Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 503A Liquid Processor/Dilutor Serial Number: MD-96BC1382/MD94AM10010

Volatiles Quality Assurance Controls **Run Date(s): 3/09/2017-3/14/17**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702 - 0.0858	0.0774 g/100cc
					0.0787 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818 - 0.2222	0.1959 g/100cc
					g/100cc
Multi-Component Mixture		**Exp: Oct 2019**	**Lot #**	FN09231404	OK
Curve Fit:			**Column 1**	1.00000 **Column 2**	0.99997

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	0.0498	0.0518	0.002	0.0508
0.080			0.080	0.072 - 0.088			#REF!	#REF!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.0998	0.0990	0.0008	0.0994
0.200	Mar-17	FN032712-01	0.200	0.180 - 0.220	0.2001	0.1990	0.0011	0.1995
0.300	Jun-20	FN06051501	0.300	0.270 - 0.330	0.3006	0.2995	0.0011	0.3000
0.400			0.400	0.360 - 0.440			#REF!	#REF!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.4997	0.5008	0.0011	0.5002

Aqueous Controls					
Control level	**Expiration**	**Cerilliant Lot #**	**Target Value**	**Acceptable Range**	**Overall Results**
0.080	Nov-20	FN10281510	0.0800	0.076 - 0.084	0.080 g/100cc

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

JG

3/16/2017

Worklist: 1610

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-0901	1	78044	Alcohol Analysis
M2017-0902	1	78052	Alcohol Analysis
M2017-0903	1	78054	Alcohol Analysis
M2017-0908	1	78169	Alcohol Analysis
M2017-0909	1	78170	Alcohol Analysis
M2017-0919	1	78263	Alcohol Analysis
M2017-0922	1	78295	Alcohol Analysis
M2017-0951	1	78384	Alcohol Analysis
M2017-0975	1	78479	Alcohol Analysis
M2017-0976	1	78506	Alcohol Analysis
M2017-0977	1	78507	Alcohol Analysis
M2017-0978	1	78508	Alcohol Analysis
M2017-0979	1	78512	Alcohol Analysis
M2017-0995	1	78568	Alcohol Analysis
M2017-0996	1	78569	Alcohol Analysis
M2017-1011	1	78619	Alcohol Analysis
M2017-1034	1	78734	Alcohol Analysis
M2017-1036	1	78737	Alcohol Analysis
M2017-1037	1	78738	Alcohol Analysis

Calibration Table

General Calibration Setting

Calib. Data Modified : Thursday, March 09, 2017 4:36:09 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

JG

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
3.072	1	1	5.00000e-2	4.41987	1.13125e-2	No	No	1	ethanol
		2	1.00000e-1	8.94139	1.11839e-2				
		3	2.00000e-1	17.75849	1.12622e-2				
		4	3.00000e-1	27.15870	1.10462e-2				
		5	5.00000e-1	45.49744	1.09896e-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
4.282	2	1	5.00000e-2	4.43814	1.12660e-2	No	No	2	ethanol
		2	1.00000e-1	8.95256	1.11700e-2				
		3	2.00000e-1	18.18983	1.09952e-2				
		4	3.00000e-1	28.05475	1.06934e-2				
		5	5.00000e-1	47.48374	1.05299e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.619	1	1	1.00000	42.65714	2.34427e-2	No	Yes	1	n-propanol
		2	1.00000	42.93077	2.32933e-2				
		3	1.00000	42.48650	2.35369e-2				
		4	1.00000	43.22924	2.31325e-2				
		5	1.00000	43.55241	2.29608e-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
7.553	2	1	1.00000	43.27932	2.31057e-2	No	Yes	2	n-propanol
		2	1.00000	43.41336	2.30344e-2				
		3	1.00000	42.67287	2.34341e-2				
		4	1.00000	43.33538	2.30758e-2				
		5	1.00000	43.55071	2.29617e-2				

Peak Sum Table

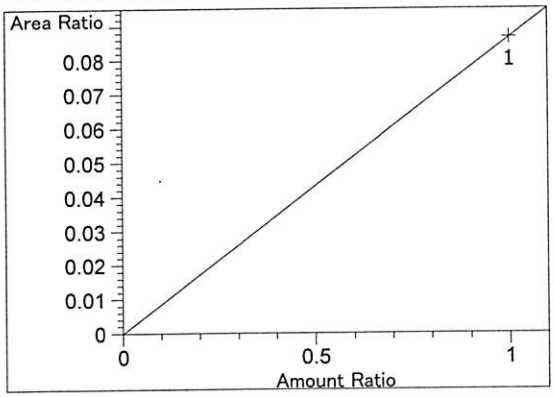
No Entries in table

17 Warnings or Errors (10 first messages follow) :

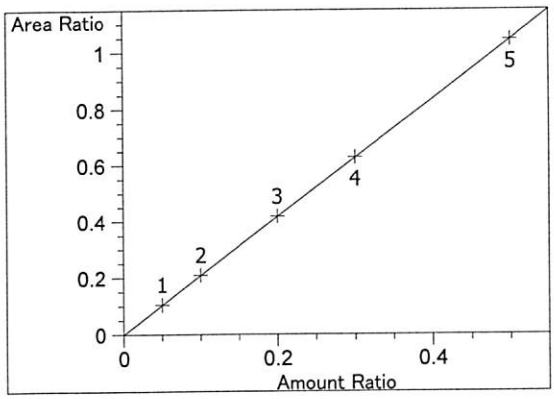
Warning : Curve requires more calibration points., (methanol)
Warning : Curve requires more calibration points. at 2.586 min, signal 1
Warning : Curve requires more calibration points. at 3.388 min, signal 2
Warning : Curve requires more calibration points. at 3.628 min, signal 1
Warning : Curve requires more calibration points. at 4.308 min, signal 1
Warning : Curve requires more calibration points. at 4.619 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 7.553 min, signal 2
Warning : Curve requires more calibration points. at 2.586 min, signal 1

JL

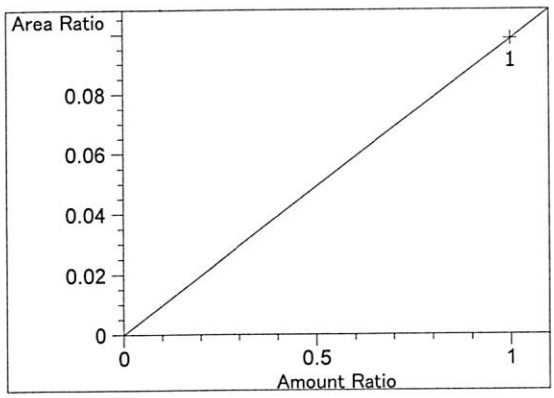
Calibration Curves



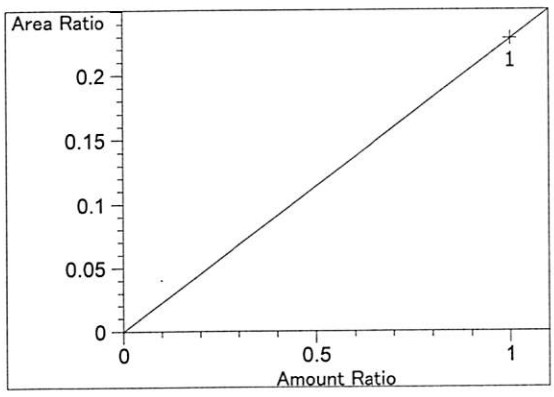
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.66606e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 3.072
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00089
Formula: y = mx + b
m: 2.09195
b: -5.93793e-4
x: Amount Ratio
y: Area Ratio

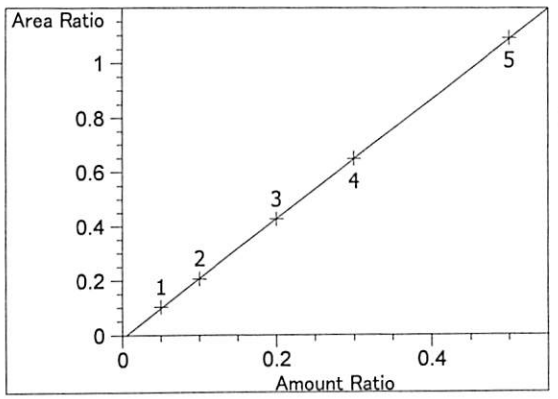


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.84448e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

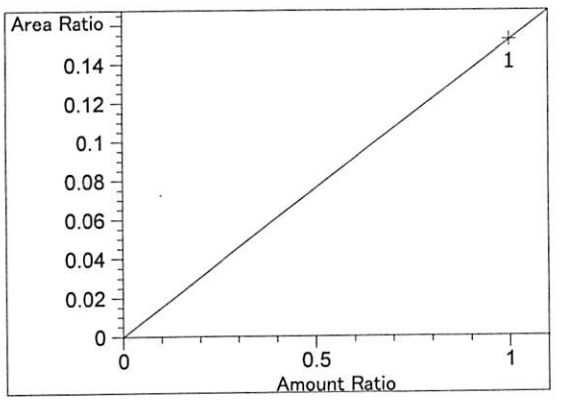


isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.28111e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

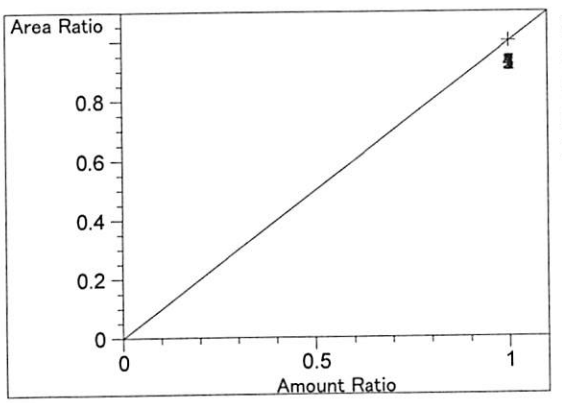
JC



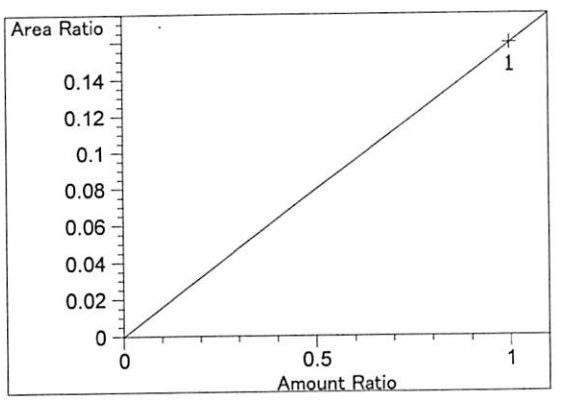
ethanol at exp. RT: 4.282
FID2 B, Back Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00322
Formula: y = mx + b
m: 2.20036
b: -1.15387e-2
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.52364e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

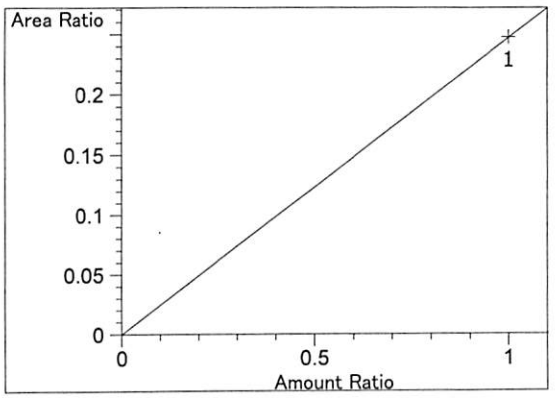


n-propanol at exp. RT: 4.619
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

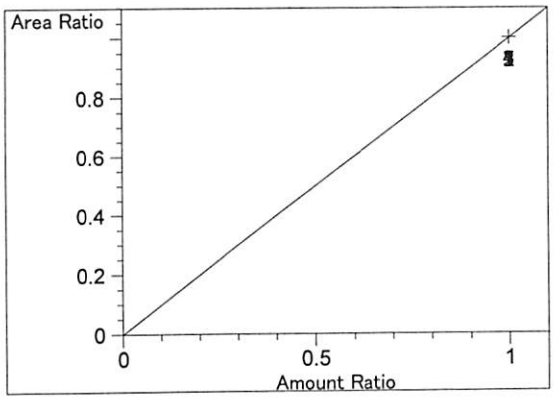


acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.59268e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

