\04-19-19_SAMPLES.S
Data directory path: C:\Chem32\1\Data\04-19-19_SAMPLES\04-19-19_SAMPLES 2019-04-19 12-08-15\
Logbook: C:\Chem32\1\Data\04-19-19_SAMPLES\04-19-19_SAMPLES 2019-04-19 12-08-15\04-19-19_SAMPLES.LOG
Sequence start: 4/19/2019 12:22:57 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\04-19-19_SAMPLES\04-19-19_SAMPLES 2019-04-19 12-08-15\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	Cmp
1	1	1	INTERNAL STD BLK	-	1.0000	001F0101.D		2
2	2	1	MIX VOL FN060415	-	1.0000	002F0201.D		10
3	3	1	QC1-1-A	-	1.0000	003F0301.D		4
4	4	1	QC1-1-B	-	1.0000	004F0401.D		4
5	5	1	0.08 FN04171701-	-	1.0000	005F0501.D		4
6	6	1	0.08 FN04171701-	-	1.0000	006F0601.D		4
7	7	1	M2019-1531-1-A	-	1.0000	007F0701.D		4
8	8	1	M2019-1531-1-B	-	1.0000	008F0801.D		4
9	9	1	M2019-1630-1-A	-	1.0000	009F0901.D		4
10	10	1	M2019-1630-1-B	-	1.0000	010F1001.D		4
11	11	1	M2019-1631-1-A	-	1.0000	011F1101.D		4
12	12	1	M2019-1631-1-B	-	1.0000	012F1201.D		4
13	13	1	M2019-1632-1-A	-	1.0000	013F1301.D		4
14	14	1	M2019-1632-1-B	-	1.0000	014F1401.D		4
15	15	1	M2019-1673-1-A	-	1.0000	015F1501.D		2
16	16	1	M2019-1673-1-B	-	1.0000	016F1601.D		2
17	17	1	M2019-1679-1-A	-	1.0000	017F1701.D		4
18	18	1	M2019-1679-1-B	-	1.0000	018F1801.D		4
19	19	1	M2019-1694-1-A	-	1.0000	019F1901.D		2
20	20	1	M2019-1694-1-B	-	1.0000	020F2001.D		2
21	21	1	M2019-1722-1-A	-	1.0000	021F2101.D		4
22	22	1	M2019-1722-1-B	-	1.0000	022F2201.D		4
23	23	1	M2019-1736-1-A	-	1.0000	023F2301.D		4
24	24	1	M2019-1736-1-B	-	1.0000	024F2401.D		4
25	25	1	QC2-1-A	-	1.0000	025F2501.D		4
26	26	1	QC2-1-B	-	1.0000	026F2601.D		4
27	27	1	M2019-1743-1-A	-	1.0000	027F2701.D		2
28	28	1	M2019-1743-1-B	-	1.0000	028F2801.D		2
29	29	1	M2019-1776-1-A	-	1.0000	029F2901.D		4
30	30	1	M2019-1776-1-B	-	1.0000	030F3001.D		4
31	31	1	M2019-1777-1-A	-	1.0000	031F3101.D		4
32	32	1	M2019-1777-1-B	-	1.0000	032F3201.D		4
33	33	1	M2019-1778-1-A	-	1.0000	033F3301.D		2
34	34	1	M2019-1778-1-B	-	1.0000	034F3401.D		2
35	35	1	M2019-1779-1-A	-	1.0000	035F3501.D		4
36	36	1	M2019-1779-1-B	-	1.0000	036F3601.D		4
37	37	1	M2019-1786-1-A	-	1.0000	037F3701.D		4
38	38	1	M2019-1786-1-B	-	1.0000	038F3801.D		4
39	39	1	M2019-1806-1-A	-	1.0000	039F3901.D		4
40	40	1	M2019-1806-1-B	-	1.0000	040F4001.D		4
41	41	1	QC1-2-A	-	1.0000	041F4101.D		4
42	42	1	QC1-2-B	-	1.0000	042F4201.D		4
43	43	1	INTERNAL STD BLK	-	1.0000	043F4301.D		2

JG

Method file name: C:\Chem32\1\Data\04-19-19_SAMPLES\04-19-19_SAMPLES 2019-04-19 12-08-15\SHUTDOWN.M

Run #	Location #	Inj	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
44	44	1	EMPTY	-	1.0000	044F4401.D		0

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, April 10, 2019 2:51:55 PM
Signals calculated separately : No

