Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 503A Liquid Processor/Dilutor Serial Number: MD96BC1382/MD94AM10010

Volatiles Quality Assurance Controls **Run Date(s): 1/16/17-1/17/17**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702 - 0.0858	0.0764 g/100cc
					0.0793 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818 - 0.2222	0.2013 g/100cc
					0.2059 g/100cc
					g/100cc
Multi-Component mixture:		Exp date: Oct 2019	Lot #	FN09231404	OK
Curve Fit:			Column 1	0.99998 Column2	0.99990

Ethanol Calibration Reference Material								
Calibrator level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
0.050	Jul-19	FN06231406	0.050	0.045 - 0.055	0.5020	0.5250	0.023	0.5135
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.0999	0.0999	0	0.0999
0.200	Mar-17	FN032712-01	0.200	0.180 - 0.220	0.2011	0.1986	0.0025	0.1998
0.300	Jun-20	FN06051501	0.300	0.270 - 0.330	0.2981	0.2966	0.0015	0.2973
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5007	0.5024	0.0017	0.5015

Aqueous Controls					
Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.079 g/100cc

~Any information on this document can be changed for laboratory use, except for the precision and mean determination fomulas.

NB

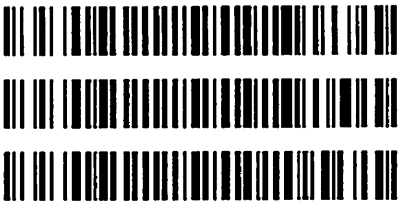
Worklist: 1489

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
C2017-0036	2	73796	Alcohol Analysis
M2016-5314	1	73048	Alcohol Analysis
M2016-5331	1	74359	Alcohol Analysis
M2016-5367	1	73305	Alcohol Analysis
M2016-5369	1	73329	Alcohol Analysis
M2017-0013	1	73492	Alcohol Analysis
M2017-0014	1	73493	Alcohol Analysis
M2017-0015	1	73507	Alcohol Analysis
M2017-0016	1	73537	Alcohol Analysis
M2017-0017	1	73541	Alcohol Analysis
M2017-0018	1	73595	Alcohol Analysis
M2017-0020	1	73618	Alcohol Analysis
M2017-0023	1	73667	Alcohol Analysis
M2017-0024	1	73668	Alcohol Analysis
M2017-0032	1	73686	Alcohol Analysis
M2017-0033	1	73687	Alcohol Analysis
M2017-0035	1	73722	Alcohol Analysis
M2017-0042	1	73863	Alcohol Analysis
M2017-0043	1	73864	Alcohol Analysis
M2017-0046	1	73873	Alcohol Analysis
M2017-0050	1	73878	Alcohol Analysis
M2017-0056	1	73886	Alcohol Analysis
M2017-0057	1	73889	Alcohol Analysis

NB

Worklist: 1489

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-0065	1	73945	Alcohol Analysis
M2017-0066	1	73946	Alcohol Analysis
M2017-0114	1	74127	Alcohol Analysis



NB

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, January 16, 2017 11:48:09 AM
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

NB

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
3.073	1	1	5.00000e-2	4.20851	1.18807e-2	No	No	1	ethanol
		2	1.00000e-1	8.39419	1.19130e-2				
		3	2.00000e-1	16.80243	1.19030e-2				
		4	3.00000e-1	25.91469	1.15764e-2				
		5	5.00000e-1	42.52475	1.17579e-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	4.15636	1.20298e-2	No	No	2	ethanol
		2	1.00000e-1	8.36420	1.19557e-2				
		3	2.00000e-1	16.98506	1.17751e-2				
		4	3.00000e-1	26.61126	1.12734e-2				
		5	5.00000e-1	44.31466	1.12829e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.617	1	1	1.00000	41.11255	2.43235e-2	No	Yes	1	n-propanol
		2	1.00000	40.87407	2.44654e-2				
		3	1.00000	40.46025	2.47156e-2				
		4	1.00000	42.04975	2.37814e-2				
		5	1.00000	41.02768	2.43738e-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
7.549	2	1	1.00000	41.47831	2.41090e-2	No	Yes	2	n-propanol
		2	1.00000	40.98298	2.44004e-2				
		3	1.00000	40.34707	2.47849e-2				
		4	1.00000	41.83976	2.39007e-2				
		5	1.00000	40.74162	2.45449e-2				

Peak Sum Table

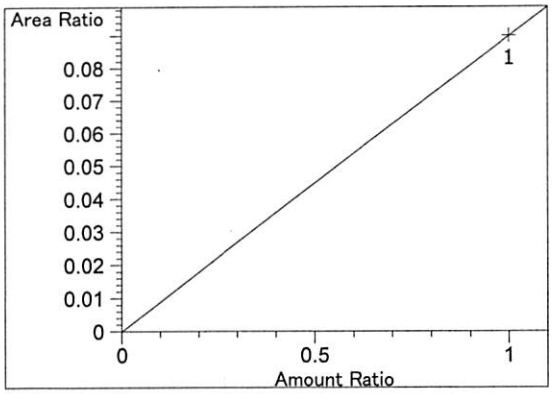
No Entries in table

41 Warnings or Errors (10 first messages follow) :

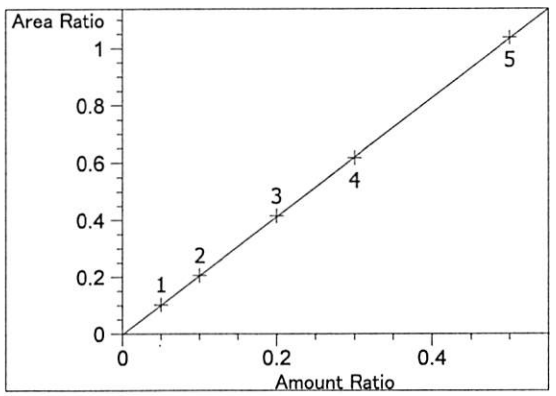
Warning : Curve requires more calibration points., (methanol)
Warning : Curve requires more calibration points. at 2.586 min, signal 1
Warning : Curve requires more calibration points. at 3.388 min, signal 2
Warning : Curve requires more calibration points. at 3.628 min, signal 1
Warning : Curve requires more calibration points. at 4.308 min, signal 1
Warning : Curve requires more calibration points. at 4.617 min, signal 1
Warning : Curve requires more calibration points. at 4.661 min, signal 2
Warning : Curve requires more calibration points. at 4.969 min, signal 2
Warning : Curve requires more calibration points. at 7.549 min, signal 2
Warning : Curve requires more calibration points. at 2.586 min, signal 1

NB

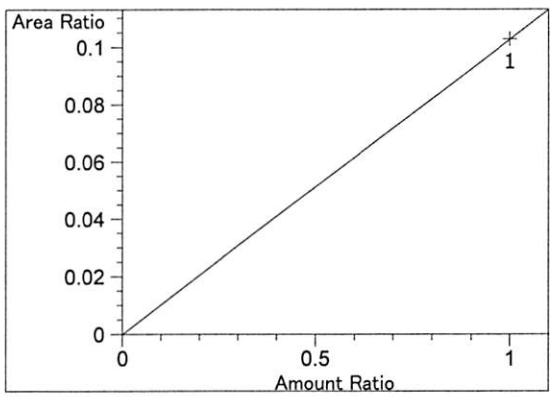
Calibration Curves



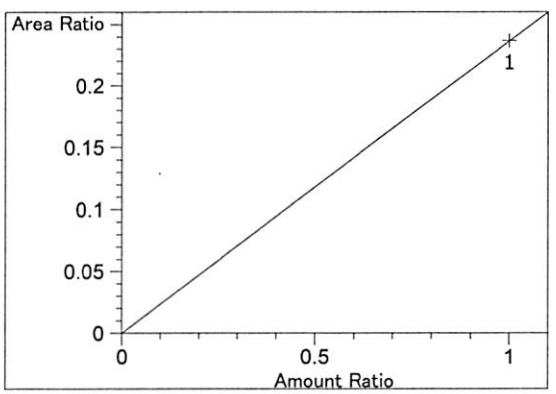
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.99165e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



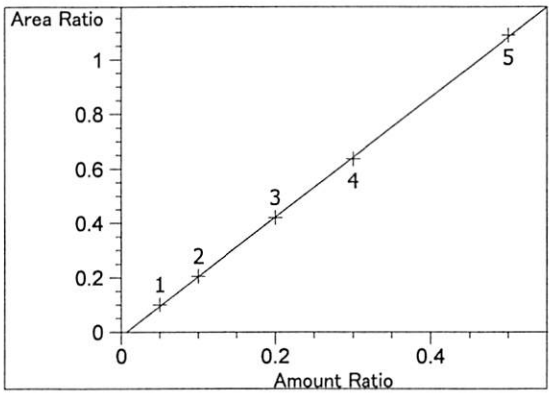
ethanol at exp. RT: 3.073
FID1 A, Front Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00283
Formula: y = mx + b
m: 2.07352
b: -1.75083e-3
x: Amount Ratio
y: Area Ratio



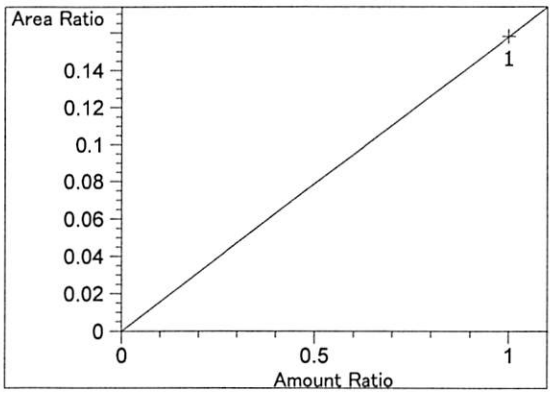
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.02719e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



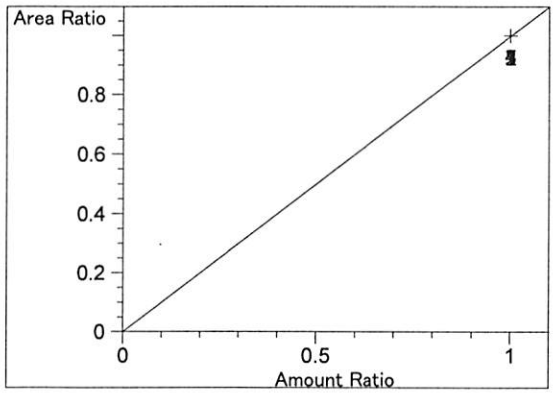
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.36681e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



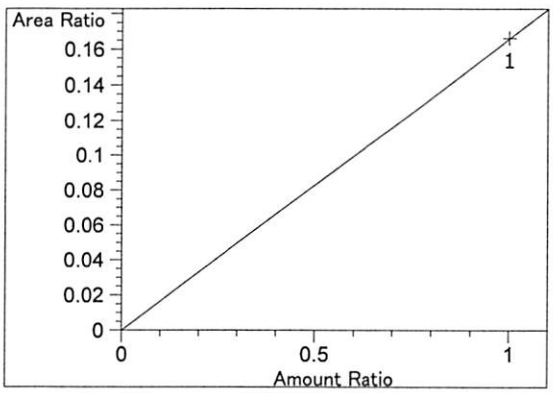
ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99990
Residual Std. Dev.: 0.00638
Formula: y = mx + b
m: 2.19534
b: -1.51280e-2
x: Amount Ratio
y: Area Ratio



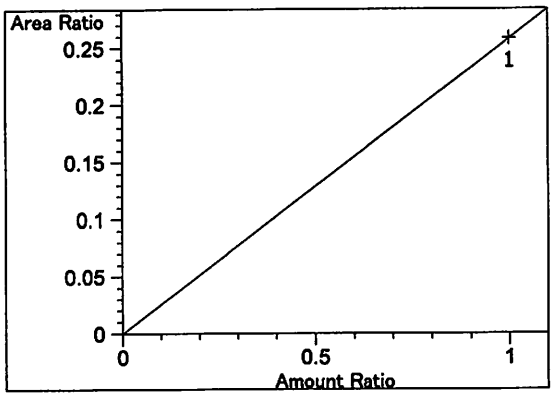
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.58088e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



