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

Run Date(s): 9/12/17

Volatiles Quality Assurance Controls **calibration: 9/12/17**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702 - 0.0858	0.0753 g/100cc
					0.0773 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818 - 0.2222	0.1995 g/100cc
					0.2053 g/100cc
					g/100cc
Multi-Component mixture:		**Exp date: Oct 2019**	**Lot #**	FN09231404	OK
Curve Fit:			**Column 1**	0.99997 **Column2**	0.99981

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	0.0486	0.0460	0.0026	0.0473
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.0981	0.0945	0.0036	0.0963
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1970	0.1935	0.0035	0.1952
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.2988	0.2957	0.0031	0.2972
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5025	0.5067	0.0042	0.5046

Aqueous Controls					
Control level	**Expiration**	**Cerilliant Lot #**	**Target Value**	**Acceptable Range**	**Overall Results**
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.078 g/100cc

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

Issued: 4/22/2015
Volatiles QA/QC data spreadsheet Rev 5
Issuing Authority: Quality Manager

NB

Worklist: 1891

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-4078	1	93591	Alcohol Analysis
M2017-4079	1	93597	Alcohol Analysis
M2017-4080	1	93602	Alcohol Analysis
M2017-4083	1	93634	Alcohol Analysis
M2017-4101	1	93807	Alcohol Analysis
M2017-4102	1	93811	Alcohol Analysis
M2017-4103	1	93812	Alcohol Analysis
M2017-4110	2	93830	Alcohol Analysis
M2017-4113	1	93858	Alcohol Analysis
M2017-4117	1	93883	Alcohol Analysis
M2017-4117	2	94575	Alcohol Analysis
M2017-4118	1	93887	Alcohol Analysis
M2017-4120	21	93909	Alcohol Analysis
M2017-4121	1	93913	Alcohol Analysis
M2017-4130	1	93983	Alcohol Analysis
M2017-4132	1	93988	Alcohol Analysis
M2017-4148	1	94087	Alcohol Analysis
M2017-4152	1	94094	Alcohol Analysis
M2017-4156	1	94143	Alcohol Analysis
M2017-4157	1	94147	Alcohol Analysis
M2017-4158	1	94148	Alcohol Analysis
M2017-4173	1	94190	Alcohol Analysis
M2017-4174	1	94198	Alcohol Analysis

NB

Worklist: 1891

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-4175	1	94199	Alcohol Analysis

NB

Calibration Table

General Calibration Setting

Calib. Data Modified : Tuesday, September 12, 2017 11:27:10 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 : 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

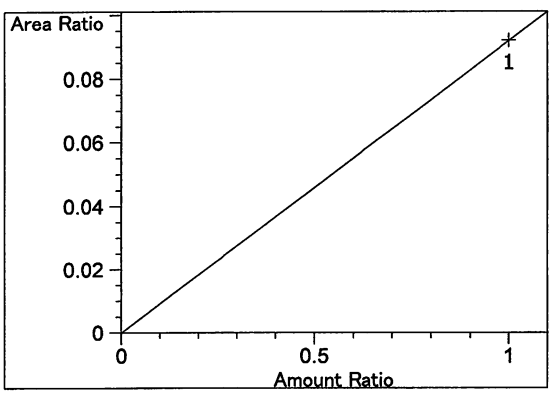
NB

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
3.073	1	1	5.00000e-2	4.24110	1.17894e-2	No	No	1	ethanol
		2	1.00000e-1	8.45468	1.18278e-2				
		3	2.00000e-1	16.87510	1.18518e-2				
		4	3.00000e-1	25.73605	1.16568e-2				
		5	5.00000e-1	43.29668	1.15482e-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	4.24285	1.17845e-2	No	No	2	ethanol
		2	1.00000e-1	8.47001	1.18064e-2				
		3	2.00000e-1	17.16740	1.16500e-2				
		4	3.00000e-1	26.33364	1.13923e-2				
		5	5.00000e-1	44.85263	1.11476e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.617	1	1	1.00000	40.20046	2.48753e-2	No	Yes	1	n-propanol
		2	1.00000	39.68890	2.51960e-2				
		3	1.00000	39.43798	2.53563e-2				
		4	1.00000	39.65158	2.52197e-2				
		5	1.00000	39.66722	2.52097e-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	40.78691	2.45177e-2	No	Yes	2	n-propanol
		2	1.00000	39.65588	2.52169e-2				
		3	1.00000	39.24088	2.54836e-2				
		4	1.00000	39.37551	2.53965e-2				
		5	1.00000	39.14603	2.55454e-2				

Peak Sum Table

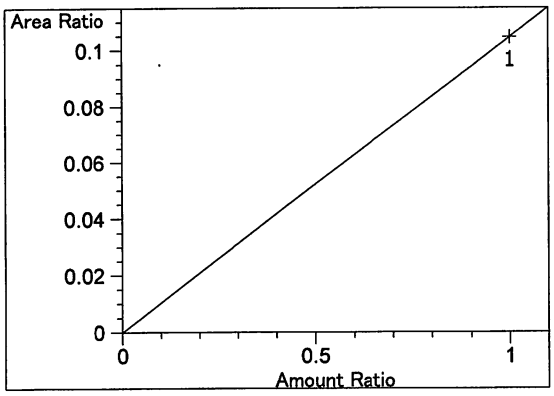
No Entries in table

Calibration Curves

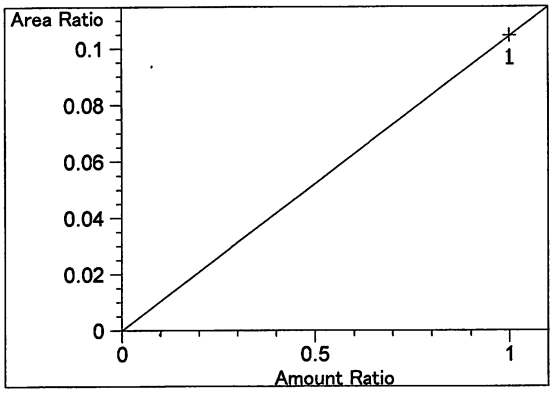


methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 9.19565e-2
x: Amount Ratio
y: Area Ratio

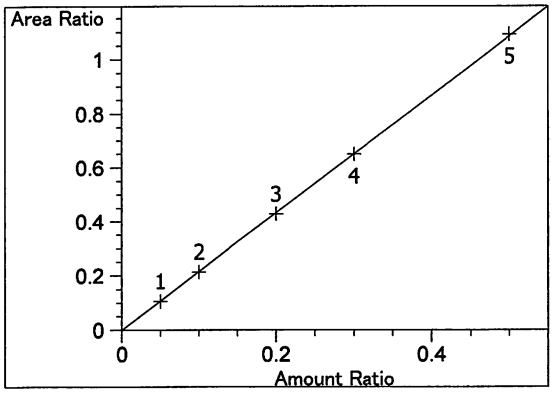
NB



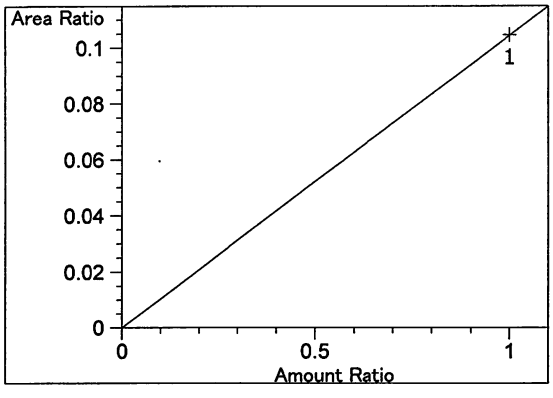
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.04470e-1
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.04470e-1
x: Amount Ratio
y: Area Ratio

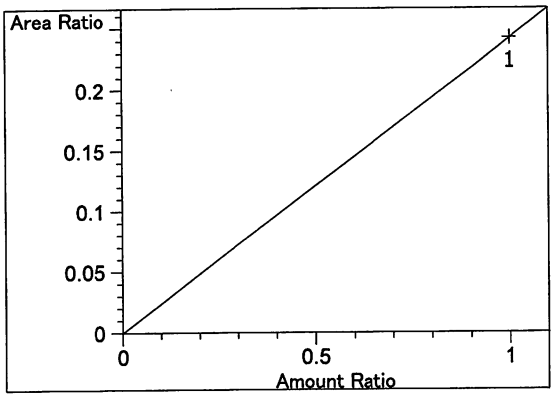


ethanol at exp. RT: 3.073
FID1 A, Front Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00515
Formula: y = mx
m: 2.17228
x: Amount Ratio
y: Area Ratio

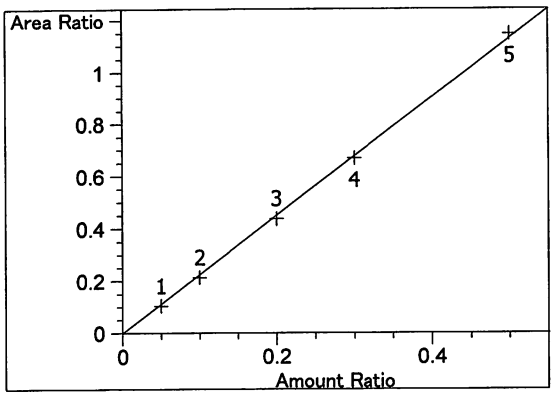


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.04461e-1
x: Amount Ratio
y: Area Ratio

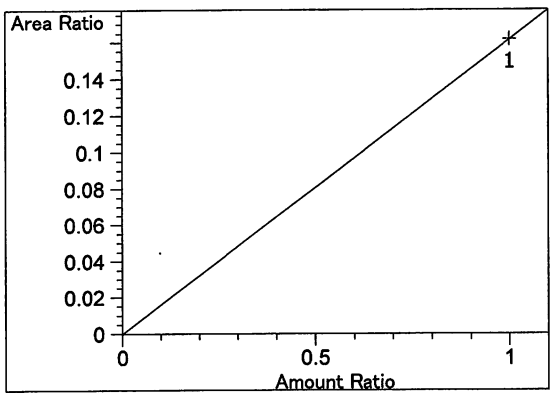
NB



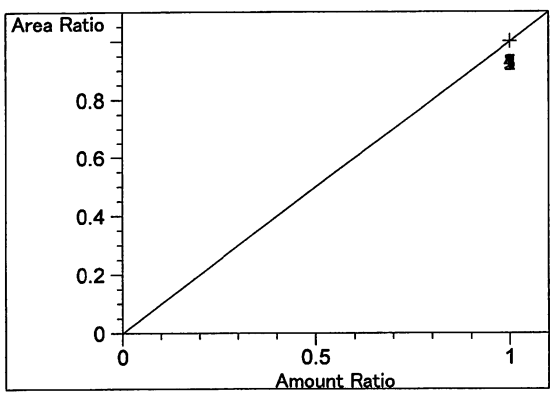
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 2.42051e-1
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99981
Residual Std. Dev.: 0.01395
Formula: y = mx
m: 2.26135
x: Amount Ratio
y: Area Ratio