Rel. Reference Window : 0.000 %
Abs. Reference Window : 0.100 min
Rel. Non-ref. Window : 0.000 %
Abs. Non-ref. Window : 0.100 min
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Ignored
Weight : Equal

Recalibration Settings:
Average Response : Average all calibrations
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100cc]	Name
1	1.00000	n-propanol
2	1.00000	n-propanol

Signal Details

Signal 1: FID1 A, Front Signal
Signal 2: FID2 B, Back Signal

Overview Table

Method C:\CHEM32\1\METHODS\ALCOHOL.M

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.586	1	1	1.00000	3.69669	2.70512e-1	No	No	1	methanol
2.809	1	1	1.00000	4.26100	2.34687e-1	No	No	2	Acetaldehyde
2.977	2	1	1.00000	4.26100	2.34687e-1	No	No	2	Acetaldehyde
3.075	1	1	5.00000e-2	4.36675	1.14502e-2	No	No	1	ethanol
		2	1.00000e-1	8.81289	1.13470e-2				
		3	2.00000e-1	17.68171	1.13111e-2				
		4	3.00000e-1	26.24750	1.14297e-2				
		5	5.00000e-1	44.22082	1.13069e-2				
3.388	2	1	1.00000	4.26062	2.34707e-1	No	No	2	methanol
3.628	1	1	1.00000	9.73055	1.02769e-1	No	No	1	isopropyl alcohol
4.285	2	1	5.00000e-2	4.53439	1.10269e-2	No	No	2	ethanol
		2	1.00000e-1	9.12128	1.09634e-2				
		3	2.00000e-1	18.55062	1.07813e-2				
		4	3.00000e-1	27.66423	1.08443e-2				
		5	5.00000e-1	46.96515	1.06462e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	46.54359	2.14852e-2	No	Yes	1	n-propanol
		2	1.00000	47.48743	2.10582e-2				
		3	1.00000	47.66465	2.09799e-2				
		4	1.00000	46.68369	2.14208e-2				
		5	1.00000	47.47346	2.10644e-2				
4.661	2	1	1.00000	6.89301	1.45075e-1	No	No	2	acetone
4.969	2	1	1.00000	10.70642	9.34019e-2	No	No	2	isopropyl alcohol
7.550	2	1	1.00000	49.01450	2.04021e-2	No	Yes	2	n-propanol
		2	1.00000	49.64529	2.01429e-2				
		3	1.00000	49.55303	2.01804e-2				
		4	1.00000	48.30924	2.07000e-2				
		5	1.00000	49.14894	2.03463e-2				

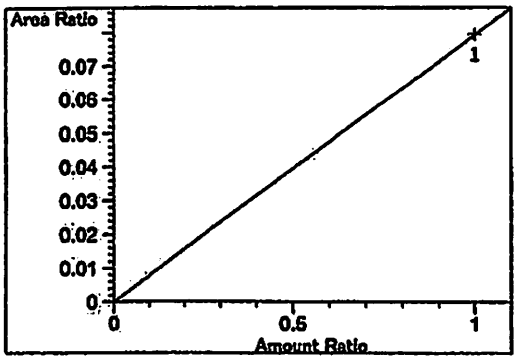
Peak Sum Table

No Entries in table

1 Warnings or Errors :

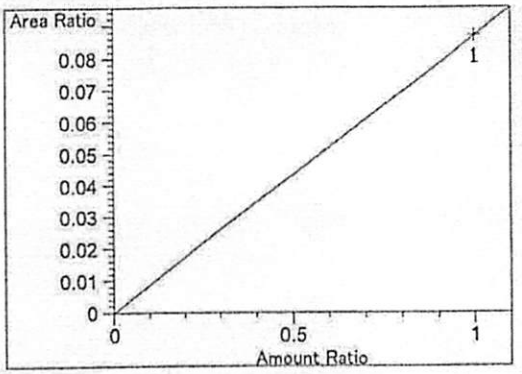
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

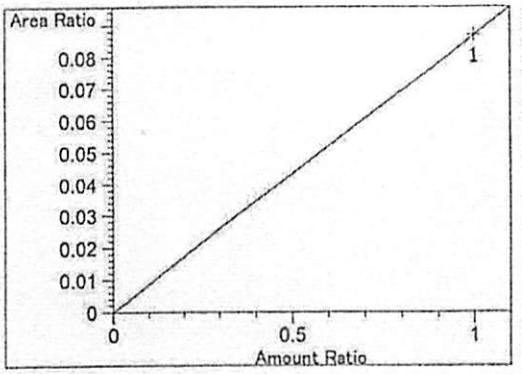


methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 7.94244e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