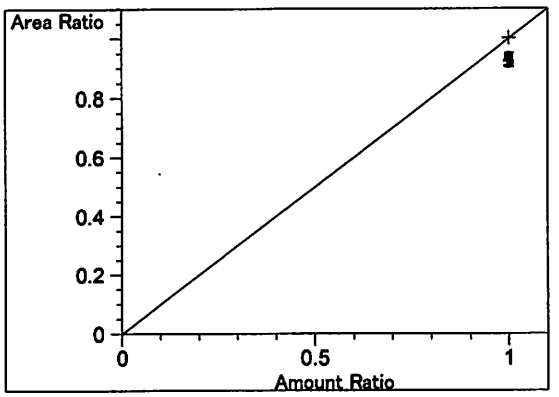
n-propanol at exp. RT: 4.617
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.66183e-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: 2.58121e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



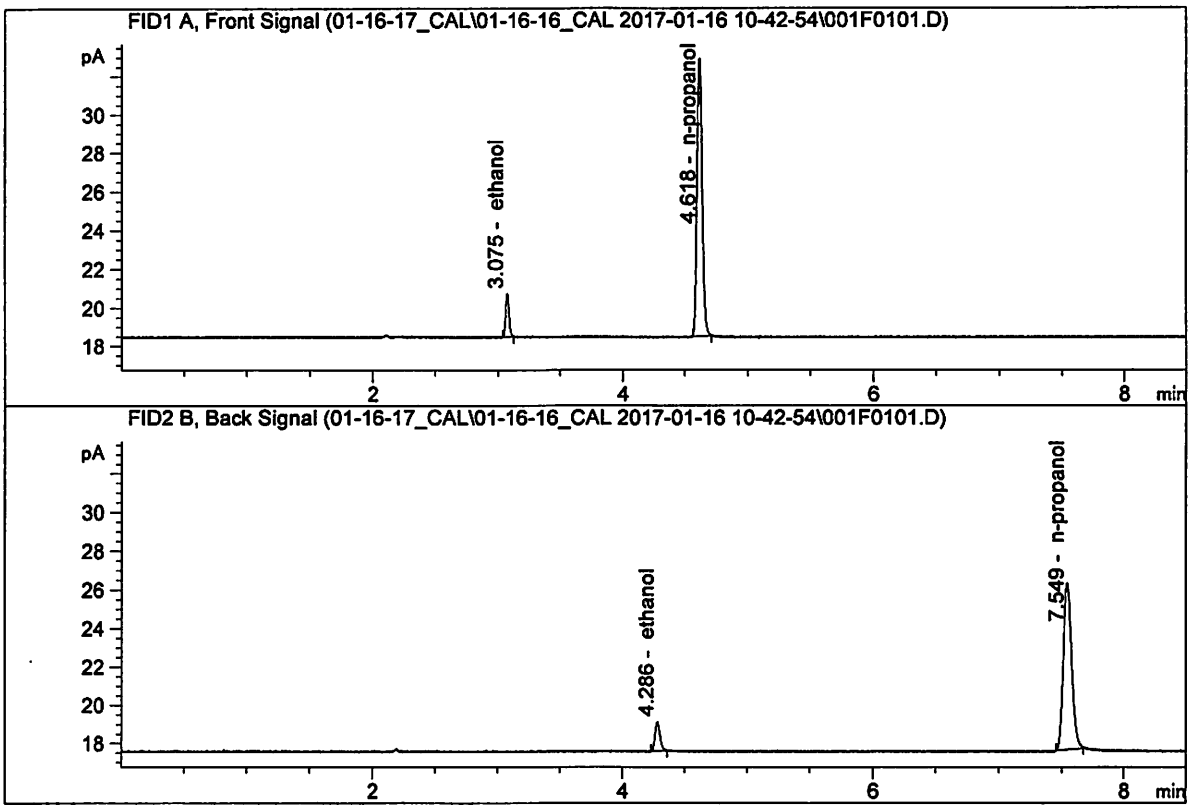
n-propanol at exp. RT: 7.549
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

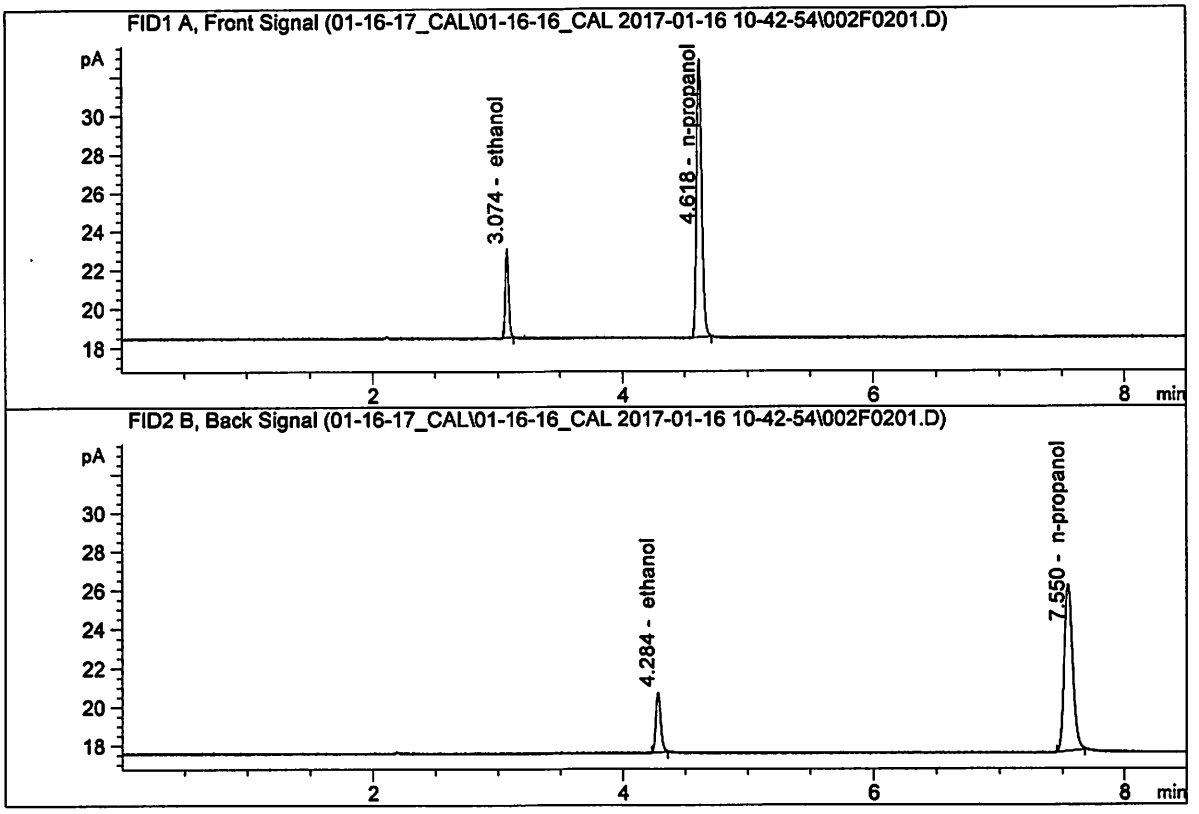


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.20851	0.0502	g/100cc
2.	Ethanol	Column 2:	4.15636	0.0525	g/100cc
3.	n-Propanol	Column 1:	41.11255	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.47831	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

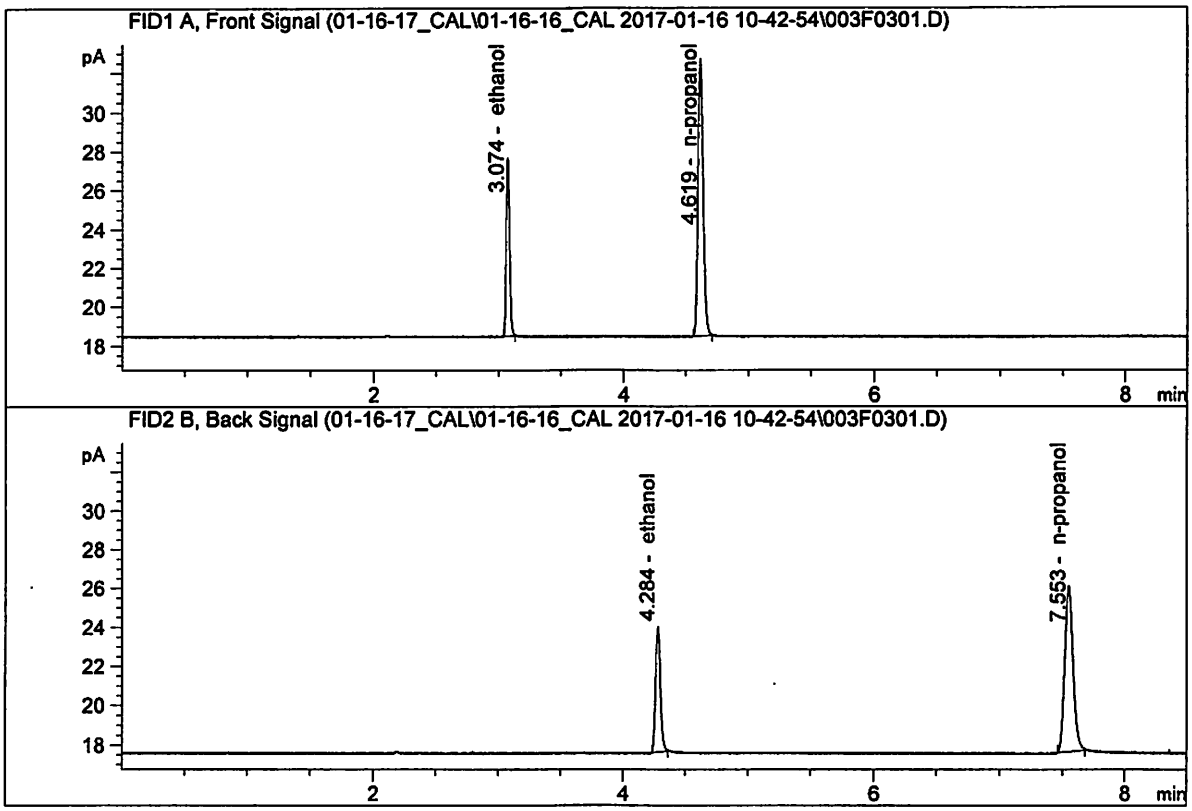


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.39419	0.0999	g/100cc
2.	Ethanol	Column 2:	8.36420	0.0999	g/100cc
3.	n-Propanol	Column 1:	40.87407	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.98298	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN032712-01
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

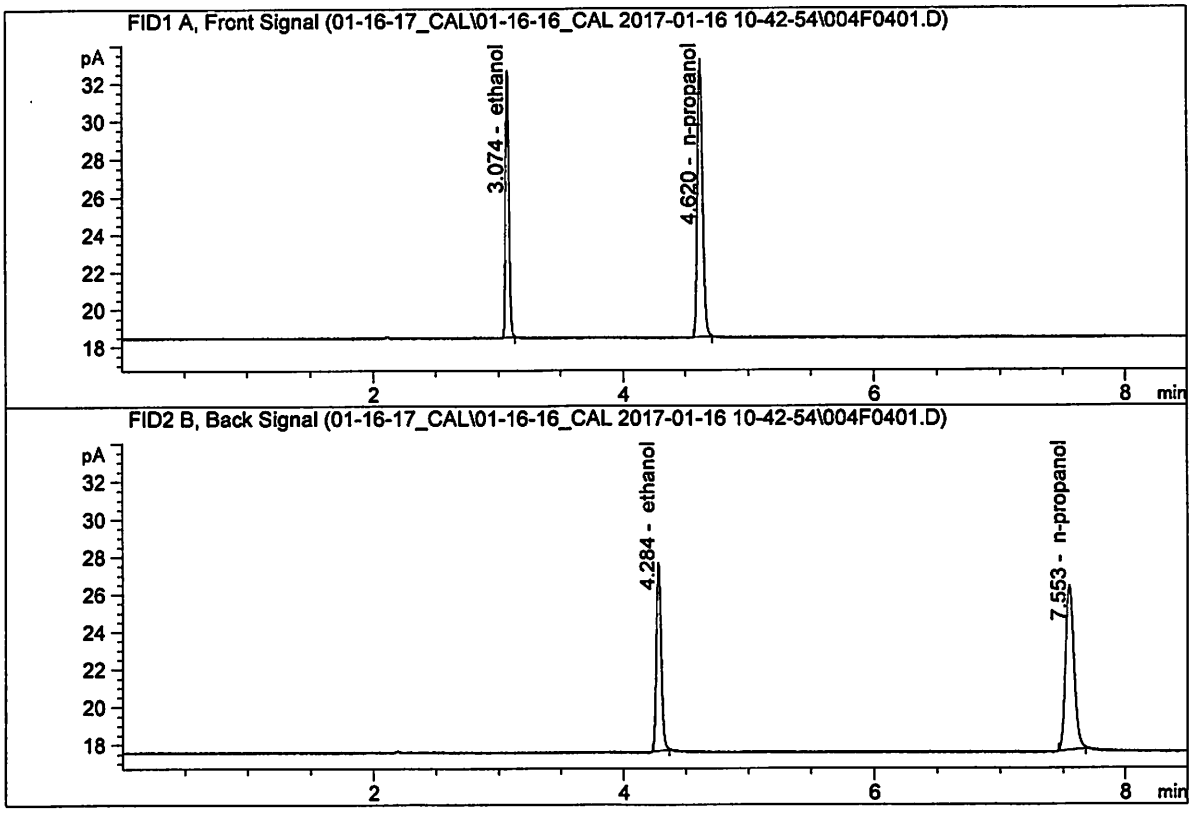


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.80243	0.2011	g/100cc
2.	Ethanol	Column 2:	16.98506	0.1986	g/100cc
3.	n-Propanol	Column 1:	40.46025	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.34707	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN06051501
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

