Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls **Run Date: 11/14/18**

Calibration Date: 11/14/18

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0783 g/100cc
					0.0822 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1996 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	**Exp date: Sept. 2020**	**Lot #**	FN06041502		OK
Curve Fit:		**Column 1**	1.00000	**Column2**	0.99995

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	0.0503	0.0520	0.0017	0.0511
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Aug-21	FN08101601	0.100	0.090 - 0.110	0.0998	0.0999	0.0001	0.0998
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1996	0.1975	0.0021	0.1985
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.3003	0.2996	0.0007	0.2999
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Sep-21	FN08031602	0.500	0.450 - 0.550	0.5000	0.5011	0.0011	0.5005

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	May-22	FN04171701	0.08000	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.

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

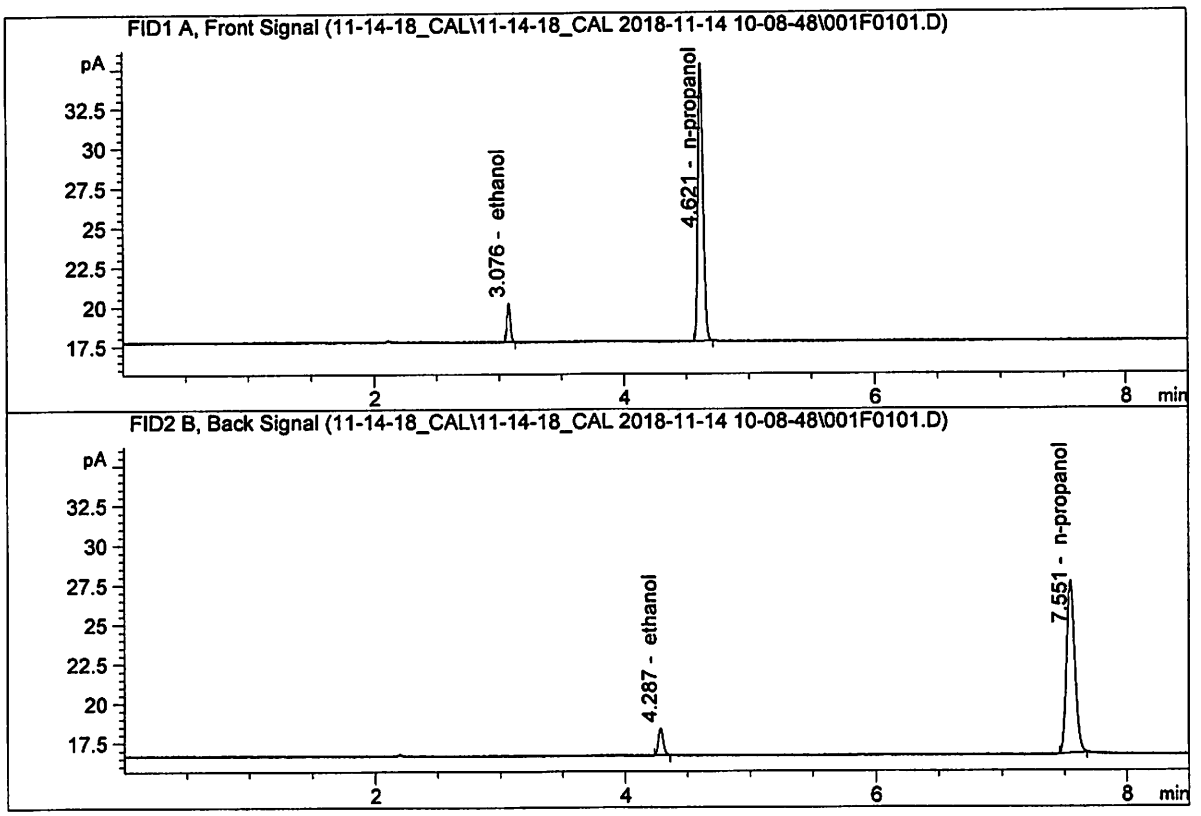
Worklist: 2789

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2018-5546	1	131220	Alcohol Analysis
M2018-5548	1	131229	Alcohol Analysis
M2018-5579	1	131268	Alcohol Analysis
M2018-5580	1	131269	Alcohol Analysis
M2018-5592	1	131369	Alcohol Analysis
M2018-5592	2	131373	Alcohol Analysis
M2018-5593	1	131377	Alcohol Analysis
M2018-5594	1	131887	Alcohol Analysis
M2018-5594	2	131888	Alcohol Analysis
M2018-5596	1	131391	Alcohol Analysis
M2018-5597	1	131446	Alcohol Analysis
M2018-5598	1	131447	Alcohol Analysis
M2018-5619	1	131539	Alcohol Analysis
M2018-5620	1	131556	Alcohol Analysis
M2018-5626	1	131574	Alcohol Analysis
M2018-5627	1	131575	Alcohol Analysis
M2018-5628	1	131621	Alcohol Analysis
P2018-3178	5	131474	Alcohol Analysis