JG



isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.47379e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



n-propanol at exp. RT: 7.553
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

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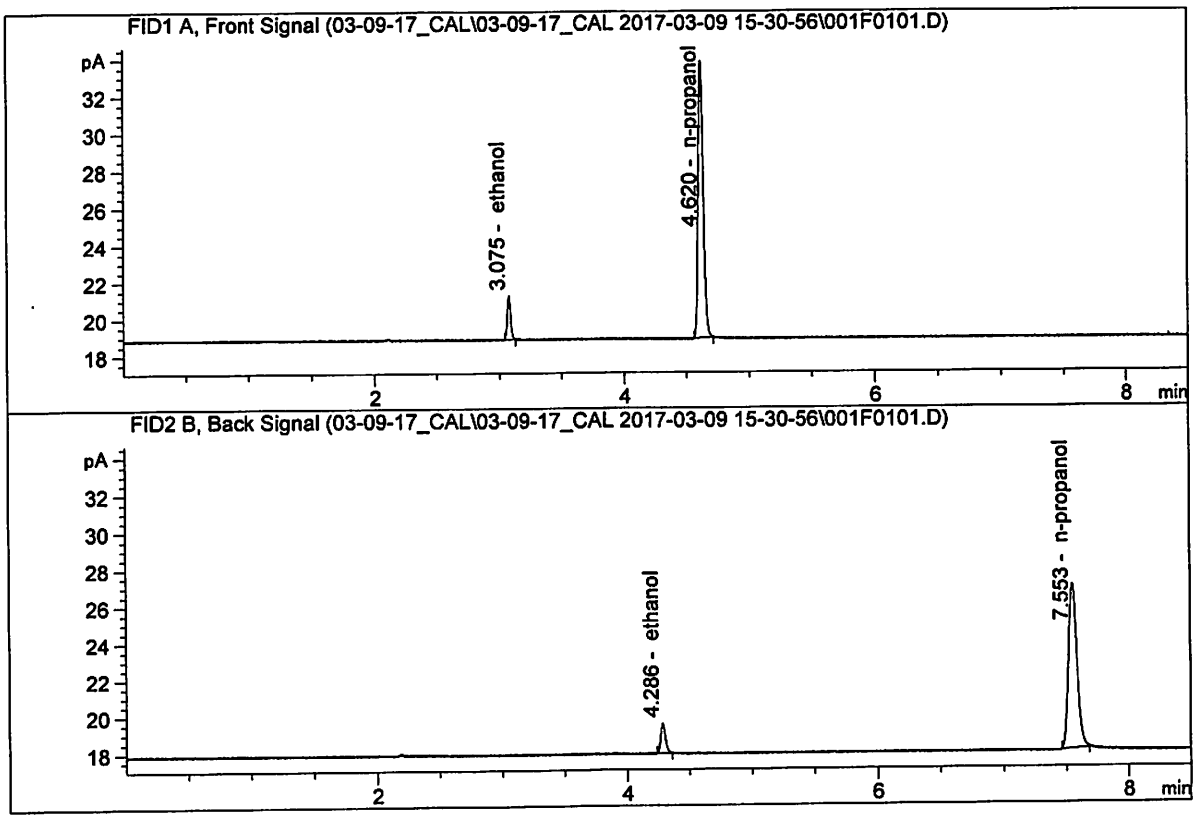
JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Mar 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

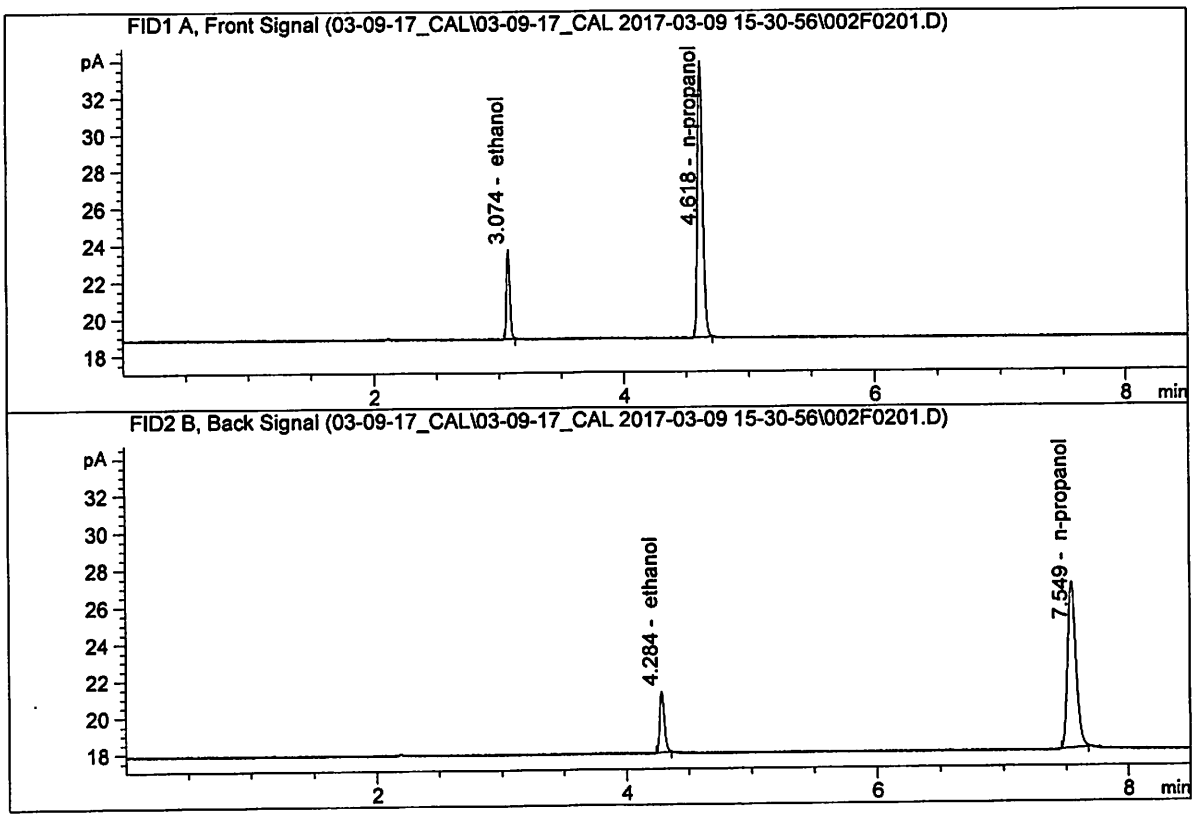


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.41987	0.0498	g/100cc
2.	Ethanol	Column 2:	4.43814	0.0518	g/100cc
3.	n-Propanol	Column 1:	42.65714	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.27932	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : Mar 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

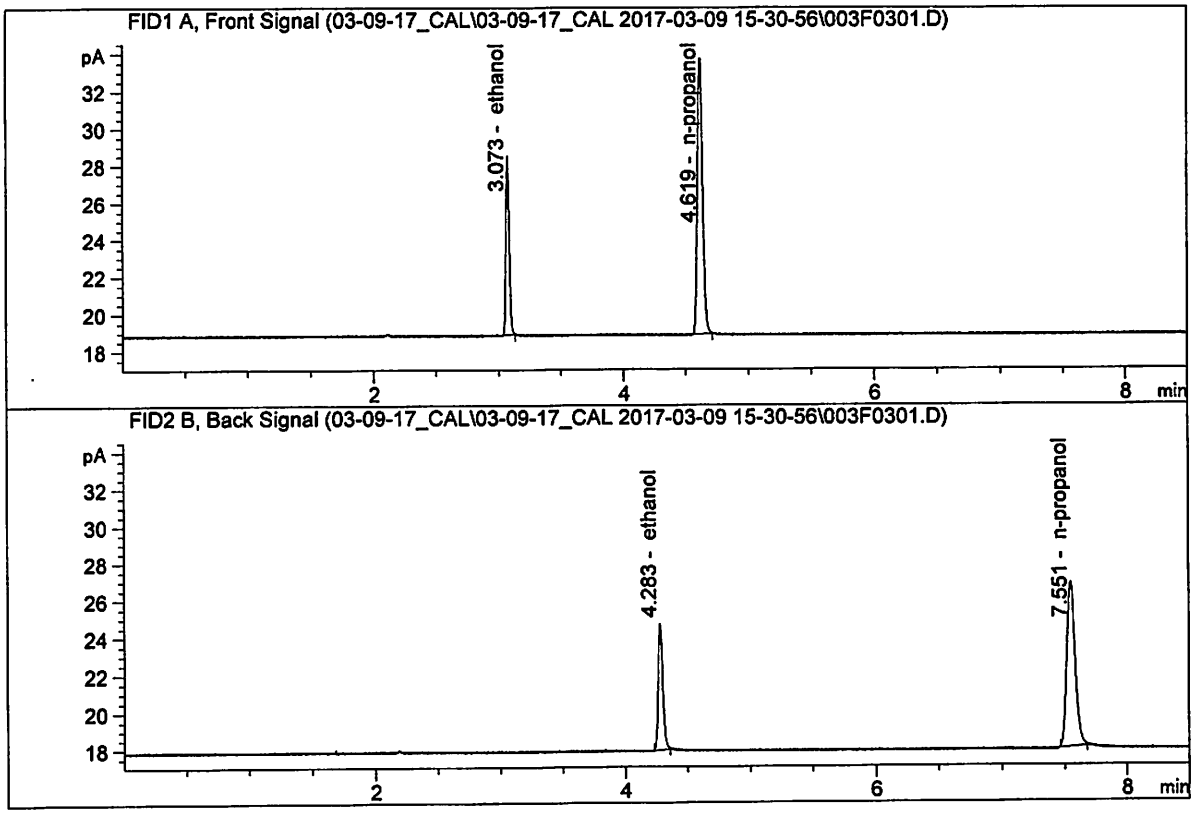


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.94139	0.0998	g/100cc
2.	Ethanol	Column 2:	8.95256	0.0990	g/100cc
3.	n-Propanol	Column 1:	42.93077	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.41336	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN032712-01
Laboratory : Meridian
Injection Date : Mar 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

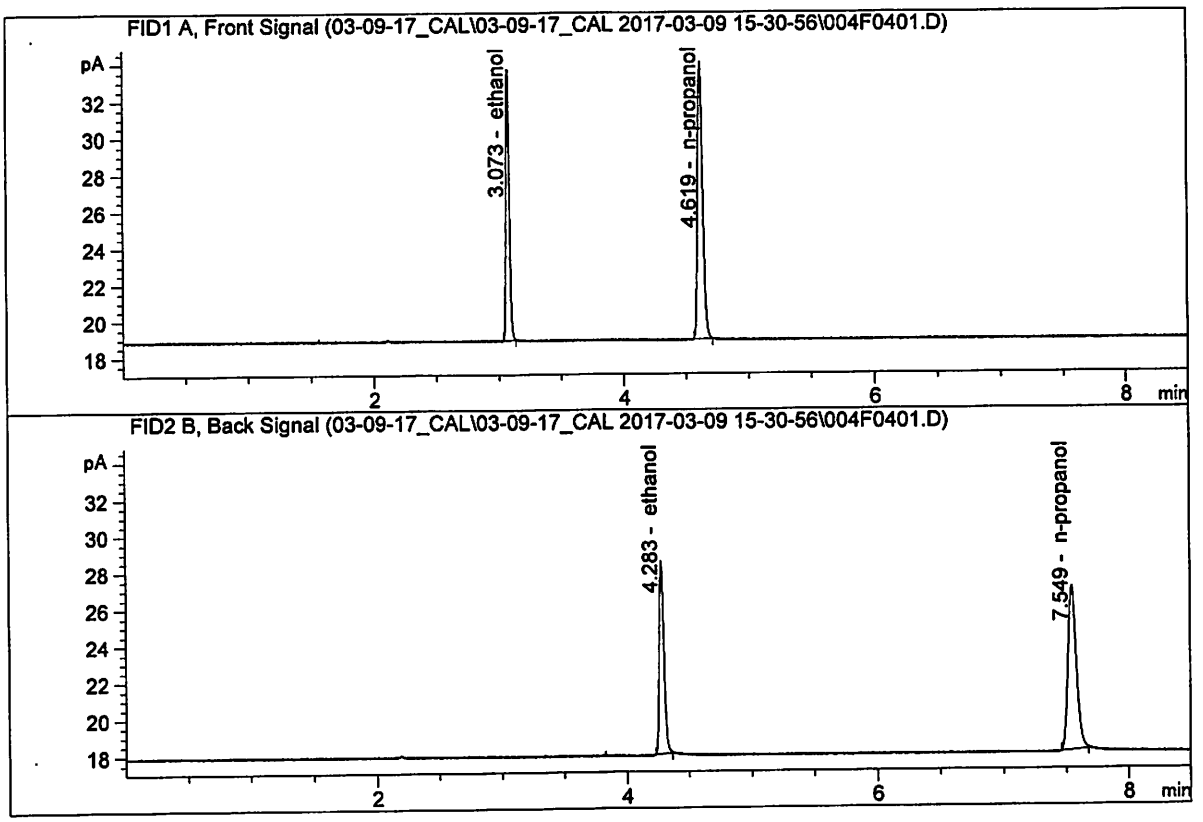


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.75849	0.2001	g/100cc
2.	Ethanol	Column 2:	18.18983	0.1990	g/100cc
3.	n-Propanol	Column 1:	42.48650	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.67287	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN06051501
Laboratory : Meridian
Injection Date : Mar 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