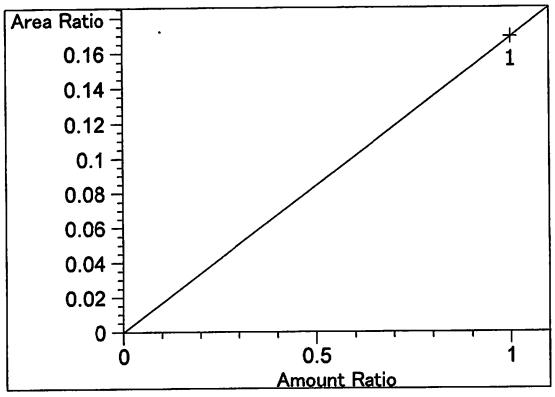


acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.61675e-1
x: Amount Ratio
y: Area Ratio

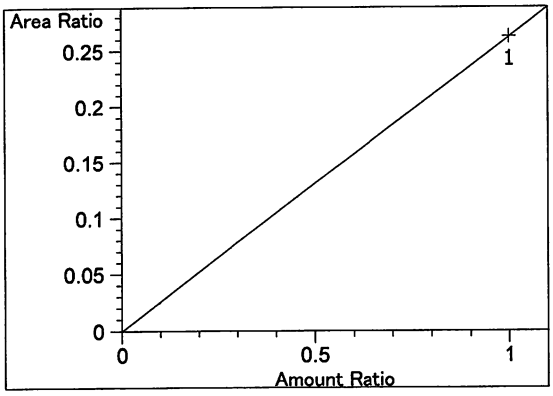


n-propanol at exp. RT: 4.617
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

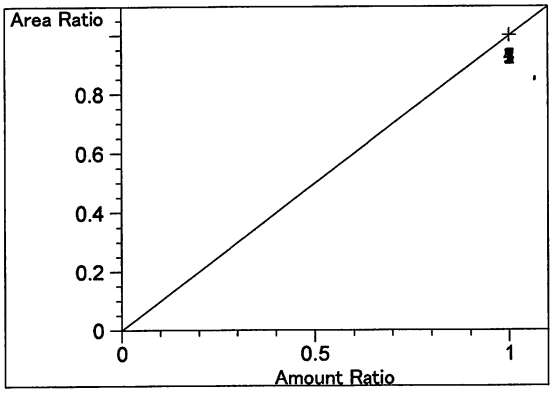
NB



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.69001e-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: 2.62496e-1
x: Amount Ratio
y: Area Ratio



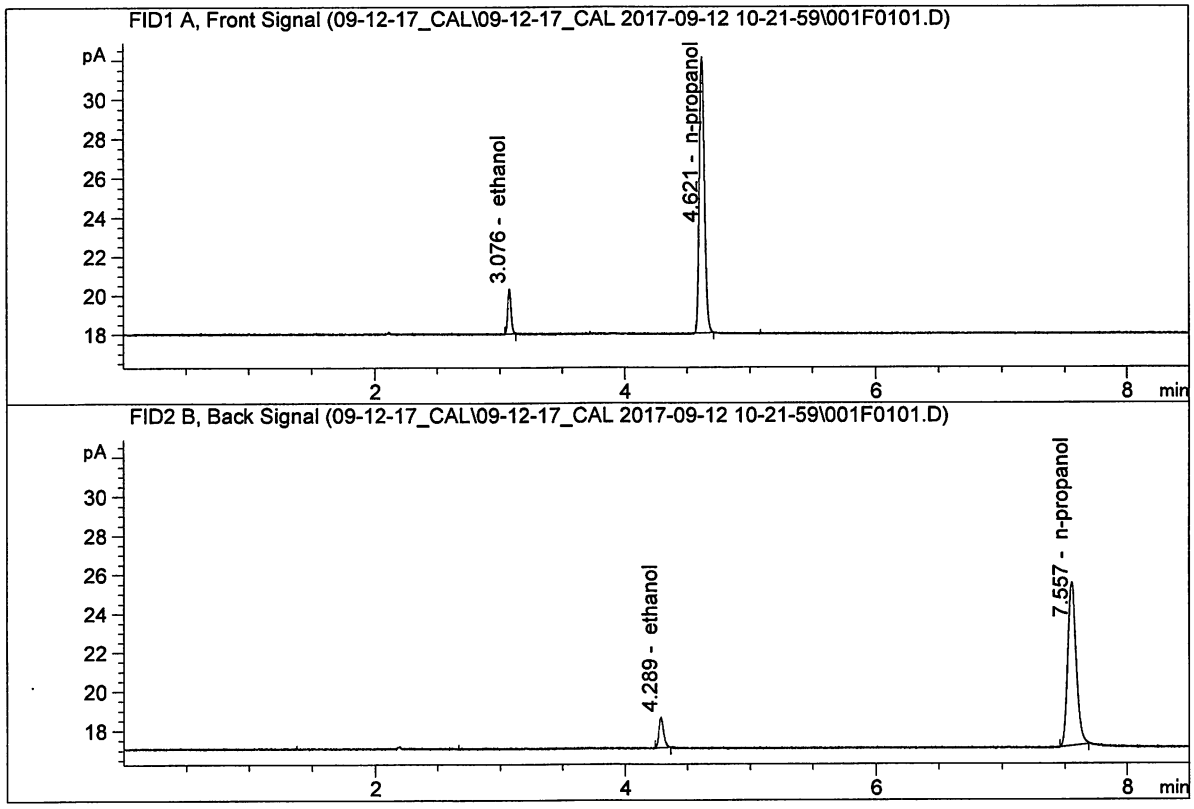
n-propanol at exp. RT: 7.549
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

==========

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

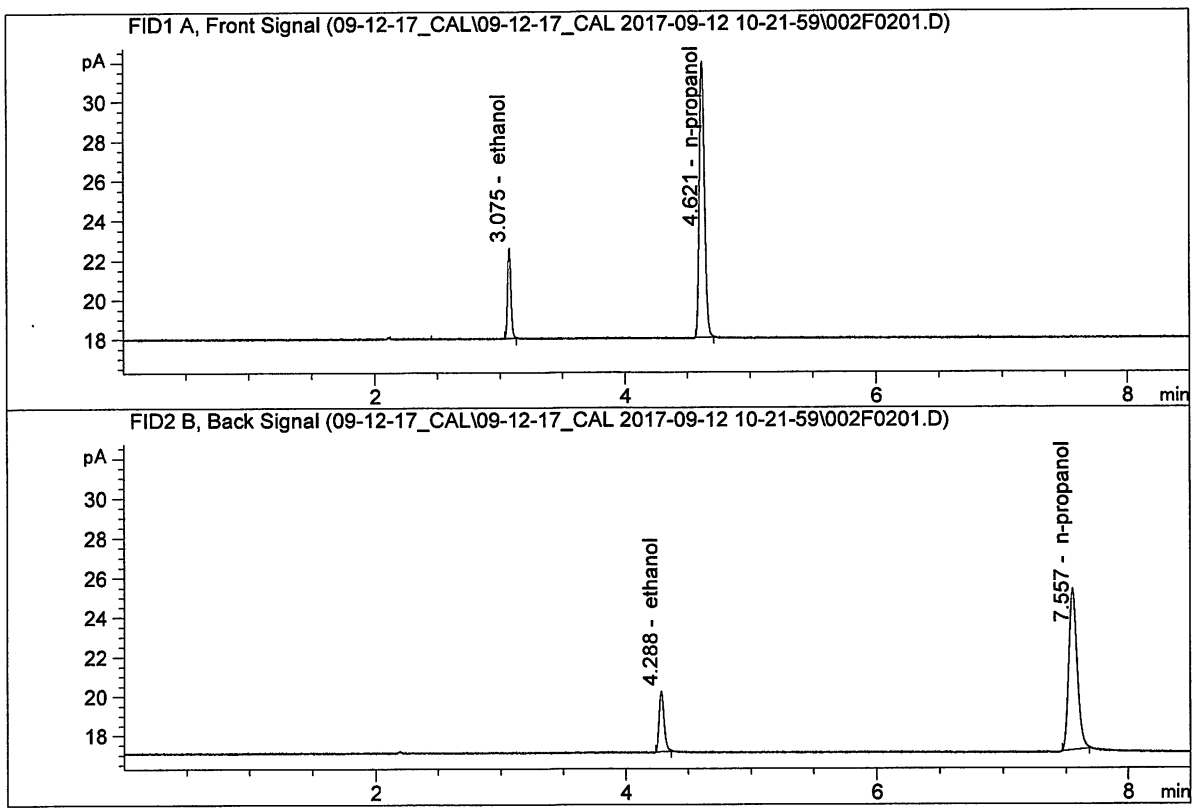


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.24110	0.0486	g/100cc
2.	Ethanol	Column 2:	4.24285	0.0460	g/100cc
3.	n-Propanol	Column 1:	40.20046	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.78691	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