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

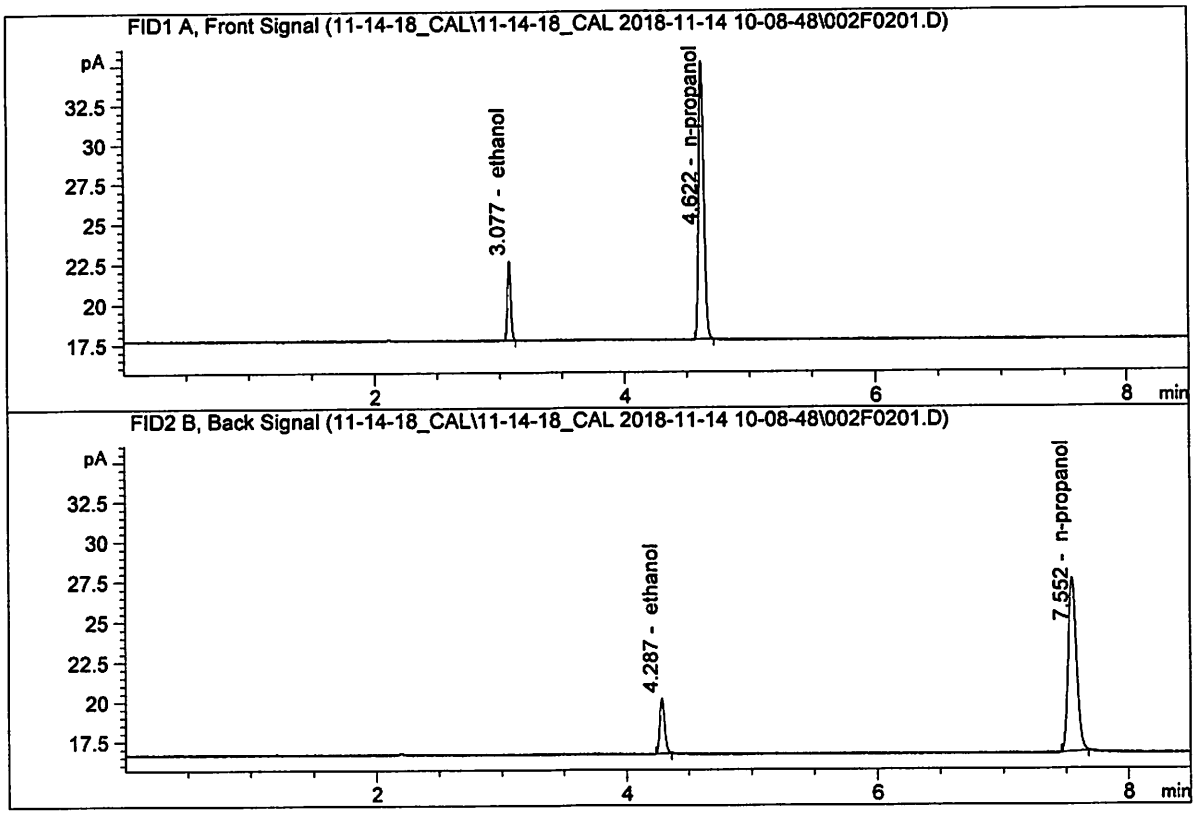


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.47624	0.0503	g/100cc
2.	Ethanol	Column 2:	4.60426	0.0520	g/100cc
3.	n-Propanol	Column 1:	49.66066	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.15902	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN08101601
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

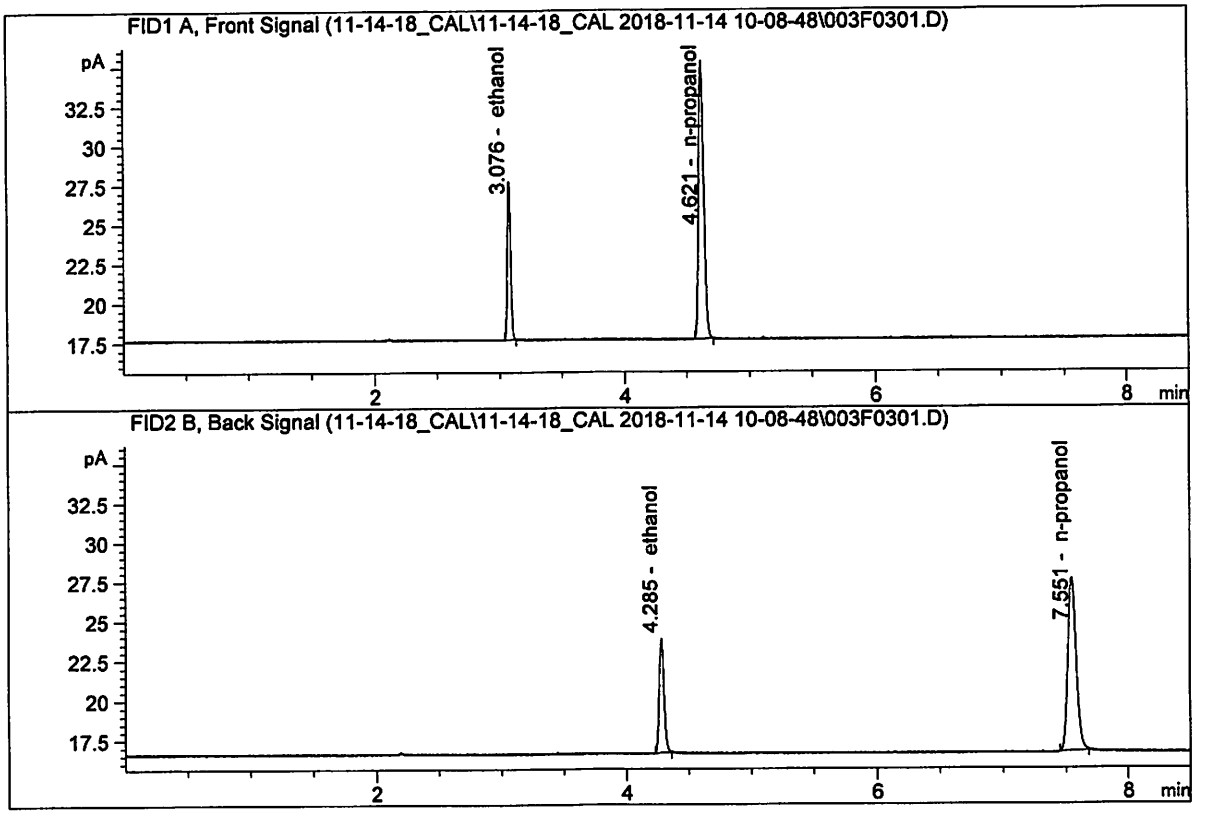


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.95841	0.0998	g/100cc
2.	Ethanol	Column 2:	9.26124	0.0999	g/100cc
3.	n-Propanol	Column 1:	49.49444	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.62856	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN12011401
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