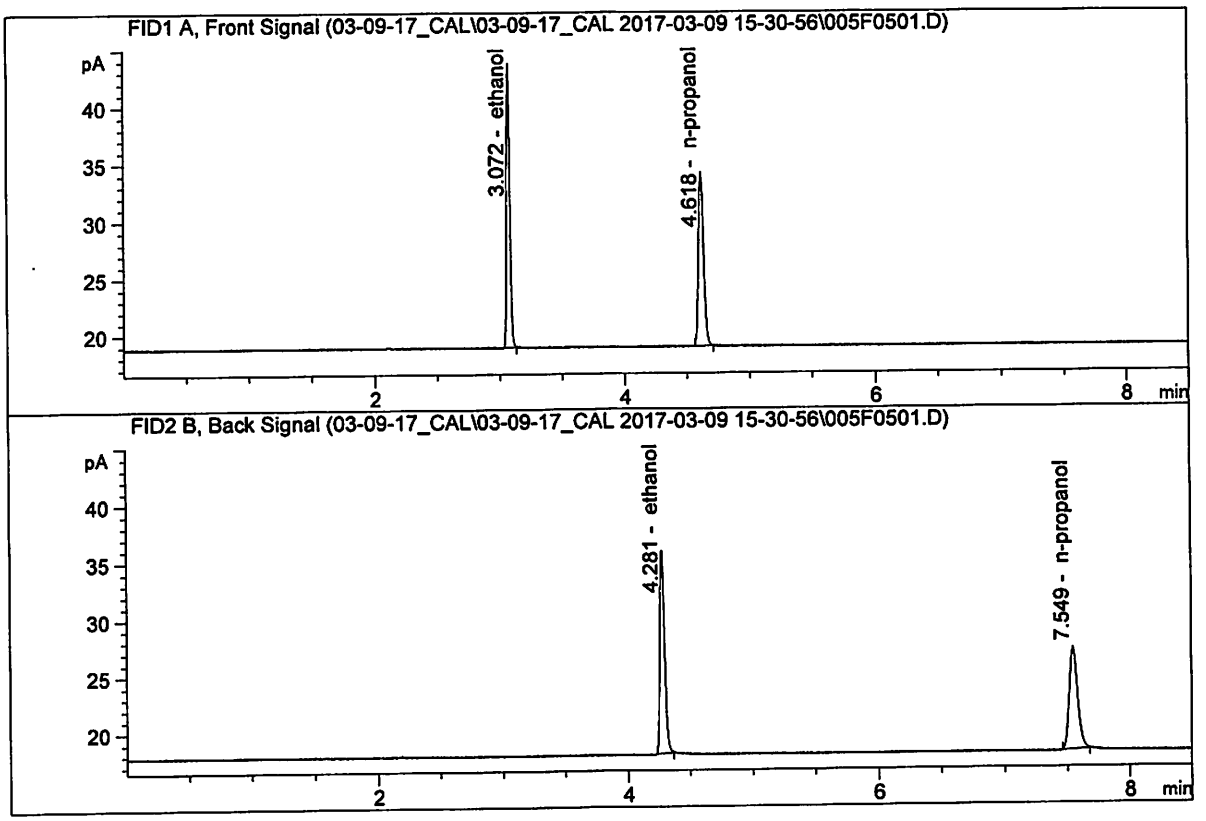


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.15870	0.3006	g/100cc
2.	Ethanol	Column 2:	28.05475	0.2995	g/100cc
3.	n-Propanol	Column 1:	43.22924	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.33538	1.0000	g/100cc

VG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : Mar 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.49744	0.4997	g/100cc
2.	Ethanol	Column 2:	47.48374	0.5008	g/100cc
3.	n-Propanol	Column 1:	43.55241	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.55071	1.0000	g/100cc

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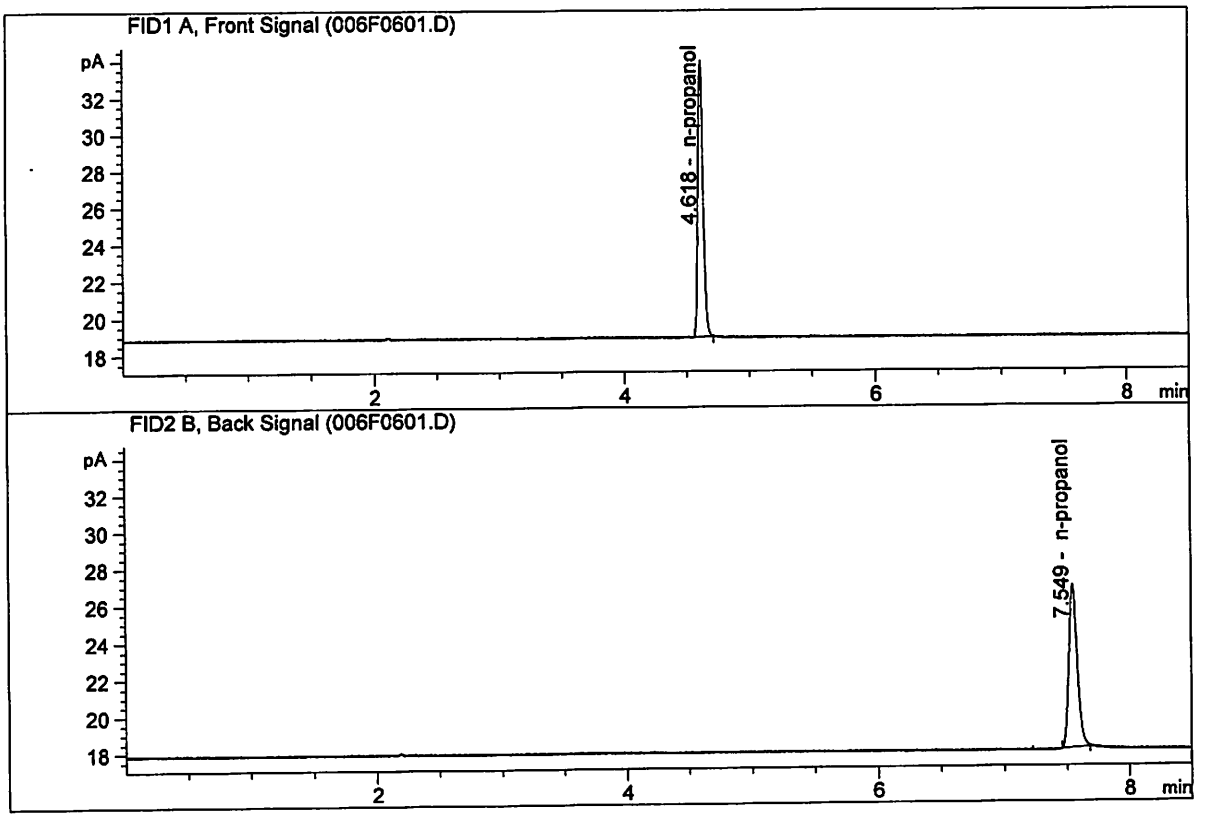
ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Mar 9, 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:	43.05171	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.95649	1.0000	g/100cc

JC

Sequence File C:\Chem32\...\11-17-16_CAL\newdefault_CAL 2017-03-09 15-30-56\newdefault_CAL.S

Sample Summary

Sequence table:	C:\Chem32\1\Data\11-17-16_CAL\newdefault_CAL 2017-03-09 15-30-56 \newdefault_CAL.S
Data directory path:	C:\Chem32\1\Data\11-17-16_CAL\newdefault_CAL 2017-03-09 15-30-56\
Logbook:	C:\Chem32\1\Data\11-17-16_CAL\newdefault_CAL 2017-03-09 15-30-56 \newdefault_CAL.LOG
Sequence start:	3/9/2017 3:45:36 PM
Sequence Operator:	SYSTEM
Operator:	SYSTEM

Method file name: C:\Chem32\1\Data\11-17-16_CAL\newdefault_CAL 2017-03-09 15-30-56\ALCOHOL.

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 as master method.

C:\Chem32\1\methods\alcohol.m

JG 3/9/17

Data transferred to

~~C:\Chem32\1\data\03-09-2017\~~ JG

C:\chem32\1\data\03-09-2017_Samples

to reflect proper run date JL

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 14 Mar 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0772	0.0777	0.0005	0.0774	0.0774	
(g/100cc)	0.0770	0.0778	0.0008	0.0774		

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
0.077	0.073	0.081	0.004

Reported Result

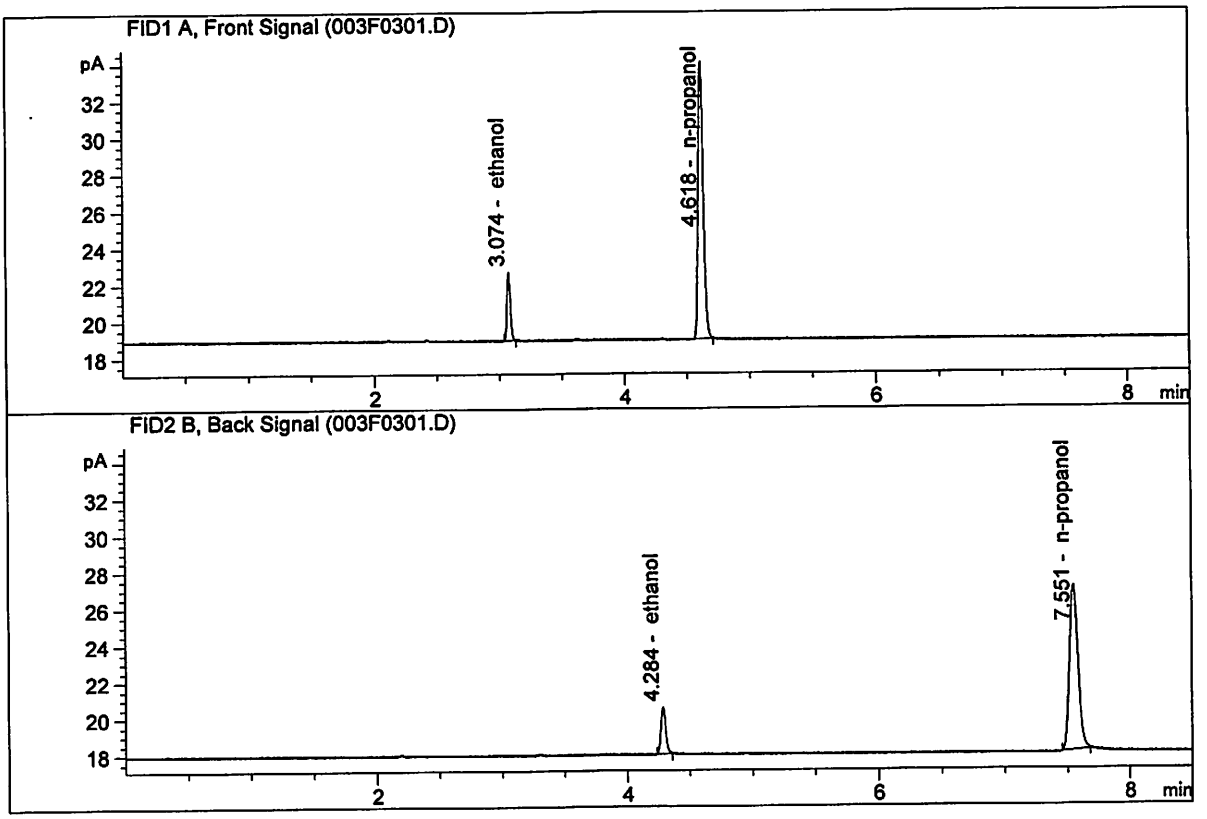
0.077

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Mar 14, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