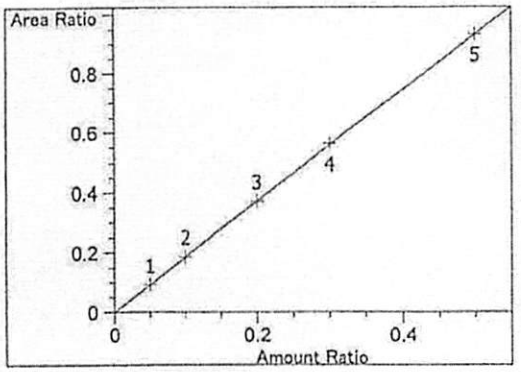
JG



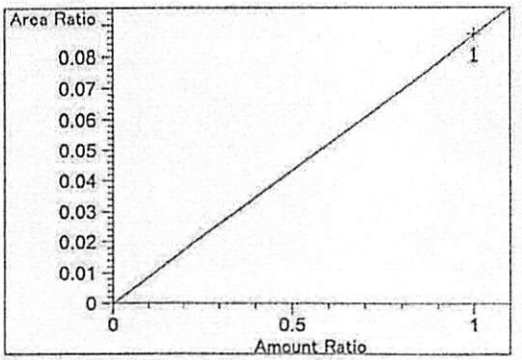
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.69335e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.69335e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

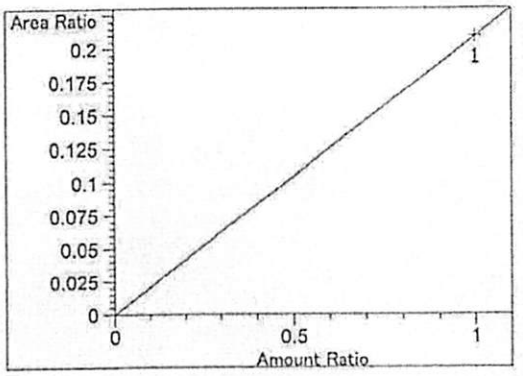


ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00214
Formula: y = mx + b
m: 1.86496
b: -1.23555e-4
x: Amount Ratio
y: Area Ratio

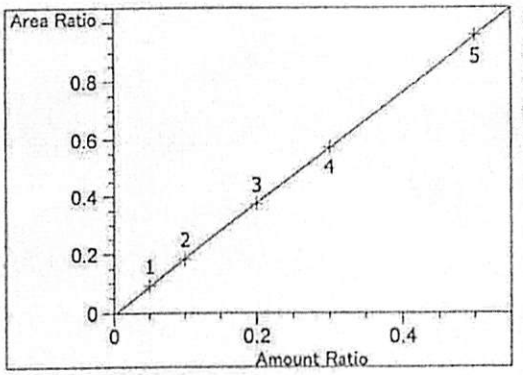


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.69258e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

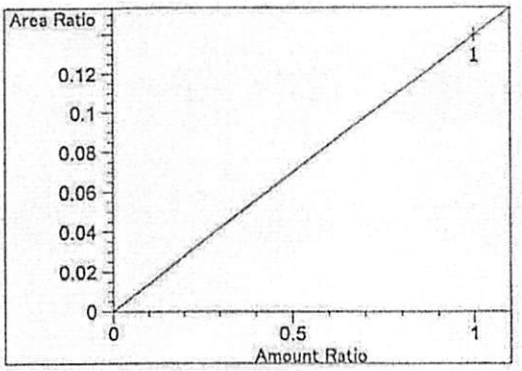
JG



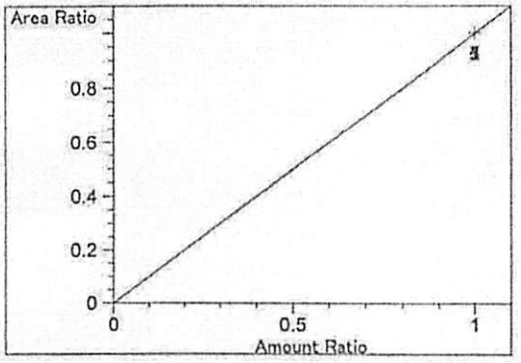
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.09063e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00325
Formula: y = mx + b
m: 1.92438
b: -6.84525e-3
x: Amount Ratio
y: Area Ratio



