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): 10/26/17**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702 - 0.0858	0.0751 g/100cc
					0.0775 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818 - 0.2222	0.2000 g/100cc
					0.2113 g/100cc
					g/100cc
Multi-Component mixture:		**Exp date: Oct 2019**	**Lot #**	FN09231404	OK
Curve Fit:			**Column 1**	1.00000 **Column2**	0.99991

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	0.0491	0.0476	0.0015	0.0483
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.0997	0.0962	0.0035	0.0979
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1995	0.1957	0.0038	0.1976
0.300	Jun-20	FN06051501	0.300	0.270 - 0.330	0.2996	0.2968	0.0028	0.2982
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5006	0.5046	0.004	0.5026

Aqueous Controls					
Control level	**Expiration**	**Cerilliant Lot #**	**Target Value**	**Acceptable Range**	**Overall Results**
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.077 g/100cc

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

NB

Worklist: 1975

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-4656	2	98099	Alcohol Analysis
M2017-4811	1	97650	Alcohol Analysis
M2017-4812	1	97651	Alcohol Analysis
M2017-4813	1	97652	Alcohol Analysis
M2017-4823	1	97732	Alcohol Analysis
M2017-4824	1	97751	Alcohol Analysis
M2017-4826	1	97758	Alcohol Analysis
M2017-4853	1	97974	Alcohol Analysis
M2017-4853	2	97977	Alcohol Analysis
M2017-4854	1	97981	Alcohol Analysis
M2017-4855	1	97982	Alcohol Analysis
M2017-4860	1	98072	Alcohol Analysis
M2017-4862	1	98097	Alcohol Analysis
M2017-4863	1	98098	Alcohol Analysis
M2017-4872	1	98163	Alcohol Analysis
M2017-4873	1	98164	Alcohol Analysis
M2017-4900	1	98252	Alcohol Analysis
M2017-4912	1	98313	Alcohol Analysis
M2017-4920	1	98338	Alcohol Analysis
M2017-4928	1	98351	Alcohol Analysis
M2017-4946	1	98414	Alcohol Analysis
M2017-4961	1	98472	Alcohol Analysis
M2017-4964	1	98522	Alcohol Analysis

NB

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Thursday, October 26, 2017 12:53:16 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 : Forced
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

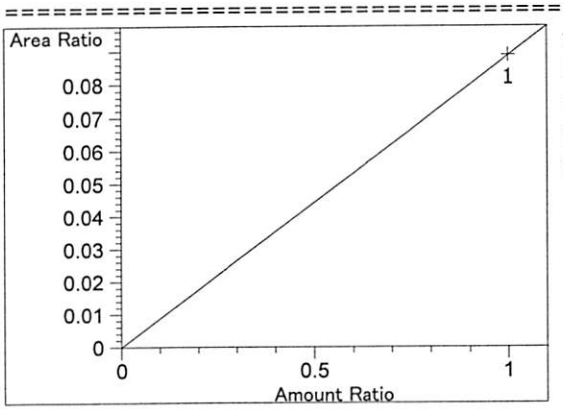
NB

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
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	4.32129	1.15706e-2	No	No	1	ethanol
		2	1.00000e-1	8.90608	1.12283e-2				
		3	2.00000e-1	18.02562	1.10953e-2				
		4	3.00000e-1	27.11174	1.10653e-2				
		5	5.00000e-1	44.80466	1.11596e-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	4.39202	1.13843e-2	No	No	2	ethanol
		2	1.00000e-1	8.91067	1.12225e-2				
		3	2.00000e-1	18.26171	1.09519e-2				
		4	3.00000e-1	27.67791	1.08390e-2				
		5	5.00000e-1	46.41479	1.07724e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	41.64591	2.40120e-2	No	Yes	1	n-propanol
		2	1.00000	42.25084	2.36682e-2				
		3	1.00000	42.74223	2.33961e-2				
		4	1.00000	42.81770	2.33548e-2				
		5	1.00000	42.34623	2.36149e-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	42.36305	2.36055e-2	No	Yes	2	n-propanol
		2	1.00000	42.58066	2.34848e-2				
		3	1.00000	42.87545	2.33234e-2				
		4	1.00000	42.84713	2.33388e-2				
		5	1.00000	42.25900	2.36636e-2				

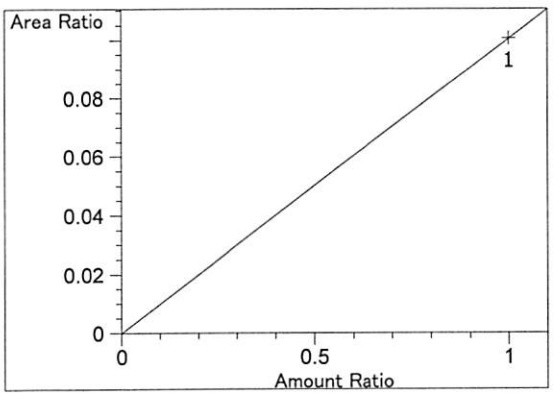
Peak Sum Table

No Entries in table

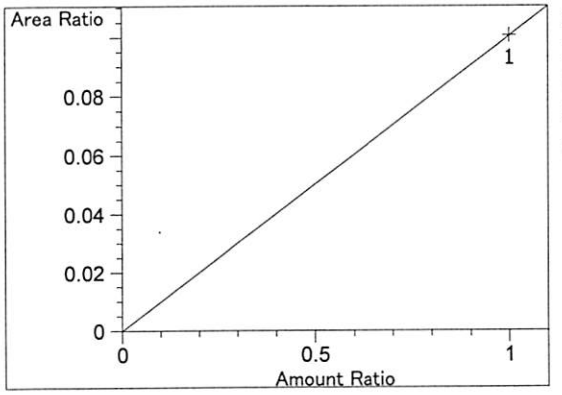
Calibration Curves



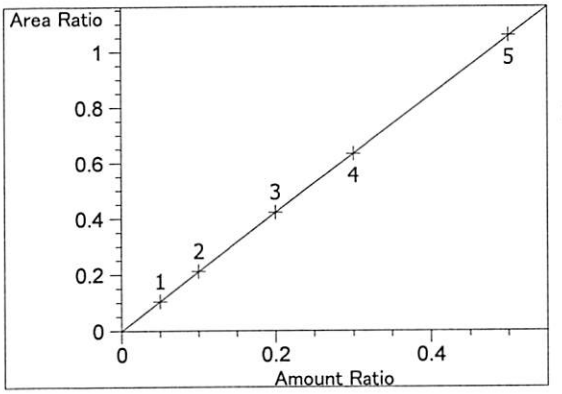
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 8.87649e-2
x: Amount Ratio
y: Area Ratio



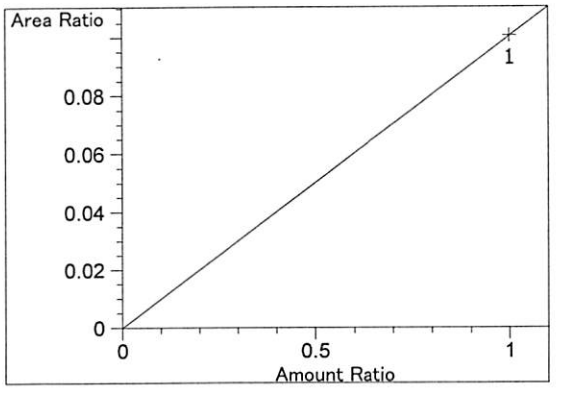
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00583e-1
x: Amount Ratio
y: Area Ratio



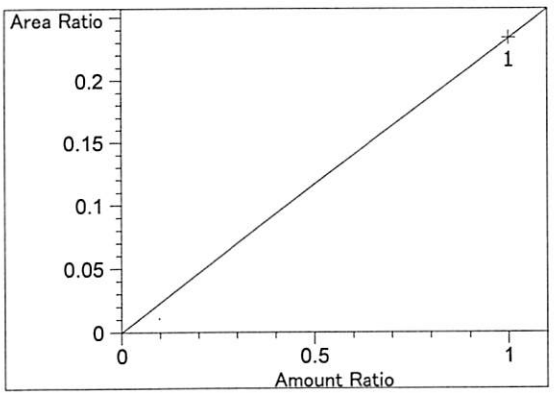
Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00583e-1
x: Amount Ratio
y: Area Ratio



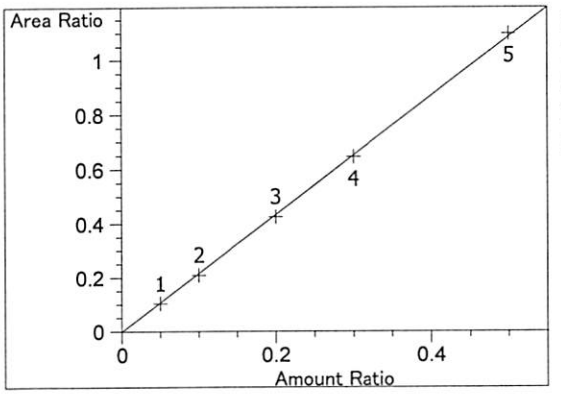
ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00136
Formula: y = mx
m: 2.11362
x: Amount Ratio
y: Area Ratio



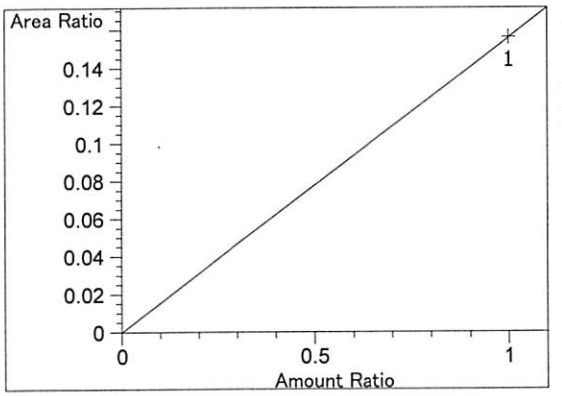
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00574e-1
x: Amount Ratio
y: Area Ratio