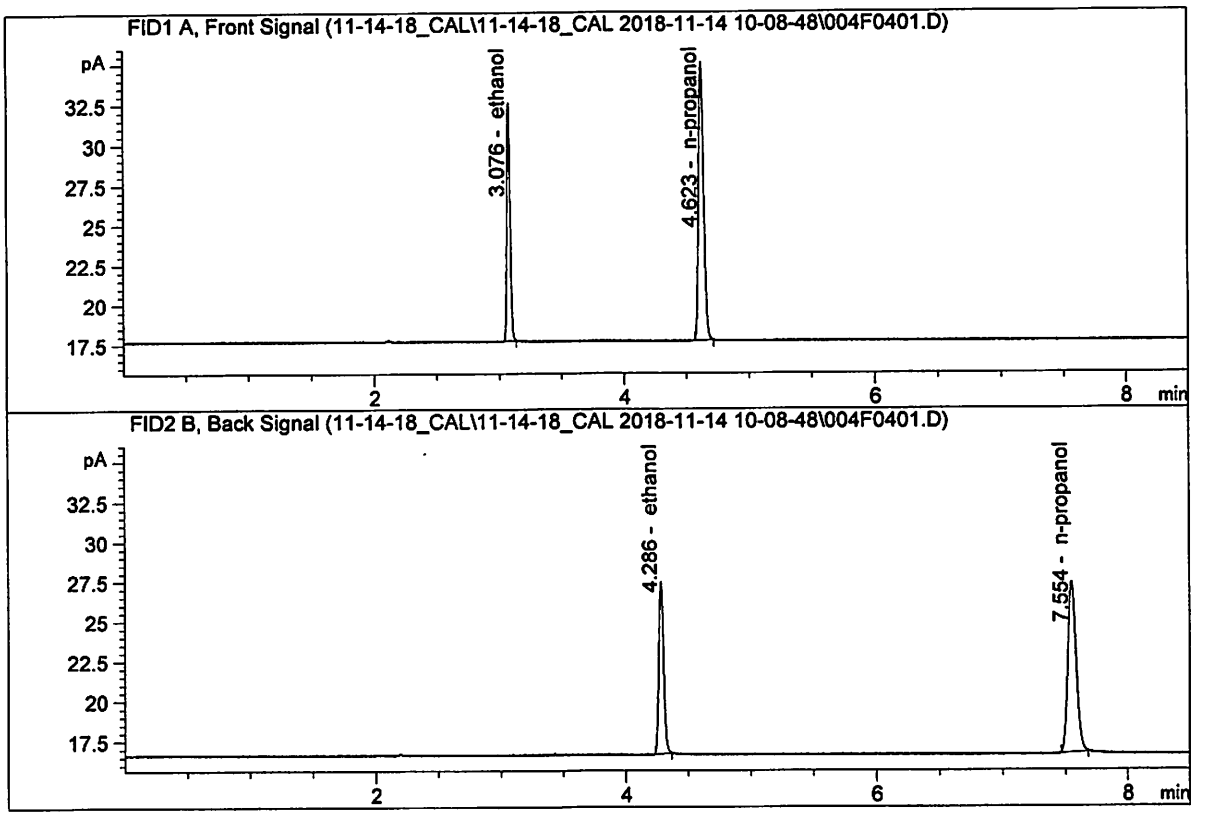


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.17060	0.1996	g/100cc
2.	Ethanol	Column 2:	18.93891	0.1975	g/100cc
3.	n-Propanol	Column 1:	49.89084	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.92851	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

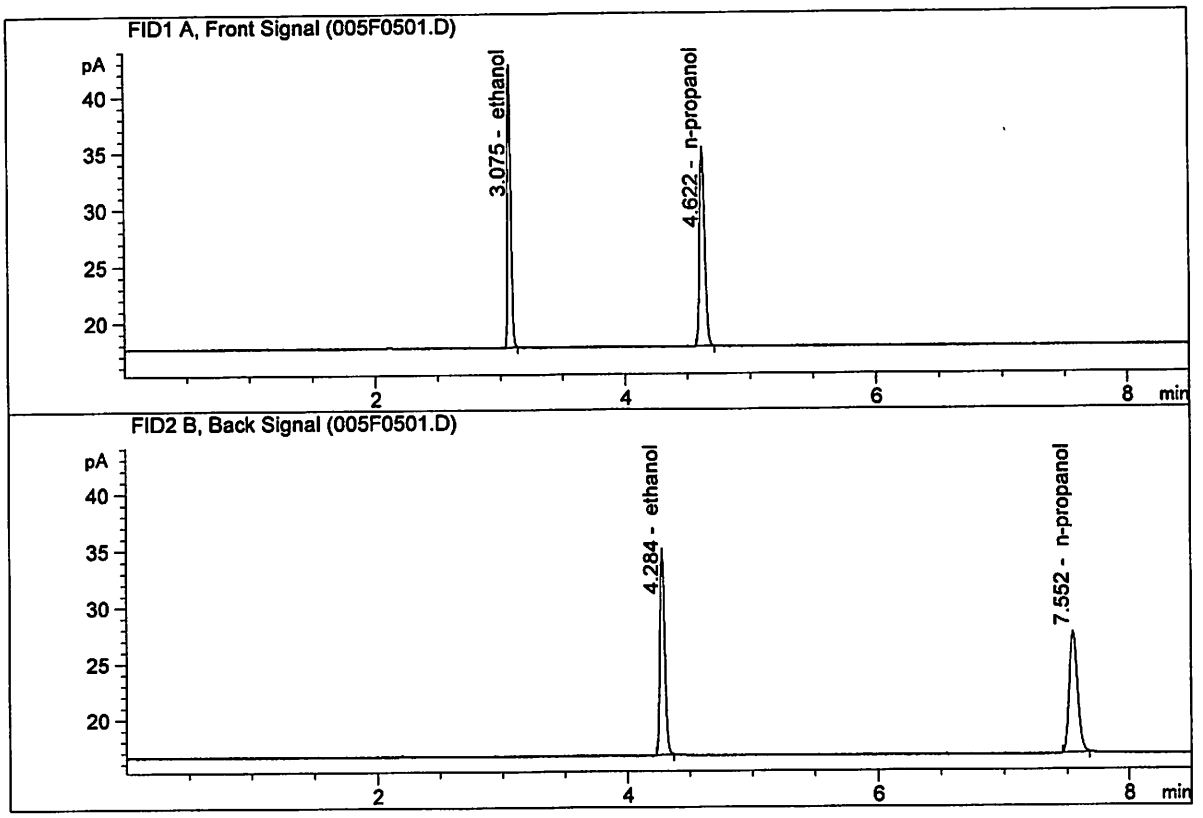
Sample Name : 0.300 FN02121601
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.04110	0.3003	g/100cc
2.	Ethanol	Column 2:	28.43509	0.2996	g/100cc
3.	n-Propanol	Column 1:	49.25281	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.89392	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08031602
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