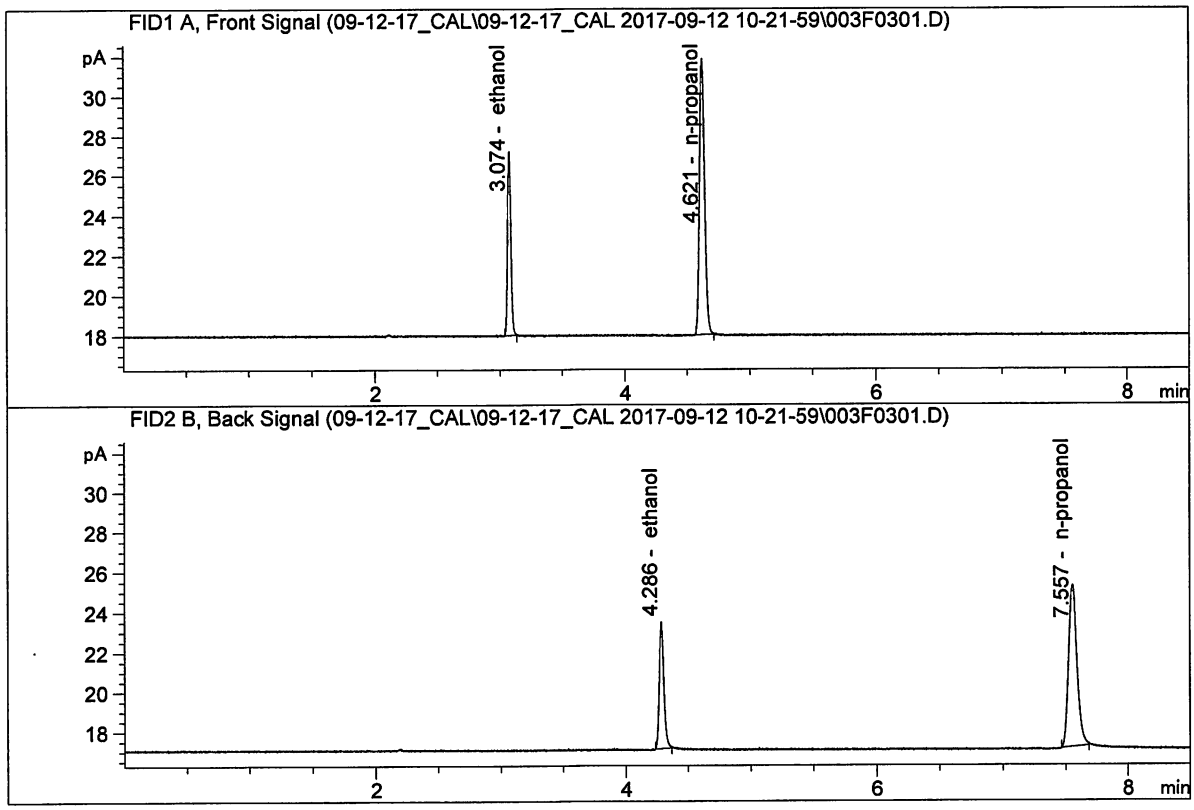


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.45468	0.0981	g/100cc
2.	Ethanol	Column 2:	8.47001	0.0945	g/100cc
3.	n-Propanol	Column 1:	39.68890	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.65588	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN12011401
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

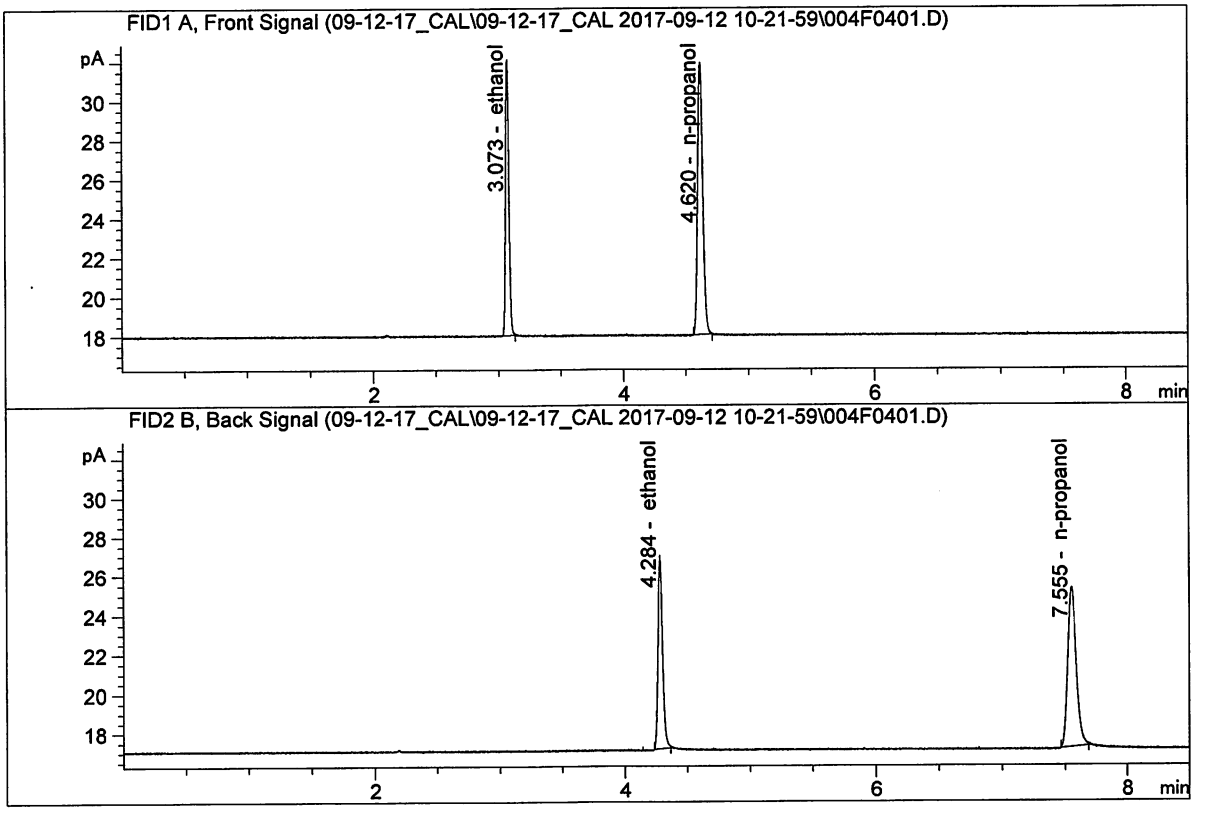


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.87510	0.1970	g/100cc
2.	Ethanol	Column 2:	17.16740	0.1935	g/100cc
3.	n-Propanol	Column 1:	39.43798	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.24088	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN02121601
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

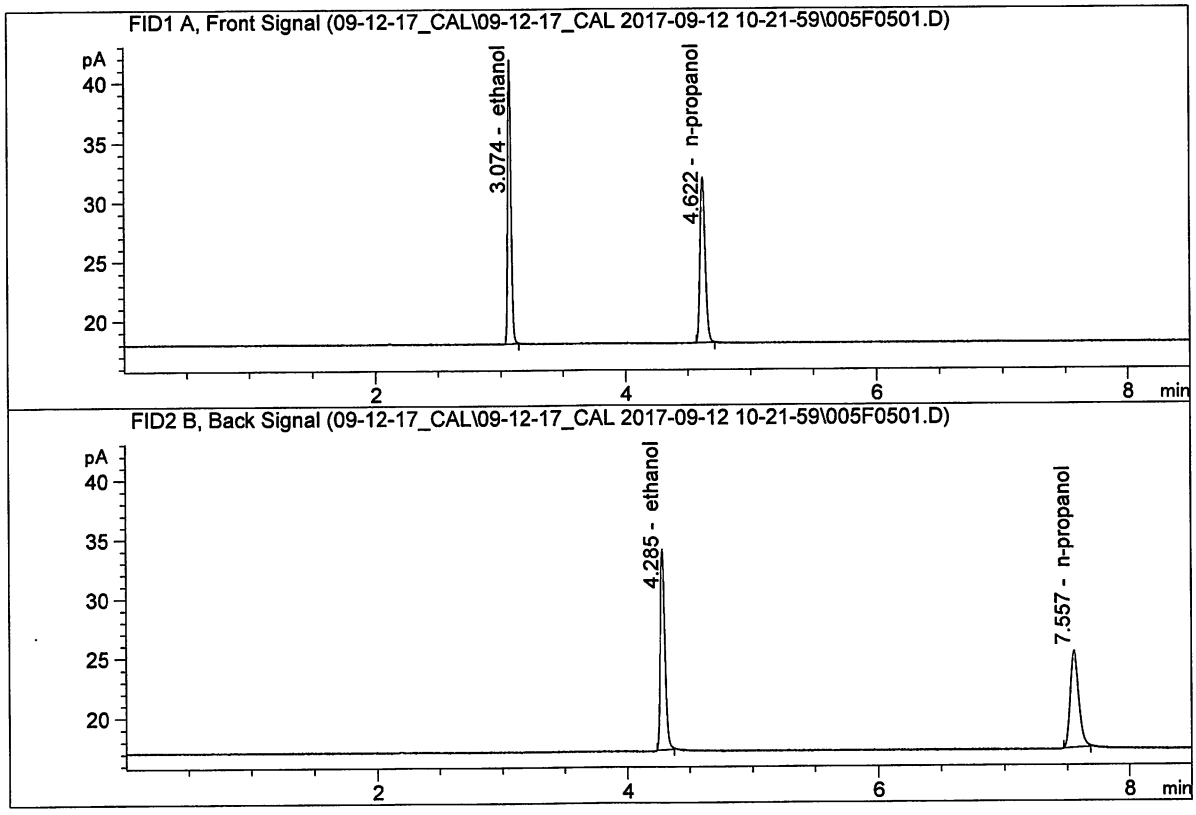


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	25.73605	0.2988	g/100cc
2.	Ethanol	Column 2:	26.33364	0.2957	g/100cc
3.	n-Propanol	Column 1:	39.65158	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.37551	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