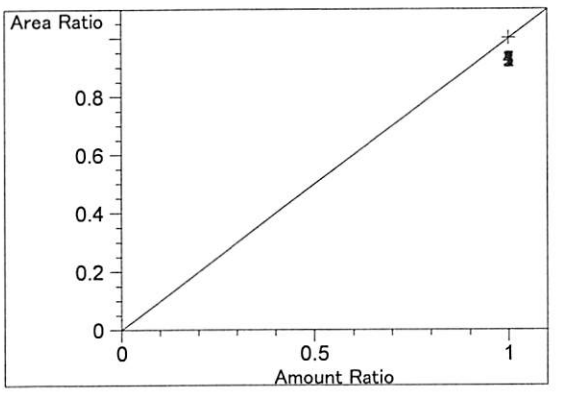
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 2.33650e-1
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99991
Residual Std. Dev.: 0.00916
Formula: y = mx
m: 2.17645
x: Amount Ratio
y: Area Ratio

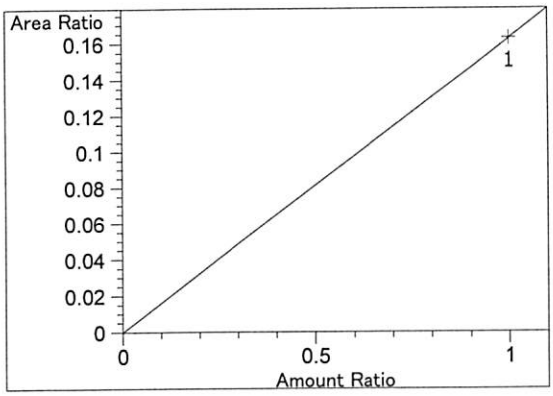


acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.56063e-1
x: Amount Ratio
y: Area Ratio

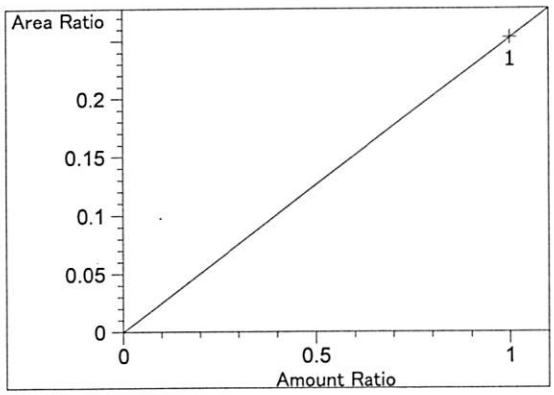


n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

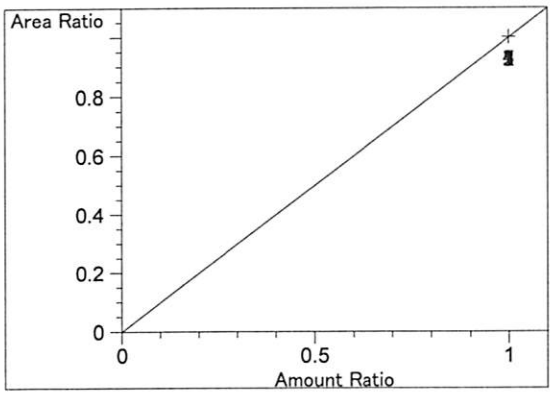
NB



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.62713e-1
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
m: 2.52730e-1
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
m: 1.00000
x: Amount Ratio
y: Area Ratio

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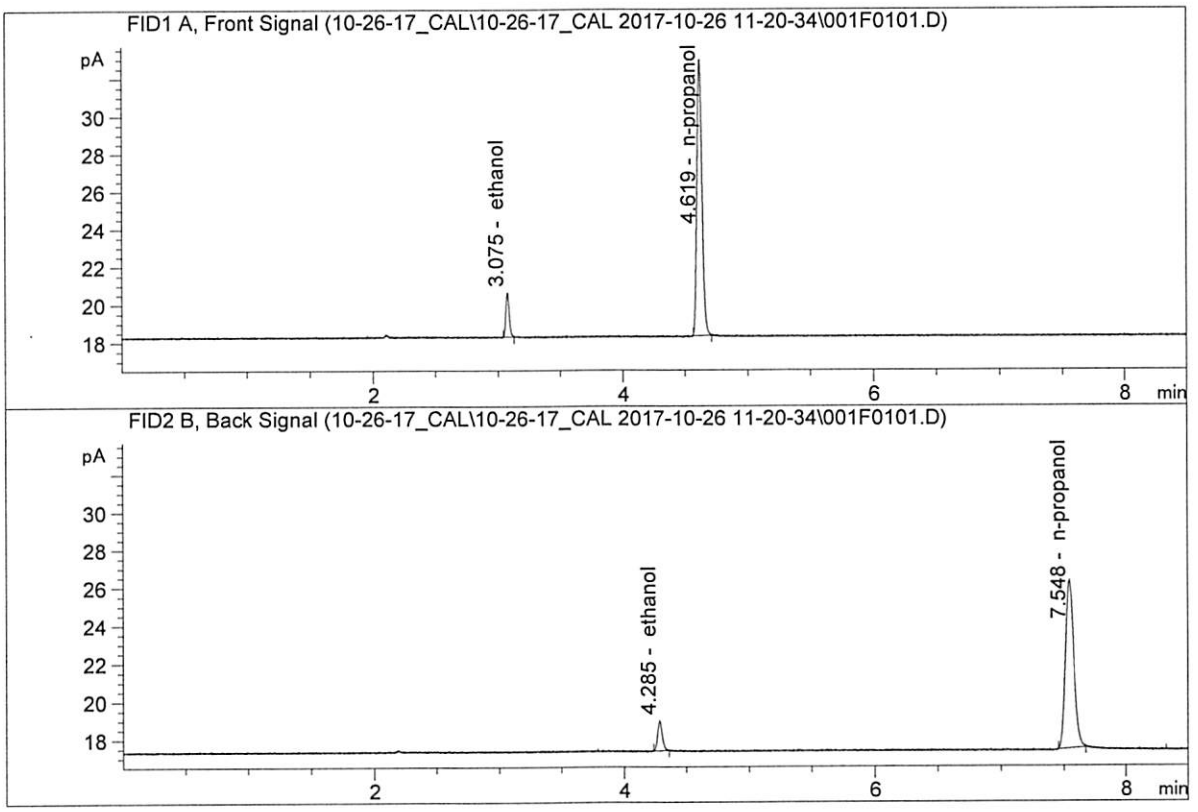
NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

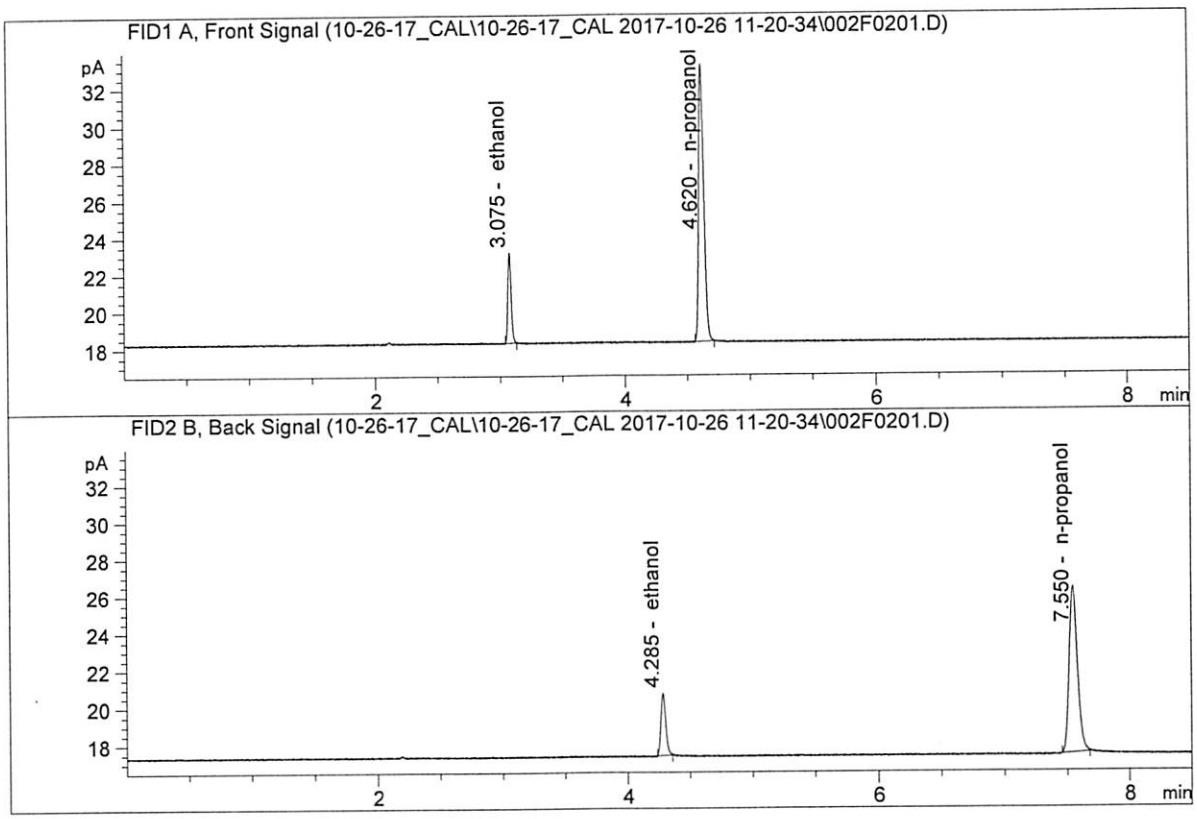


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.32129	0.0491	g/100cc
2.	Ethanol	Column 2:	4.39202	0.0476	g/100cc
3.	n-Propanol	Column 1:	41.64591	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.36305	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