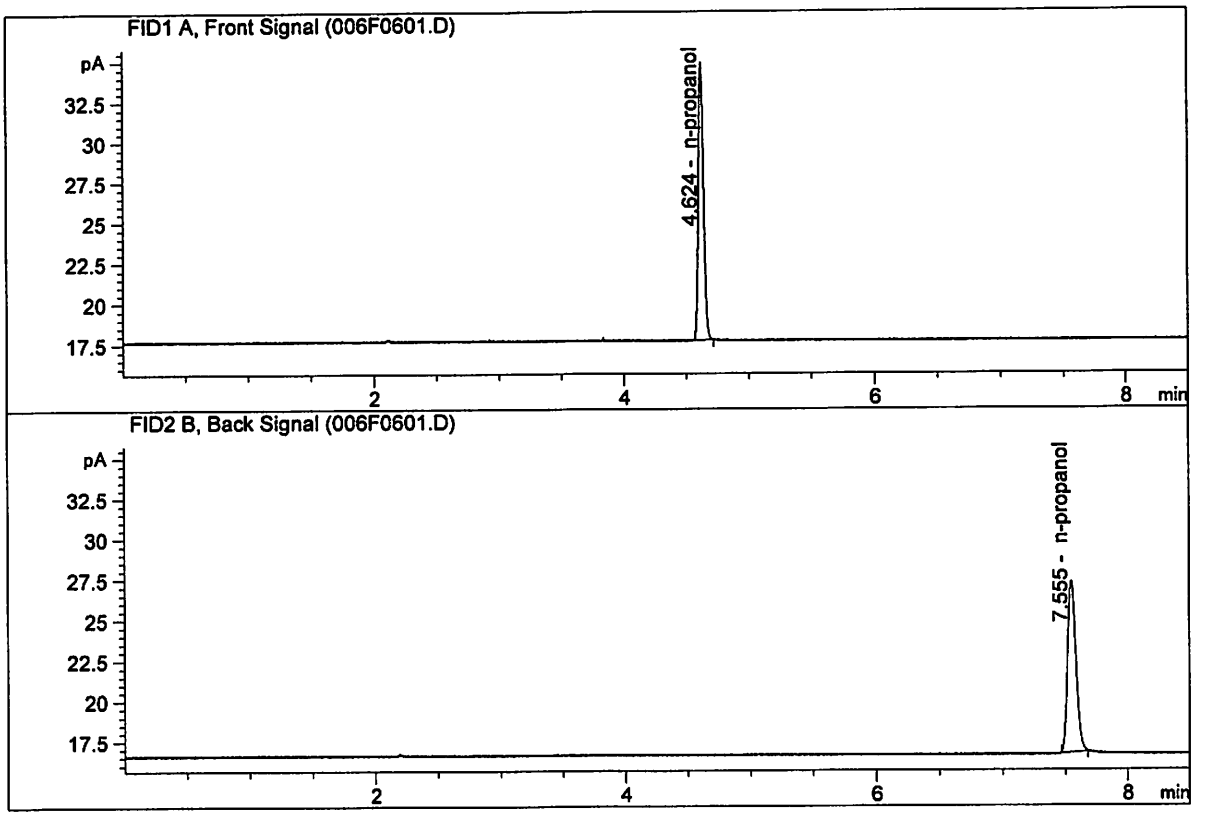


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.60338	0.5000	g/100cc
2.	Ethanol	Column 2:	48.28341	0.5011	g/100cc
3.	n-Propanol	Column 1:	49.81603	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.28208	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	48.80210	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.24411	1.0000	g/100cc

JG

Sequence File C:\Chem32\1\Data\11-14-18_CAL\11-14-18_CAL 2018-11-14 10-08-48\11-14-18_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\11-14-18_CAL\11-14-18_CAL 2018-11-14 10-08-48\11-14-18_CAL.S
Data directory path: C:\Chem32\1\Data\11-14-18_CAL\11-14-18_CAL 2018-11-14 10-08-48\
Logbook: C:\Chem32\1\Data\11-14-18_CAL\11-14-18_CAL 2018-11-14 10-08-48\11-14-18_CAL.LOG
Sequence start: 11/14/2018 10:23:26 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\11-14-18_CAL\11-14-18_CAL 2018-11-14 10-08-48\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 FN08101601	-	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 FN08031602	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

JC

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, November 14, 2018 11:13:58 AM
Signals calculated separately : No

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

Curve Type : Linear
Origin : Ignored
Weight : Equal

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

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

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

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

Signal Details

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

Overview Table

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
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	4.47624	1.11701e-2	No	No	1	ethanol
		2	1.00000e-1	8.95841	1.11627e-2				
		3	2.00000e-1	18.17060	1.10068e-2				
		4	3.00000e-1	27.04110	1.10942e-2				
		5	5.00000e-1	45.60338	1.09641e-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	4.60426	1.08595e-2	No	No	2	ethanol
		2	1.00000e-1	9.26124	1.07977e-2				
		3	2.00000e-1	18.93891	1.05603e-2				
		4	3.00000e-1	28.43509	1.05503e-2				
		5	5.00000e-1	48.28341	1.03555e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	49.66066	2.01367e-2	No	Yes	1	n-propanol
		2	1.00000	49.49444	2.02043e-2				
		3	1.00000	49.89084	2.00438e-2				
		4	1.00000	49.25281	2.03034e-2				
		5	1.00000	49.81603	2.00739e-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	52.15902	1.91721e-2	No	Yes	2	n-propanol
		2	1.00000	51.62856	1.93691e-2				
		3	1.00000	51.92851	1.92572e-2				
		4	1.00000	50.89392	1.96487e-2				
		5	1.00000	51.28208	1.95000e-2				

Peak Sum Table

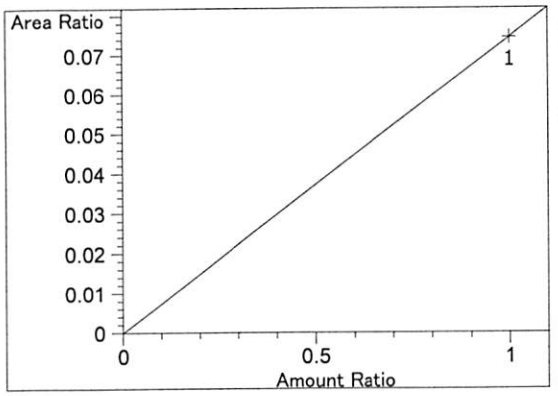
No Entries in table

41 Warnings or Errors (10 first messages follow) :

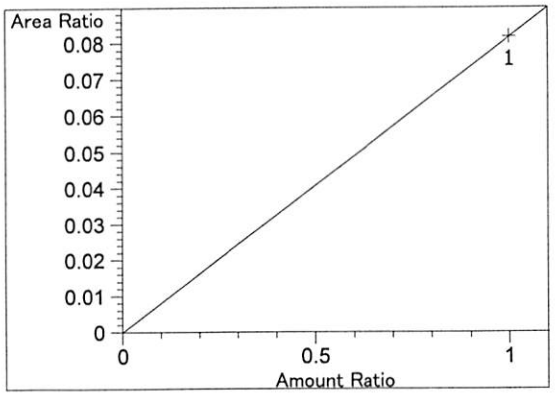
Warning : Curve requires more calibration points., (methanol)
Warning : Curve requires more calibration points. at 2.586 min, signal 1
Warning : Curve requires more calibration points. at 2.809 min, signal 1
Warning : Curve requires more calibration points. at 2.977 min, signal 2
Warning : Curve requires 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 4.62 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