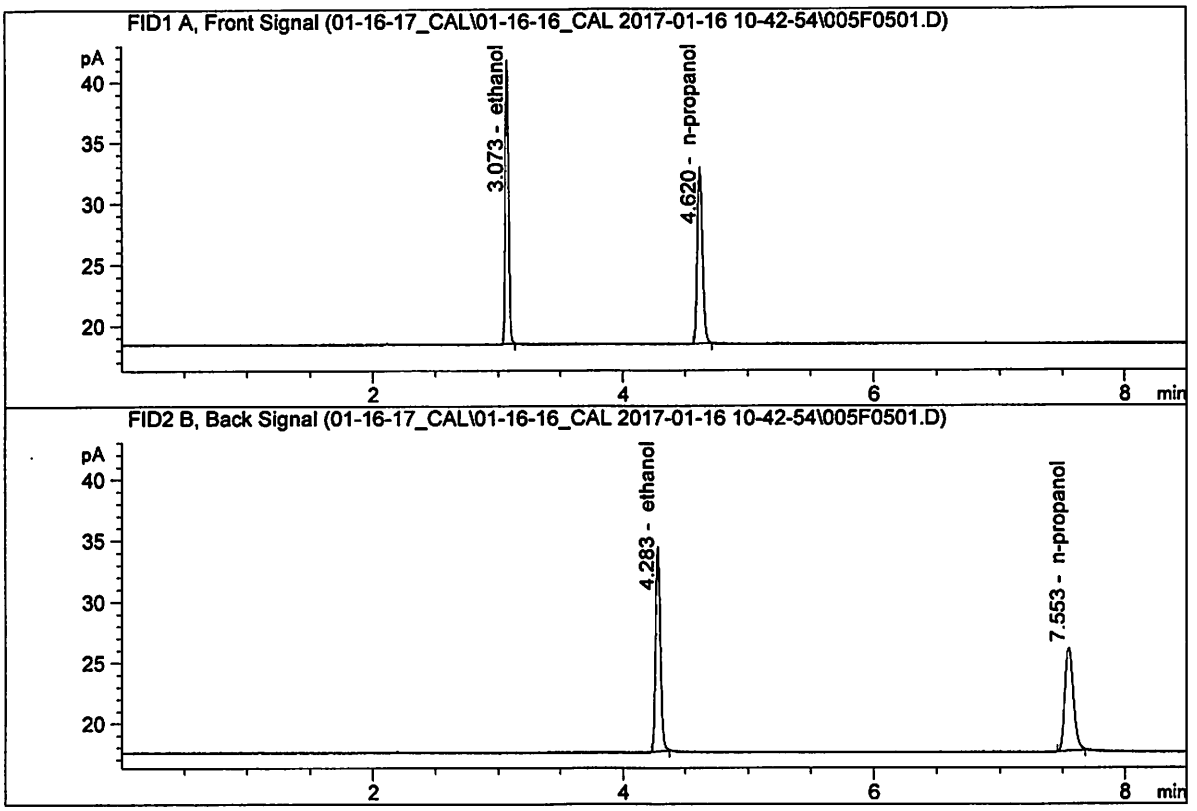


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	25.91469	0.2981	g/100cc
2.	Ethanol	Column 2:	26.61126	0.2966	g/100cc
3.	n-Propanol	Column 1:	42.04975	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.83976	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

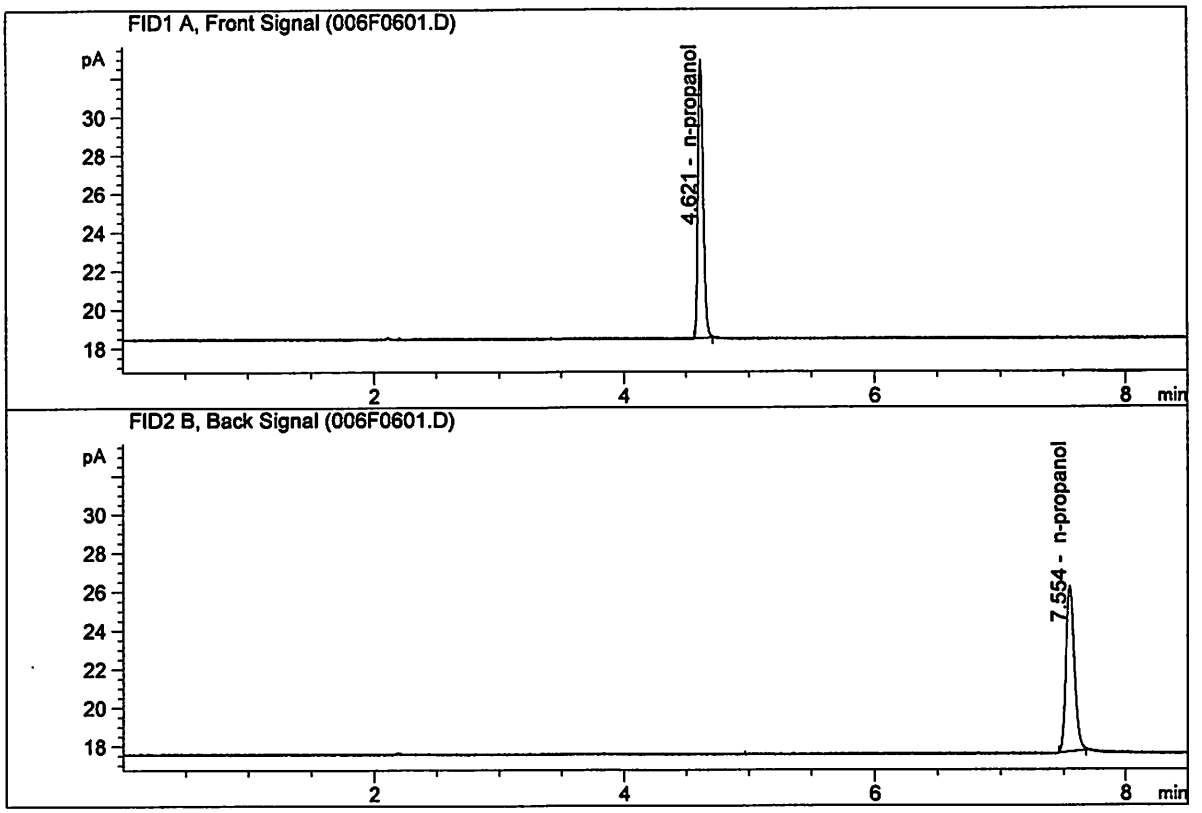


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	42.52475	0.5007	g/100cc
2.	Ethanol	Column 2:	44.31466	0.5024	g/100cc
3.	n-Propanol	Column 1:	41.02768	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.74162	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Jan 16, 2017
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:	41.12824	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.87711	1.0000	g/100cc

NB

Sequence File C:\Chem32\1\Data\01-16-17_CAL\01-16-16_CAL 2017-01-16 10-42-54\01-16-16_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\01-16-17_CAL\01-16-16_CAL 2017-01-16 10-42-54\01-16-16_CAL.S
Data directory path: C:\Chem32\1\Data\01-16-17_CAL\01-16-16_CAL 2017-01-16 10-42-54\
Logbook: C:\Chem32\1\Data\01-16-17_CAL\01-16-16_CAL 2017-01-16 10-42-54\01-16-16_CAL.LOG
Sequence start: 1/16/2017 10:57:31 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\01-16-17_CAL\01-16-16_CAL 2017-01-16 10-42-54\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	0.050 FN06231406	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN06181501	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN032712-0	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN06051501	-	1.0000	004F0401.D	*	4
5	5	1	0.500 FN07031402	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

calibration curve saved in alcohol master method

C:\Chem32\1\Methods\Alcohol.m

NB 1/16/17

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 16 Jan 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0758	0.0775	0.0017	0.0766	0.0764	
(g/100cc)	0.0757	0.0766	0.0009	0.0761		

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:
MD96BC1382/MD94AM10010

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.076	**0.072**	**0.080**	**0.004**