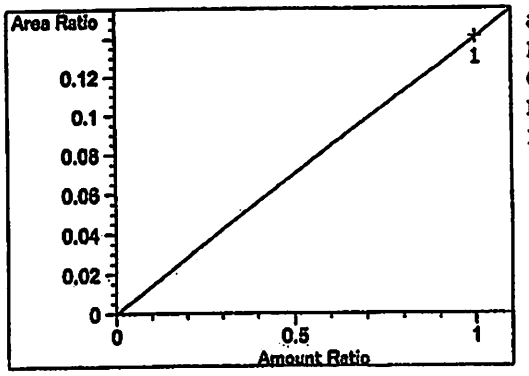
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.39641e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



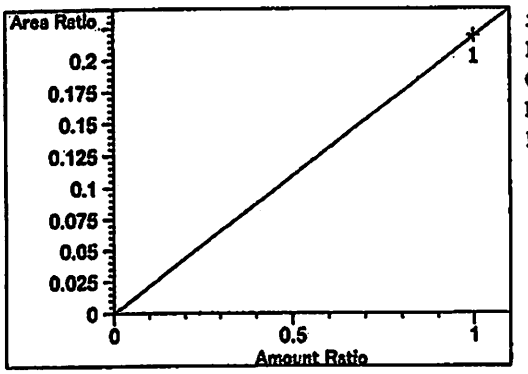
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

JC

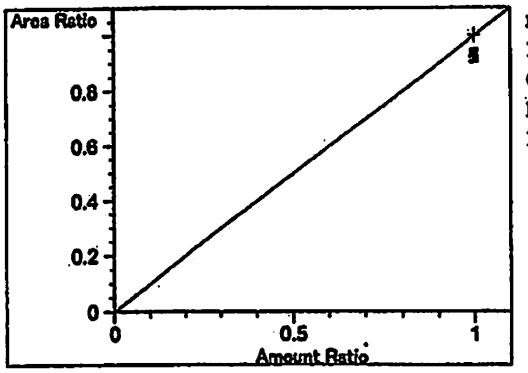
Method C:\CHEM32\1\METHODS\ALCOHOL.M



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.40632e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.18434e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