JC

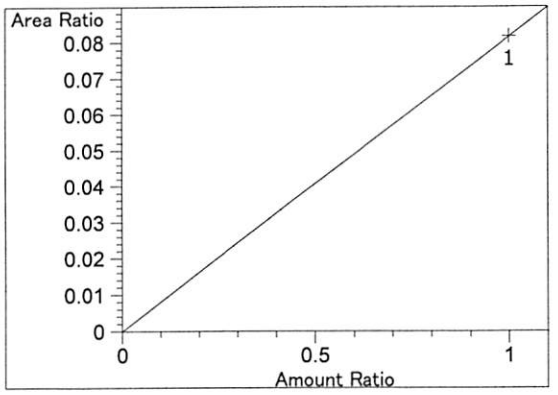
Calibration Curves



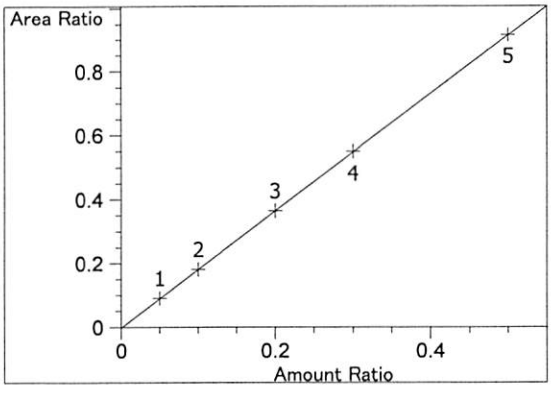
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 7.44391e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.16925e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

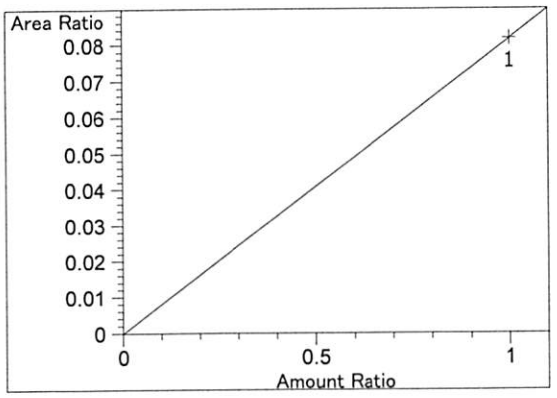


Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.16925e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

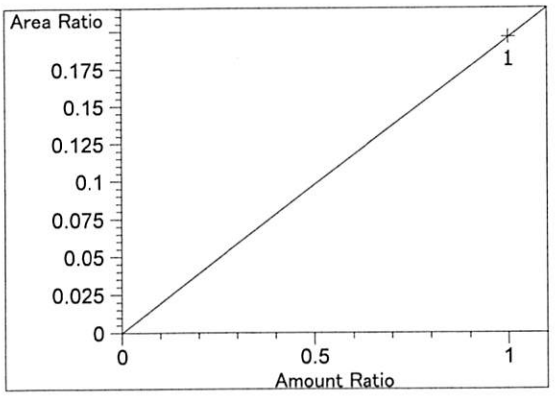


ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00065
Formula: y = mx + b
m: 1.83530
b: -2.15909e-3
x: Amount Ratio
y: Area Ratio

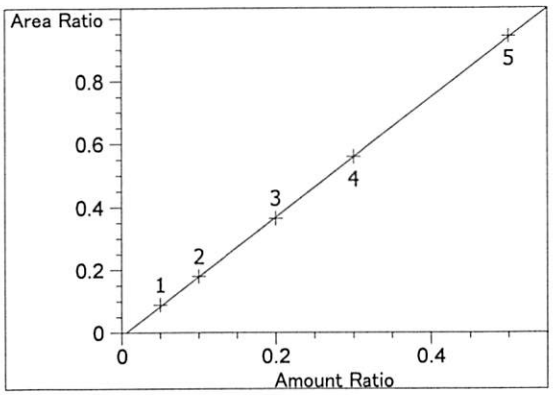
JG



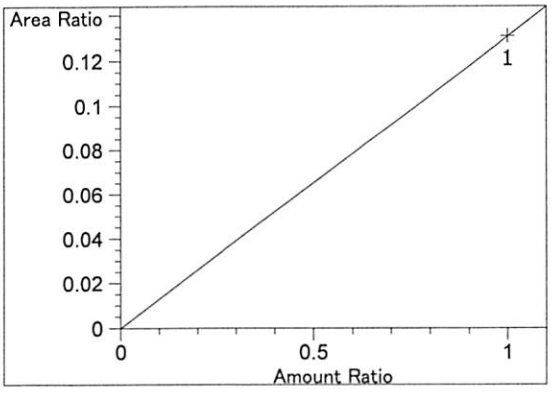
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.16853e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



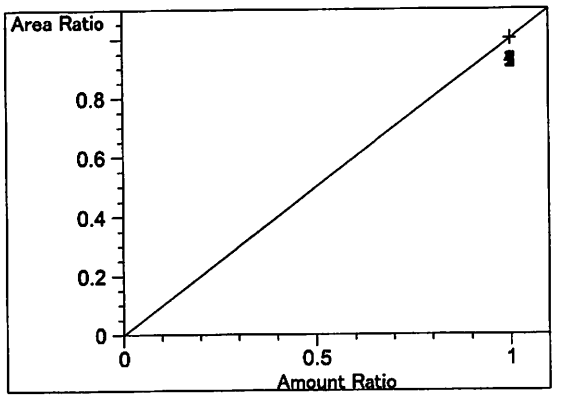
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.95941e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