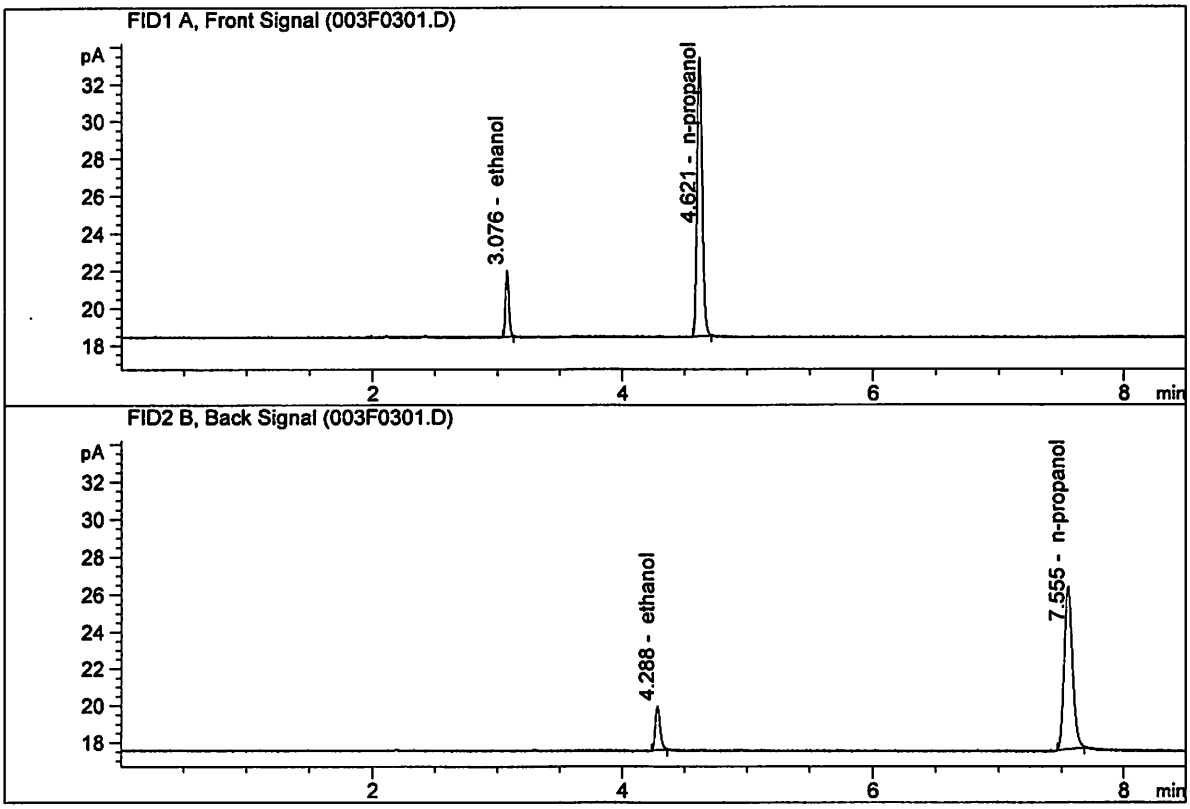
Reported Result

0.076

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

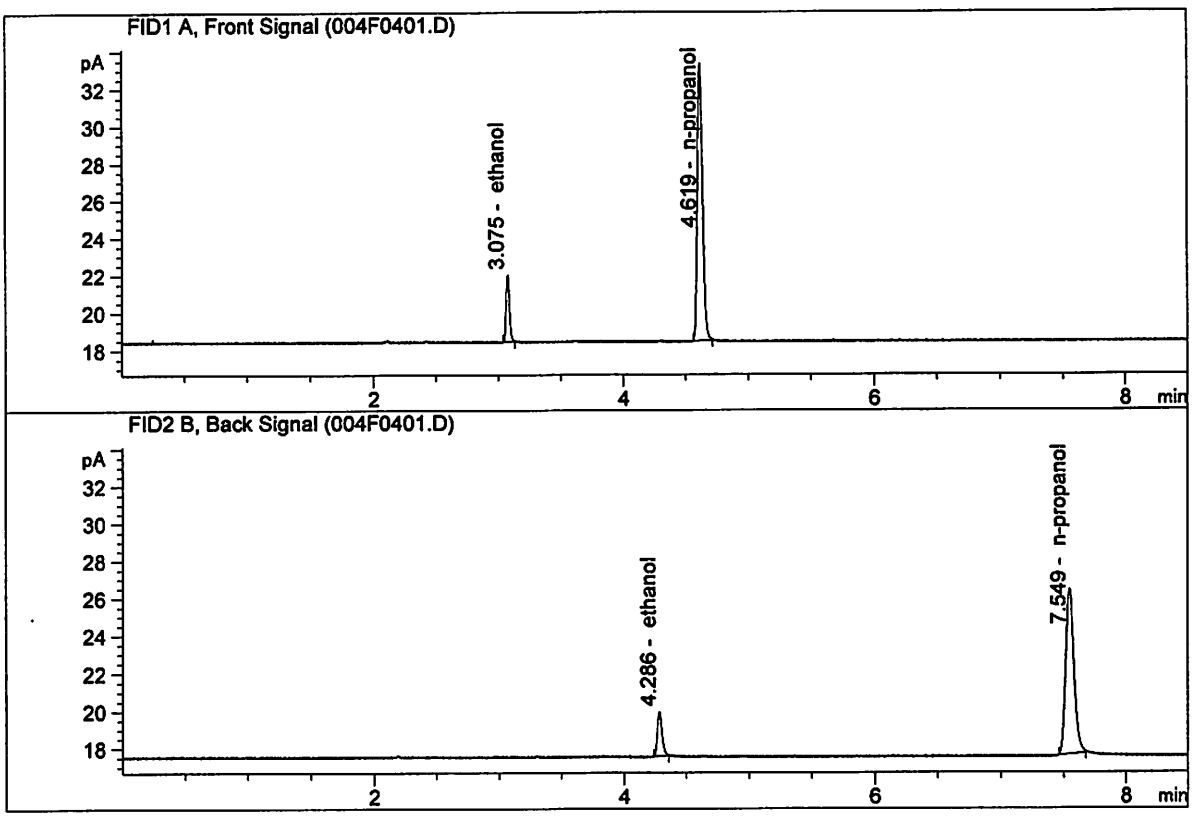


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.58801	0.0758	g/100cc
2.	Ethanol	Column 2:	6.51086	0.0775	g/100cc
3.	n-Propanol	Column 1:	42.36396	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.01368	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.56738	0.0757	g/100cc
2.	Ethanol	Column 2:	6.43098	0.0766	g/100cc
3.	n-Propanol	Column 1:	42.31401	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.99974	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 16 Jan 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0785	0.0803	0.0018	0.0794	0.0793	
(g/100cc)	0.0781	0.0803	0.0022	0.0792		

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:
MD96BC1382/MD94AM10010

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.079	**0.075**	**0.083**	**0.004**

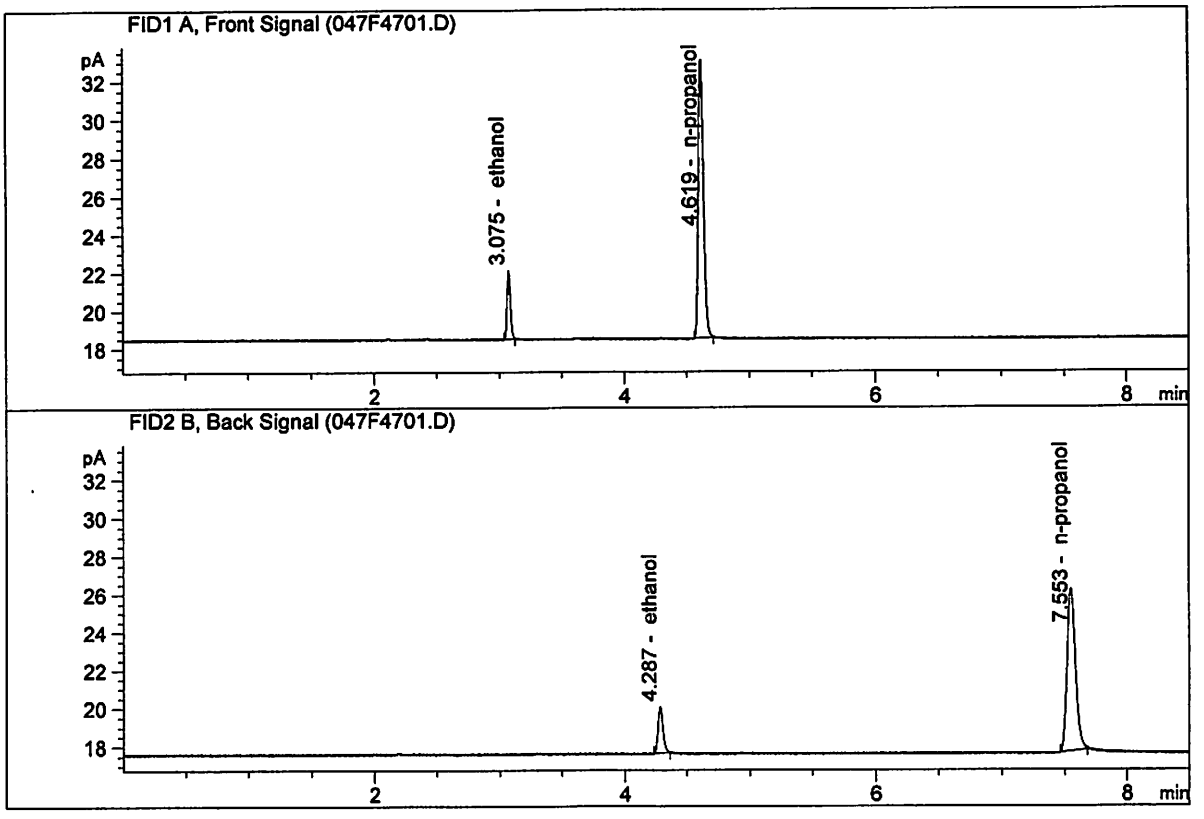
Reported Result

0.079

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

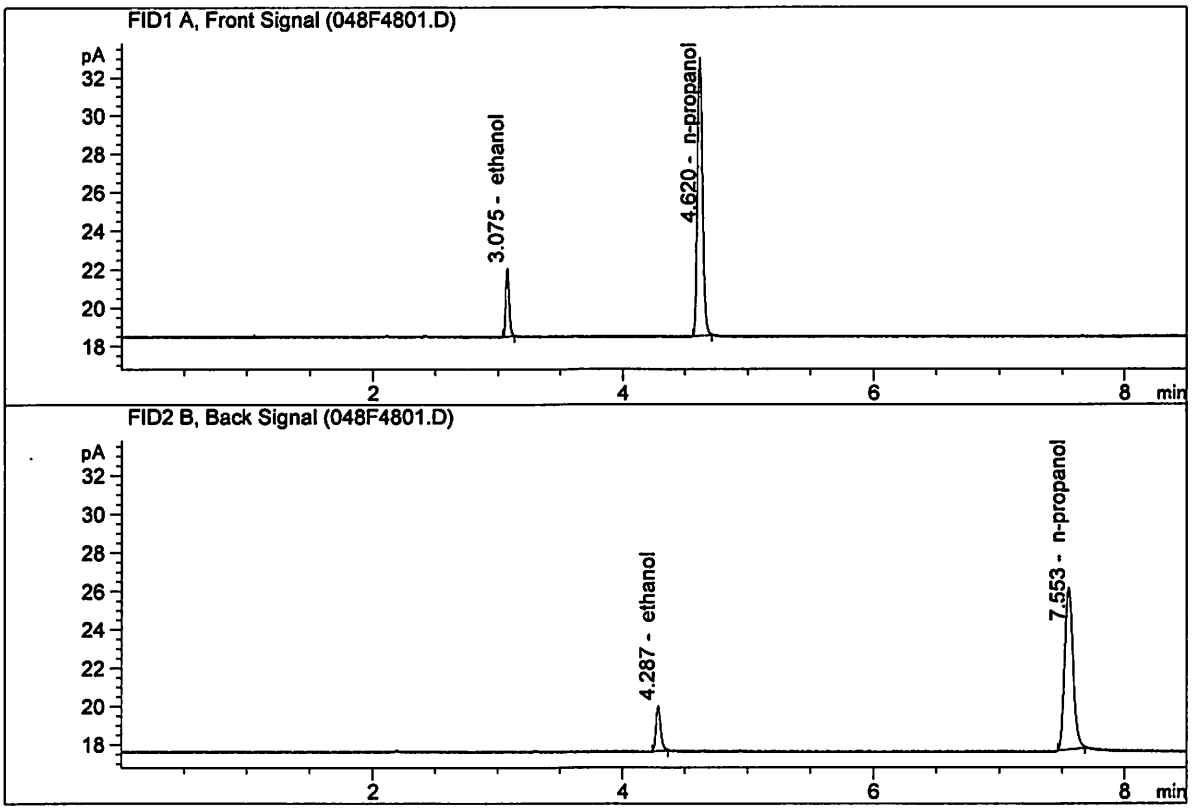


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.65871	0.0785	g/100cc
2.	Ethanol	Column 2:	6.53649	0.0803	g/100cc
3.	n-Propanol	Column 1:	41.35416	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.56122	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.59973	0.0781	g/100cc
2.	Ethanol	Column 2:	6.50192	0.0803	g/100cc
3.	n-Propanol	Column 1:	41.19573	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.35781	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 16 Jan 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2020	0.2018	0.0002	0.2019	0.2013	
(g/100cc)	0.2011	0.2005	0.0006	0.2008		

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:
MD96BC1382/MD94AM10010

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.201	**0.190**	**0.212**	**0.011**

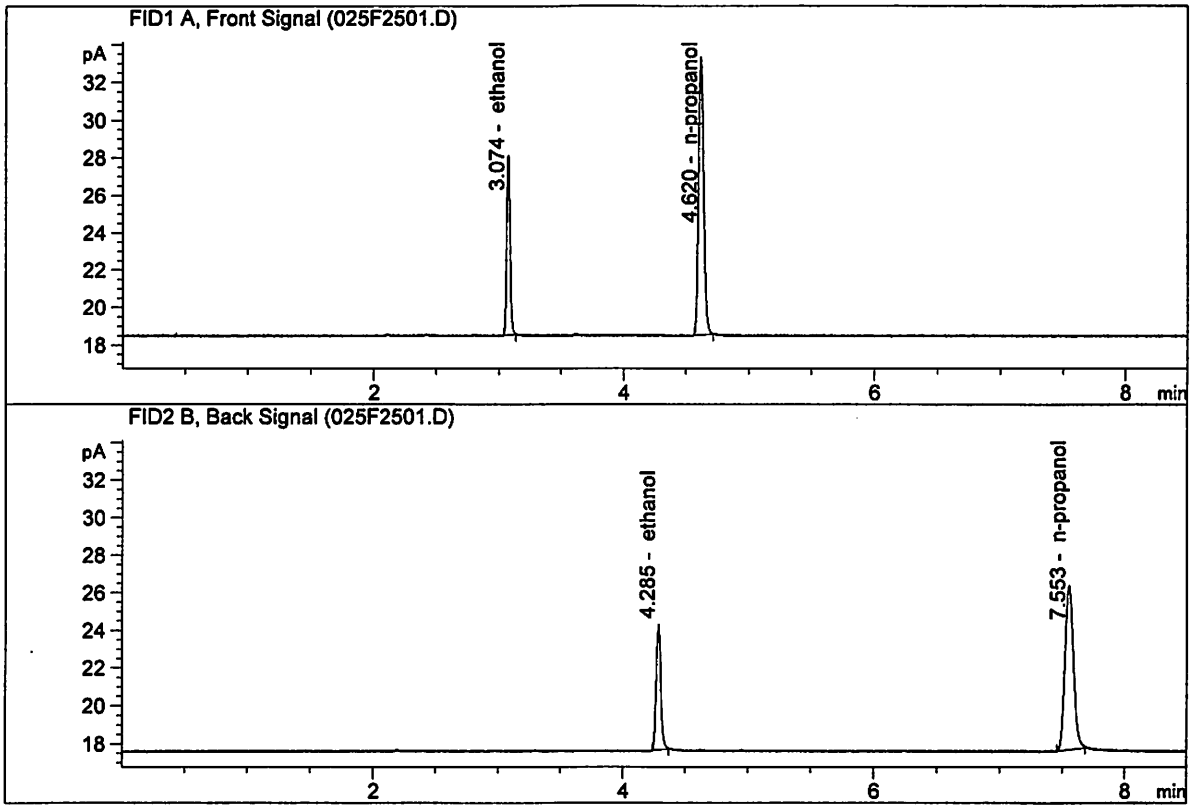
Reported Result

0.201

Calibration and control data are stored centrally. NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