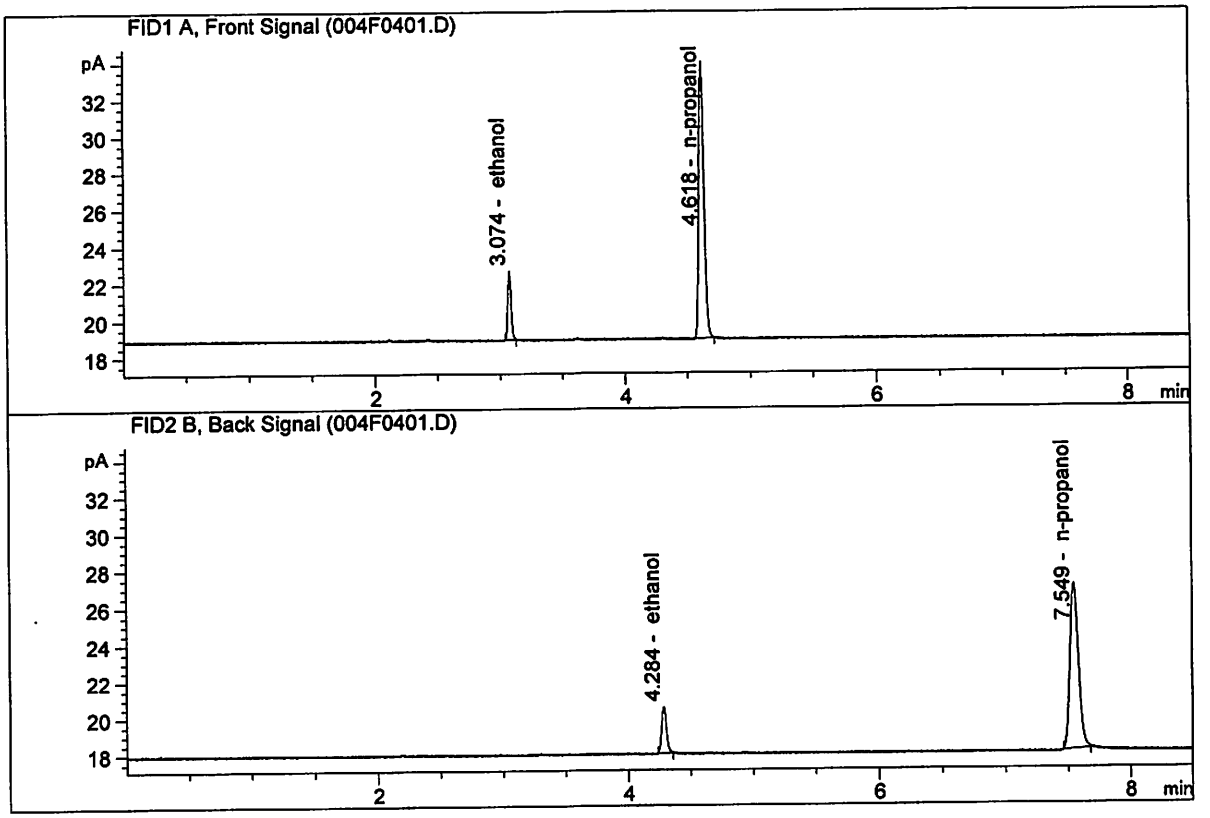


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.91902	0.0772	g/100cc
2.	Ethanol	Column 2:	6.88858	0.0777	g/100cc
3.	n-Propanol	Column 1:	43.01404	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.21809	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Mar 14, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.87696	0.0770	g/100cc
2.	Ethanol	Column 2:	6.87021	0.0778	g/100cc
3.	n-Propanol	Column 1:	42.87814	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.04060	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 14 Mar 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0786	0.0797	0.0011	0.0791	0.0787	
(g/100cc)	0.0776	0.0791	0.0015	0.0783		

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
0.078	**0.074**	**0.082**	**0.004**

Reported Result

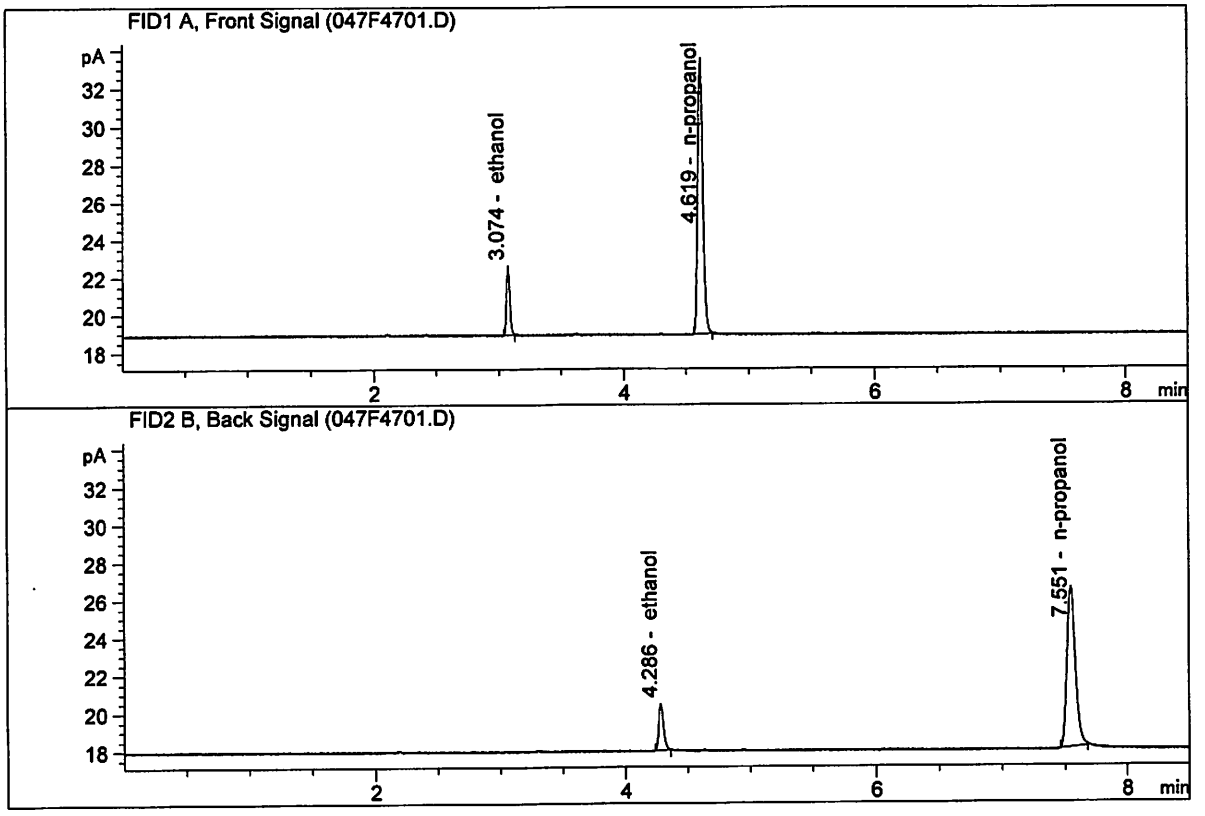
0.078

Calibration and control data are stored centrally.

JF

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Mar 14, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

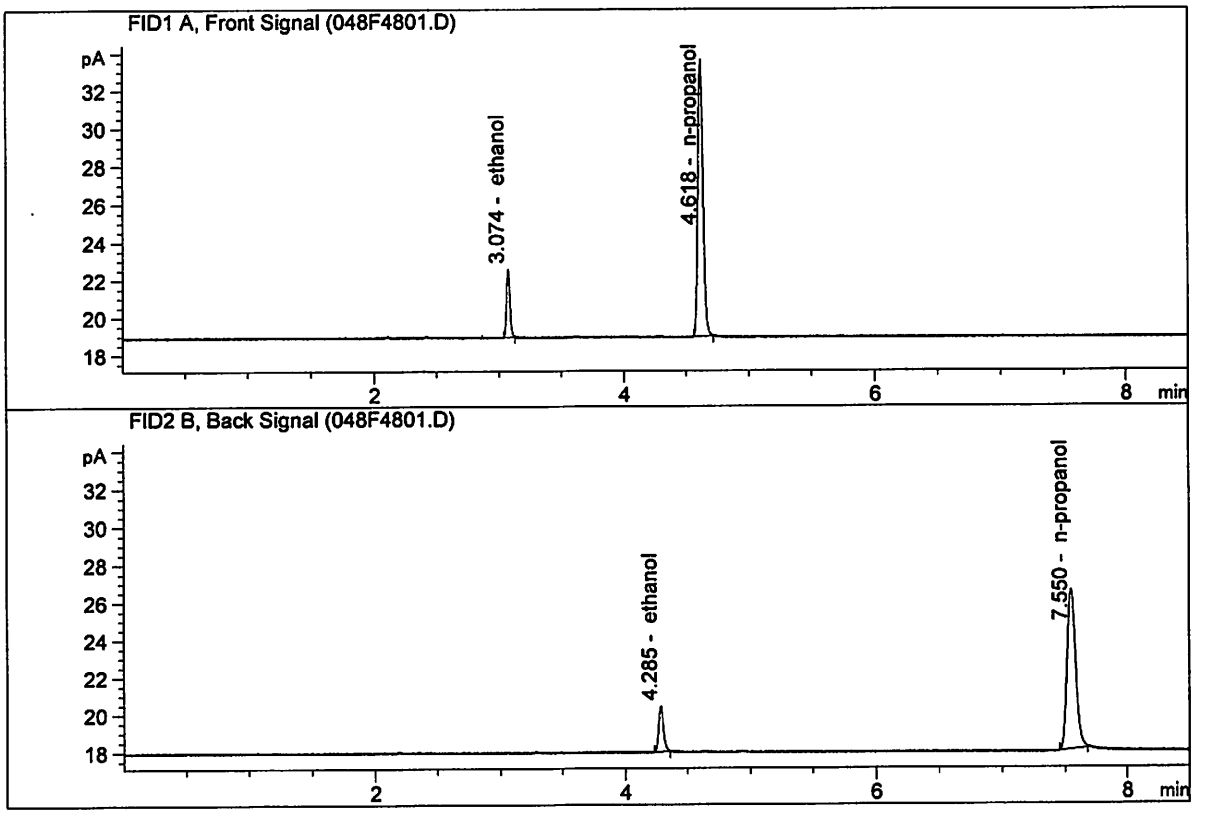


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.82591	0.0786	g/100cc
2.	Ethanol	Column 2:	6.70669	0.0797	g/100cc
3.	n-Propanol	Column 1:	41.67603	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.91016	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Mar 14, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.78025	0.0776	g/100cc
2.	Ethanol	Column 2:	6.70592	0.0791	g/100cc
3.	n-Propanol	Column 1:	41.91660	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.24642	1.0000	g/100cc

J6

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 14 Mar 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.1955	0.1965	0.0010	0.1960	0.1959
(g/100cc)	0.1950	0.1969	0.0019	0.1959	

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
0.195	**0.185**	**0.205**	**0.010**