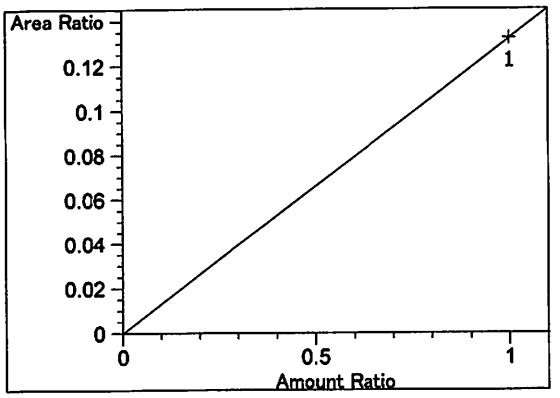
ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99995
Residual Std. Dev.: 0.00374
Formula: y = mx + b
m: 1.89978
b: -1.04279e-2
x: Amount Ratio
y: Area Ratio



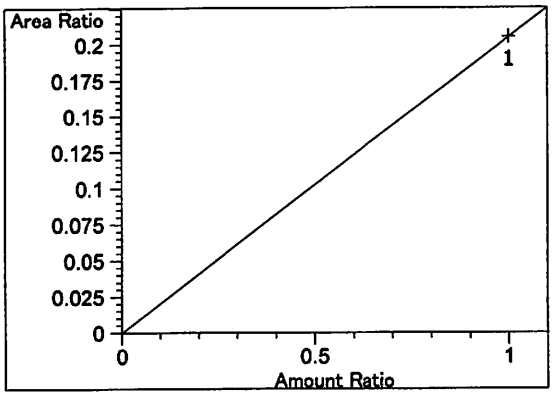
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.30876e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



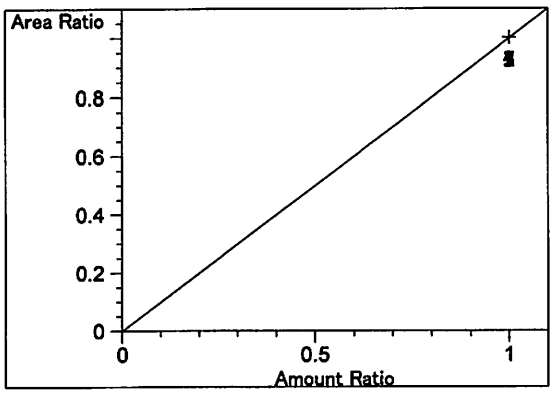
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.32154e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.05265e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



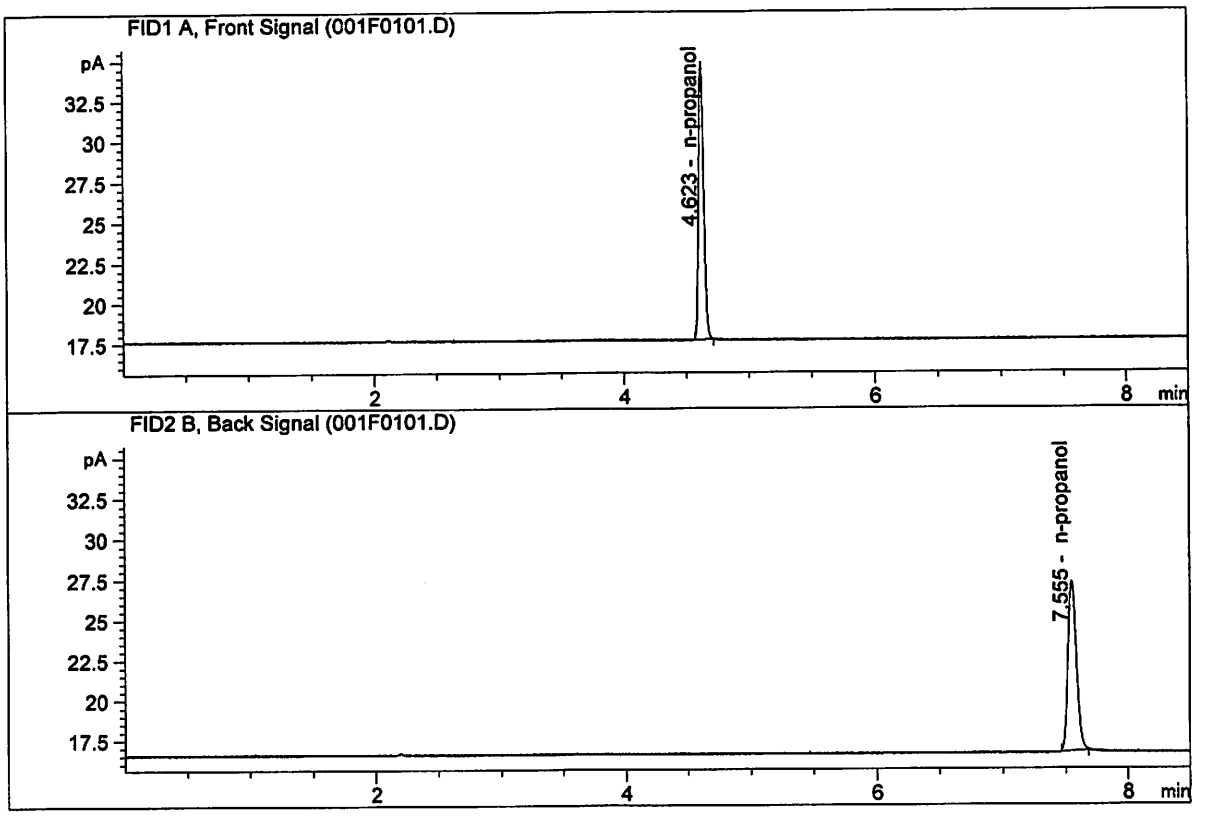
n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