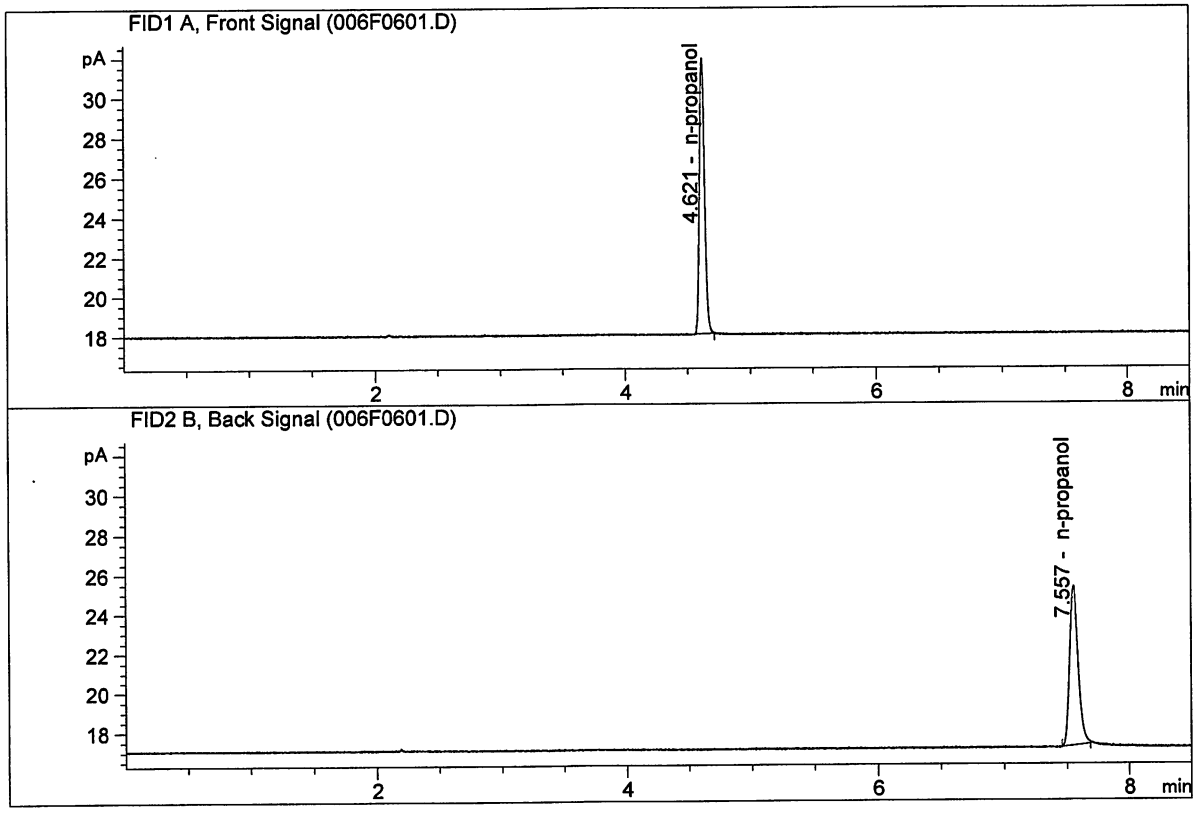


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.29668	0.5025	g/100cc
2.	Ethanol	Column 2:	44.85263	0.5067	g/100cc
3.	n-Propanol	Column 1:	39.66722	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.14603	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Sep 12, 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:	39.66848	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.47014	1.0000	g/100cc

NB

Sequence File C:\Chem32\1\Data\09-02-17_CAL\09-02-17_CAL 2017-09-12 10-21-59\09-02-17_CAL.S

12 NB 12 NB 12 NB

Sample Summary

Sequence table: C:\Chem32\1\Data\09-02-17_CAL\09-02-17_CAL 2017-09-12 10-21-59\09-02-17_CAL.S

Data directory path: C:\Chem32\1\Data\09-02-17_CAL\09-02-17_CAL 2017-09-12 10-21-59\

Logbook: C:\Chem32\1\Data\09-02-17_CAL\09-02-17_CAL 2017-09-12 10-21-59\09-02-17_CAL.LOG

Sequence start: 9/12/2017 10:36:38 AM

Sequence Operator: SYSTEM

Operator: SYSTEM

Method file name: C:\Chem32\1\Data\09-02-17_CAL\09-02-17_CAL 2017-09-12 10-21-59\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 FN02121601	-	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

Mistakenly created a "09-02-17_CAL" folder instead of "09-12-17_CAL" folder. I corrected the data names/ file path to reflect the Calibration run date.

Master alcohol method saved w/ this Calibration curve

NB 9/12/17

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 12 Sep 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0773	0.0744	0.0029	0.0758	0.0753	
(g/100cc)	0.0764	0.0734	0.0030	0.0749		

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

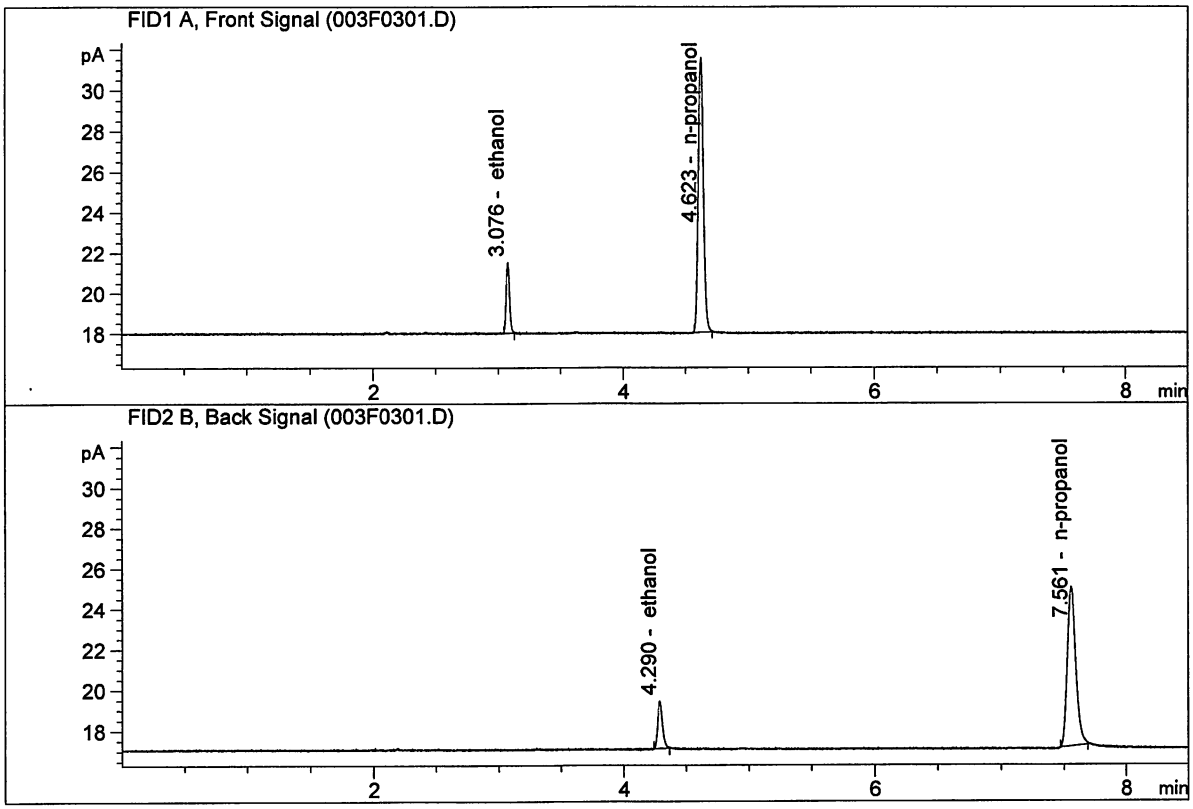
0.075

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

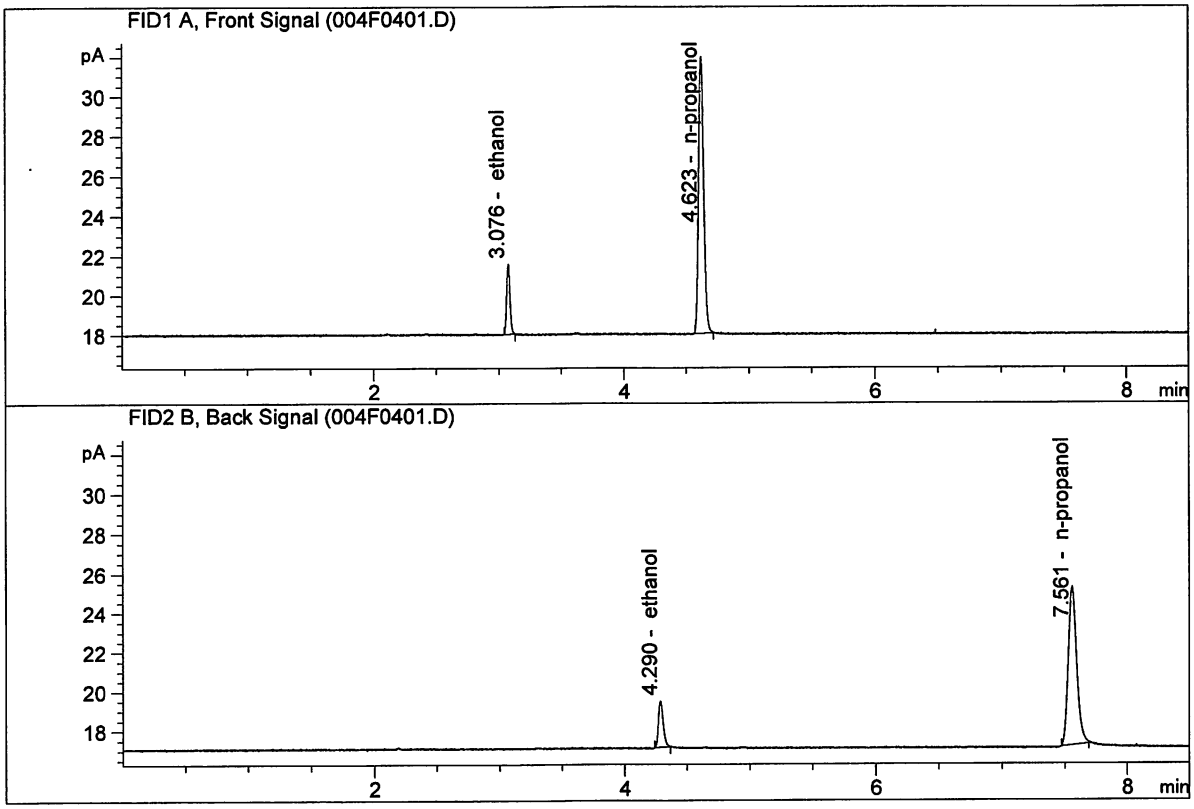


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.48923	0.0773	g/100cc
2.	Ethanol	Column 2:	6.41224	0.0744	g/100cc
3.	n-Propanol	Column 1:	38.62188	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.13503	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.59668	0.0764	g/100cc
2.	Ethanol	Column 2:	6.52227	0.0734	g/100cc
3.	n-Propanol	Column 1:	39.76422	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.31297	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 12 Sep 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0789	0.0761	0.0028	0.0775	0.0773	
(g/100cc)	0.0784	0.0760	0.0024	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