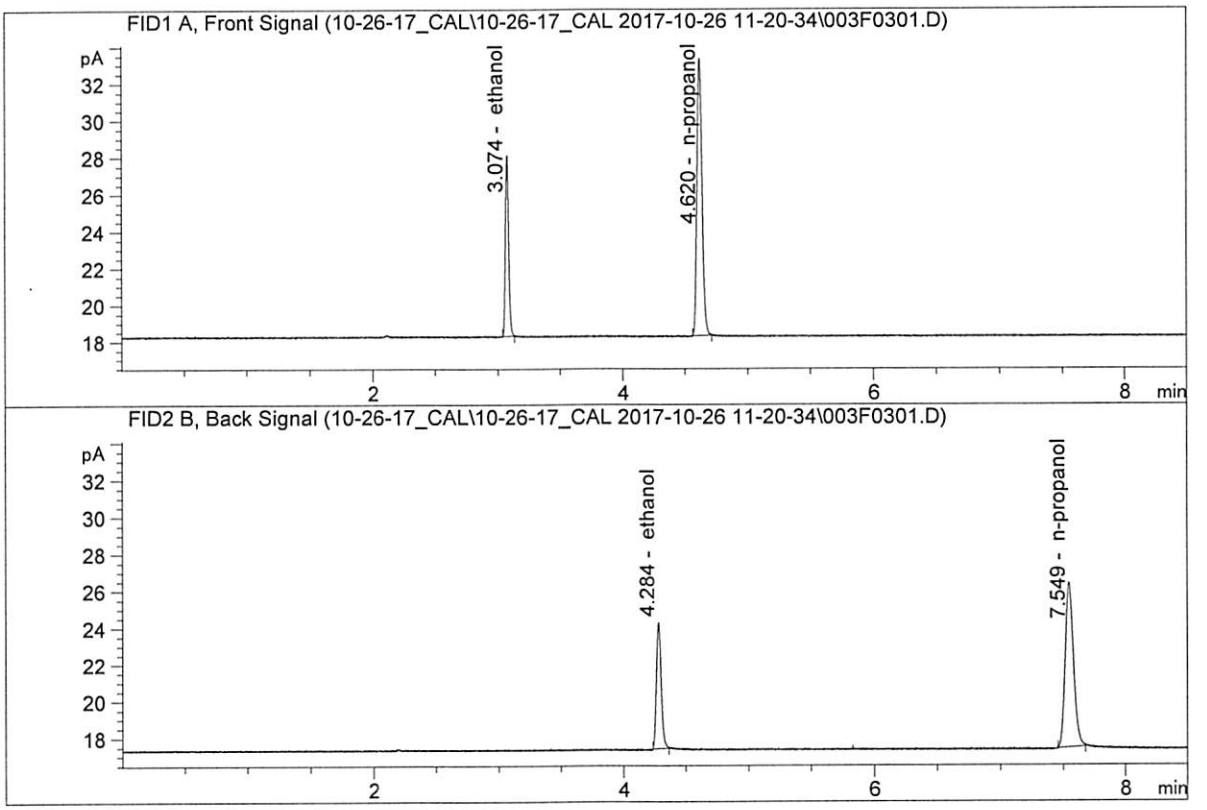
Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.90608	0.0997	g/100cc
2.	Ethanol	Column 2:	8.91067	0.0962	g/100cc
3.	n-Propanol	Column 1:	42.25084	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.58066	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN12011401
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

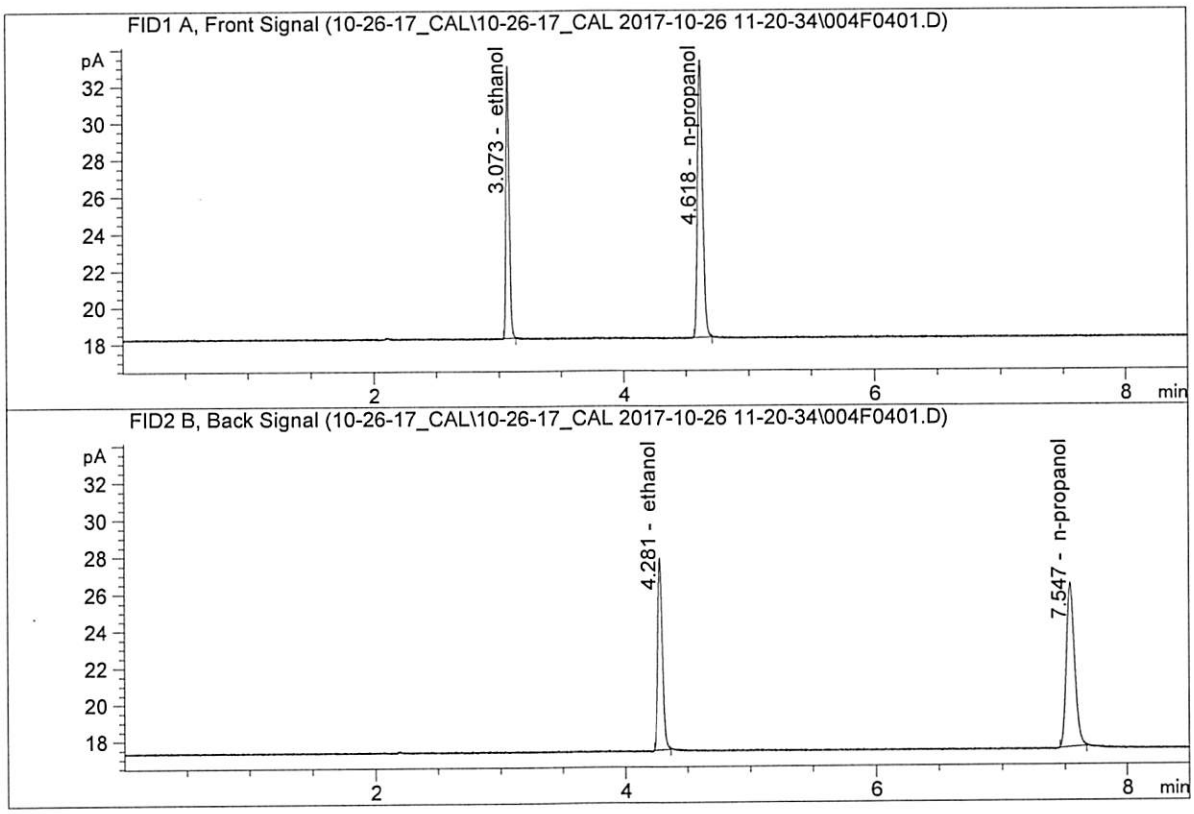


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.02562	0.1995	g/100cc
2.	Ethanol	Column 2:	18.26171	0.1957	g/100cc
3.	n-Propanol	Column 1:	42.74223	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.87545	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN06051501
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

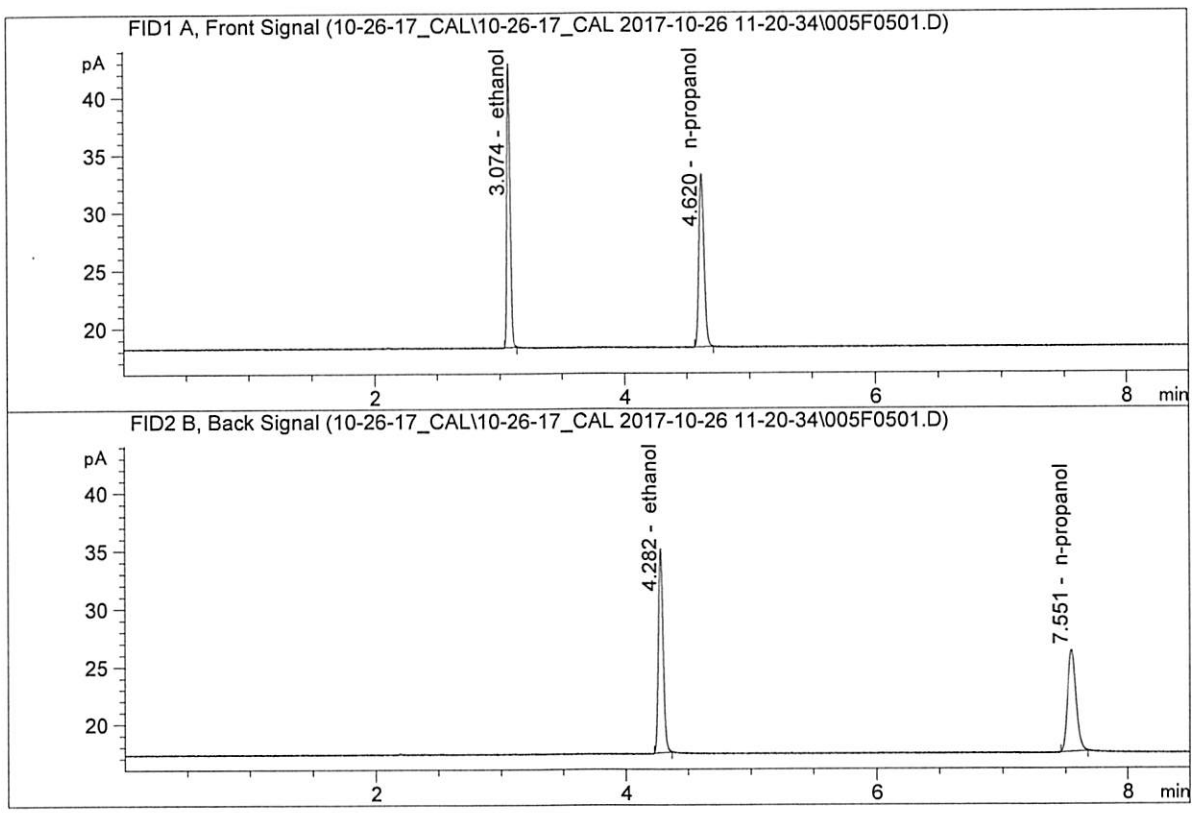


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.11174	0.2996	g/100cc
2.	Ethanol	Column 2:	27.67791	0.2968	g/100cc
3.	n-Propanol	Column 1:	42.81770	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.84713	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