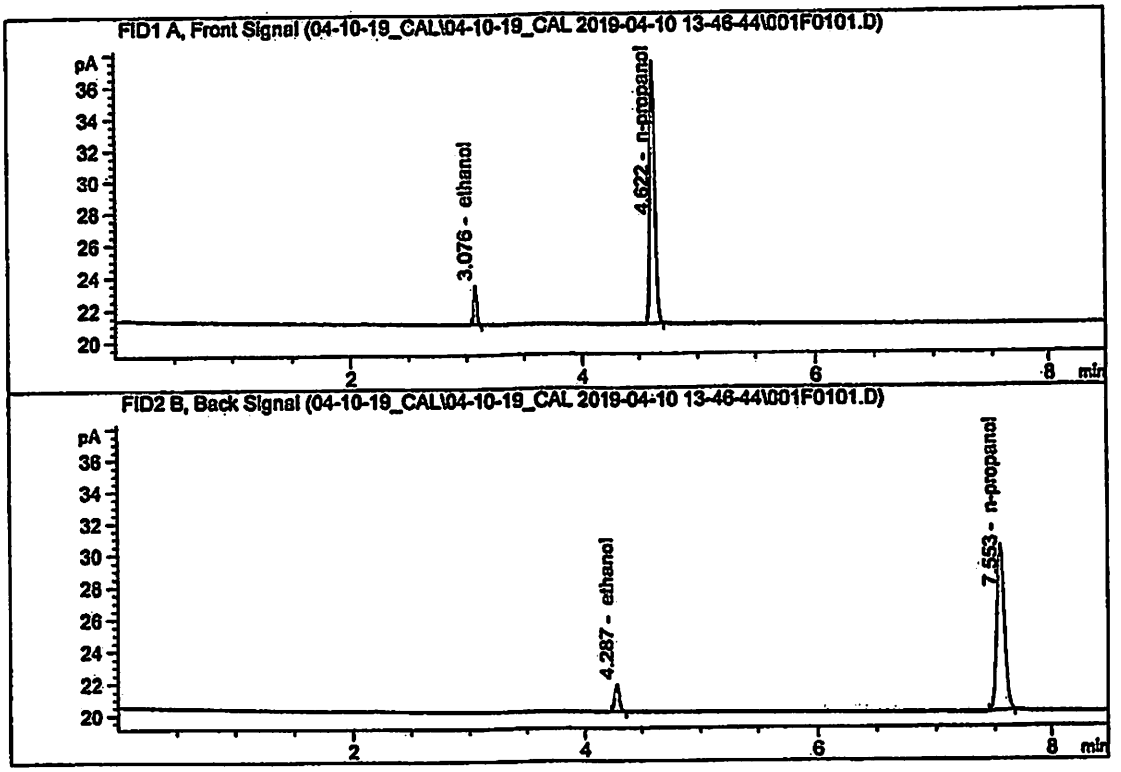


n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

JG

ISP Forensic Services Blood Alcohol Report

Sample Name	:	0.050 FN04271601
Laboratory	:	Meridian
Injection Date	:	Apr 10, 2019
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167

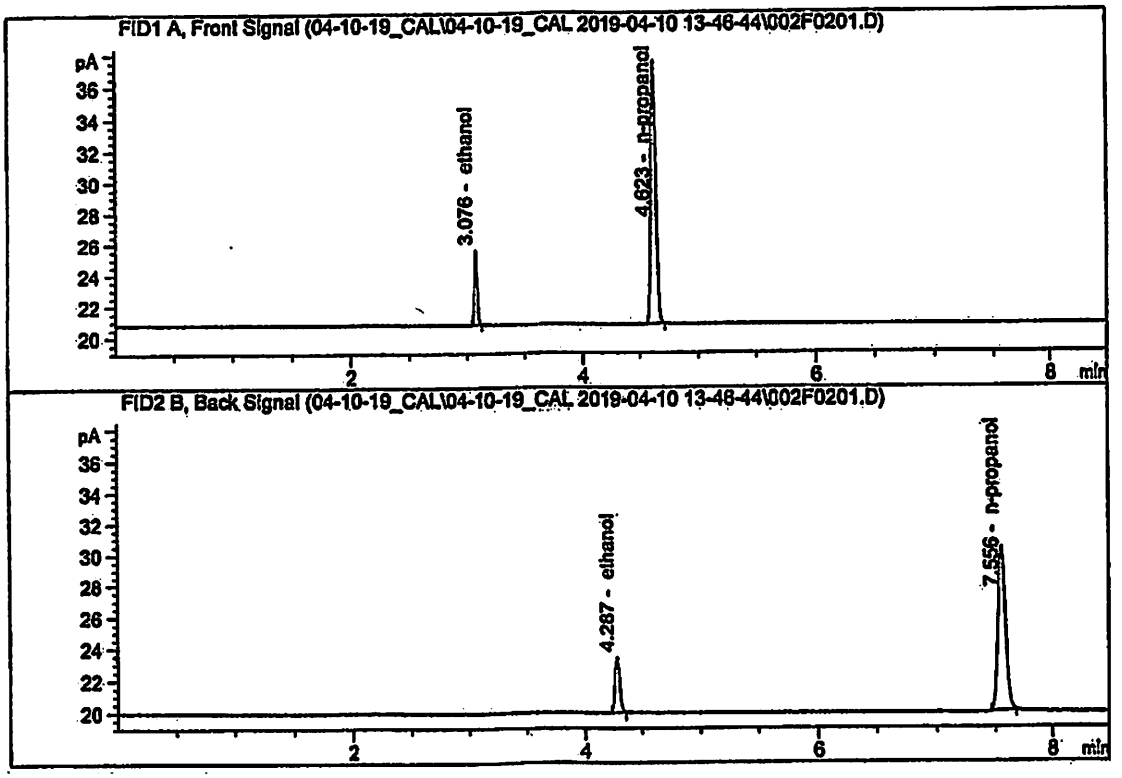


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.36675	0.0504	g/100cc
2.	Ethanol	Column 2:	4.53439	0.0516	g/100cc
3.	n-Propanol	Column 1:	46.54359	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.01450	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name	:	0.100 FN08101601
Laboratory	:	Meridian
Injection Date	:	Apr 10, 2019
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167