Reported Result

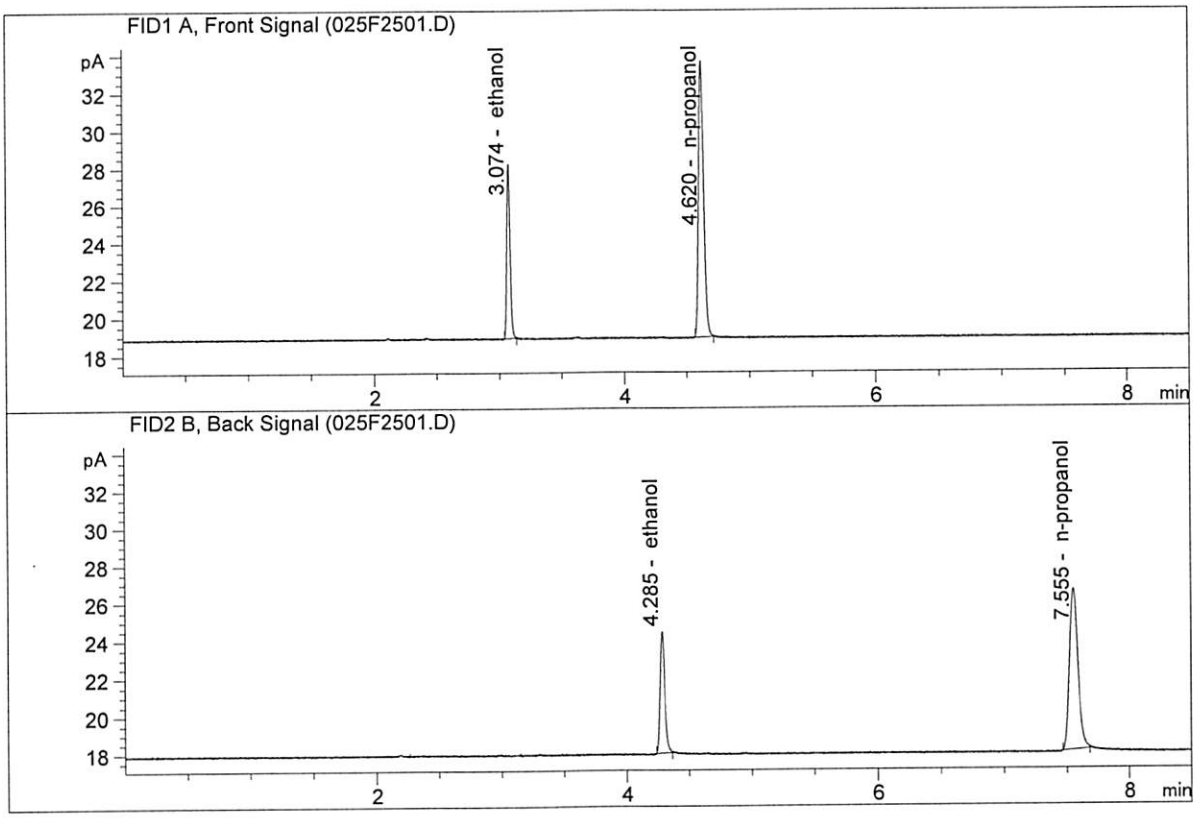
0.195

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Mar 14, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

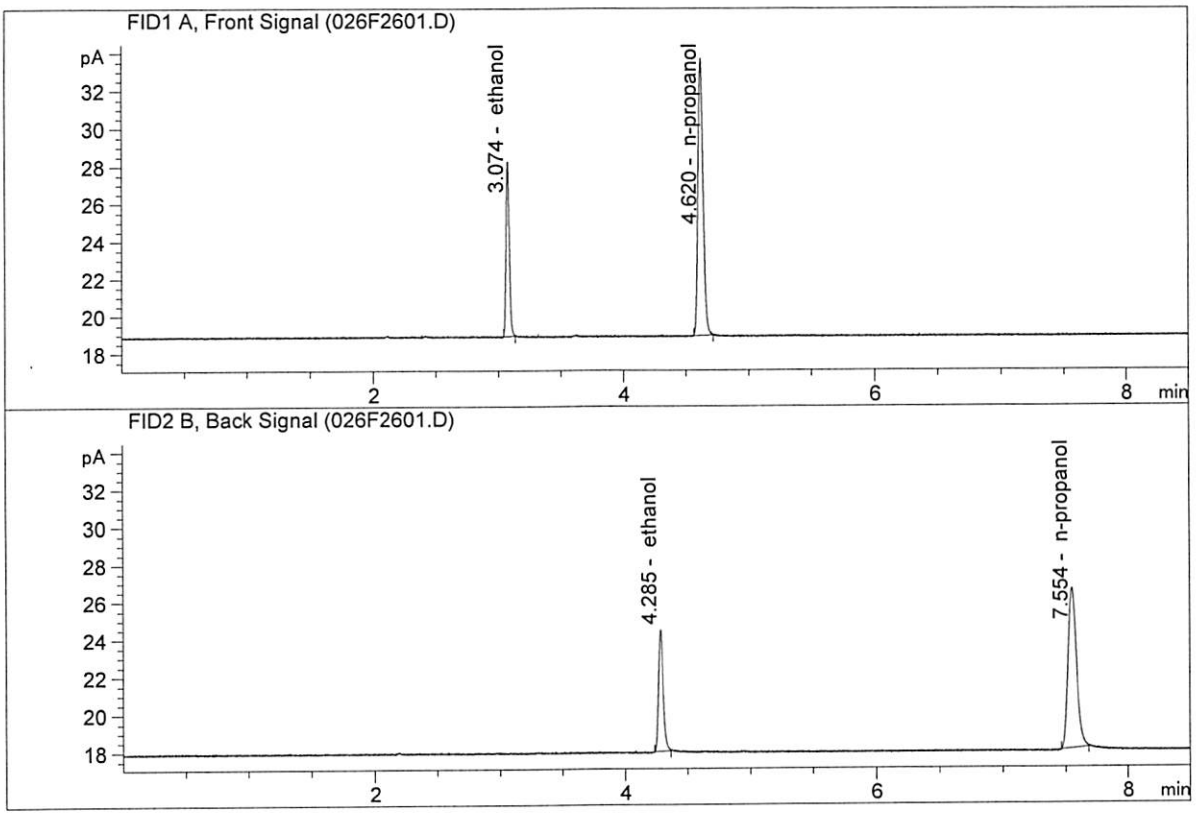


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.13690	0.1955	g/100cc
2.	Ethanol	Column 2:	17.32111	0.1965	g/100cc
3.	n-Propanol	Column 1:	41.95369	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.15410	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Mar 14, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.13208	0.1950	g/100cc
2.	Ethanol	Column 2:	17.35193	0.1969	g/100cc
3.	n-Propanol	Column 1:	42.06092	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.14111	1.0000	g/100cc

JA

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 14 Mar 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0799	0.0813	0.0014	0.0806	0.0803	
(g/100cc)	0.0800	0.0803	0.0003	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:
MD96BC1382/MD94AM10010

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

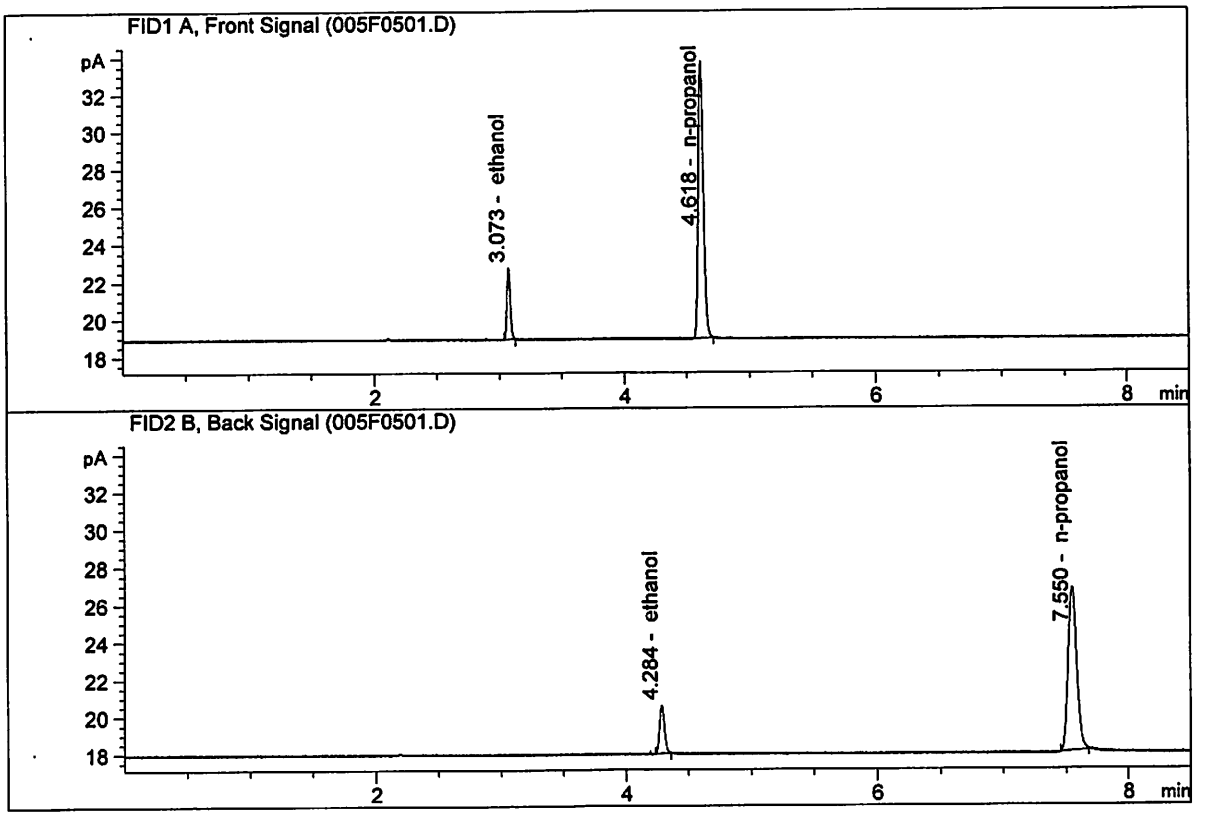
0.080

Calibration and control data are stored centrally.