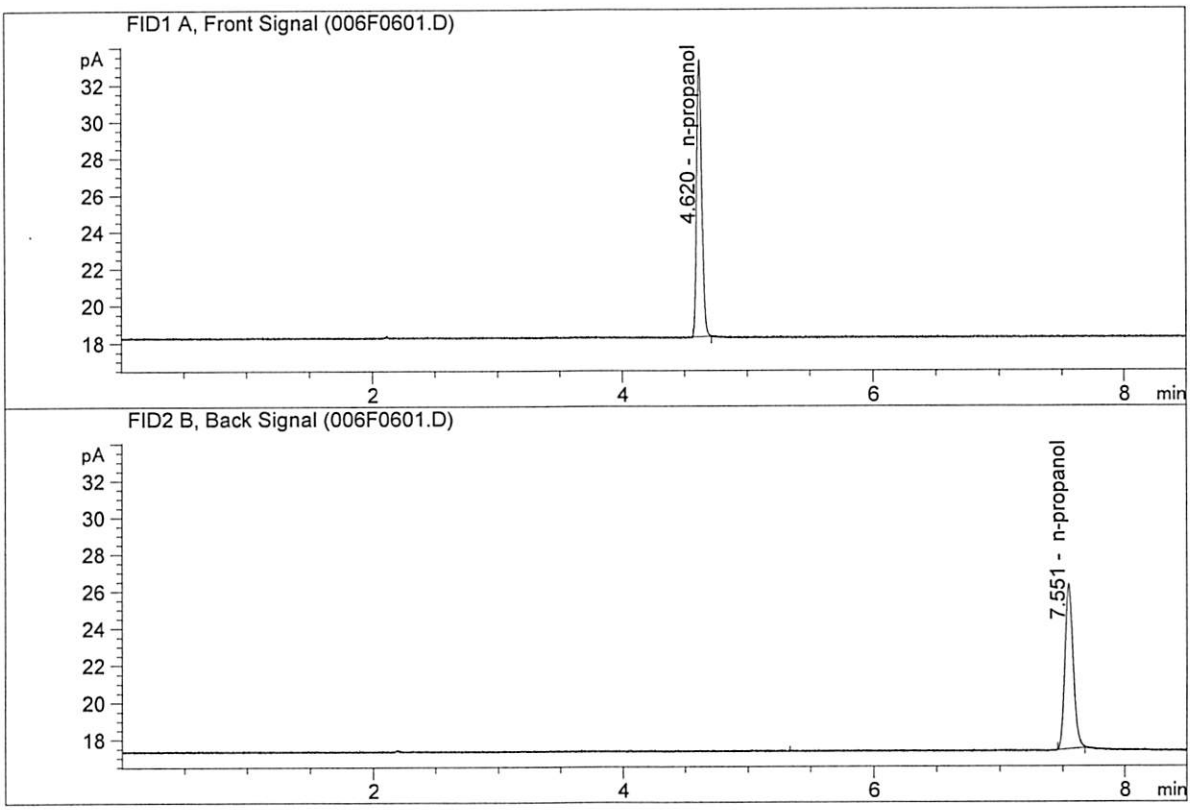


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.80466	0.5006	g/100cc
2.	Ethanol	Column 2:	46.41479	0.5046	g/100cc
3.	n-Propanol	Column 1:	42.34623	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.25900	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Oct 26, 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:	42.58516	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.59763	1.0000	g/100cc

MB

Sequence File C:\Chem32\1\Data\10-26-17_CAL\10-26-17_CAL 2017-10-26 11-20-34\10-26-17_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\10-26-17_CAL\10-26-17_CAL 2017-10-26 11-20-34\10-26-17_CAL.S
Data directory path: C:\Chem32\1\Data\10-26-17_CAL\10-26-17_CAL 2017-10-26 11-20-34\
Logbook: C:\Chem32\1\Data\10-26-17_CAL\10-26-17_CAL 2017-10-26 11-20-34\10-26-17_CAL.LOG
Sequence start: 10/26/2017 11:44:36 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\10-26-17_CAL\10-26-17_CAL 2017-10-26 11-20-34\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 FN12011401	-	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

master alcohol method updated
C:\Chem32\1\Methods\Alcohol.m
on 10/26/17
NB

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 26 Oct 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0765	0.0736	0.0029	0.0750	0.0751	
(g/100cc)	0.0767	0.0739	0.0028	0.0753		

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
0.075	**0.071**	**0.079**	**0.004**

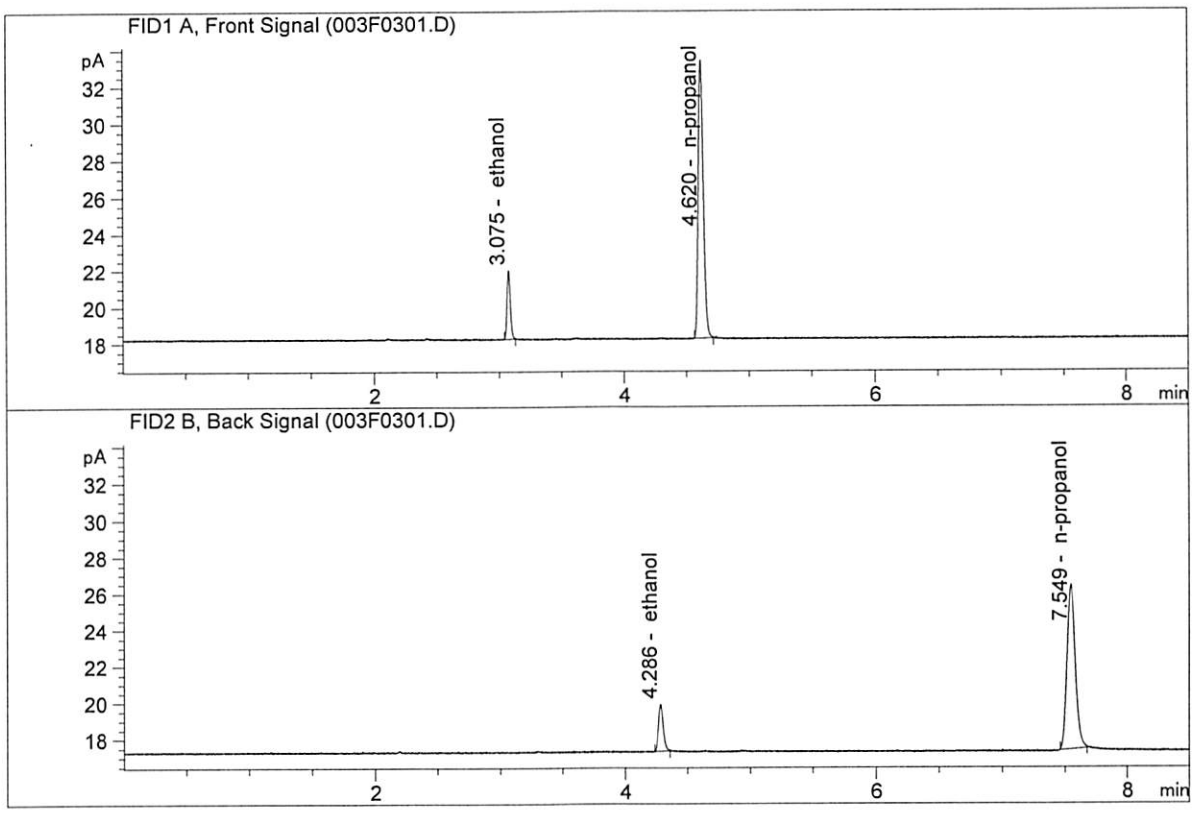
	Reported Result	
	0.075	

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

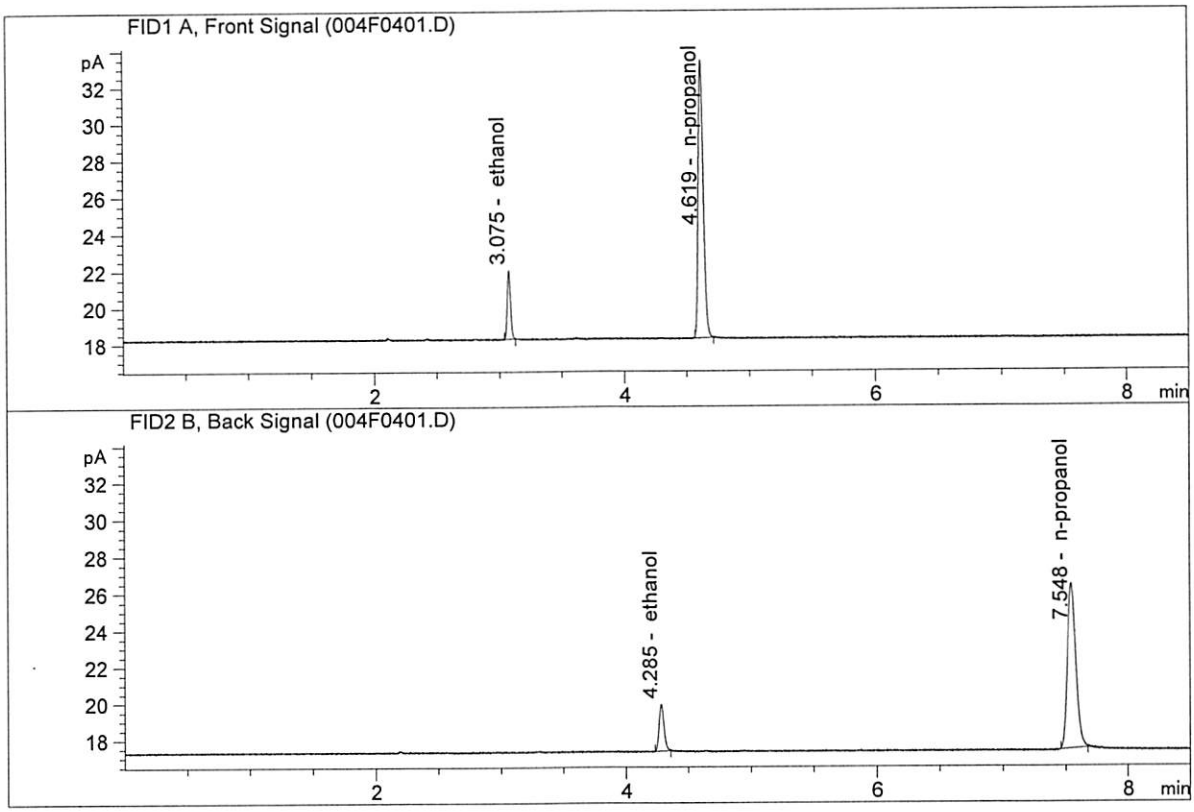


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.95153	0.0765	g/100cc
2.	Ethanol	Column 2:	6.88685	0.0736	g/100cc
3.	n-Propanol	Column 1:	43.00020	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.99890	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.95884	0.0767	g/100cc
2.	Ethanol	Column 2:	6.90879	0.0739	g/100cc
3.	n-Propanol	Column 1:	42.93770	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.92702	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 26 Oct 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0791	0.0766	0.0025	0.0778	0.0775	
(g/100cc)	0.0783	0.0761	0.0022	0.0772		