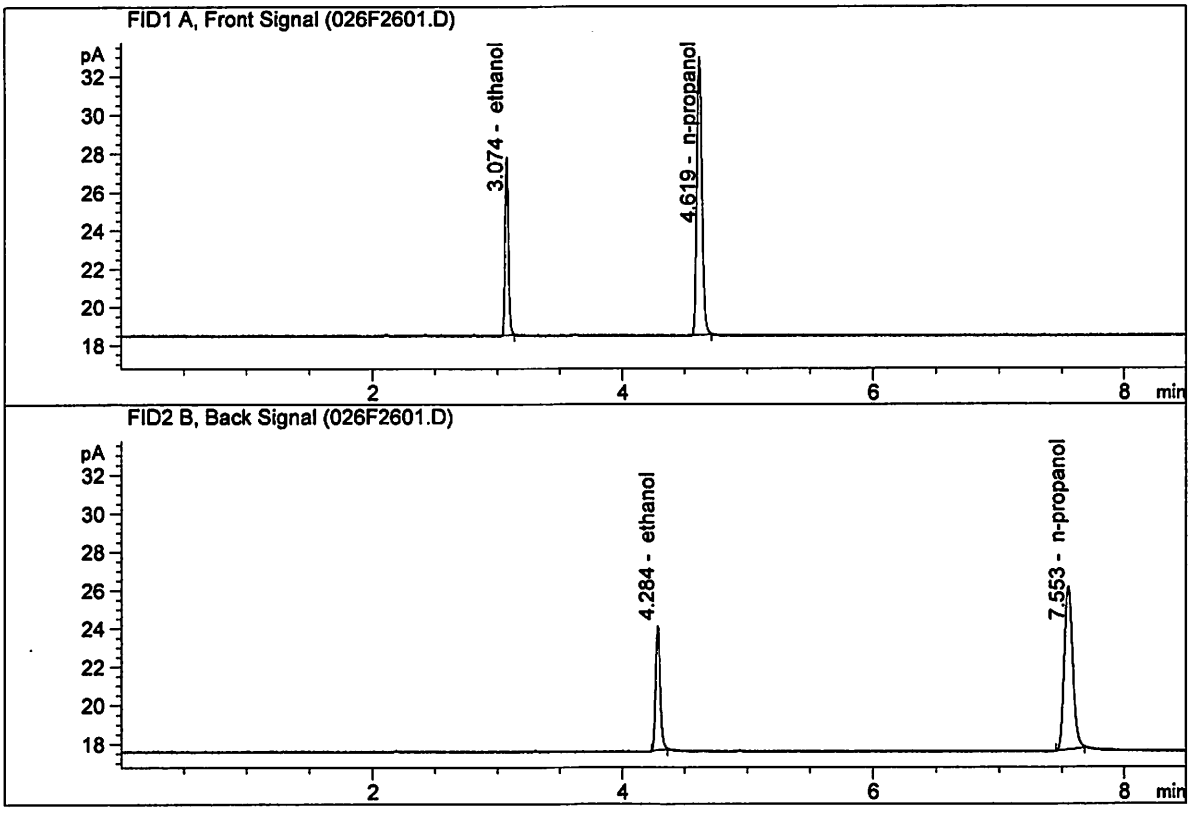


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.50082	0.2020	g/100cc
2.	Ethanol	Column 2:	17.72255	0.2018	g/100cc
3.	n-Propanol	Column 1:	41.96232	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.42426	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.08860	0.2011	g/100cc
2.	Ethanol	Column 2:	17.24809	0.2005	g/100cc
3.	n-Propanol	Column 1:	41.14690	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.58280	1.0000	g/100cc

MB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 16 Jan 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.2069	0.2070	0.0001	0.2069	0.2059
(g/100cc)	0.2046	0.2051	0.0005	0.2048	

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:
MD96BC1382/MD94AM10010

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.205	0.194	0.216	0.011

Reported Result

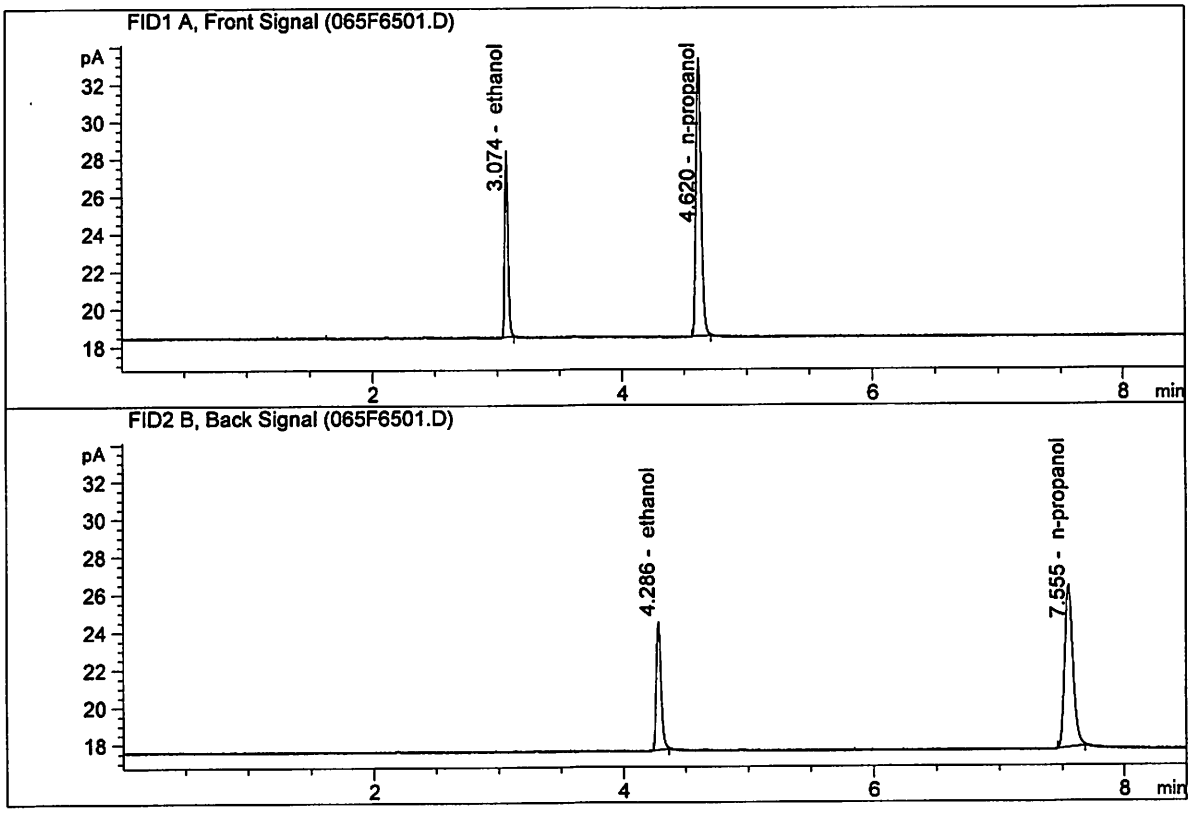
0.205

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

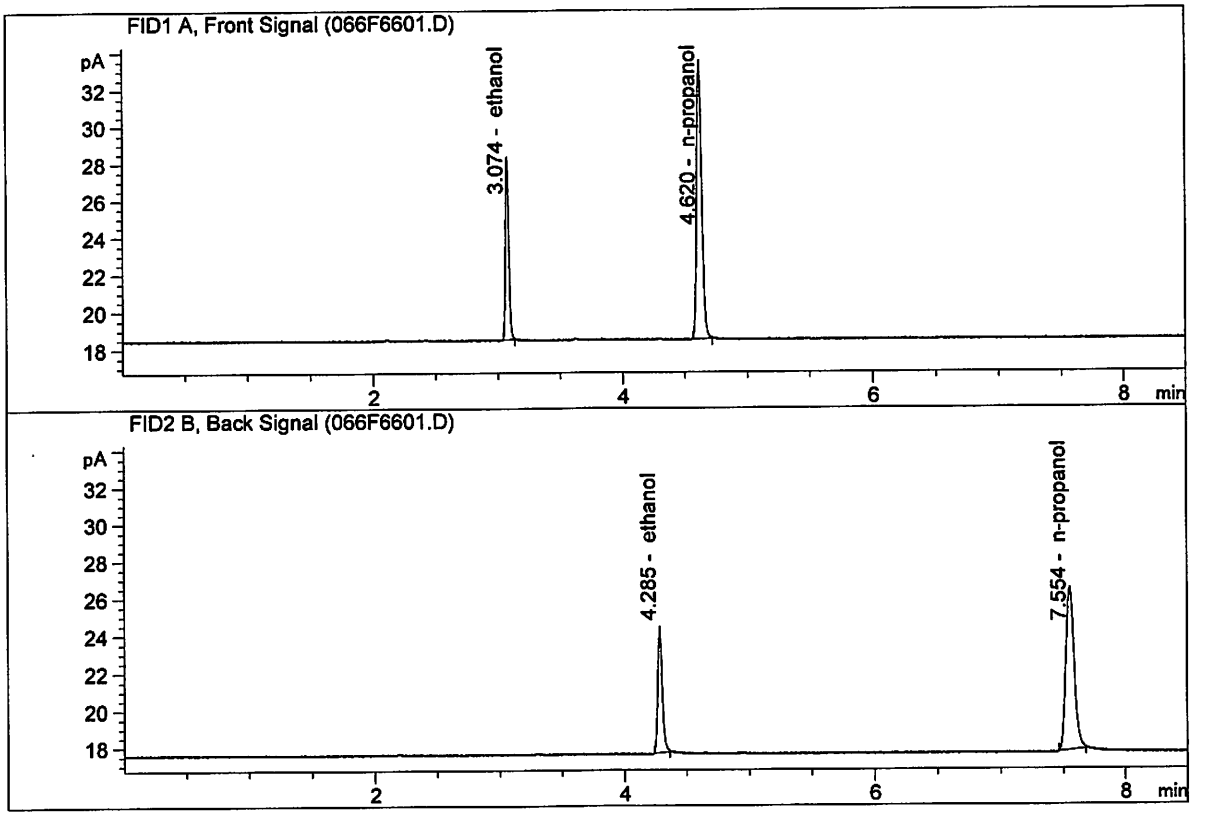


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.01020	0.2069	g/100cc
2.	Ethanol	Column 2:	18.17330	0.2070	g/100cc
3.	n-Propanol	Column 1:	42.14677	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.36207	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.93591	0.2046	g/100cc
2.	Ethanol	Column 2:	18.04385	0.2051	g/100cc
3.	n-Propanol	Column 1:	42.45264	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.47009	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 16 Jan 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0794	0.0811	0.0017	0.0802	0.0799	
(g/100cc)	0.0789	0.0805	0.0016	0.0797		