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Mar 14, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

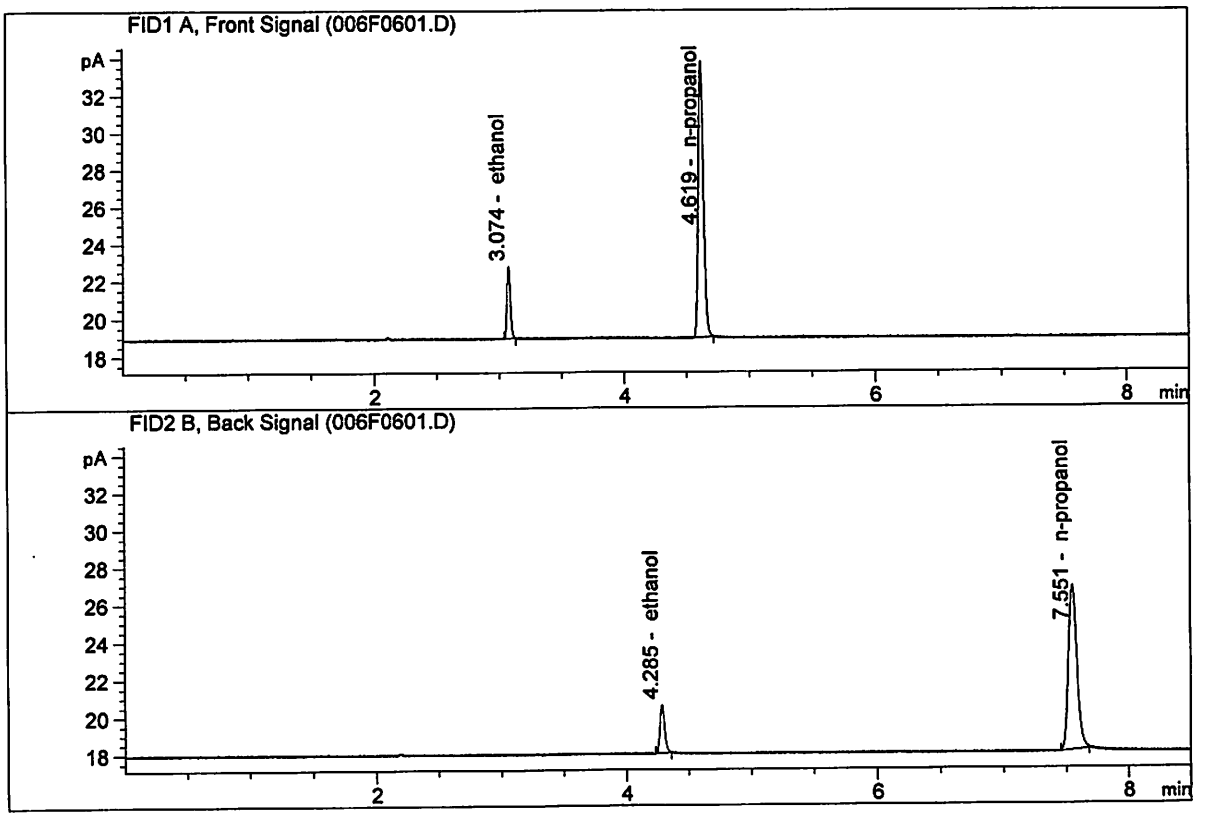


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.02627	0.0799	g/100cc
2.	Ethanol	Column 2:	7.05335	0.0813	g/100cc
3.	n-Propanol	Column 1:	42.17204	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.16534	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

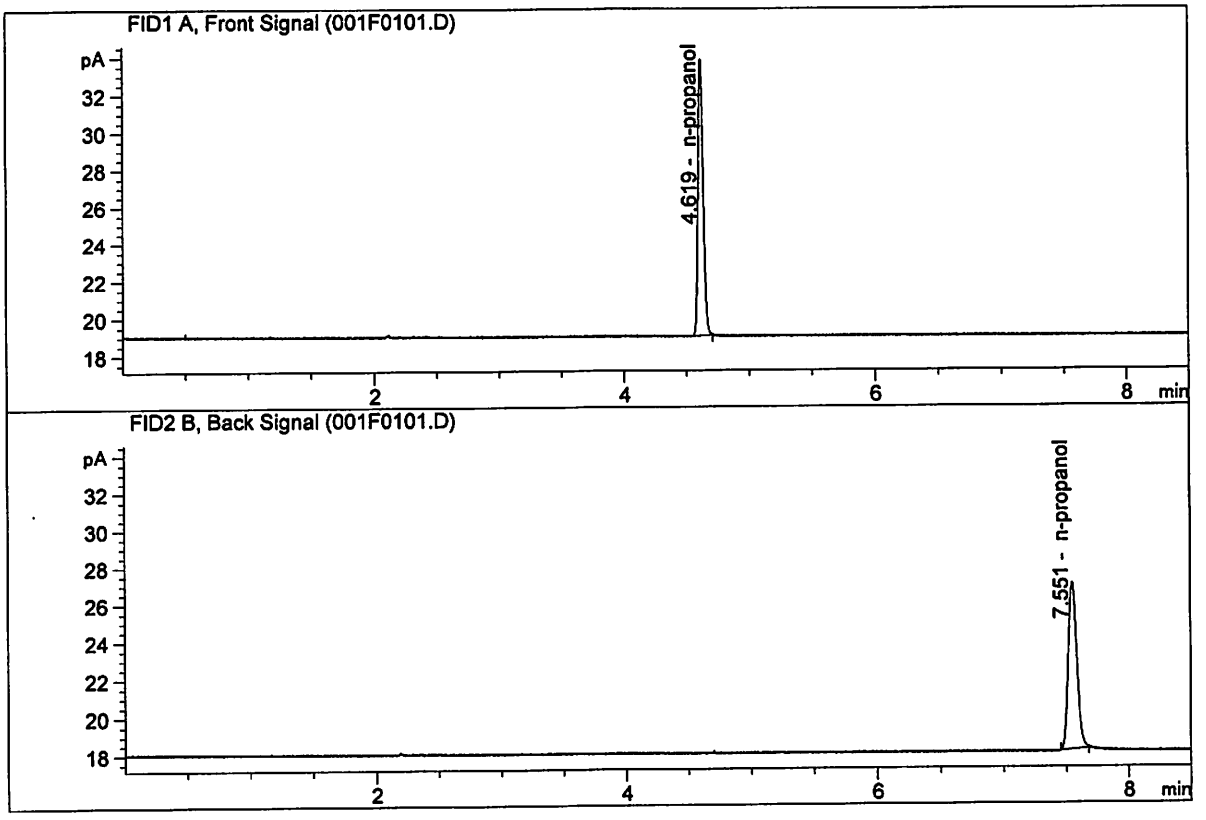
Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Mar 14, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.06414	0.0800	g/100cc
2.	Ethanol	Column 2:	7.02609	0.0803	g/100cc
3.	n-Propanol	Column 1:	42.34715	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.54946	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

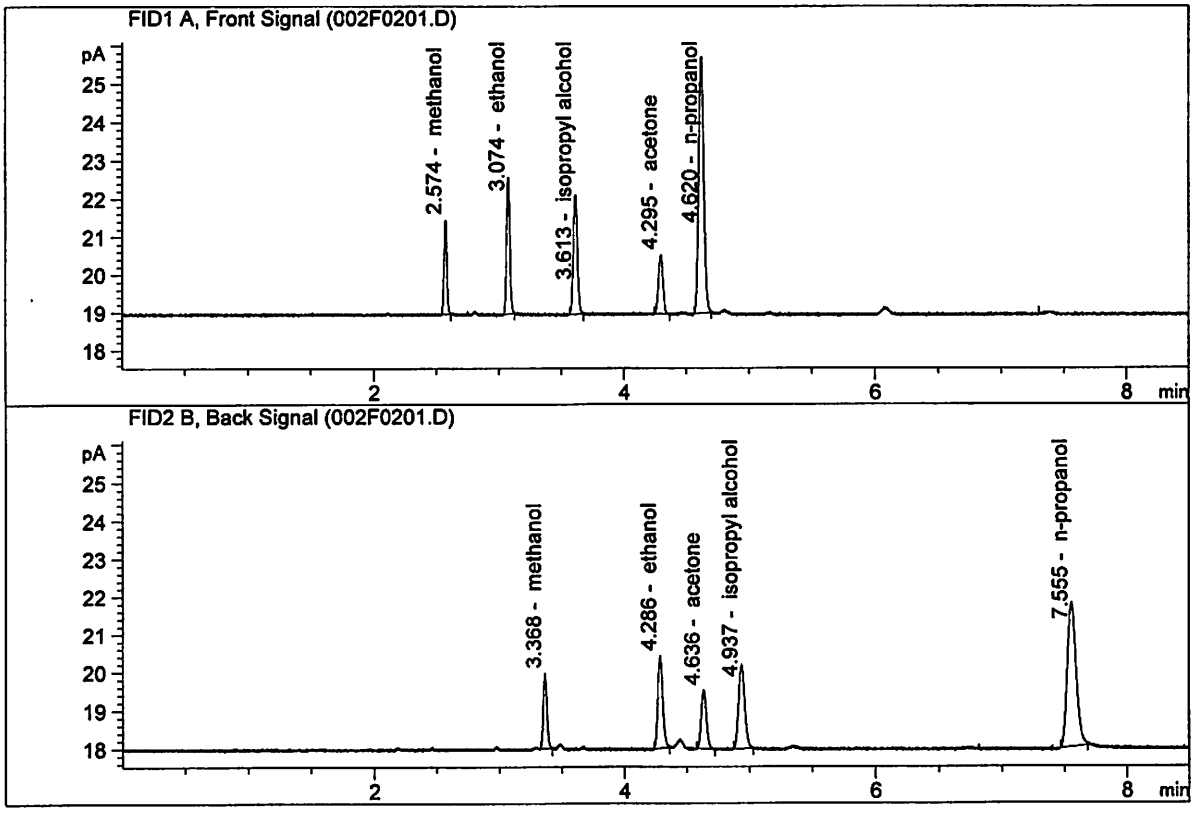
Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Mar 14, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	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:	42.13560	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.86569	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN09231404
Laboratory : Meridian
Injection Date : Mar 14, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.44657	0.1623	g/100cc
2.	Ethanol	Column 2:	6.49427	0.1647	g/100cc
3.	n-Propanol	Column 1:	19.01961	1.0000	g/100cc
4.	n-Propanol	Column 2:	18.50940	1.0000	g/100cc

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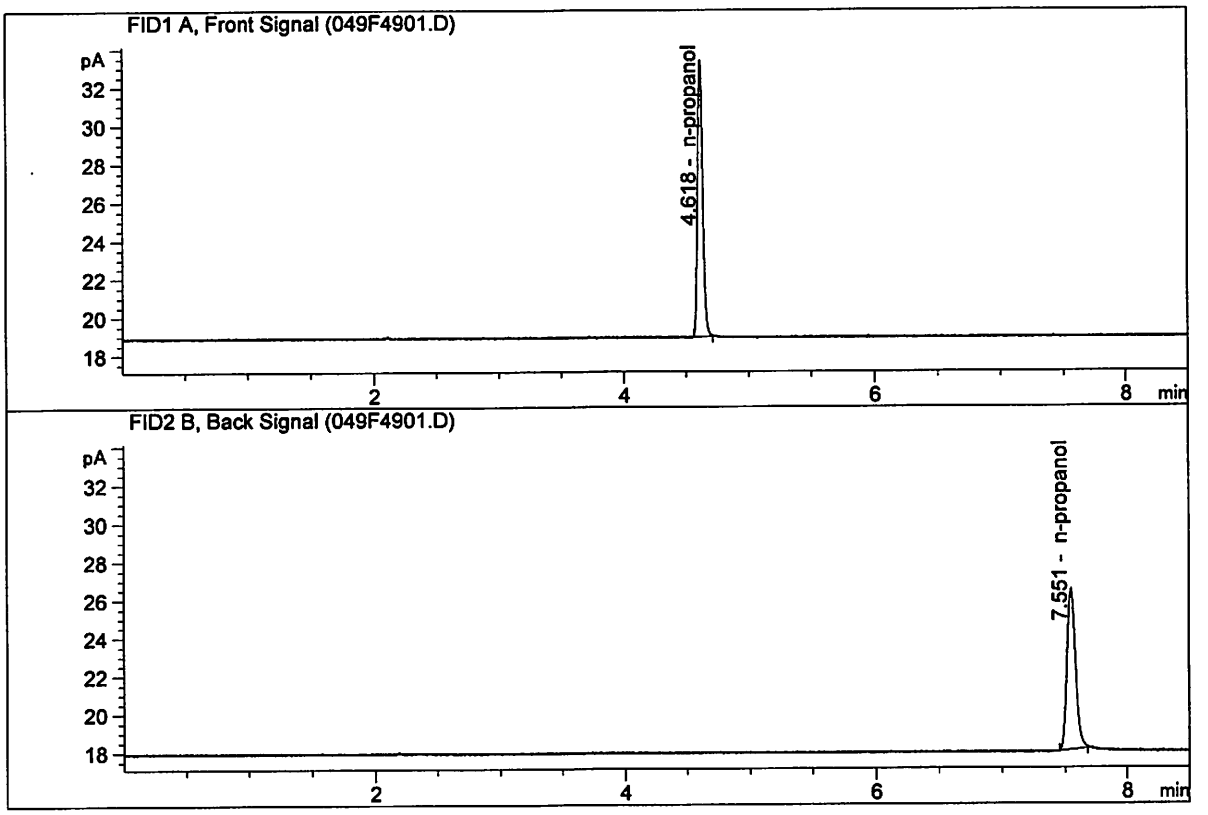
ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Mar 14, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