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**

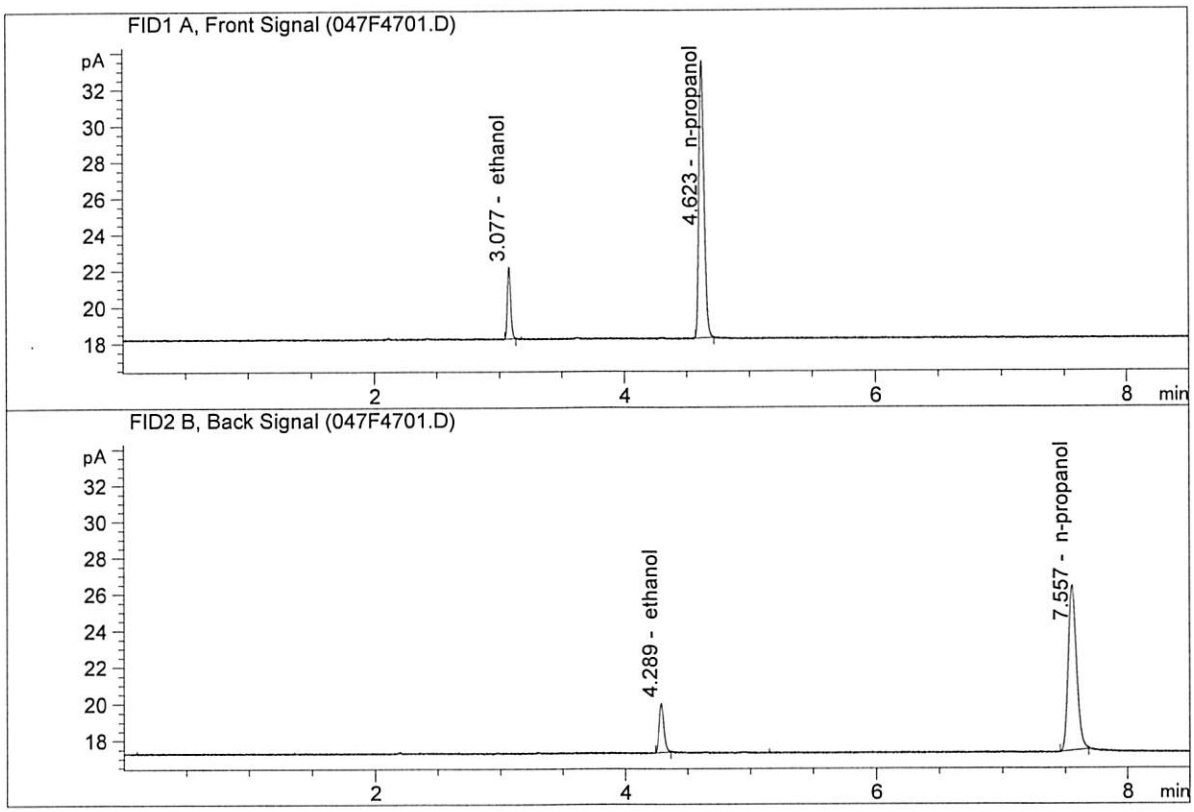
	Reported Result	
	0.077	

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

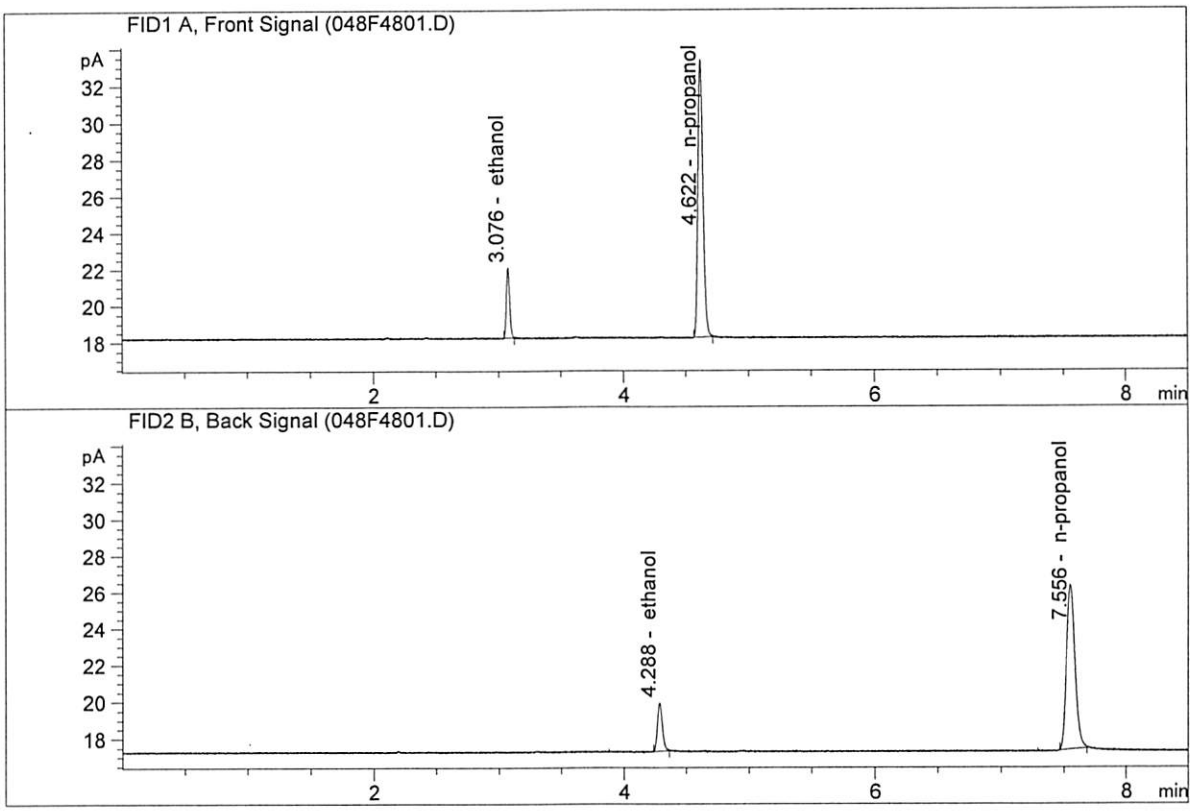


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.23571	0.0791	g/100cc
2.	Ethanol	Column 2:	7.23623	0.0766	g/100cc
3.	n-Propanol	Column 1:	43.30109	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.37830	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.11257	0.0783	g/100cc
2.	Ethanol	Column 2:	7.09806	0.0761	g/100cc
3.	n-Propanol	Column 1:	42.95087	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.83292	1.0000	g/100cc

MB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 26 Oct 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1999	0.1984	0.0015	0.1991	0.2000	
(g/100cc)	0.2016	0.2002	0.0014	0.2009		

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%**

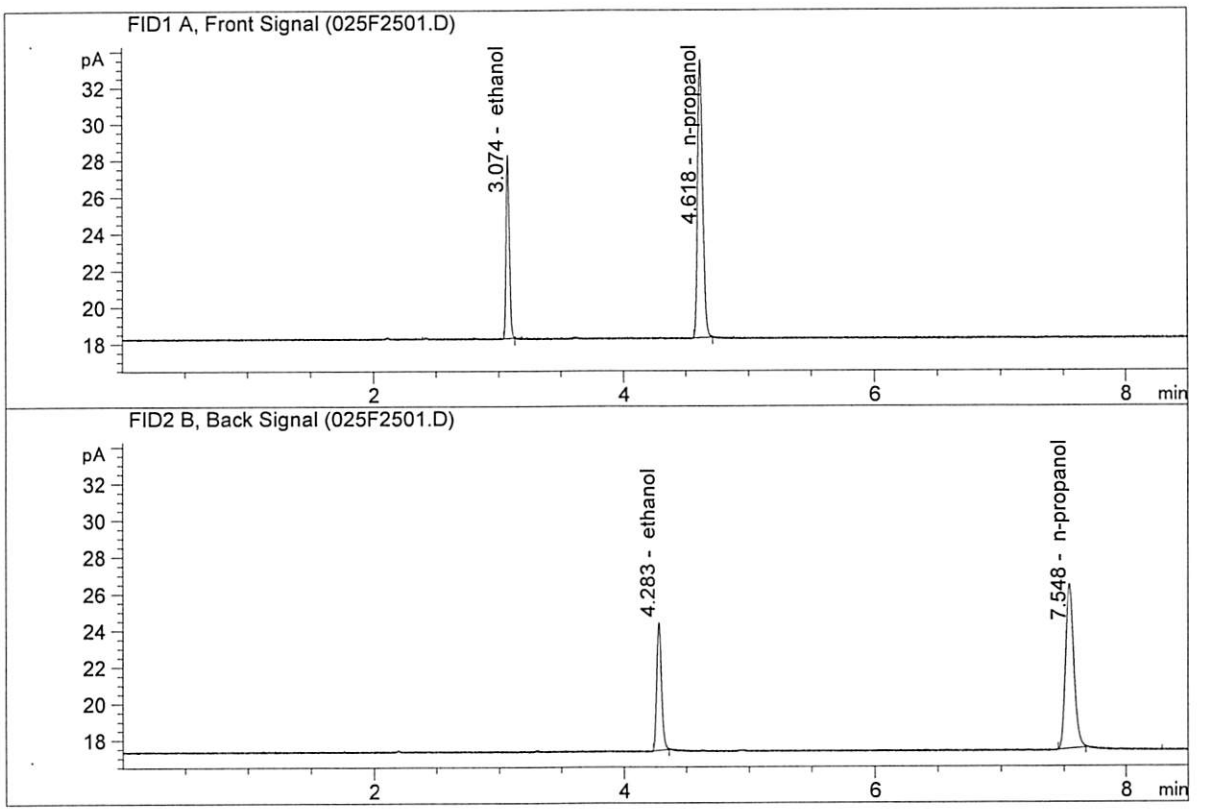
Overall Mean (g/100cc)	Low	High	5% of Mean
0.200	**0.190**	**0.210**	**0.010**