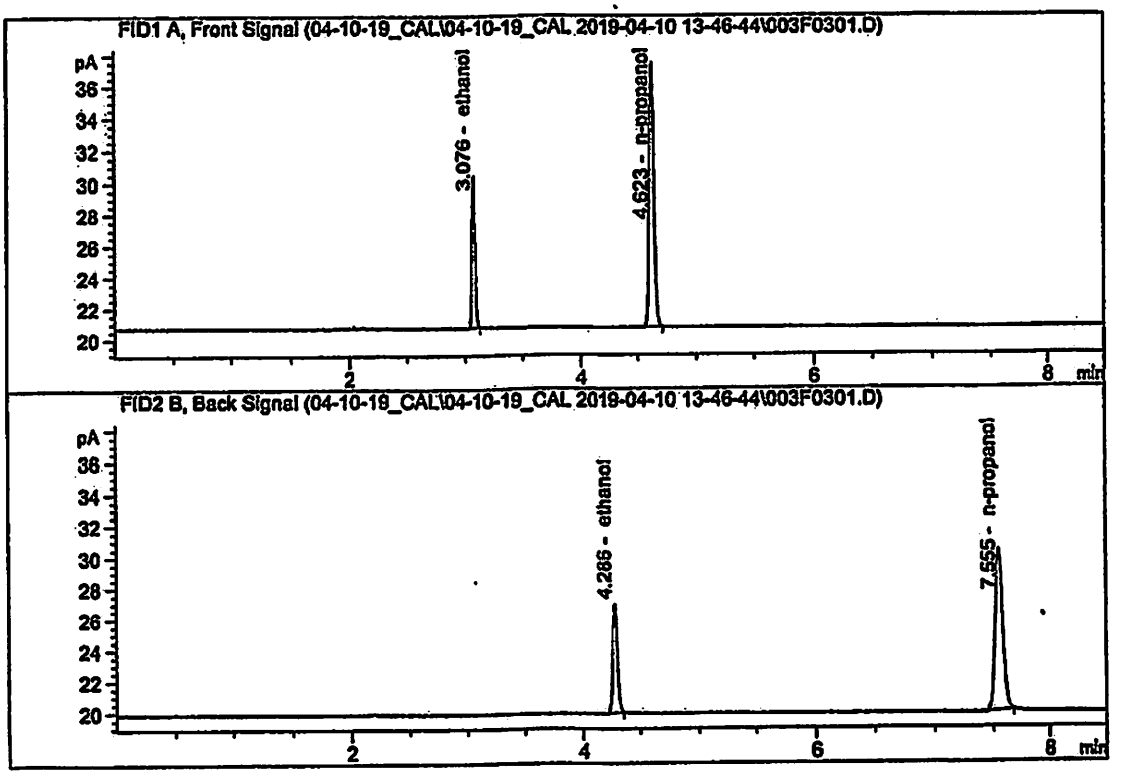


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.81289	0.0996	g/100cc
2.	Ethanol	Column 2:	9.12128	0.0990	g/100cc
3.	n-Propanol	Column 1:	47.48743	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.64529	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN03301601
Laboratory : Meridian
Injection Date : Apr 10, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