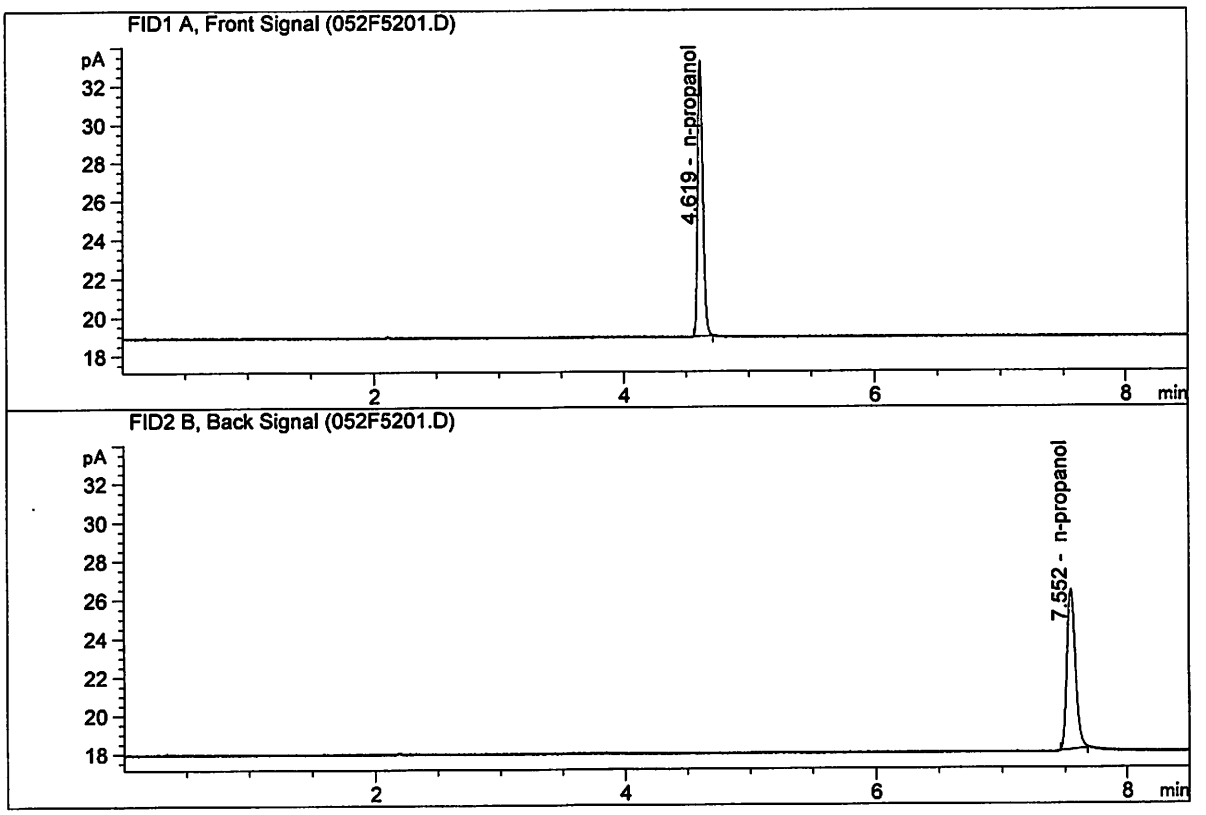


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.11621	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.48285	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Mar 15, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

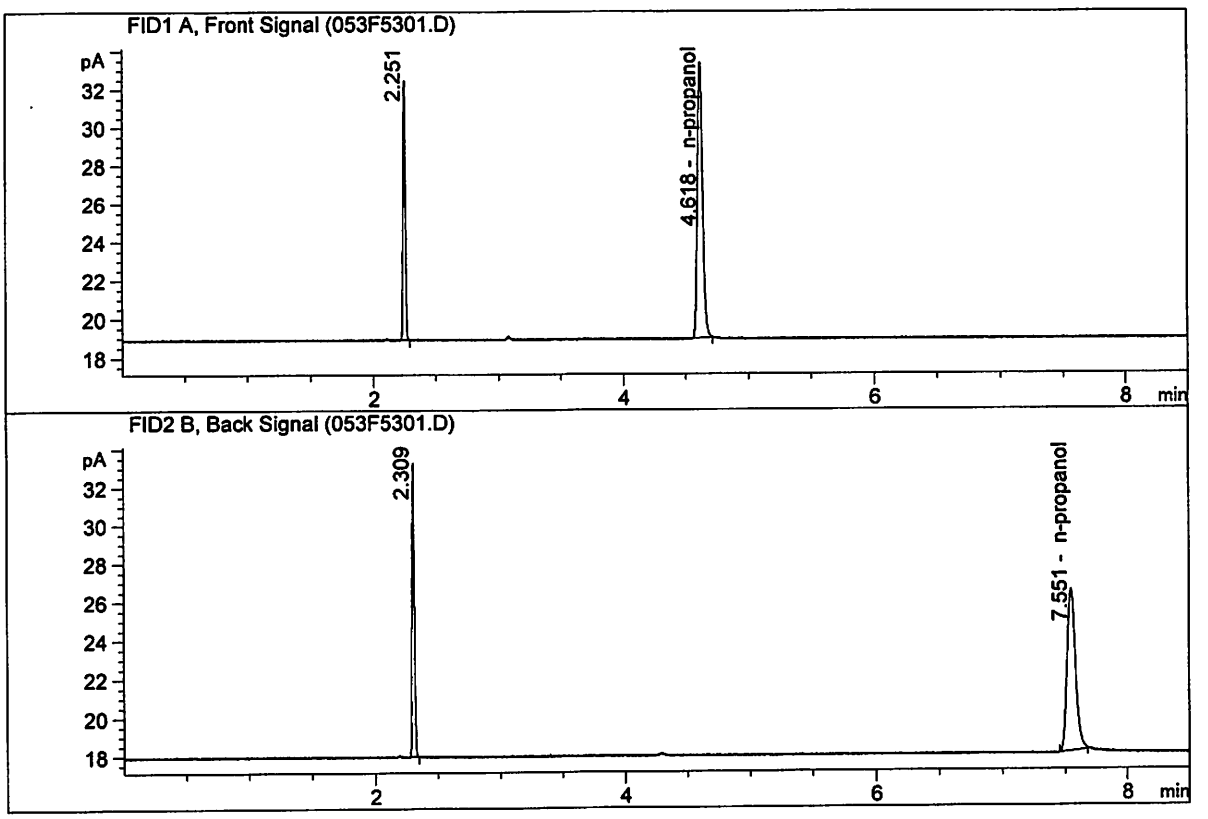


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.77922	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.92751	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : TFE 111914
Laboratory : Meridian
Injection Date : Mar 15, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

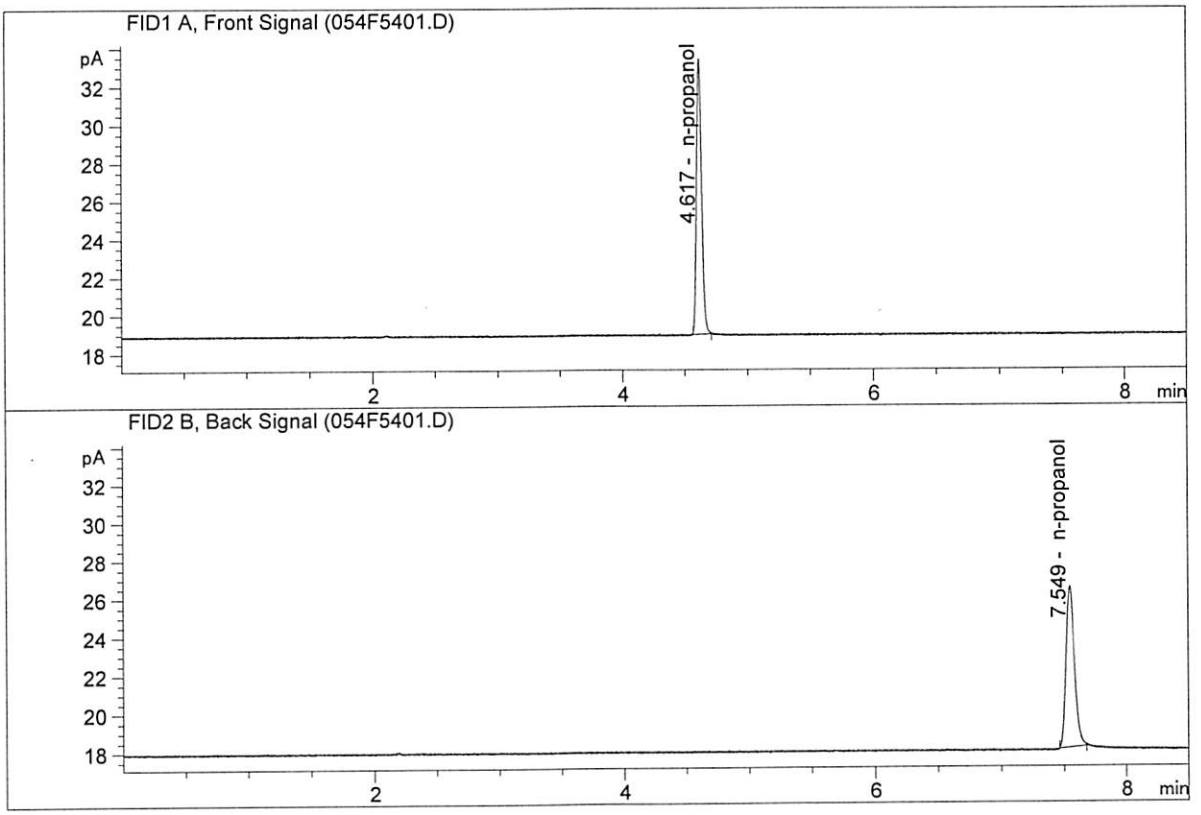


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.17302	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.41314	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Mar 15, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

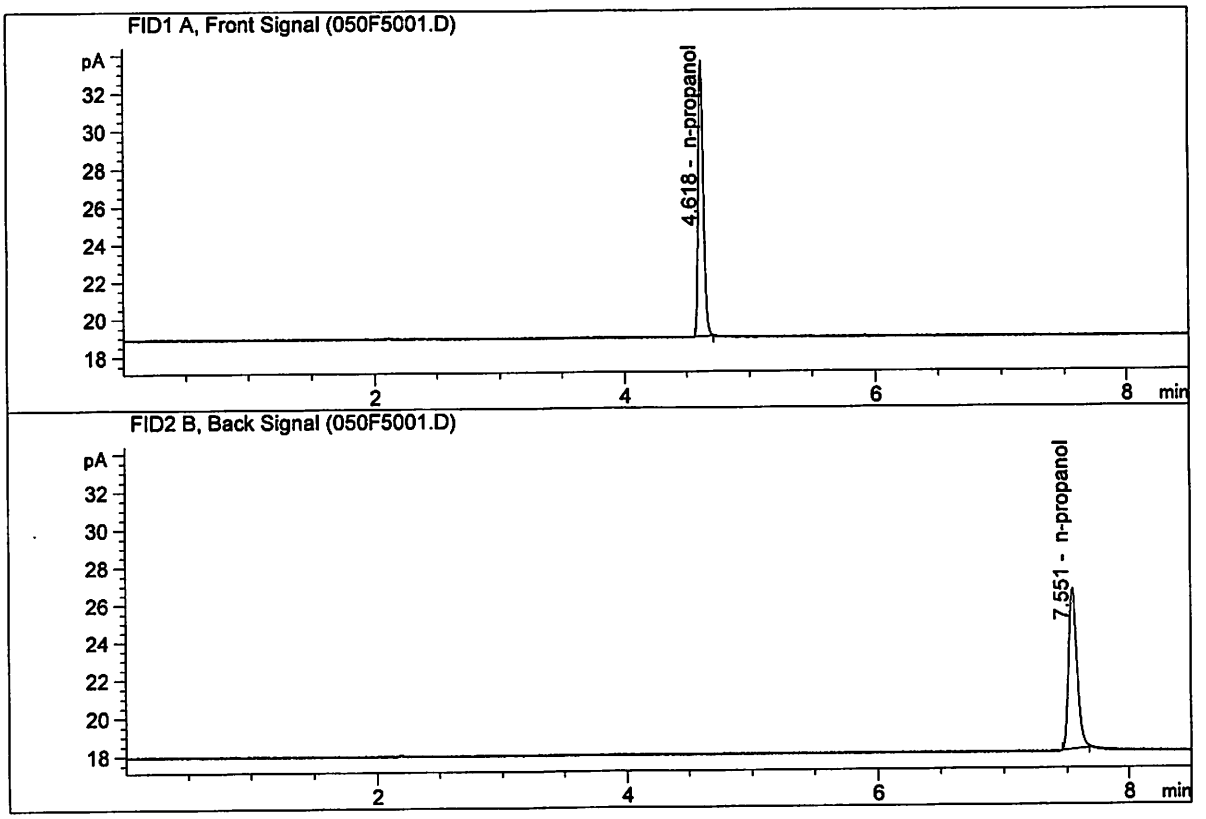


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.08458	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.27437	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Mar 15, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