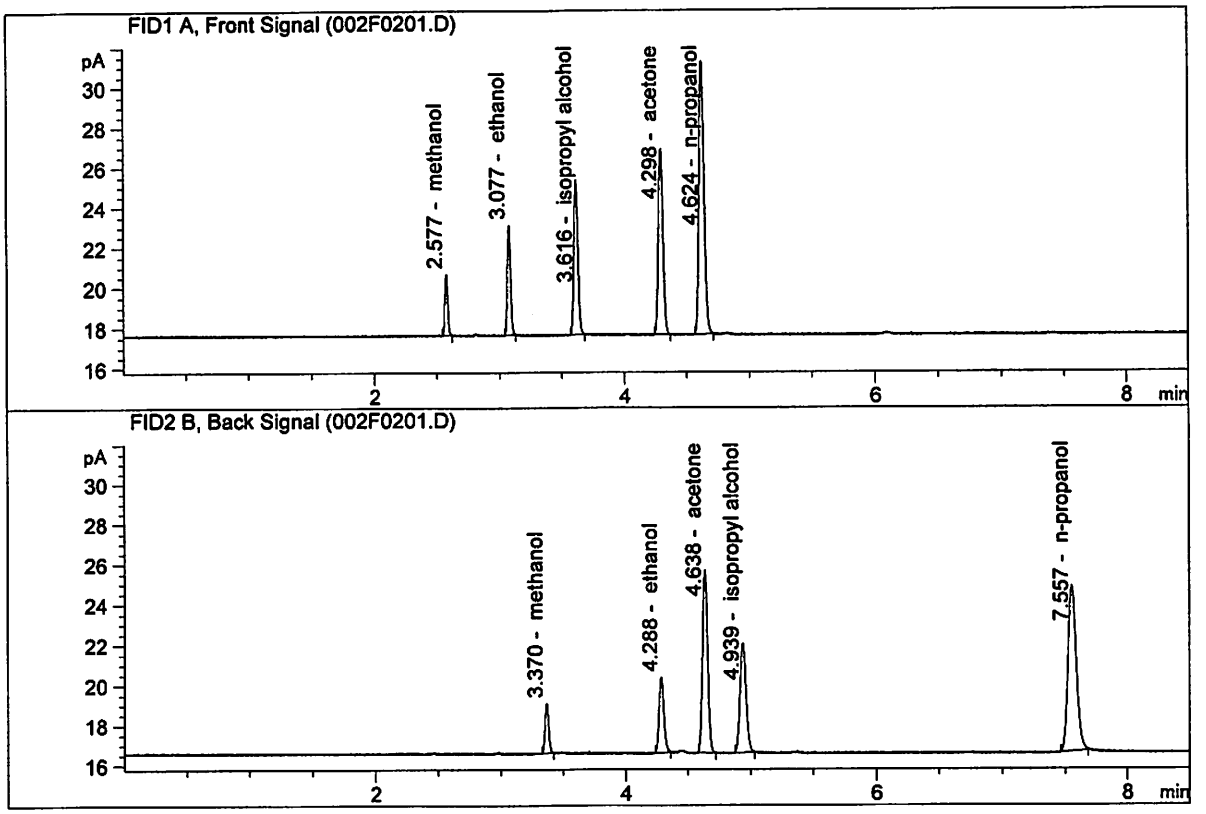


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	48.74772	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.39682	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.66162	0.1387	g/100cc
2.	Ethanol	Column 2:	9.91755	0.1395	g/100cc
3.	n-Propanol	Column 1:	38.27528	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.94267	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 14 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0781	0.0780	0.0001	0.0780	0.0783	
(g/100cc)	0.0782	0.0789	0.0007	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: ML600HC11378