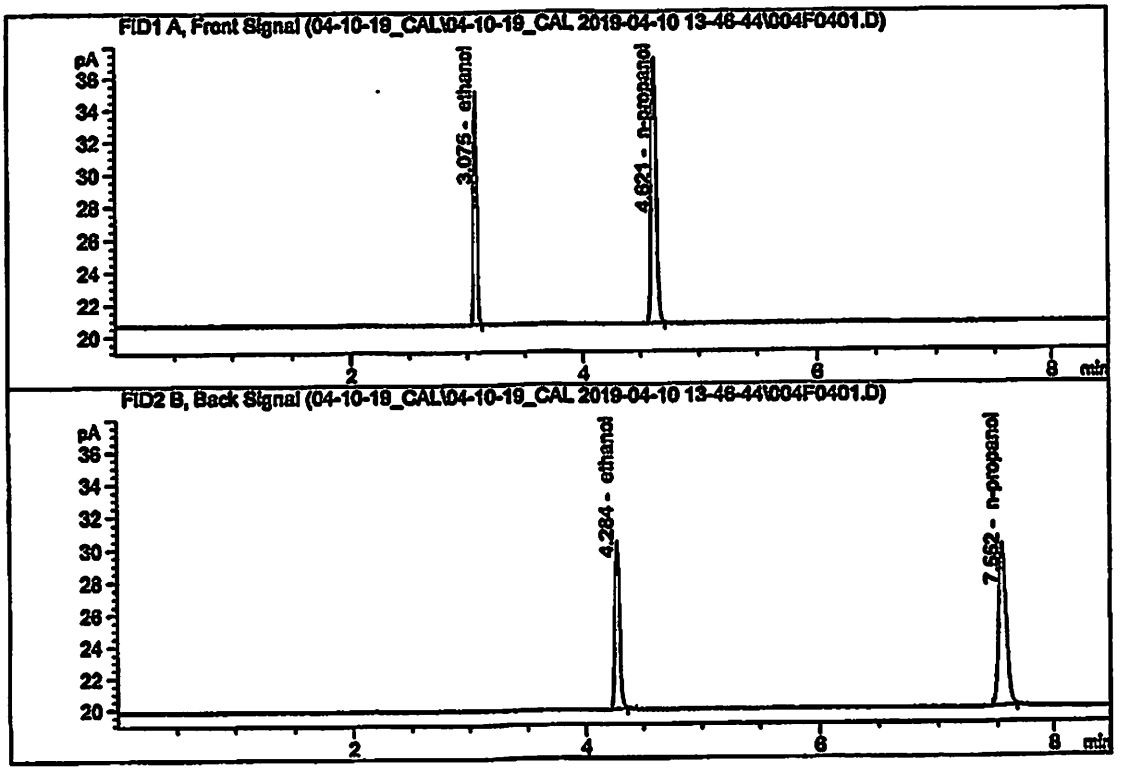


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.68171	0.1990	g/100cc
2.	Ethanol	Column 2:	18.55062	0.1981	g/100cc
3.	n-Propanol	Column 1:	47.66465	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.55303	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name	:	0.300 FN02121601
Laboratory	:	Meridian
Injection Date	:	Apr 10, 2019
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167

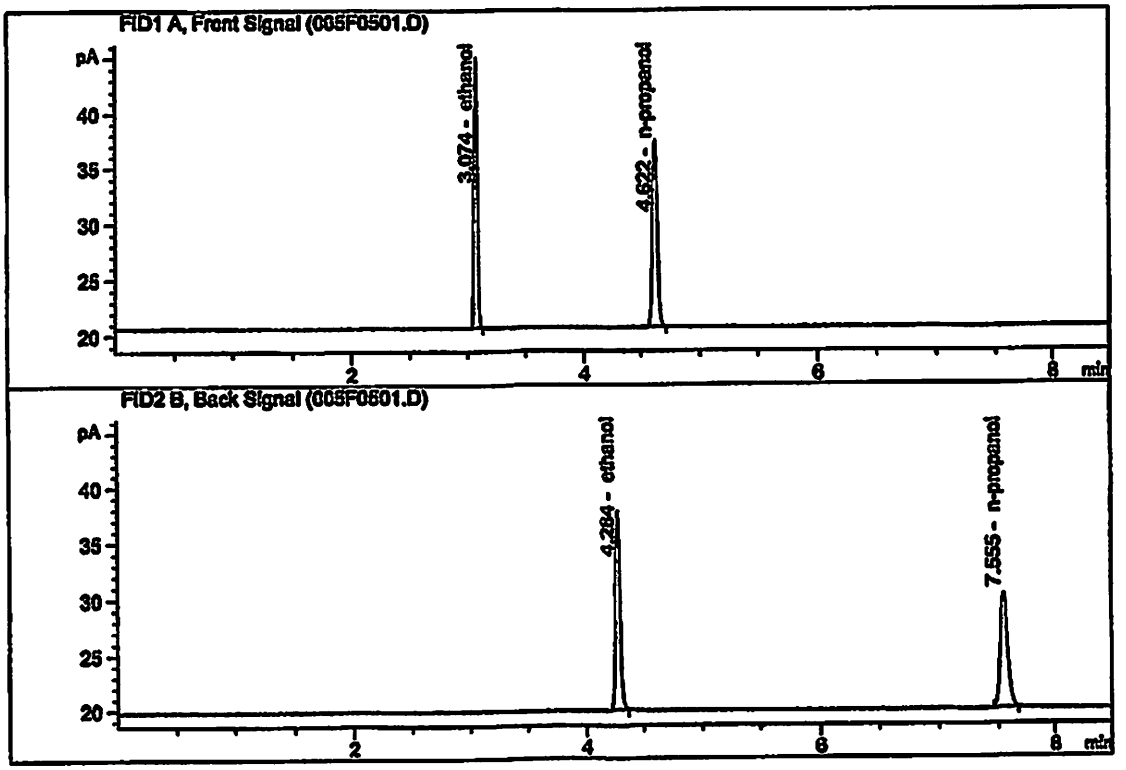


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.24750	0.3015	g/100cc
2.	Ethanol	Column 2:	27.66423	0.3011	g/100cc
3.	n-Propanol	Column 1:	46.68369	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.30924	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08031602
Laboratory : Meridian
Injection Date : Apr 10, 2019
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