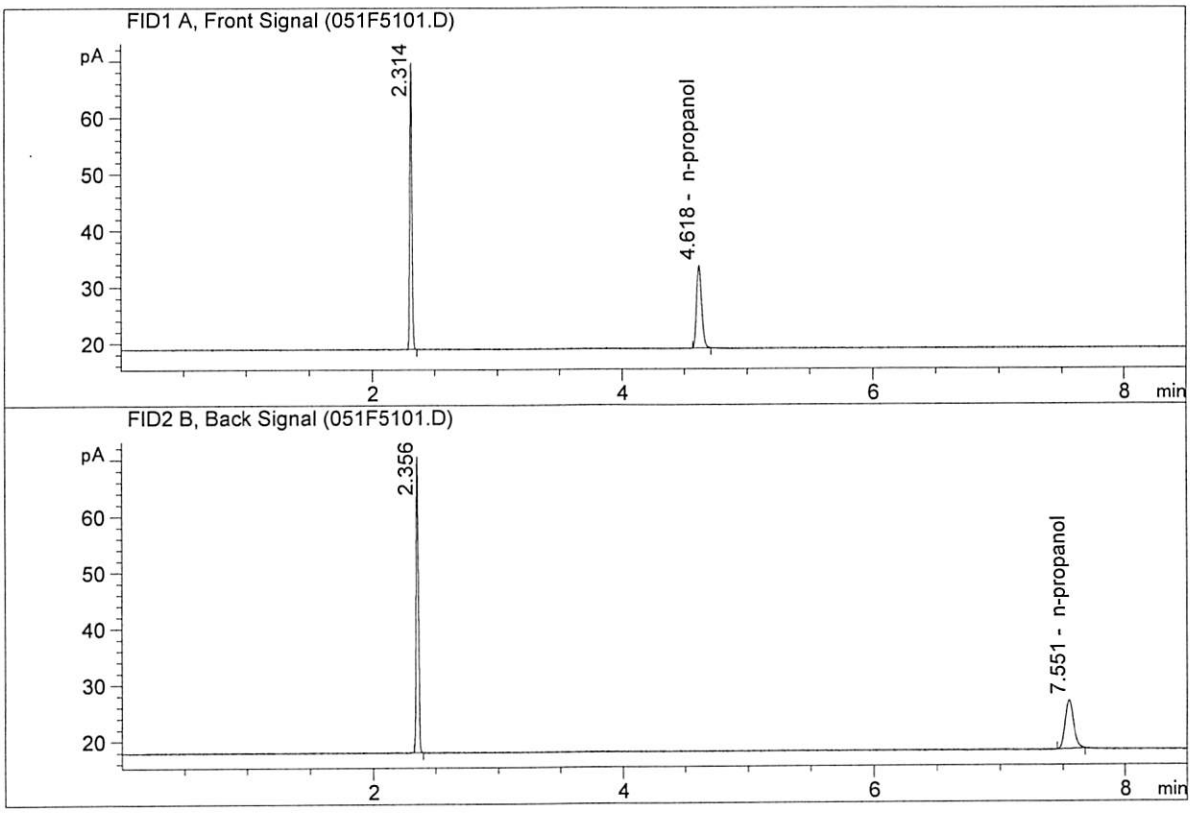


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.72289	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.85107	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : DFE 111914OM
Laboratory : Meridian
Injection Date : Mar 15, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

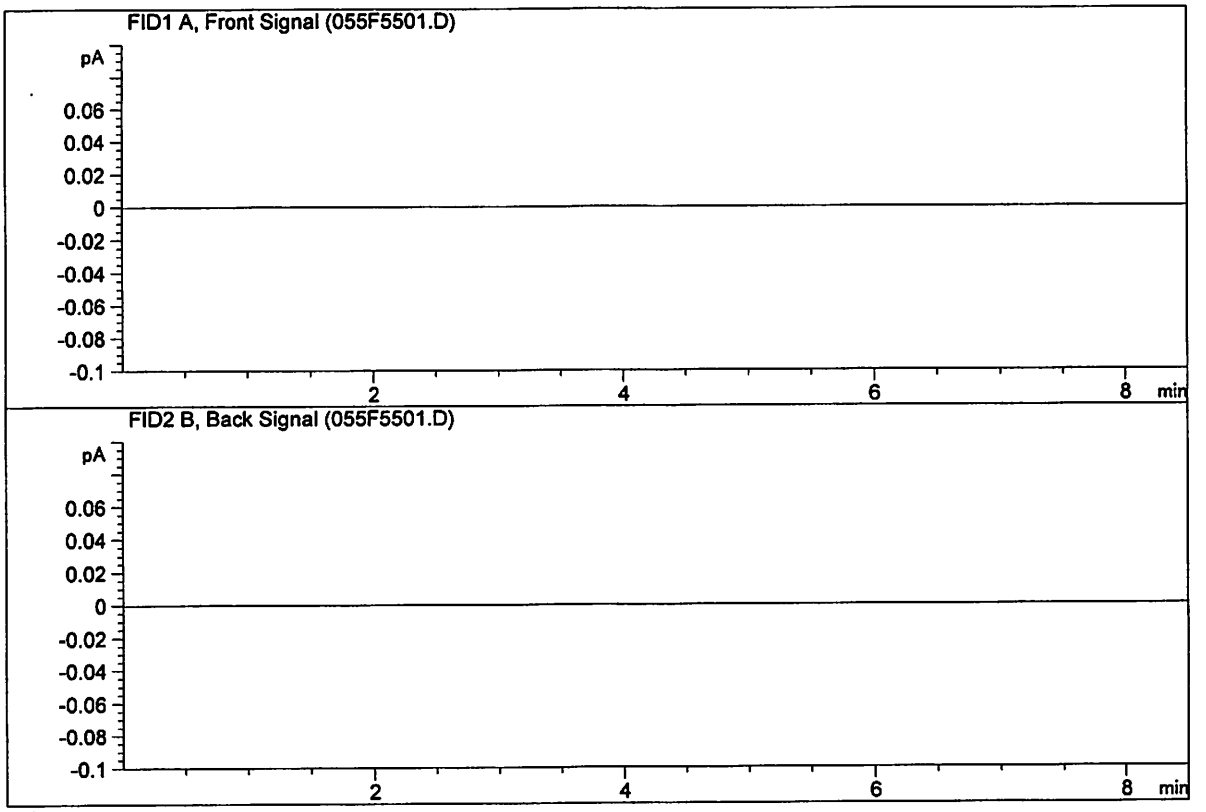


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.79330	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.13214	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : EMPTY
Laboratory : Meridian
Injection Date : Mar 15, 2017
Method : SHUTDOWN.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:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc

JG

Sequence File C:\Chem32\...7_SAMPLES\03-14-17_SAMPLES 2017-03-14 15-12-39\03-14-17_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\03-01-17_SAMPLES\03-14-17_SAMPLES 2017-03-14 15-12-39\03 14-17_SAMPLES.S
Data directory path: C:\Chem32\1\Data\03-01-17_SAMPLES\03-14-17_SAMPLES 2017-03-14 15-12-39\
Logbook: C:\Chem32\1\Data\03-01-17_SAMPLES\03-14-17_SAMPLES 2017-03-14 15-12-39\03 14-17_SAMPLES.LOG
Sequence start: 3/14/2017 3:27:31 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\03-01-17_SAMPLES\03-14-17_SAMPLES 2017-03-14 15-12-39 \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	M2017-0901-1-A	-	1.0000	007F0701.D		2
8	8	1	M2017-0901-1-B	-	1.0000	008F0801.D		2
9	9	1	M2017-0902-1-A	-	1.0000	009F0901.D		4
10	10	1	M2017-0902-1-B	-	1.0000	010F1001.D		4
11	11	1	M2017-0903-1-A	-	1.0000	011F1101.D		4
12	12	1	M2017-0903-1-B	-	1.0000	012F1201.D		4
13	13	1	M2017-0908-1-A	-	1.0000	013F1301.D		4
14	14	1	M2017-0908-1-B	-	1.0000	014F1401.D		4
15	15	1	M2017-0909-1-A	-	1.0000	015F1501.D		4
16	16	1	M2017-0909-1-B	-	1.0000	016F1601.D		4
17	17	1	M2017-0919-1-A	-	1.0000	017F1701.D		4
18	18	1	M2017-0919-1-B	-	1.0000	018F1801.D		4
19	19	1	M2017-0922-1-A	-	1.0000	019F1901.D		4
20	20	1	M2017-0922-1-B	-	1.0000	020F2001.D		4
21	21	1	M2017-0951-1-A	-	1.0000	021F2101.D		4
22	22	1	M2017-0951-1-B	-	1.0000	022F2201.D		4
23	23	1	M2017-0975-1-A	-	1.0000	023F2301.D		2
24	24	1	M2017-0975-1-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	M2017-0976-1-A	-	1.0000	027F2701.D		4
28	28	1	M2017-0976-1-B	-	1.0000	028F2801.D		4
29	29	1	M2017-0977-1-A	-	1.0000	029F2901.D		4
30	30	1	M2017-0977-1-B	-	1.0000	030F3001.D		4
31	31	1	M2017-0978-1-A	-	1.0000	031F3101.D		4
32	32	1	M2017-0978-1-B	-	1.0000	032F3201.D		4
33	33	1	M2017-0979-1-A	-	1.0000	033F3301.D		4
34	34	1	~~M2017-0979-1-B~~ JG M2017-0979-1-B	-	1.0000	034F3401.D		4
35	35	1	M2017-0995-2-A	-	1.0000	035F3501.D		4
36	36	1	M2017-0995-2-B	-	1.0000	036F3601.D		4
37	37	1	M2017-0996-1-A	-	1.0000	037F3701.D		4
38	38	1	M2017-0996-1-B	-	1.0000	038F3801.D		4
39	39	1	M2017-1011-1-A	-	1.0000	039F3901.D		4
40	40	1	M2017-1011-1-B	-	1.0000	040F4001.D		4
41	41	1	M2017-1034-1-A	-	1.0000	041F4101.D		4
42	42	1	M2017-1034-1-B	-	1.0000	042F4201.D		4
43	43	1	M2017-1036-1-A	-	1.0000	043F4301.D		4

JG

Sequence File C:\Chem32\...7_SAMPLES\03-14-17_SAMPLES 2017-03-14 15-12-39\03-14-17_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2017-1036-1-B	-	1.0000	044F4401.D	4
45	45	1	M2017-1037-1-A	-	1.0000	045F4501.D	4
46	46	1	M2017-1037-1-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	INTERNAL STD BLK	-	1.0000	049F4901.D	2
50	50	1	INTERNAL STD BLK	-	1.0000	050F5001.D	2
51	51	1	DFE 111914OM	-	1.0000	051F5101.D	2
52	52	1	INTERNAL STD BLK	-	1.0000	052F5201.D	2
53	53	1	TFE 111914	-	1.0000	053F5301.D	2
54	54	1	INTERNAL STD BLK	-	1.0000	054F5401.D	2

Method file name: C:\Chem32\1\Data\03-01-17_SAMPLES\03-14-17_SAMPLES 2017-03-14 15-12-39\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
55	55	1	EMPTY	-	1.0000	055F5501.D	0

Data transferred to:

C:\chem32\1\data\03-14-2017_samples

to reflect proper run date

JG 3/17/17