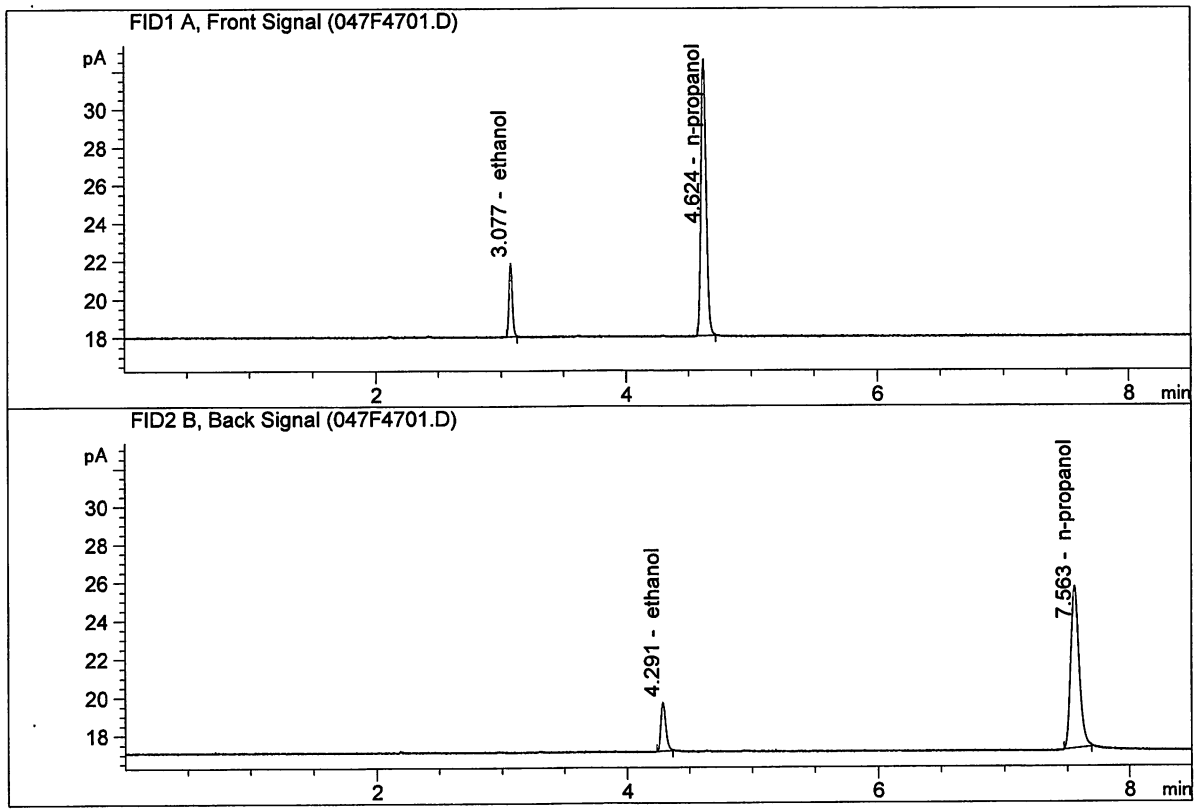
0.077

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

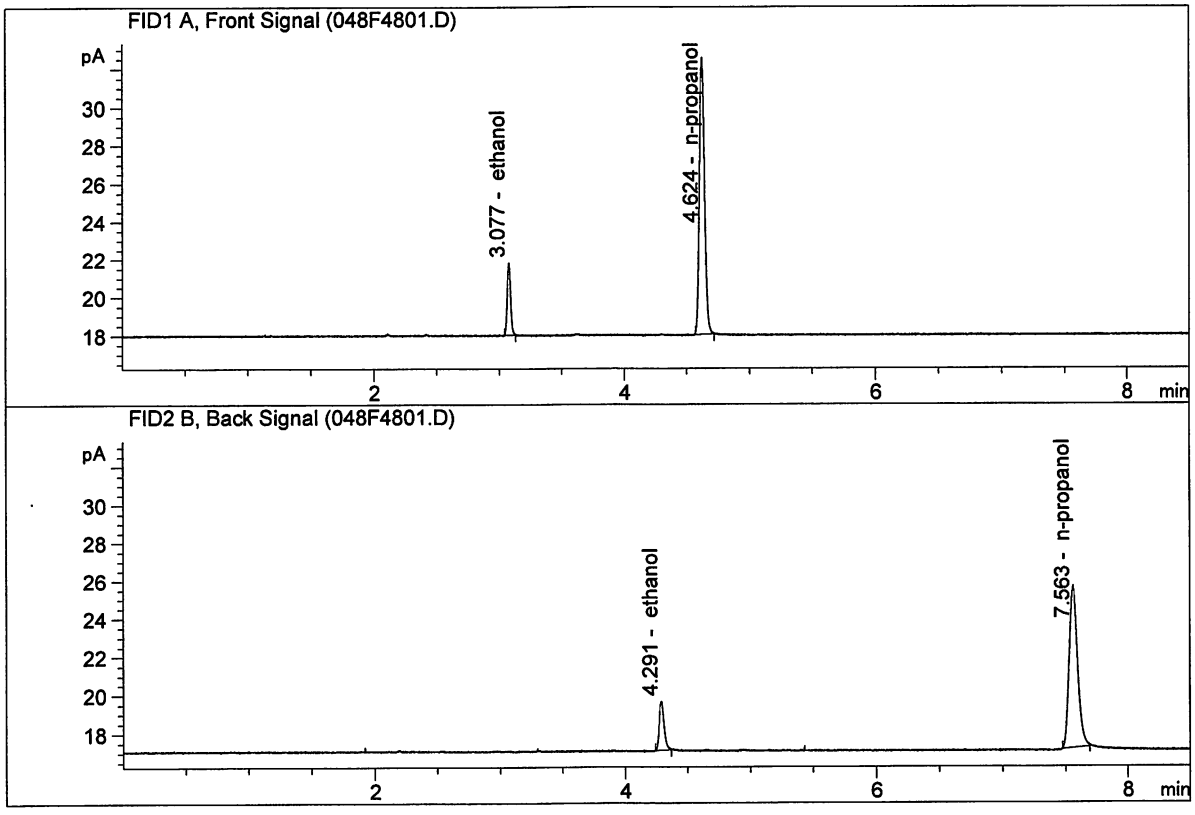


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.11935	0.0789	g/100cc
2.	Ethanol	Column 2:	7.08194	0.0761	g/100cc
3.	n-Propanol	Column 1:	41.54126	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.17117	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.05540	0.0784	g/100cc
2.	Ethanol	Column 2:	7.05028	0.0760	g/100cc
3.	n-Propanol	Column 1:	41.43952	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.02994	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 12 Sep 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2006	0.1966	0.0040	0.1986	0.1995	
(g/100cc)	0.2019	0.1991	0.0028	0.2005		

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
0.199	**0.189**	**0.209**	**0.010**