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:
MD96BC1382/MD94AM10010

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

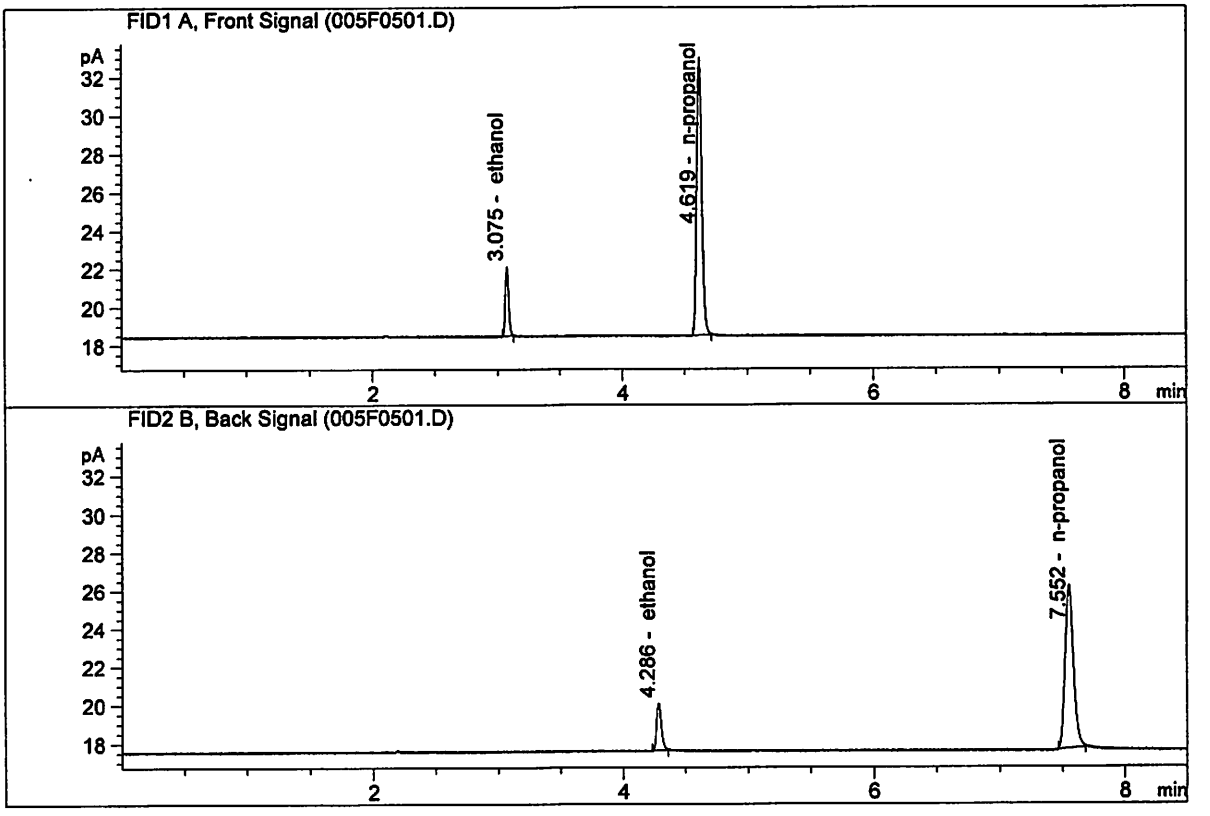
Overall Mean (g/100cc)	Low	High	5% of Mean
0.079	0.075	0.083	0.004

	Reported Result	
	0.079	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

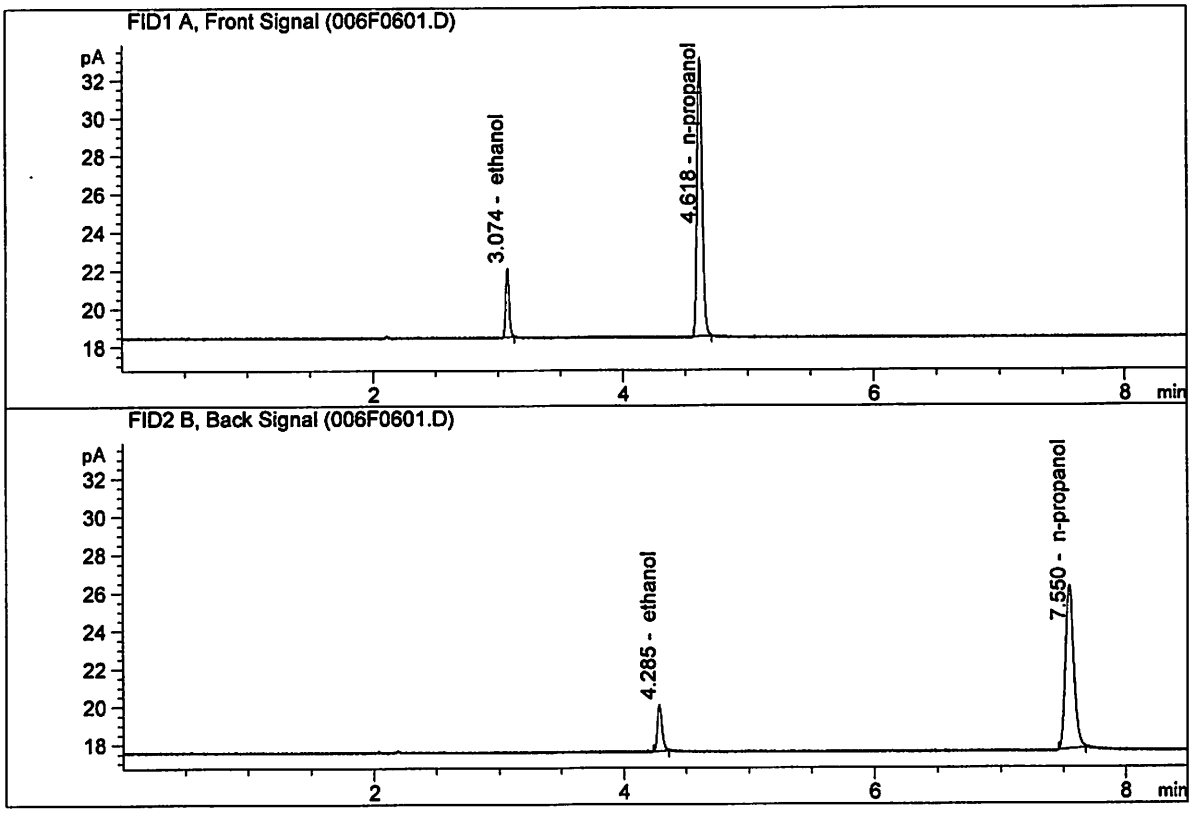


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.71071	0.0794	g/100cc
2.	Ethanol	Column 2:	6.64368	0.0811	g/100cc
3.	n-Propanol	Column 1:	41.19667	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.79454	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

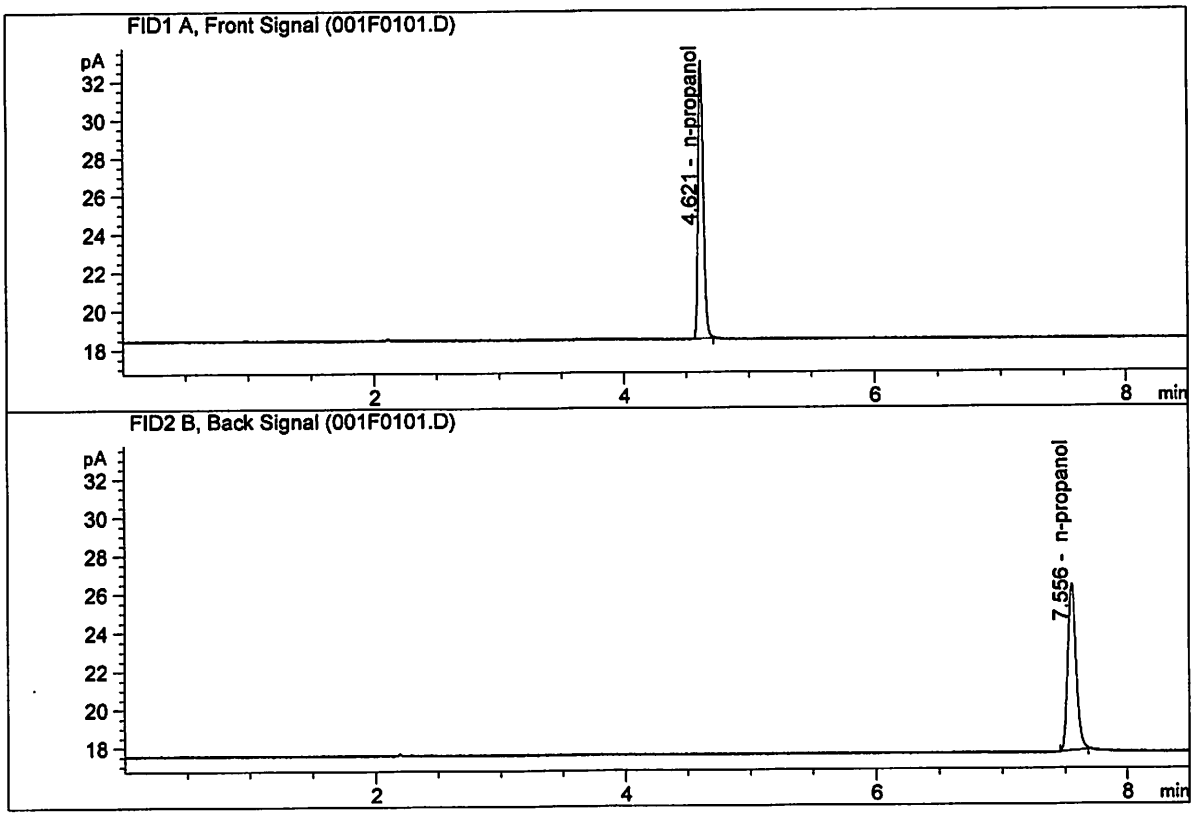


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.73192	0.0789	g/100cc
2.	Ethanol	Column 2:	6.65977	0.0805	g/100cc
3.	n-Propanol	Column 1:	41.59746	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.20613	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

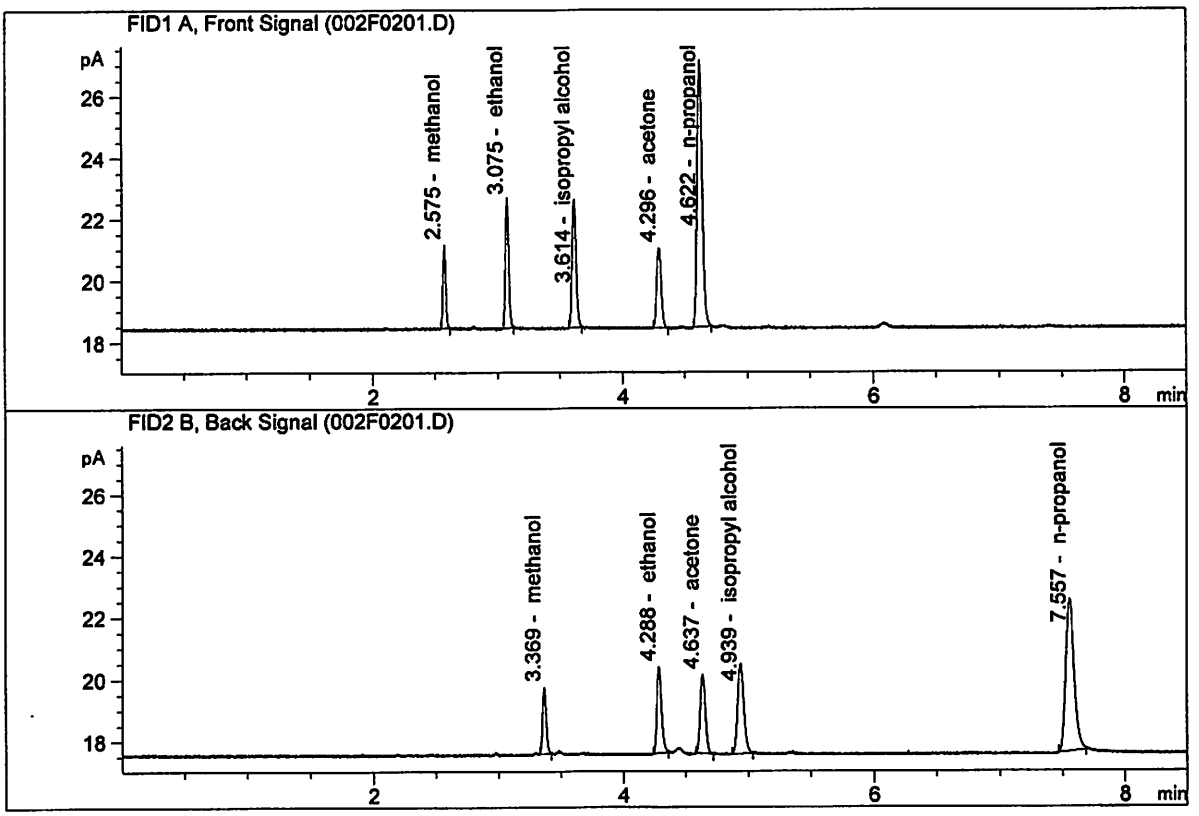


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.38799	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.53262	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