	Reported Result	
	0.200	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

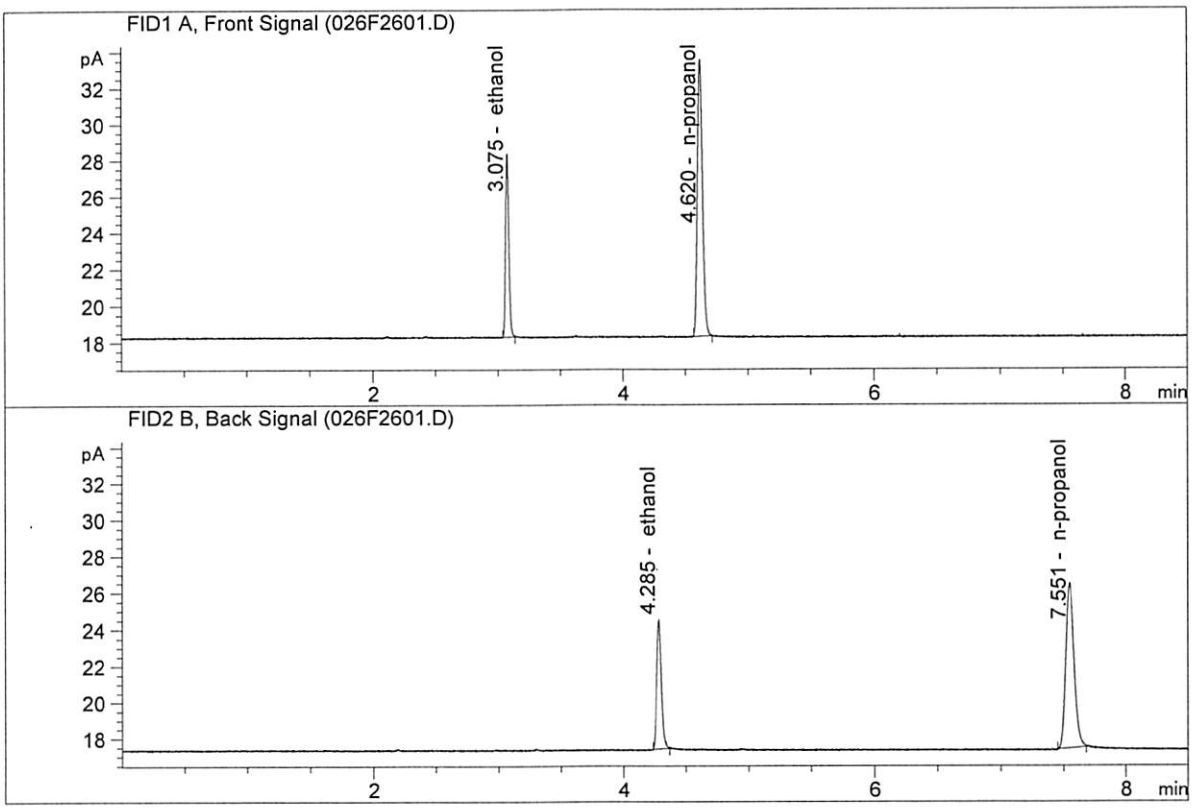


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.23555	0.1999	g/100cc
2.	Ethanol	Column 2:	18.61659	0.1984	g/100cc
3.	n-Propanol	Column 1:	43.16312	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.12159	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.46631	0.2016	g/100cc
2.	Ethanol	Column 2:	18.93258	0.2002	g/100cc
3.	n-Propanol	Column 1:	43.34730	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.45771	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 26 Oct 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2120	0.2116	0.0004	0.2118	0.2113	
(g/100cc)	0.2114	0.2103	0.0011	0.2108		

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
0.211	**0.200**	**0.222**	**0.011**

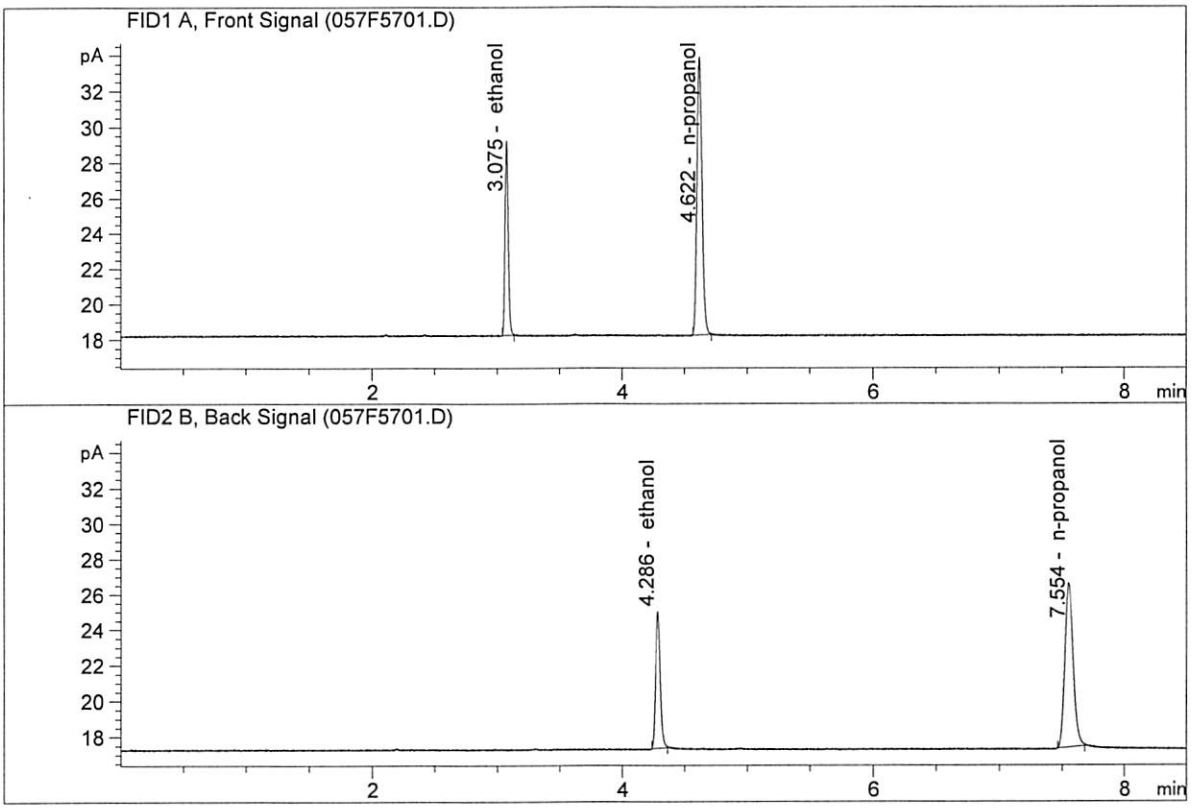
	Reported Result	
	0.211	

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

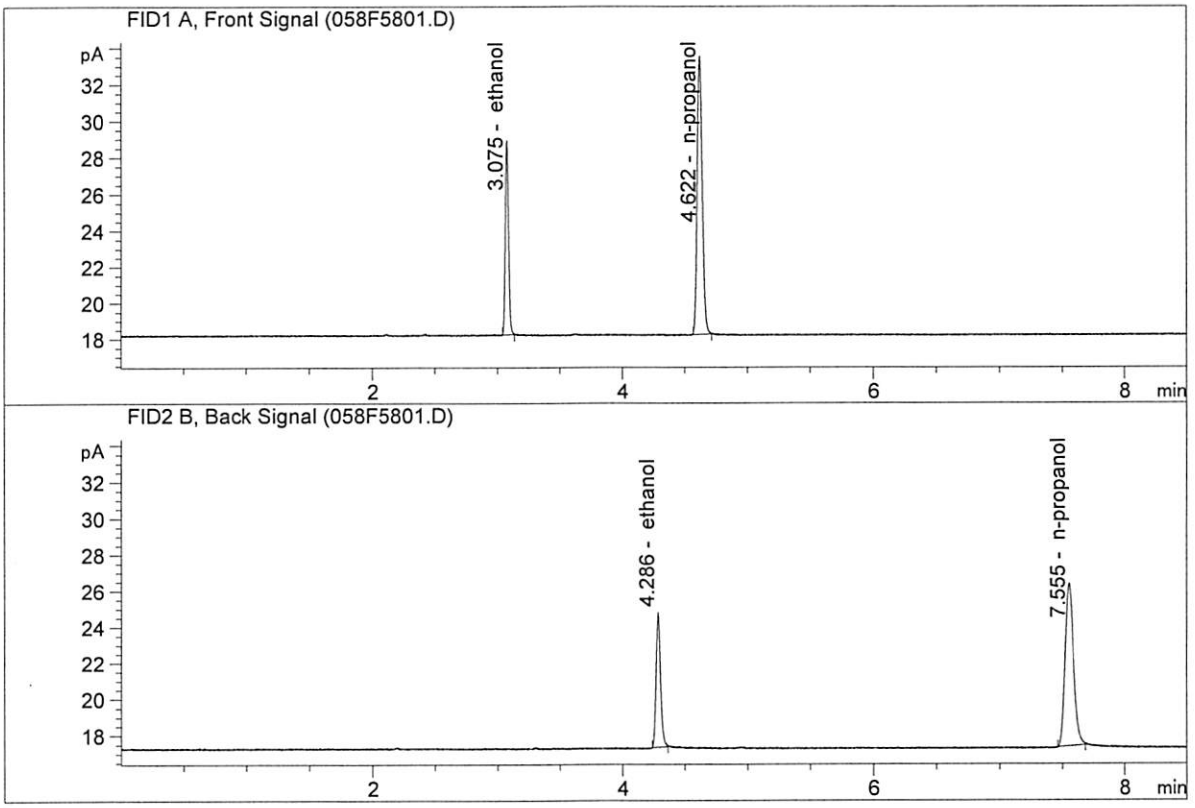


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.80760	0.2120	g/100cc
2.	Ethanol	Column 2:	20.20902	0.2116	g/100cc
3.	n-Propanol	Column 1:	44.20718	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.87311	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.33721	0.2114	g/100cc
2.	Ethanol	Column 2:	19.70137	0.2103	g/100cc
3.	n-Propanol	Column 1:	43.27587	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.04409	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 26 Oct 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0788	0.0760	0.0028	0.0774	0.0776	
(g/100cc)	0.0794	0.0762	0.0032	0.0778		