Reported Result

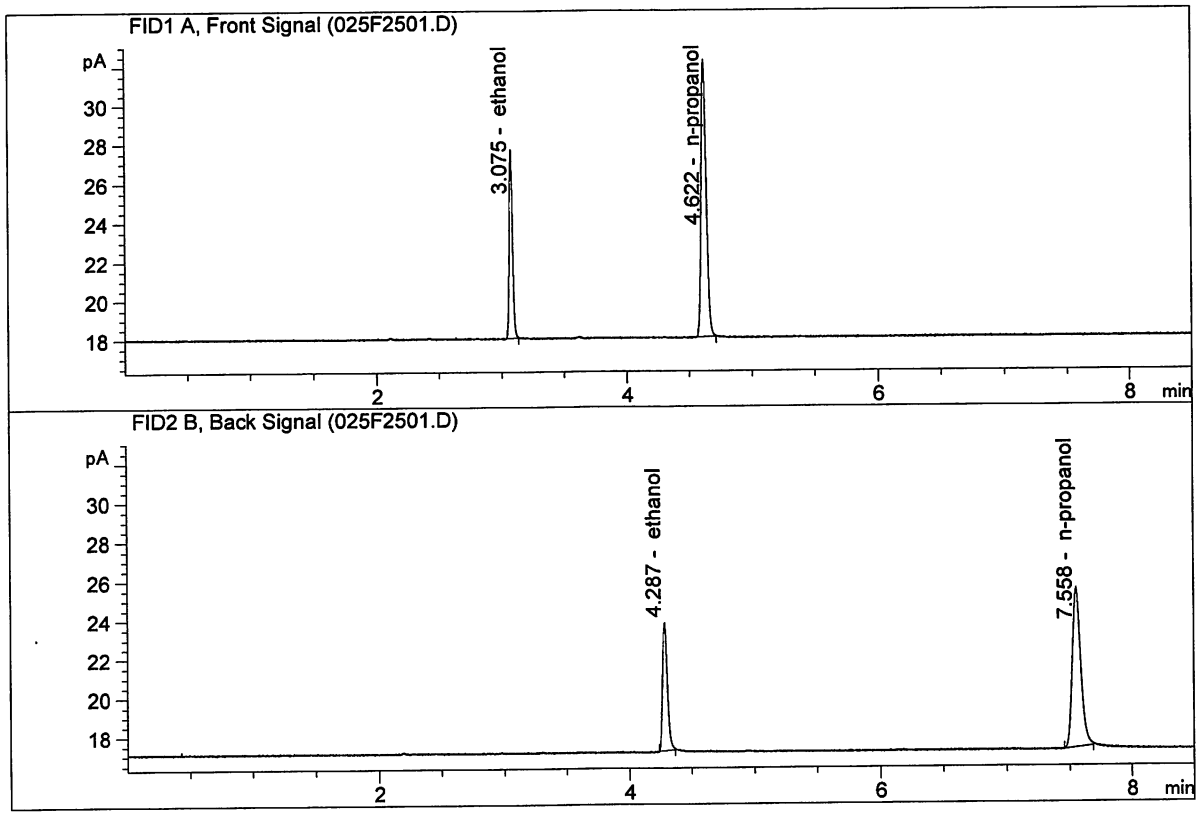
0.199

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

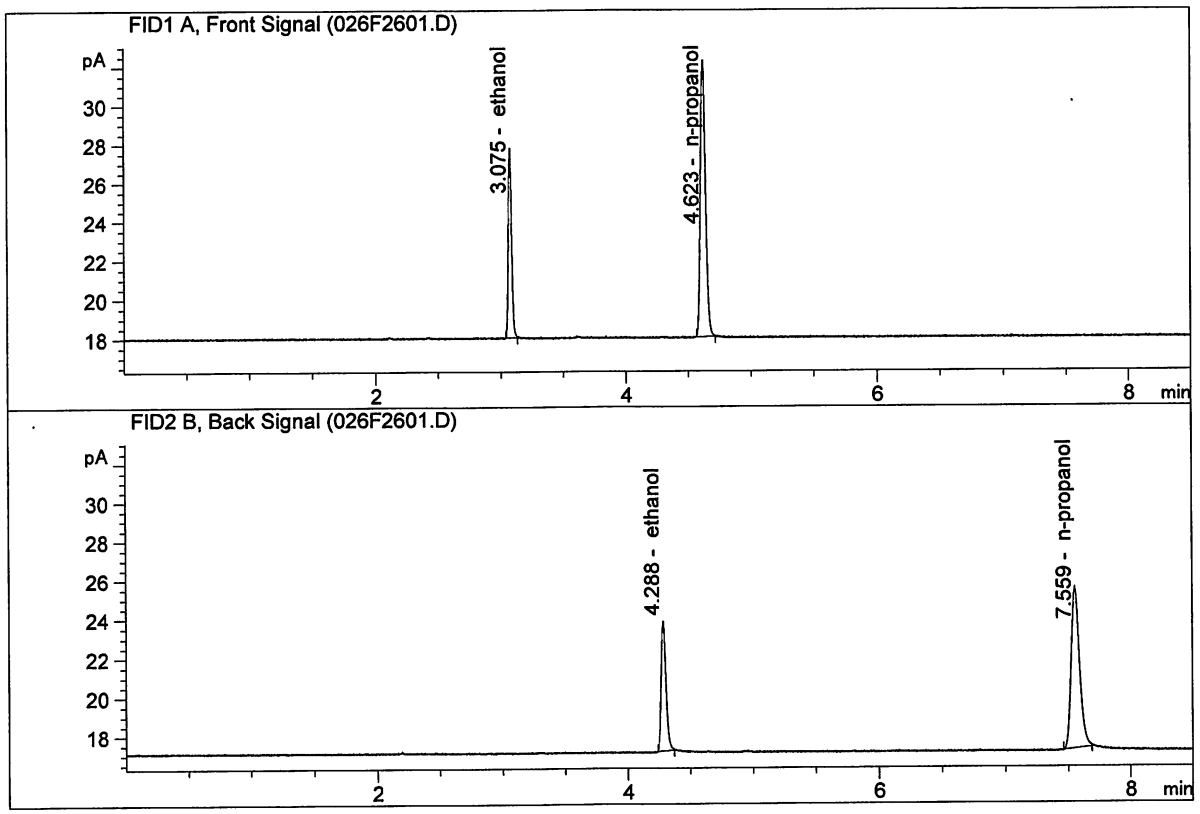


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.62886	0.2006	g/100cc
2.	Ethanol	Column 2:	17.86207	0.1966	g/100cc
3.	n-Propanol	Column 1:	40.45070	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.17303	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.80440	0.2019	g/100cc
2.	Ethanol	Column 2:	18.09573	0.1991	g/100cc
3.	n-Propanol	Column 1:	40.59621	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.19983	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 12 Sep 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2074	0.2054	0.0020	0.2064	0.2053	
(g/100cc)	0.2055	0.2031	0.0024	0.2043		

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

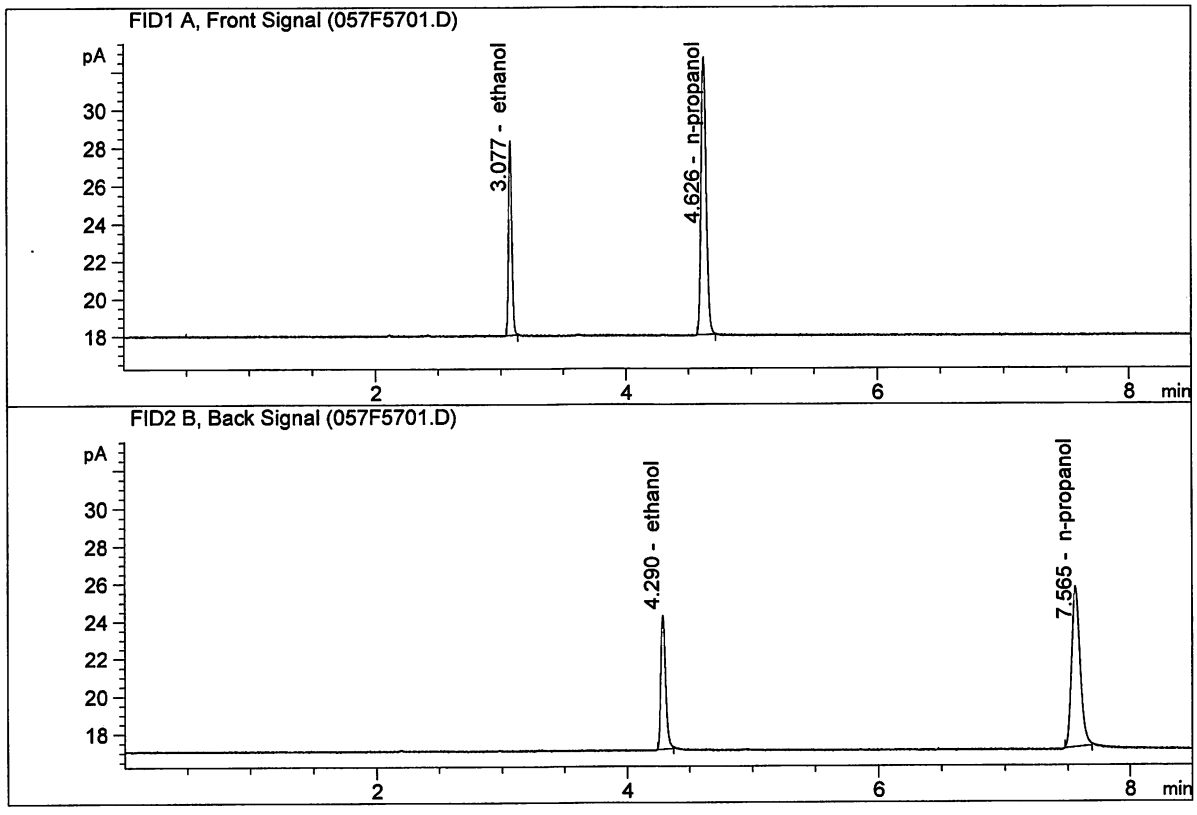
0.205

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

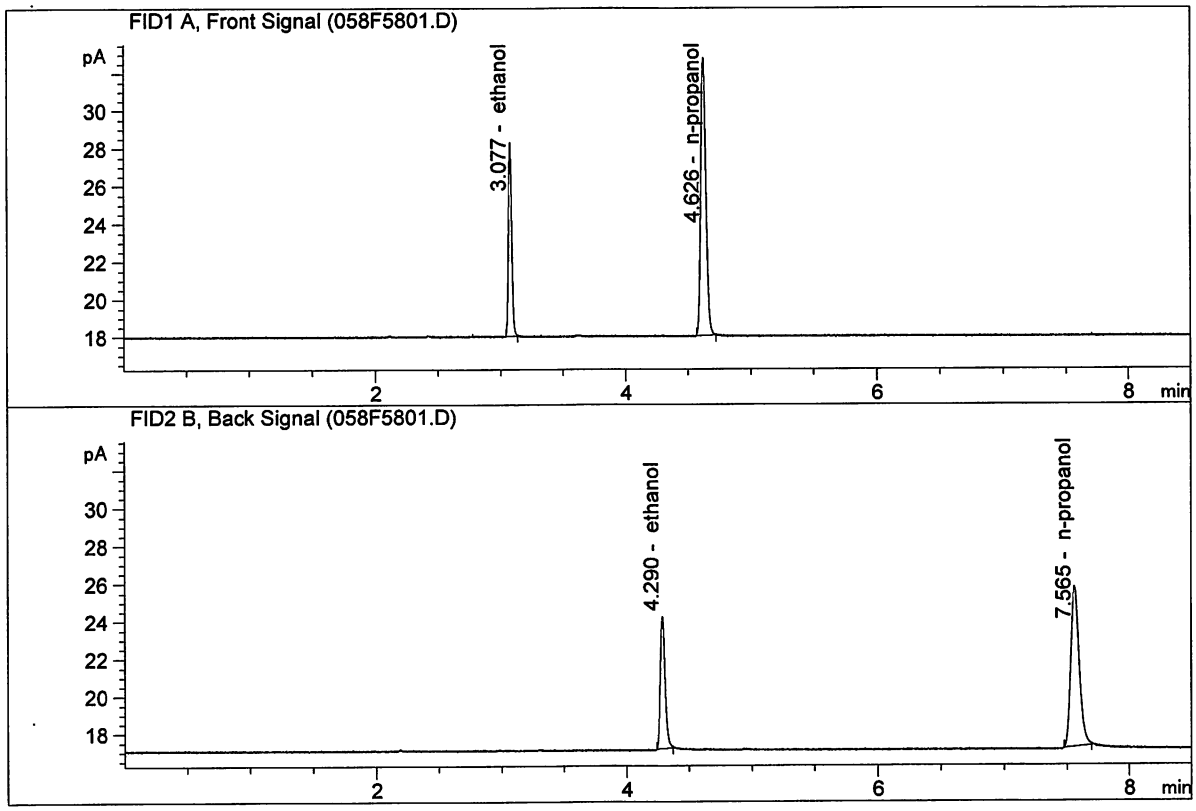


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.86834	0.2074	g/100cc
2.	Ethanol	Column 2:	19.21273	0.2054	g/100cc
3.	n-Propanol	Column 1:	41.87423	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.36814	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.81436	0.2055	g/100cc
2.	Ethanol	Column 2:	19.12960	0.2031	g/100cc
3.	n-Propanol	Column 1:	42.13659	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.64298	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 12 Sep 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0795	0.0768	0.0027	0.0781	0.0783	
(g/100cc)	0.0796	0.0775	0.0021	0.0785		