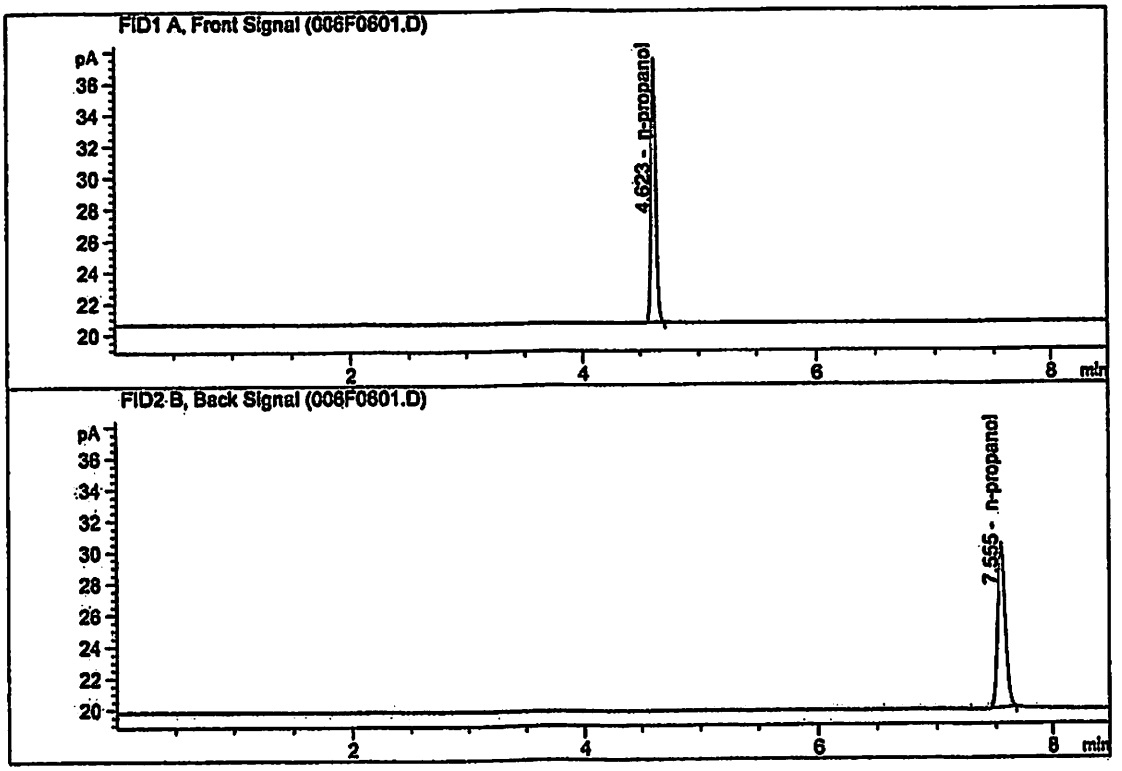


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.22082	0.4995	g/100cc
2.	Ethanol	Column 2:	46.96515	0.5001	g/100cc
3.	n-Propanol	Column 1:	47.47346	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.14894	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name	:	INTERNAL STANDARD BLANK
Laboratory	:	Meridian
Injection Date	:	Apr 10, 2019
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	47.86829	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.64546	1.0000	g/100cc

JG

Sequence File C:\Chem32\1\Data\04-10-19_CAL\04-10-19_CAL 2019-04-10 13-46-44\04-10-19_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\04-10-19_CAL\04-10-19_CAL 2019-04-10 13-46-44\04-10-19_CAL.S
Data directory path: C:\Chem32\1\Data\04-10-19_CAL\04-10-19_CAL 2019-04-10 13-46-44\
Logbook: C:\Chem32\1\Data\04-10-19_CAL\04-10-19_CAL 2019-04-10 13-46-44\04-10-19_CAL.LOG
Sequence start: 4/10/2019 2:01:23 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\04-10-19_CAL\04-10-19_CAL 2019-04-10 13-46-44\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	0.050 FN04271601	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN08101601	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN03301601	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN02121601	-	1.0000	004F0401.D	*	4
5	5	1	0.500 FN08031602	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

JG