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**

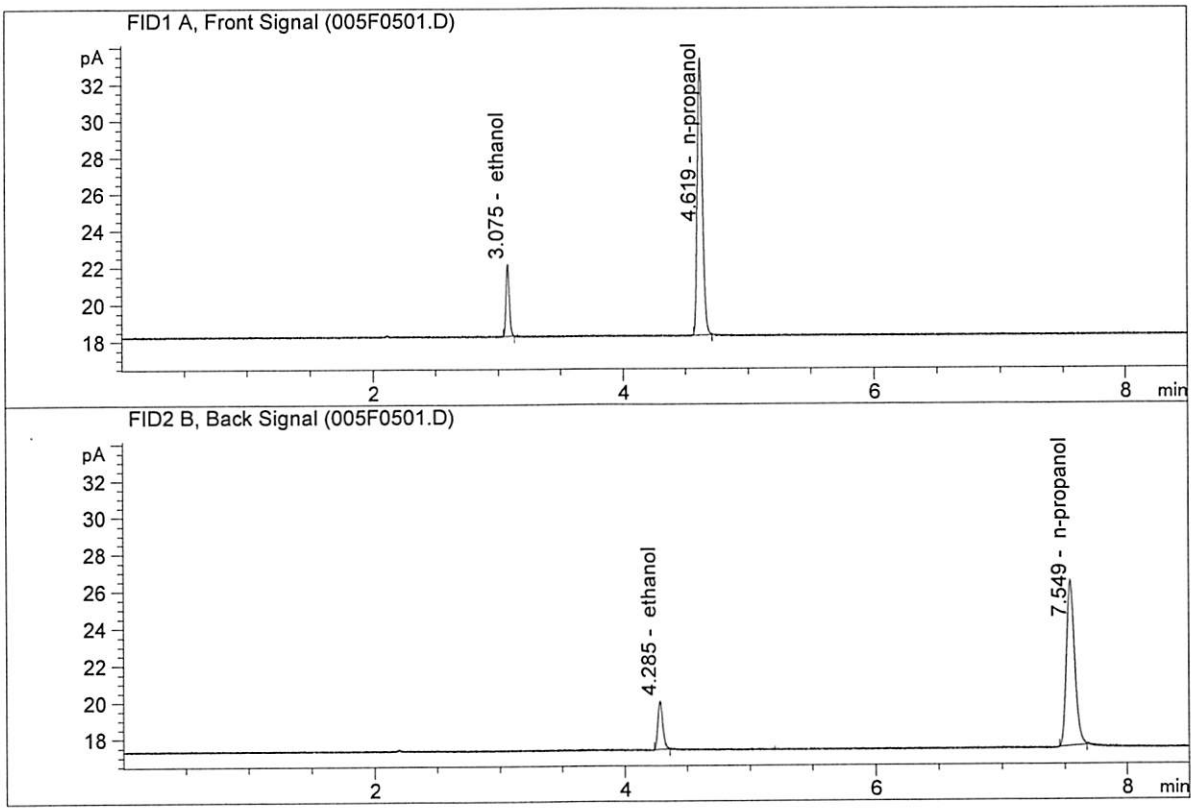
	Reported Result	
	0.077	

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

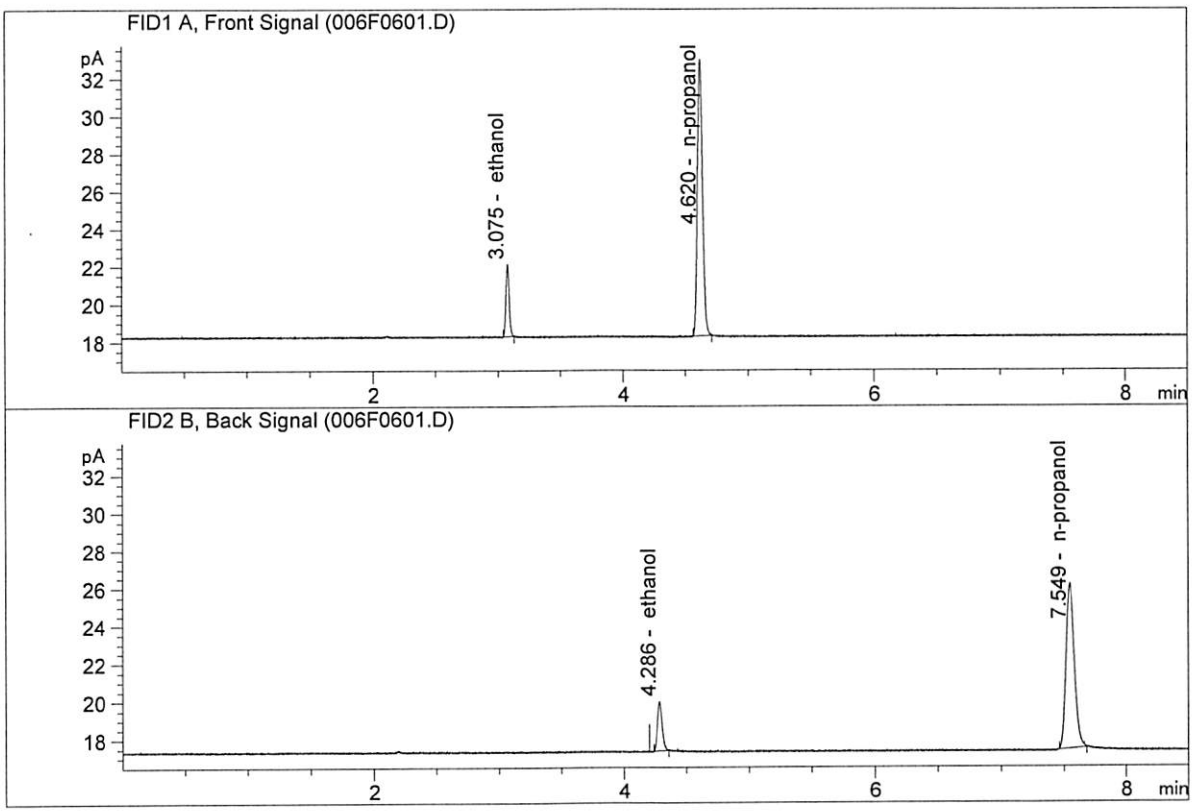


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.14400	0.0788	g/100cc
2.	Ethanol	Column 2:	7.10352	0.0760	g/100cc
3.	n-Propanol	Column 1:	42.91402	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.95869	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

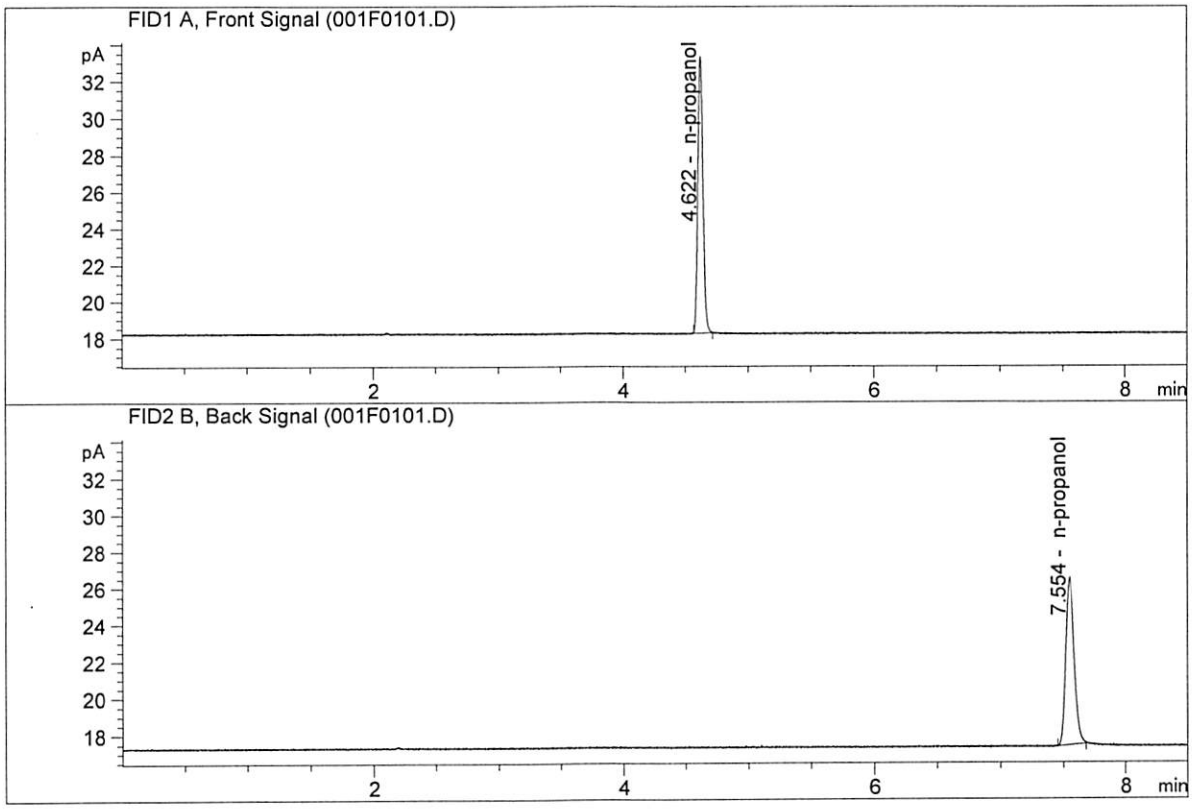


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.01466	0.0794	g/100cc
2.	Ethanol	Column 2:	6.92995	0.0762	g/100cc
3.	n-Propanol	Column 1:	41.77328	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.80827	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