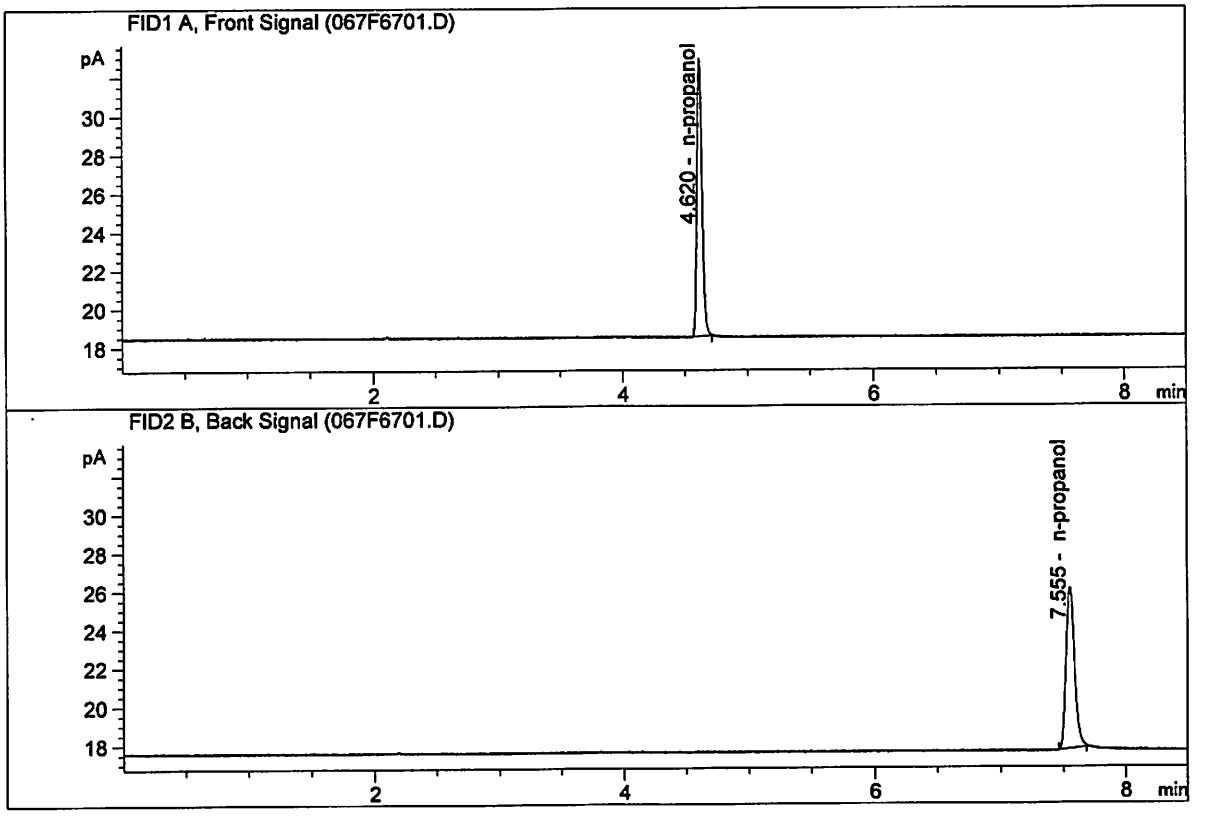
Sample Name : MIX VOL FN09231404
Laboratory : Meridian
Injection Date : Jan 16, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.57058	0.1501	g/100cc
2.	Ethanol	Column 2:	7.47485	0.1508	g/100cc
3.	n-Propanol	Column 1:	24.46703	1.0000	g/100cc
4.	n-Propanol	Column 2:	23.65232	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Jan 17, 2017
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:	40.83416	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.10526	1.0000	g/100cc

NB

Sequence File C:\Chem32\...7_SAMPLES\01-16-17_SAMPLES 2017-01-16 12-17-41\01-16-17_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\01-16-17_SAMPLES\01-16-17_SAMPLES 2017-01-16 12-17-41\01-16-17_SAMPLES.S
Data directory path: C:\Chem32\1\Data\01-16-17_SAMPLES\01-16-17_SAMPLES 2017-01-16 12-17-41\
Logbook: C:\Chem32\1\Data\01-16-17_SAMPLES\01-16-17_SAMPLES 2017-01-16 12-17-41\01-16-17_SAMPLES.LOG
Sequence start: 1/16/2017 12:32:30 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\01-16-17_SAMPLES\01-16-17_SAMPLES 2017-01-16 12-17-41\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 FN092314	-	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 FN10281510-	-	1.0000	005F0501.D		4
6	6	1	0.08 FN10281510-	-	1.0000	006F0601.D		4
7	7	1	C2017-0036-2-A	-	1.0000	007F0701.D		2
8	8	1	C2017-0036-2-B	-	1.0000	008F0801.D		2
9	9	1	M2016-5314-1-A	-	1.0000	009F0901.D		4
10	10	1	M2016-5314-1-B	-	1.0000	010F1001.D		4
11	11	1	M2016-5331-1-A	-	1.0000	011F1101.D		4
12	12	1	M2016-5331-1-B	-	1.0000	012F1201.D		4
13	13	1	M2016-5367-1-A	-	1.0000	013F1301.D		4
14	14	1	M2016-5367-1-B	-	1.0000	014F1401.D		4
15	15	1	M2016-5369-1-A	-	1.0000	015F1501.D		2
16	16	1	M2016-5369-1-B	-	1.0000	016F1601.D		2
17	17	1	M2017-0013-1-A	-	1.0000	017F1701.D		4
18	18	1	M2017-0013-1-B	-	1.0000	018F1801.D		4
19	19	1	M2017-0014-1-A	-	1.0000	019F1901.D		4
20	20	1	M2017-0014-1-B	-	1.0000	020F2001.D		4
21	21	1	M2017-0015-1-A	-	1.0000	021F2101.D		4
22	22	1	M2017-0015-1-B	-	1.0000	022F2201.D		4
23	23	1	M2017-0016-1-A	-	1.0000	023F2301.D		2
24	24	1	M2017-0016-1-B	-	1.0000	024F2401.D		2
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	M2017-0017-1-A	-	1.0000	027F2701.D		4
28	28	1	M2017-0017-1-B	-	1.0000	028F2801.D		4
29	29	1	M2017-0018-1-A	-	1.0000	029F2901.D		4
30	30	1	M2017-0018-1-B	-	1.0000	030F3001.D		4
31	31	1	M2017-0020-1-A	-	1.0000	031F3101.D		4
32	32	1	M2017-0020-1-B	-	1.0000	032F3201.D		4
33	33	1	M2017-0023-1-A	-	1.0000	033F3301.D		4
34	34	1	M2017-0023-1-B	-	1.0000	034F3401.D		4
35	35	1	M2017-0024-1-A	-	1.0000	035F3501.D		3
36	36	1	M2017-0024-1-B	-	1.0000	036F3601.D		3
37	37	1	M2017-0032-1-A	-	1.0000	037F3701.D		4
38	38	1	M2017-0032-1-B	-	1.0000	038F3801.D		4
39	39	1	M2017-0033-1-A	-	1.0000	039F3901.D		4
40	40	1	M2017-0033-1-B	-	1.0000	040F4001.D		4
41	41	1	M2017-0035-1-A	-	1.0000	041F4101.D		4
42	42	1	M2017-0035-1-B	-	1.0000	042F4201.D		4
43	43	1	M2017-0042-1-A	-	1.0000	043F4301.D		4

NB

Sequence File C:\Chem32\...7_SAMPLES\01-16-17_SAMPLES 2017-01-16 12-17-41\01-16-17_SAMPLES.S

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2017-0042-1-B	-	1.0000	044F4401.D	4
45	45	1	M2017-0043-1-A	-	1.0000	045F4501.D	4
46	46	1	M2017-0043-1-B	-	1.0000	046F4601.D	4
47	47	1	QC1-2-A	-	1.0000	047F4701.D	4
48	48	1	QC1-2-B	-	1.0000	048F4801.D	4
49	49	1	M2017-0046-1-A	-	1.0000	049F4901.D	4
50	50	1	M2017-0046-1-B	-	1.0000	050F5001.D	4
51	51	1	M2017-0050-1-A	-	1.0000	051F5101.D	4
52	52	1	M2017-0050-1-B	-	1.0000	052F5201.D	4
53	53	1	M2017-0056-1-A	-	1.0000	053F5301.D	4
54	54	1	M2017-0056-1-B	-	1.0000	054F5401.D	4
55	55	1	M2017-0057-1-A	-	1.0000	055F5501.D	4
56	56	1	M2017-0057-1-B	-	1.0000	056F5601.D	4
57	57	1	M2017-0065-1-A	-	1.0000	057F5701.D	4
58	58	1	M2017-0065-1-B	-	1.0000	058F5801.D	4
59	59	1	M2017-0066-1-A	-	1.0000	059F5901.D	2
60	60	1	M2017-0066-1-B	-	1.0000	060F6001.D	2
61	61	1	M2017-0114-1-A	-	1.0000	061F6101.D	4
62	62	1	M2017-0114-1-B	-	1.0000	062F6201.D	4
63	63	1	0.2 FN07201502 A	-	1.0000	063F6301.D	4
64	64	1	0.2 FN07201502 B	-	1.0000	064F6401.D	4
65	65	1	QC2-2-A	-	1.0000	065F6501.D	4
66	66	1	QC2-2-B	-	1.0000	066F6601.D	4
67	67	1	INTERNAL STD BLK	-	1.0000	067F6701.D	2

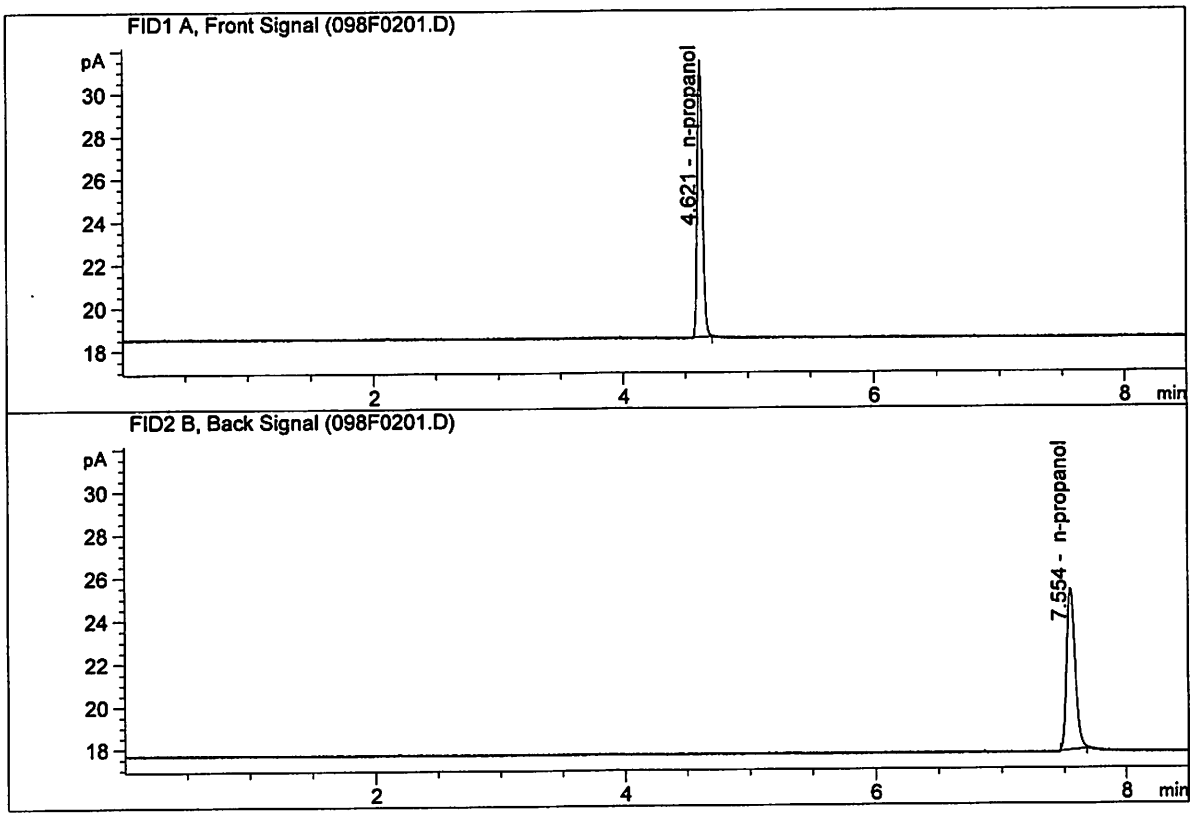
Method file name: C:\Chem32\1\Data\01-16-17_SAMPLES\01-16-17_SAMPLES 2017-01-16 12-17-41\SHUTDOWN.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
68	68	1	EMPTY	-	1.0000	068F6801.D	0