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

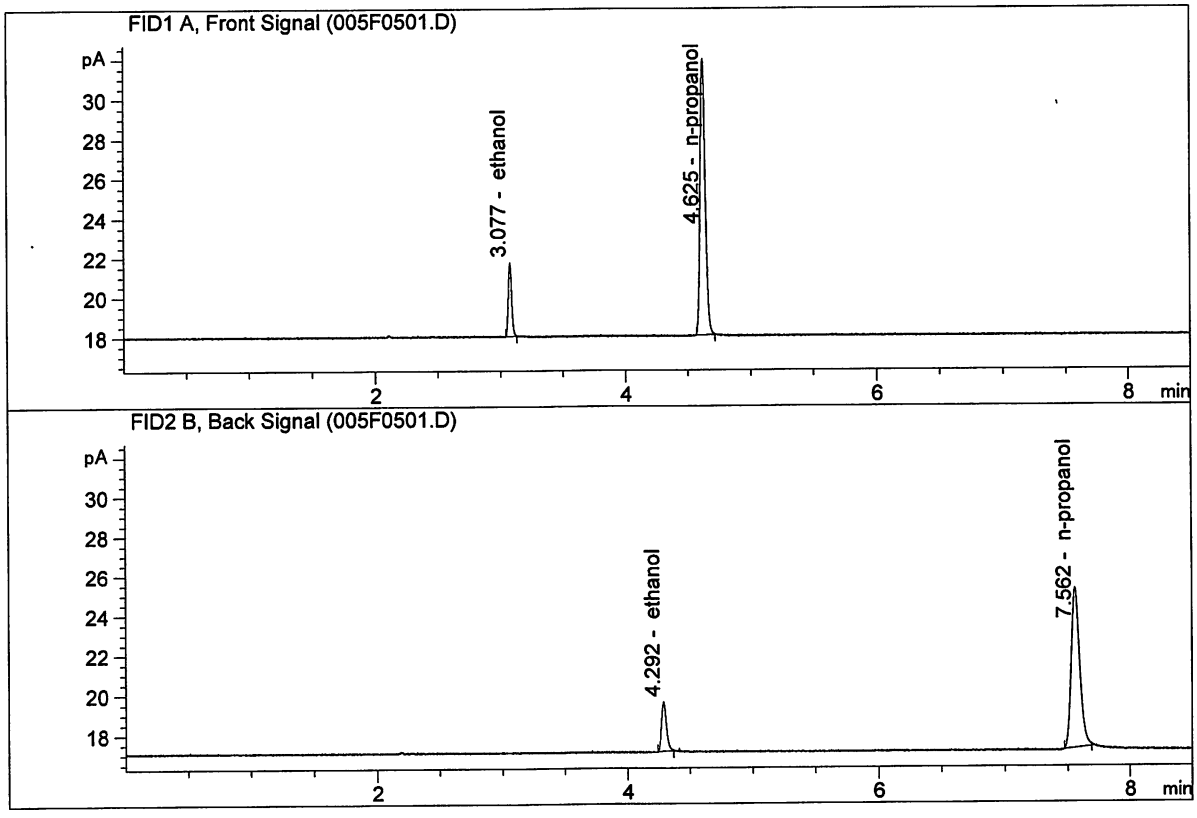
0.078

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

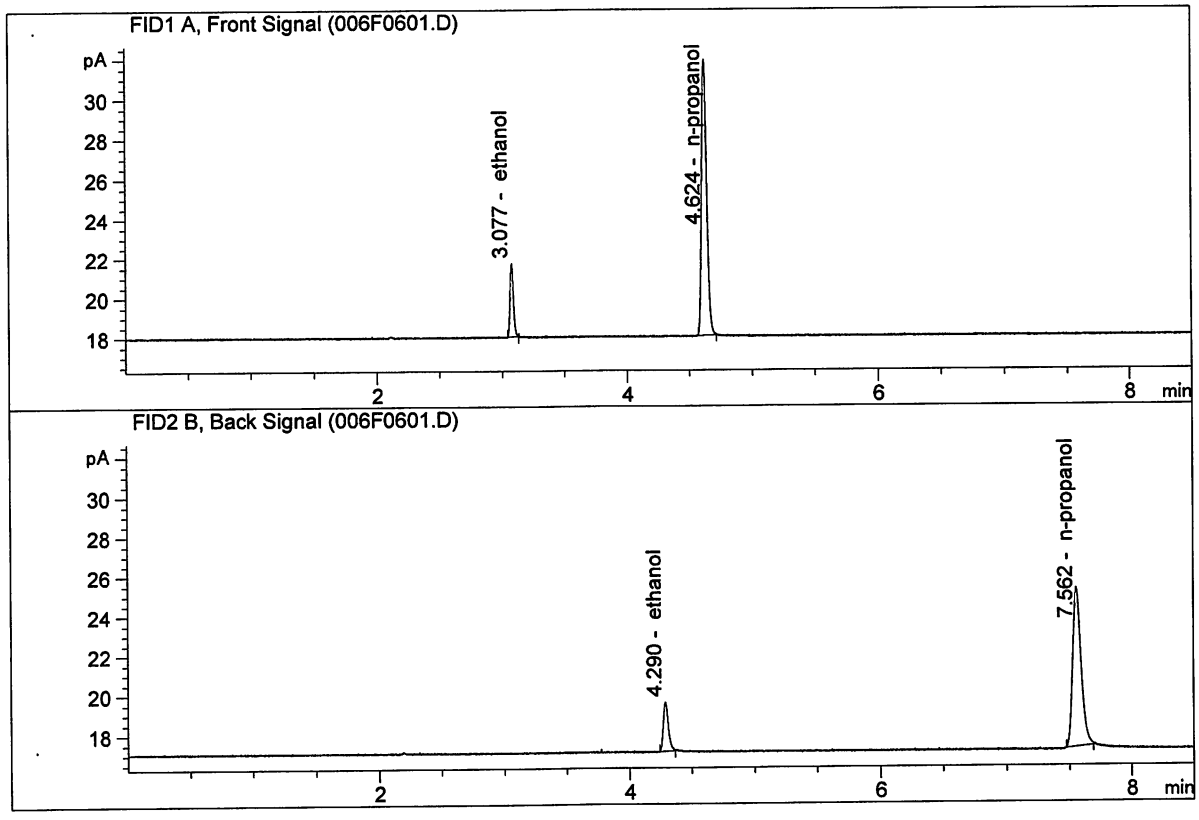


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.86298	0.0795	g/100cc
2.	Ethanol	Column 2:	6.81647	0.0768	g/100cc
3.	n-Propanol	Column 1:	39.72272	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.23682	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

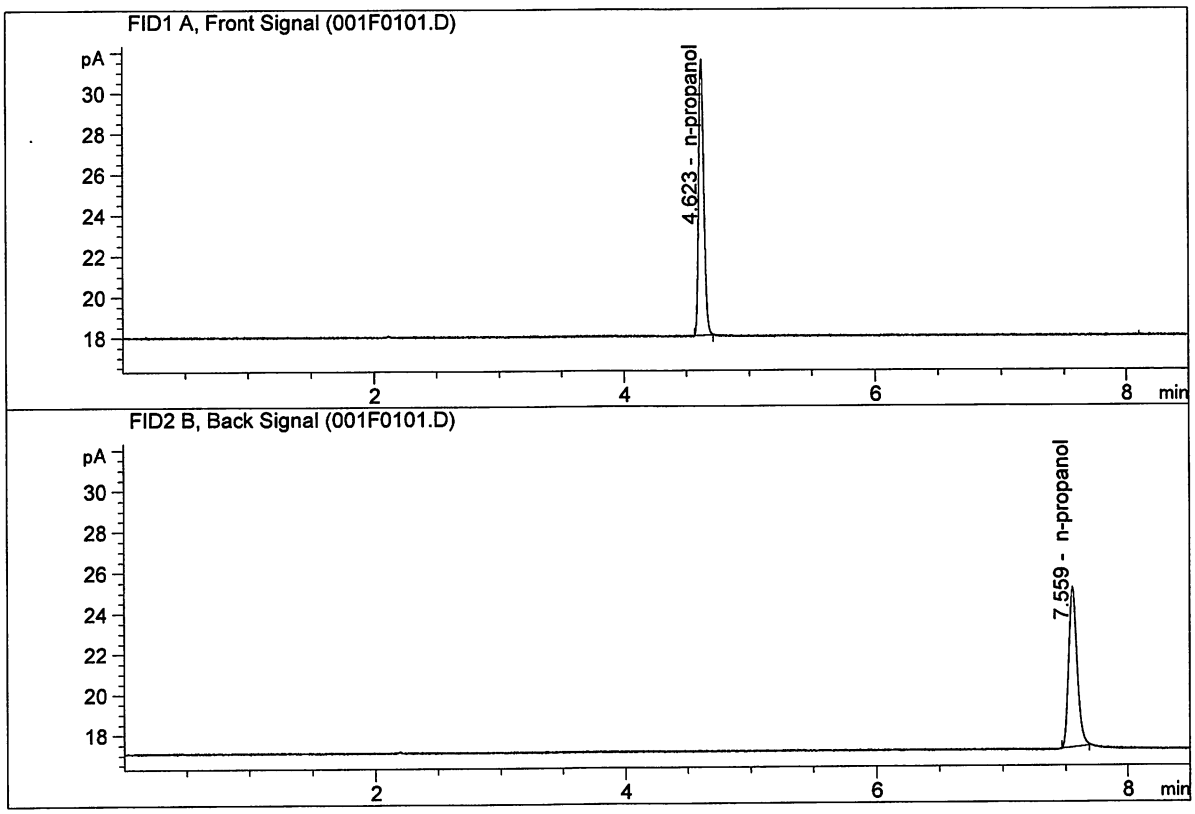


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.84338	0.0796	g/100cc
2.	Ethanol	Column 2:	6.83608	0.0775	g/100cc
3.	n-Propanol	Column 1:	39.59669	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.00565	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