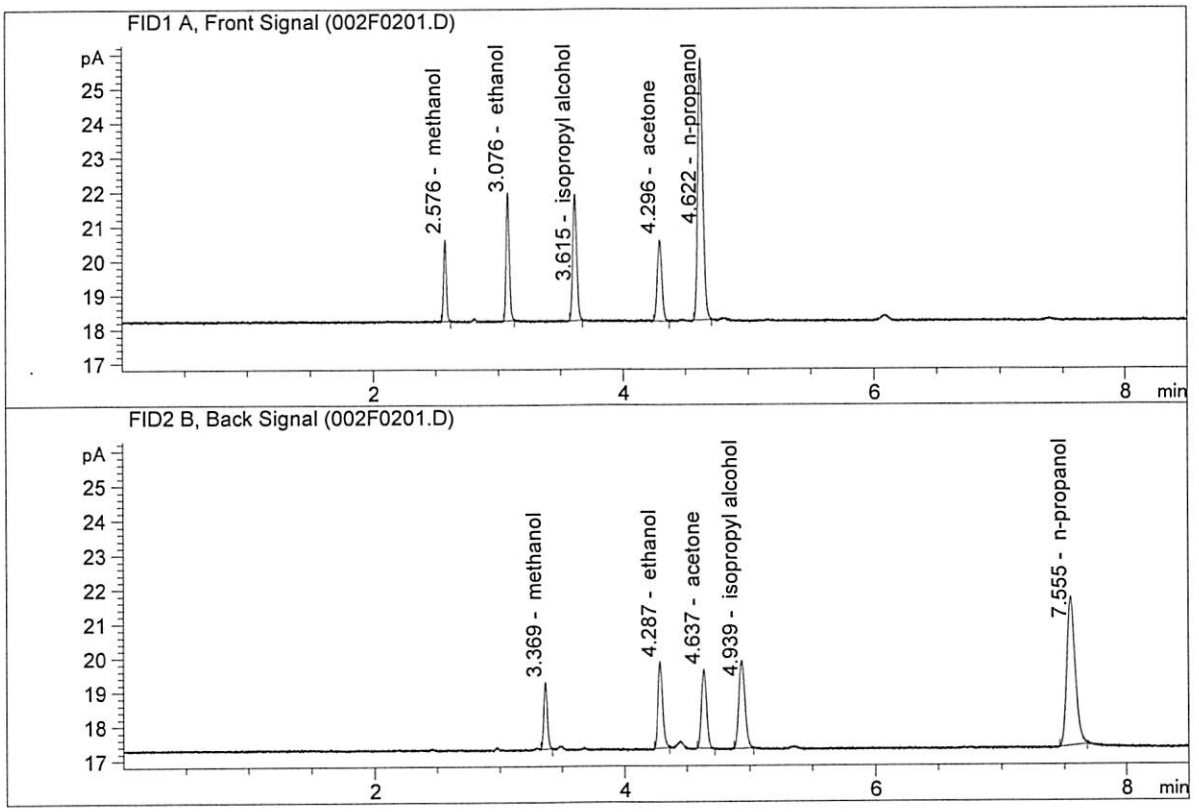


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	43.00698	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.52082	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN09231404
Laboratory : Meridian
Injection Date : Oct 26, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

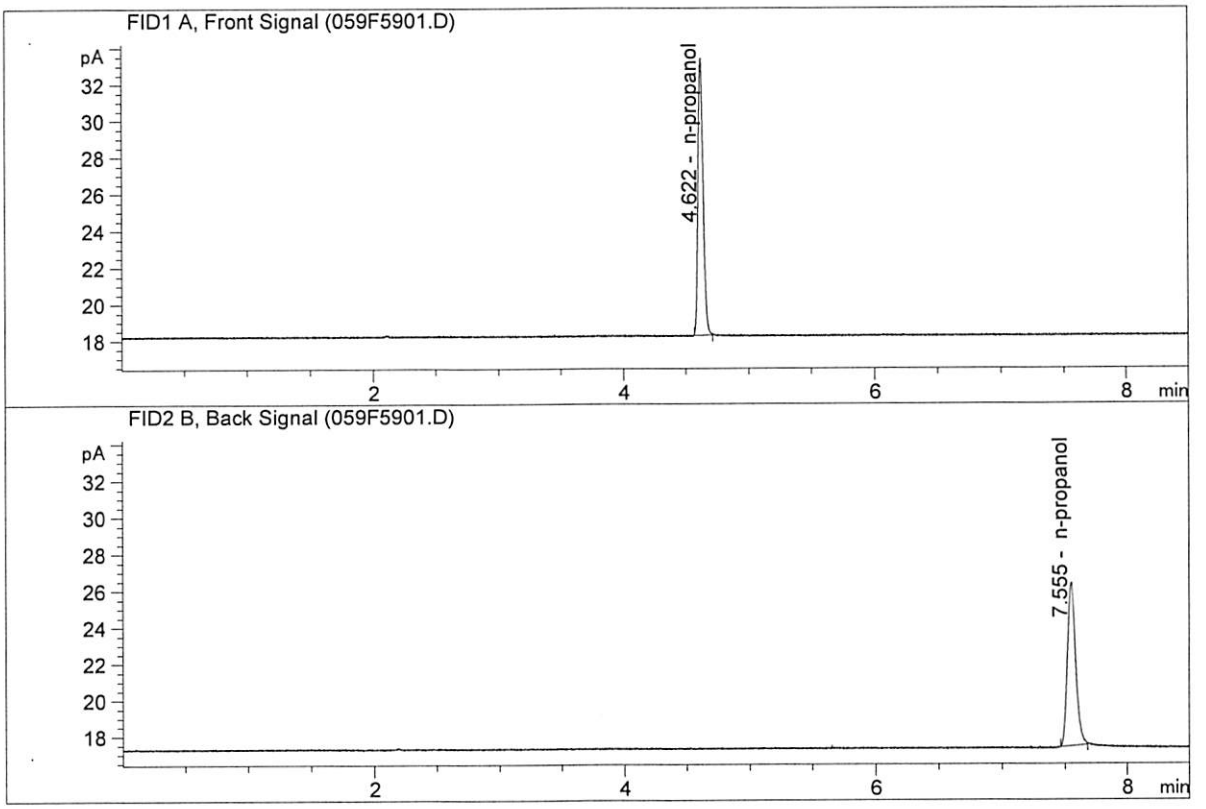


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.67135	0.1467	g/100cc
2.	Ethanol	Column 2:	6.65655	0.1455	g/100cc
3.	n-Propanol	Column 1:	21.51226	1.0000	g/100cc
4.	n-Propanol	Column 2:	21.01927	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Oct 26, 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:	42.86864	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.64725	1.0000	g/100cc

NB

Sample Summary

Sequence table: C:\Chem32\1\Data\10-26-17_SAMPLES\10-26-17_SAMPLES 2017-10-26 13-03-40\10 26-17_SAMPLES.S
Data directory path: C:\Chem32\1\Data\10-26-17_SAMPLES\10-26-17_SAMPLES 2017-10-26 13-03-40\
Logbook: C:\Chem32\1\Data\10-26-17_SAMPLES\10-26-17_SAMPLES 2017-10-26 13-03-40\10 26-17_SAMPLES.LOG
Sequence start: 10/26/2017 1:18:29 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\10-26-17_SAMPLES\10-26-17_SAMPLES 2017-10-26 13-03-40 \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	M2017-4656-2-A	-	1.0000	007F0701.D		6
8	8	1	M2017-4656-2-B	-	1.0000	008F0801.D		6
9	9	1	M2017-4811-1-A	-	1.0000	009F0901.D		2
10	10	1	M2017-4811-1-B	-	1.0000	010F1001.D		2
11	11	1	M2017-4812-1-A	-	1.0000	011F1101.D		4
12	12	1	M2017-4812-1-B	-	1.0000	012F1201.D		4
13	13	1	M2017-4813-1-A	-	1.0000	013F1301.D		6
14	14	1	M2017-4813-1-B	-	1.0000	014F1401.D		6
15	15	1	M2017-4823-1-A	-	1.0000	015F1501.D		4
16	16	1	M2017-4823-1-B	-	1.0000	016F1601.D		6
17	17	1	M2017-4824-1-A	-	1.0000	017F1701.D		6
18	18	1	M2017-4824-1-B	-	1.0000	018F1801.D		6
19	19	1	M2017-4826-1-A	-	1.0000	019F1901.D		6
20	20	1	M2017-4826-1-B	-	1.0000	020F2001.D		6
21	21	1	M2017-4853-1-A	-	1.0000	021F2101.D		2
22	22	1	M2017-4853-1-B	-	1.0000	022F2201.D		2
23	23	1	M2017-4853-2-A	-	1.0000	023F2301.D		2
24	24	1	M2017-4853-2-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	M2017-4854-1-A	-	1.0000	027F2701.D		4
28	28	1	M2017-4854-1-B	-	1.0000	028F2801.D		4
29	29	1	M2017-4855-1-A	-	1.0000	029F2901.D		6
30	30	1	M2017-4855-1-B	-	1.0000	030F3001.D		6
31	31	1	M2017-4860-1-A	-	1.0000	031F3101.D		6
32	32	1	M2017-4860-1-B	-	1.0000	032F3201.D		6
33	33	1	M2017-4862-1-A	-	1.0000	033F3301.D		6
34	34	1	M2017-4862-1-B	-	1.0000	034F3401.D		6
35	35	1	M2017-4863-1-A	-	1.0000	035F3501.D		6
36	36	1	M2017-4863-1-B	-	1.0000	036F3601.D		6
37	37	1	M2017-4872-1-A	-	1.0000	037F3701.D		2
38	38	1	M2017-4872-1-B	-	1.0000	038F3801.D		2
39	39	1	M2017-4873-1-A	-	1.0000	039F3901.D		6
40	40	1	M2017-4873-1-B	-	1.0000	040F4001.D		6
41	41	1	M2017-4900-1-A	-	1.0000	041F4101.D		4
42	42	1	M2017-4900-1-B	-	1.0000	042F4201.D		4
43	43	1	M2017-4912-1-A	-	1.0000	043F4301.D		4

NB

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2017-4912-1-B	-	1.0000	044F4401.D	4
45	45	1	M2017-4920-1-A	-	1.0000	045F4501.D	4
46	46	1	M2017-4920-1-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	M2017-4928-1-A	-	1.0000	049F4901.D	6
50	50	1	M2017-4928-1-B	-	1.0000	050F5001.D	6
51	51	1	M2017-4946-1-A	-	1.0000	051F5101.D	2
52	52	1	M2017-4946-1-B	-	1.0000	052F5201.D	2
53	53	1	M2017-4961-1-A	-	1.0000	053F5301.D	6
54	54	1	M2017-4961-1-B	-	1.0000	054F5401.D	6
55	55	1	M2017-4964-1-A	-	1.0000	055F5501.D	4
56	56	1	M2017-4964-1-B	-	1.0000	056F5601.D	4
57	57	1	QC2-2-A	-	1.0000	057F5701.D	4
58	58	1	QC2-2-B	-	1.0000	058F5801.D	4
59	59	1	INTERNAL STD BLK	-	1.0000	059F5901.D	2

Method file name: C:\Chem32\1\Data\10-26-17_SAMPLES\10-26-17_SAMPLES 2017-10-26 13-03-40\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
60	60	1	EMPTY	-	1.0000	060F6001.D	0