* not needed - already authenticated previously

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Jan 17, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

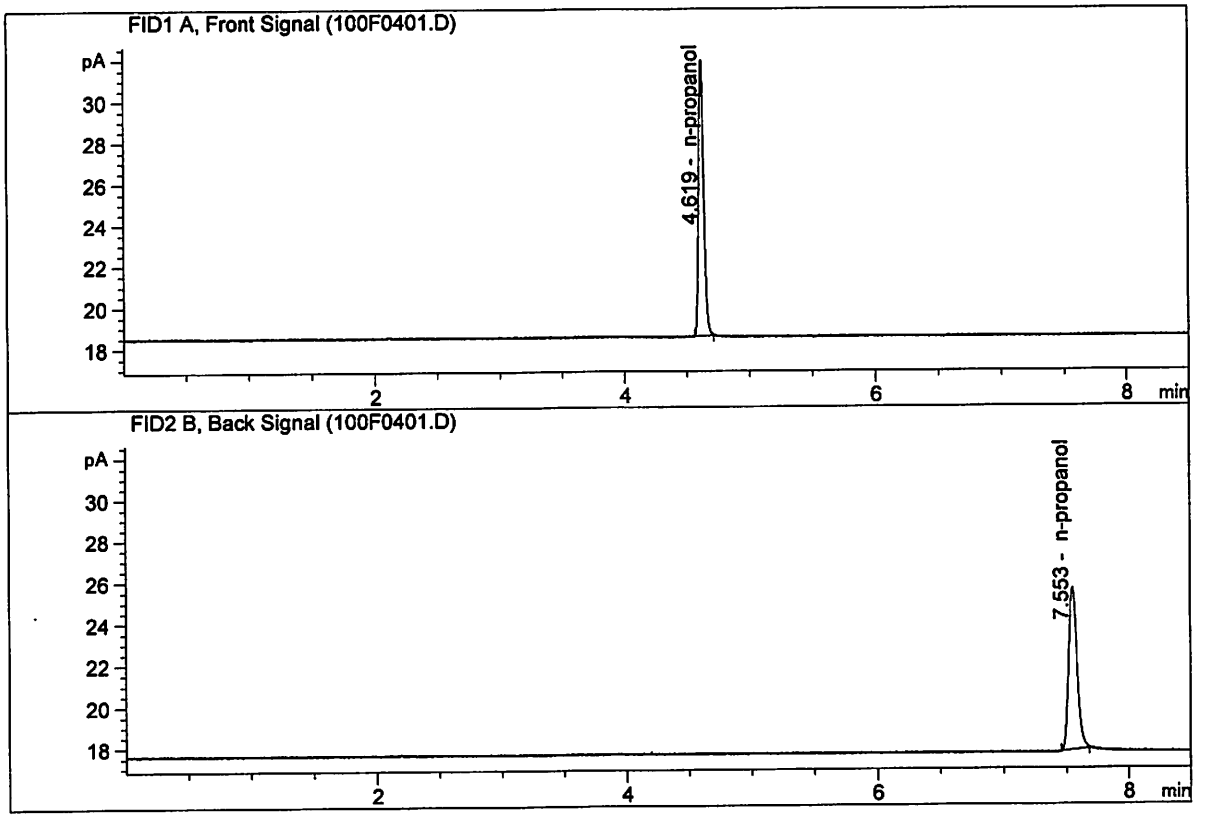


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	36.64089	1.0000	g/100cc
4.	n-Propanol	Column 2:	36.15748	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 2
Laboratory : Meridian
Injection Date : Jan 17, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

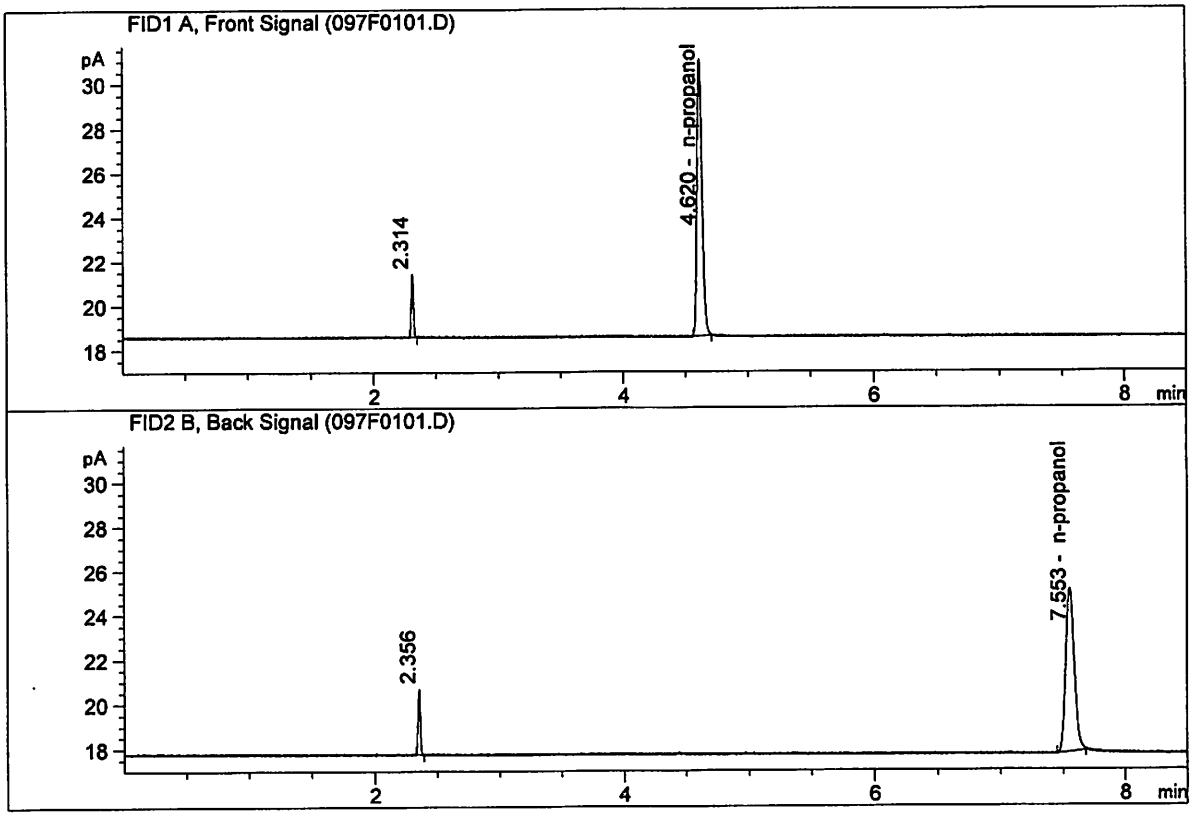


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	38.08576	1.0000	g/100cc
4.	n-Propanol	Column 2:	37.48796	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : DIFLUOROETHANE 111916OM
Laboratory : Meridian
Injection Date : Jan 17, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

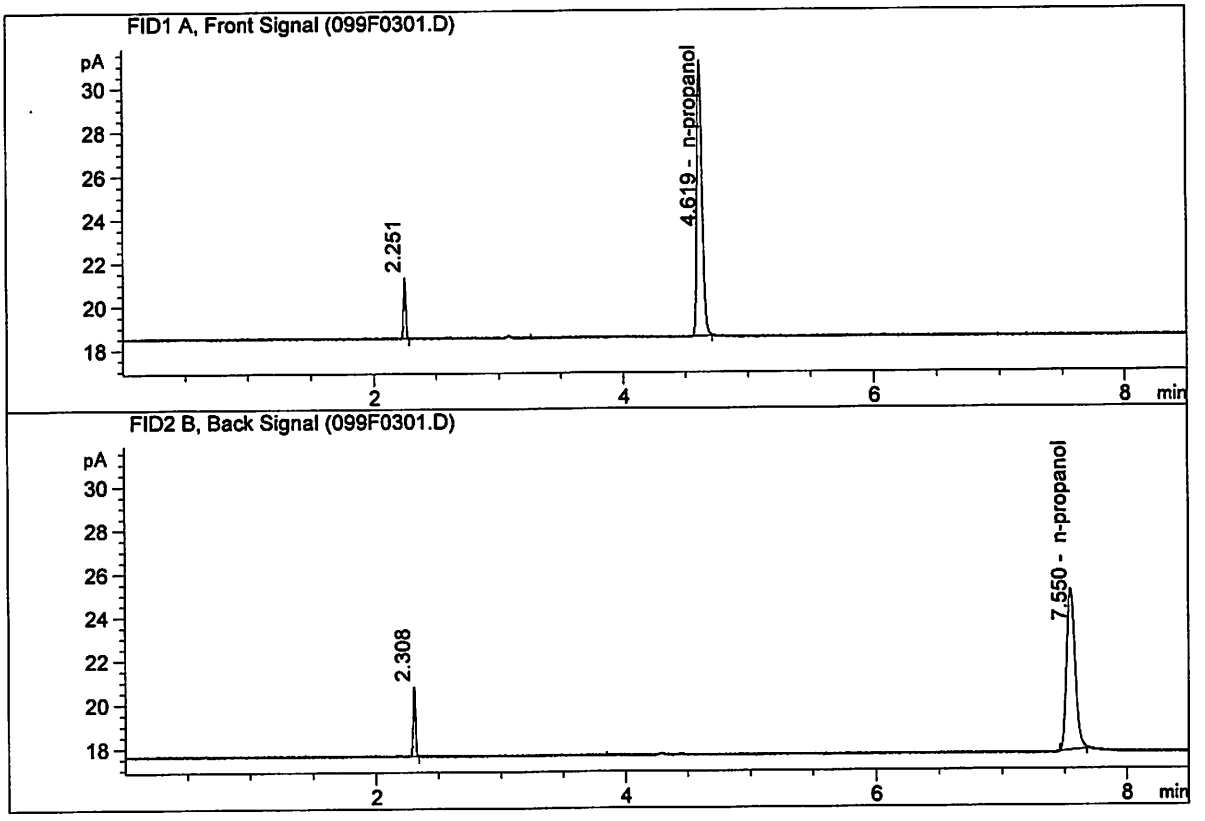


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	35.15155	1.0000	g/100cc
4.	n-Propanol	Column 2:	35.18749	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : TETRAFLUOROETHANE 111914
Laboratory : Meridian
Injection Date : Jan 17, 2017
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:	35.79996	1.0000	g/100cc
4.	n-Propanol	Column 2:	35.09101	1.0000	g/100cc

NB

Sample Summary

Sequence table: C:\Chem32\1\Data\01-17-17_STANDARDS\01-17-17_STANDARDS 2017-01-17 08-47-0
\01-17-17_STANDARDS.S
Data directory path: C:\Chem32\1\Data\01-17-17_STANDARDS\01-17-17_STANDARDS 2017-01-17 08-47-0
\
Logbook: C:\Chem32\1\Data\01-17-17_STANDARDS\01-17-17_STANDARDS 2017-01-17 08-47-0
\01-17-17_STANDARDS.LOG
Sequence start: 1/17/2017 9:01:38 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\01-17-17_STANDARDS\01-17-17_STANDARDS 2017-01-17 08-47-0
\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	97	1	DIFLUOROETHANE 1	-	1.0000	097F0101.D		2
2	98	1	INTERNAL STD BLK	-	1.0000	098F0201.D		2
3	99	1	TETRAFLUOROETHAN	-	1.0000	099F0301.D		2
4	100	1	INTERNAL STD BLK	-	1.0000	100F0401.D		2

Method file name: C:\Chem32\1\Data\01-17-17_STANDARDS\01-17-17_STANDARDS 2017-01-17 08-47-0
\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
5	101	1	EMPTY	-	1.0000	101F0501.D		0

NB