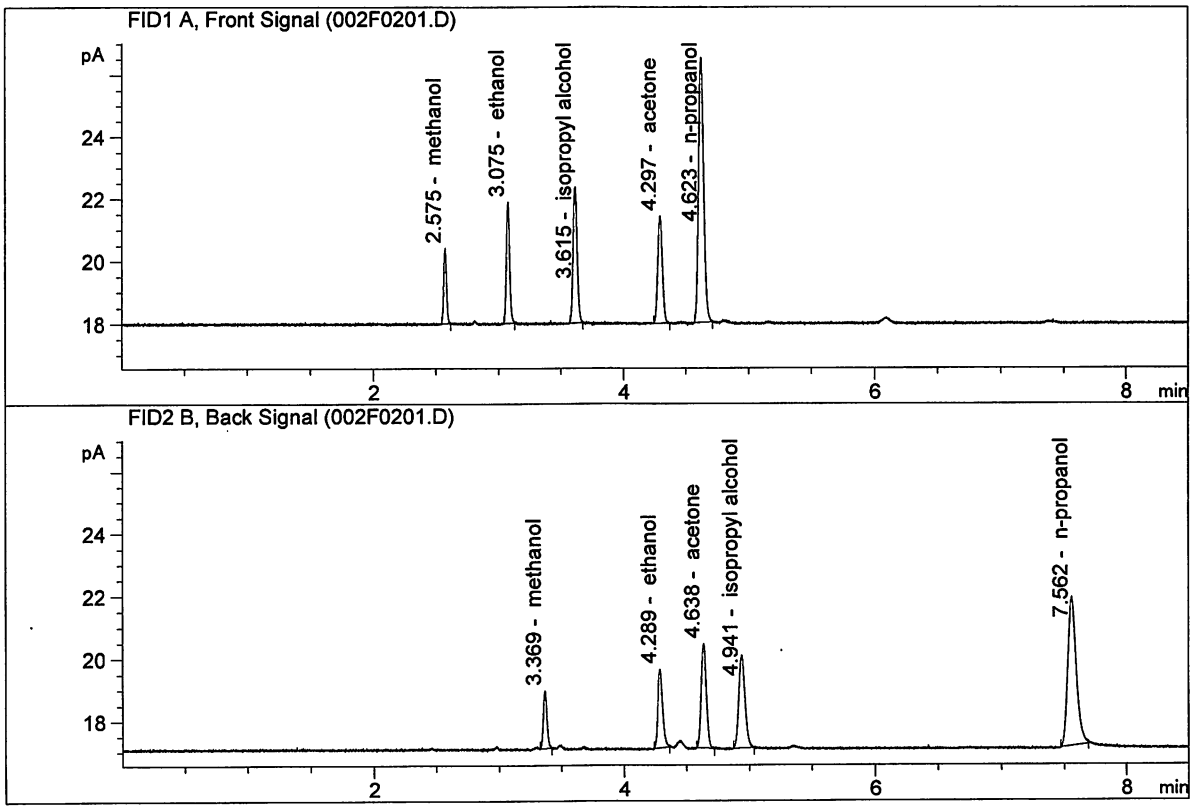


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	38.60847	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.51418	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN09231404
Laboratory : Meridian
Injection Date : Sep 12, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

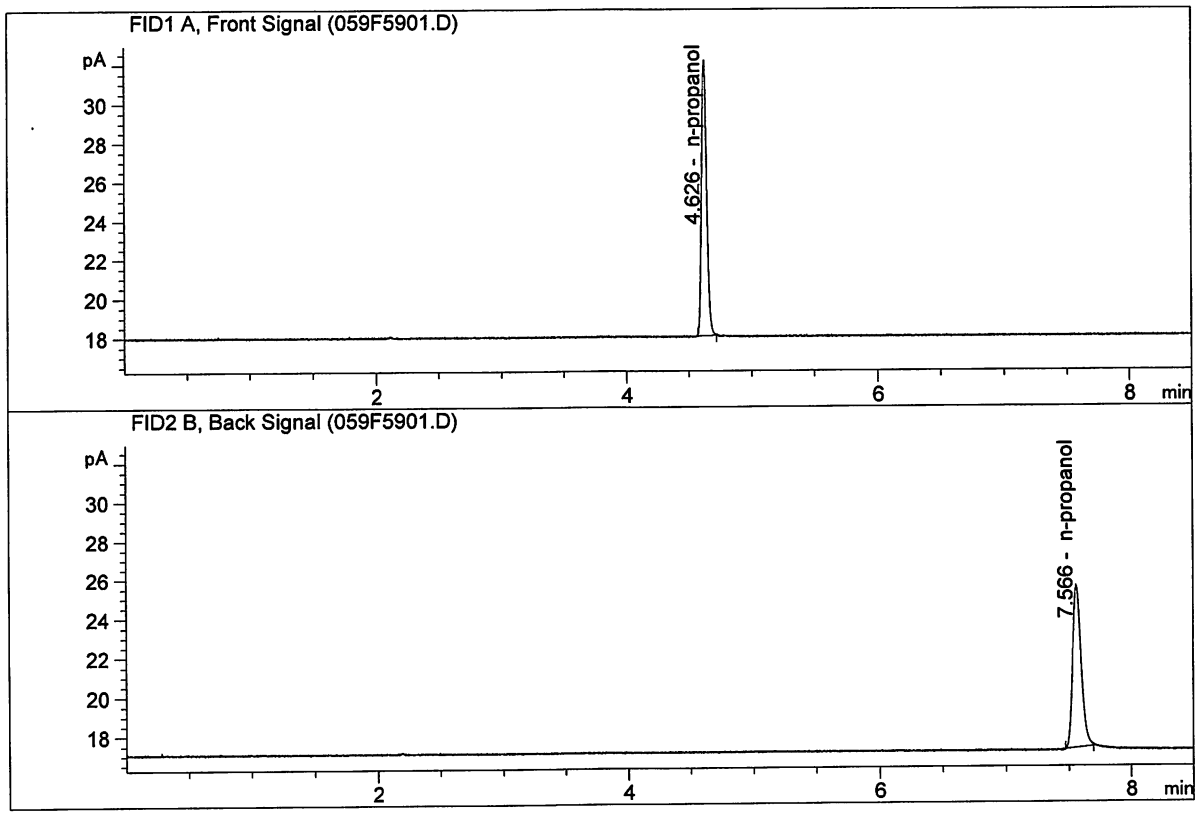


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.93841	0.1322	g/100cc
2.	Ethanol	Column 2:	6.94185	0.1307	g/100cc
3.	n-Propanol	Column 1:	24.16170	1.0000	g/100cc
4.	n-Propanol	Column 2:	23.48410	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Sep 12, 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:	40.35473	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.99143	1.0000	g/100cc

NB

Sample Summary

Sequence table: C:\Chem32\1\Data\09-12-17_SAMPLES\09-12-17_SAMPLES 2017-09-12 12-07-19\09 12-17_SAMPLES.S
Data directory path: C:\Chem32\1\Data\09-12-17_SAMPLES\09-12-17_SAMPLES 2017-09-12 12-07-19\
Logbook: C:\Chem32\1\Data\09-12-17_SAMPLES\09-12-17_SAMPLES 2017-09-12 12-07-19\09 12-17_SAMPLES.LOG
Sequence start: 9/12/2017 12:22:09 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\09-12-17_SAMPLES\09-12-17_SAMPLES 2017-09-12 12-07-19 \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	M2017-4078-1-A	-	1.0000	007F0701.D	2
8	8	1	M2017-4078-1-B	-	1.0000	008F0801.D	2
9	9	1	M2017-4079-1-A	-	1.0000	009F0901.D	6
10	10	1	M2017-4079-1-B	-	1.0000	010F1001.D	6
11	11	1	M2017-4080-1-A	-	1.0000	011F1101.D	6
12	12	1	M2017-4080-1-B	-	1.0000	012F1201.D	6
13	13	1	M2017-4083-1-A	-	1.0000	013F1301.D	2
14	14	1	M2017-4083-1-B	-	1.0000	014F1401.D	2
15	15	1	M2017-4101-1-A	-	1.0000	015F1501.D	5
16	16	1	M2017-4101-1-B	-	1.0000	016F1601.D	4
17	17	1	M2017-4102-1-A	-	1.0000	017F1701.D	4
18	18	1	M2017-4102-1-B	-	1.0000	018F1801.D	4
19	19	1	M2017-4103-1-A	-	1.0000	019F1901.D	5
20	20	1	M2017-4103-1-B	-	1.0000	020F2001.D	6
21	21	1	M2017-4110-2-A	-	1.0000	021F2101.D	6
22	22	1	M2017-4110-2-B	-	1.0000	022F2201.D	6
23	23	1	M2017-4113-1-A	-	1.0000	023F2301.D	6
24	24	1	M2017-4113-1-B	-	1.0000	024F2401.D	6
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	M2017-4117-1-A	-	1.0000	027F2701.D	2
28	28	1	M2017-4117-1-B	-	1.0000	028F2801.D	2
29	29	1	M2017-4117-2-A	-	1.0000	029F2901.D	2
30	30	1	M2017-4117-2-B	-	1.0000	030F3001.D	2
31	31	1	M2017-4118-1-A	-	1.0000	031F3101.D	2
32	32	1	M2017-4118-1-B	-	1.0000	032F3201.D	2
33	33	1	M2017-4120-21-A	-	1.0000	033F3301.D	2
34	34	1	M2017-4120-21-B	-	1.0000	034F3401.D	2
35	35	1	M2017-4121-1-A	-	1.0000	035F3501.D	6
36	36	1	M2017-4121-1-B	-	1.0000	036F3601.D	6
37	37	1	M2017-4130-1-A	-	1.0000	037F3701.D	6
38	38	1	M2017-4130-1-B	-	1.0000	038F3801.D	6
39	39	1	M2017-4132-1-A	-	1.0000	039F3901.D	4
40	40	1	M2017-4132-1-B	-	1.0000	040F4001.D	4
41	41	1	M2017-4148-1-A	-	1.0000	041F4101.D	2
42	42	1	M2017-4148-1-B	-	1.0000	042F4201.D	2
43	43	1	M2017-4152-1-A	-	1.0000	043F4301.D	6

NB

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
44	44	1	M2017-4152-1-B	-	1.0000	044F4401.D		6
45	45	1	M2017-4156-1-A	-	1.0000	045F4501.D		2
46	46	1	M2017-4156-1-B	-	1.0000	046F4601.D		2
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	M2017-4157-1-A	-	1.0000	049F4901.D		6
50	50	1	M2017-4157-1-B	-	1.0000	050F5001.D		4
51	51	1	M2017-4173-1-A	-	1.0000	051F5101.D		6
52	52	1	M2017-4173-1-B	-	1.0000	052F5201.D		6
53	53	1	M2017-4174-1-A	-	1.0000	053F5301.D		2
54	54	1	M2017-4174-1-B	-	1.0000	054F5401.D		2
55	55	1	M2017-4175-1-A	-	1.0000	055F5501.D		6
56	56	1	M2017-4175-1-B	-	1.0000	056F5601.D		6
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\09-12-17_SAMPLES\09-12-17_SAMPLES 2017-09-12 12-07-19 \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