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**

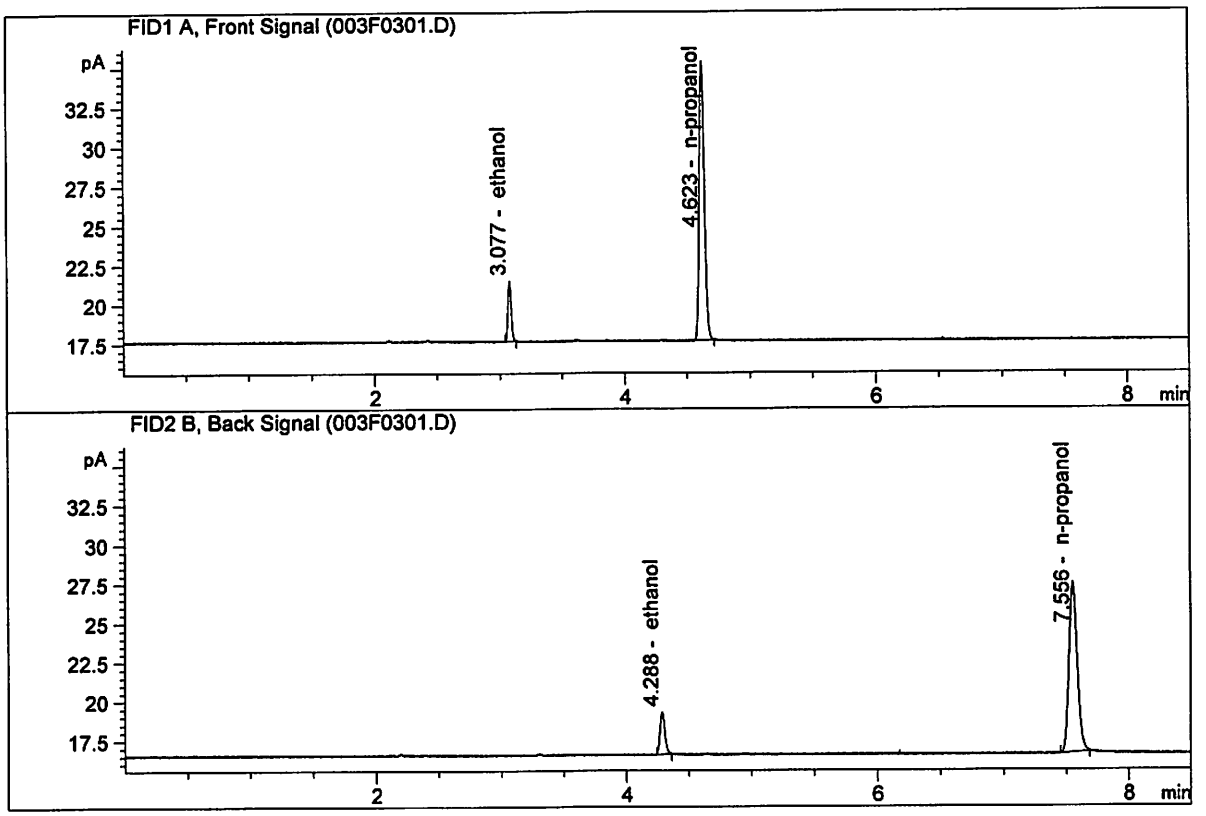
Reported Result

0.078

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

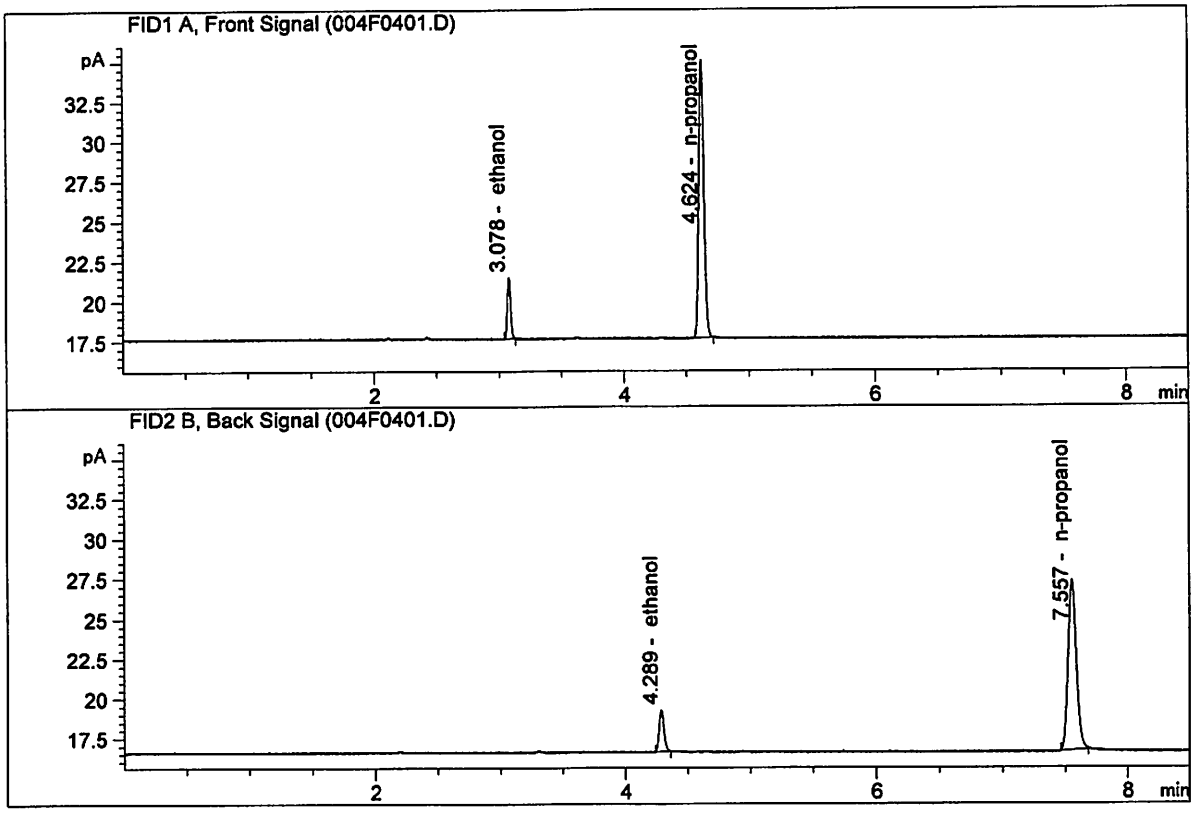
Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.08993	0.0781	g/100cc
2.	Ethanol	Column 2:	7.15180	0.0780	g/100cc
3.	n-Propanol	Column 1:	50.22155	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.89450	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.98766	0.0782	g/100cc
2.	Ethanol	Column 2:	7.07870	0.0789	g/100cc
3.	n-Propanol	Column 1:	49.41840	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.77725	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 14 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results (g/100cc)	0.0808	0.0804	0.0004	0.0806	0.0807	
	0.0806	0.0811	0.0005	0.0808		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number: ML600HC11378

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

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

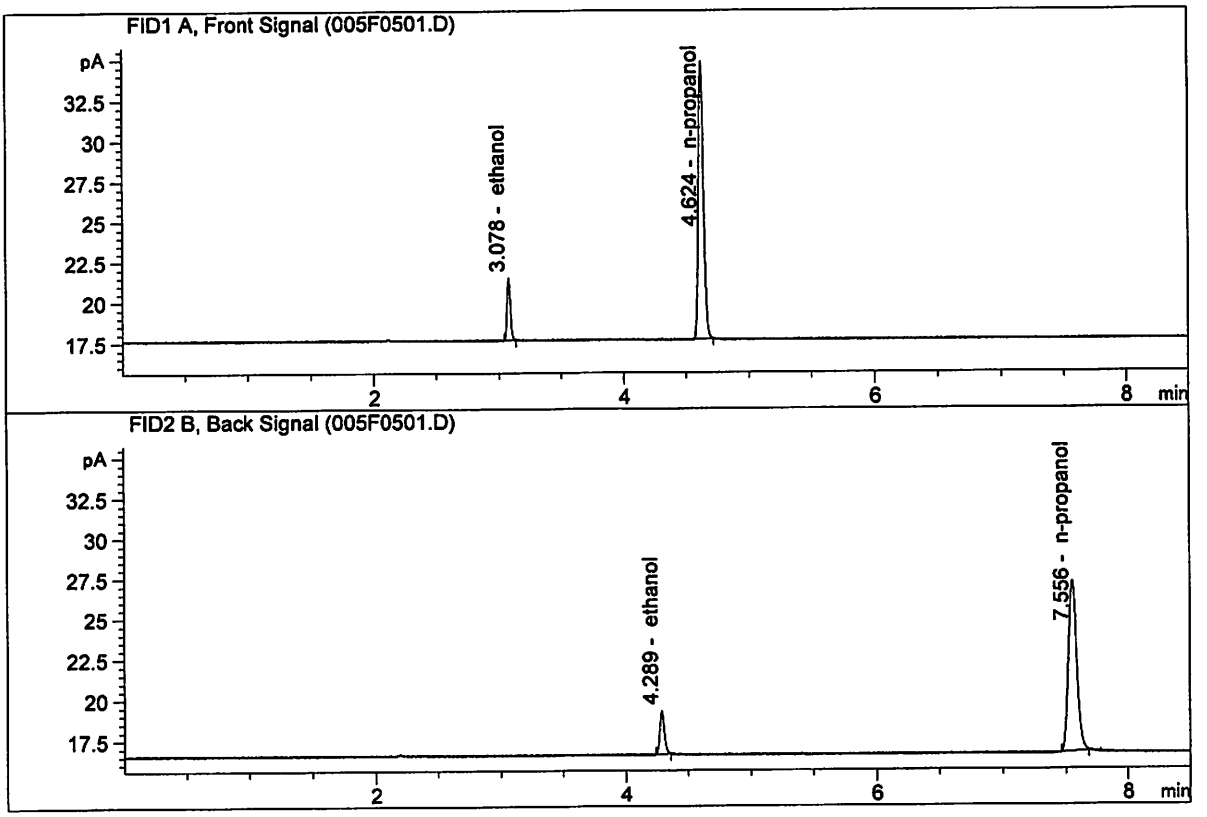
Reported Result

0.080

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

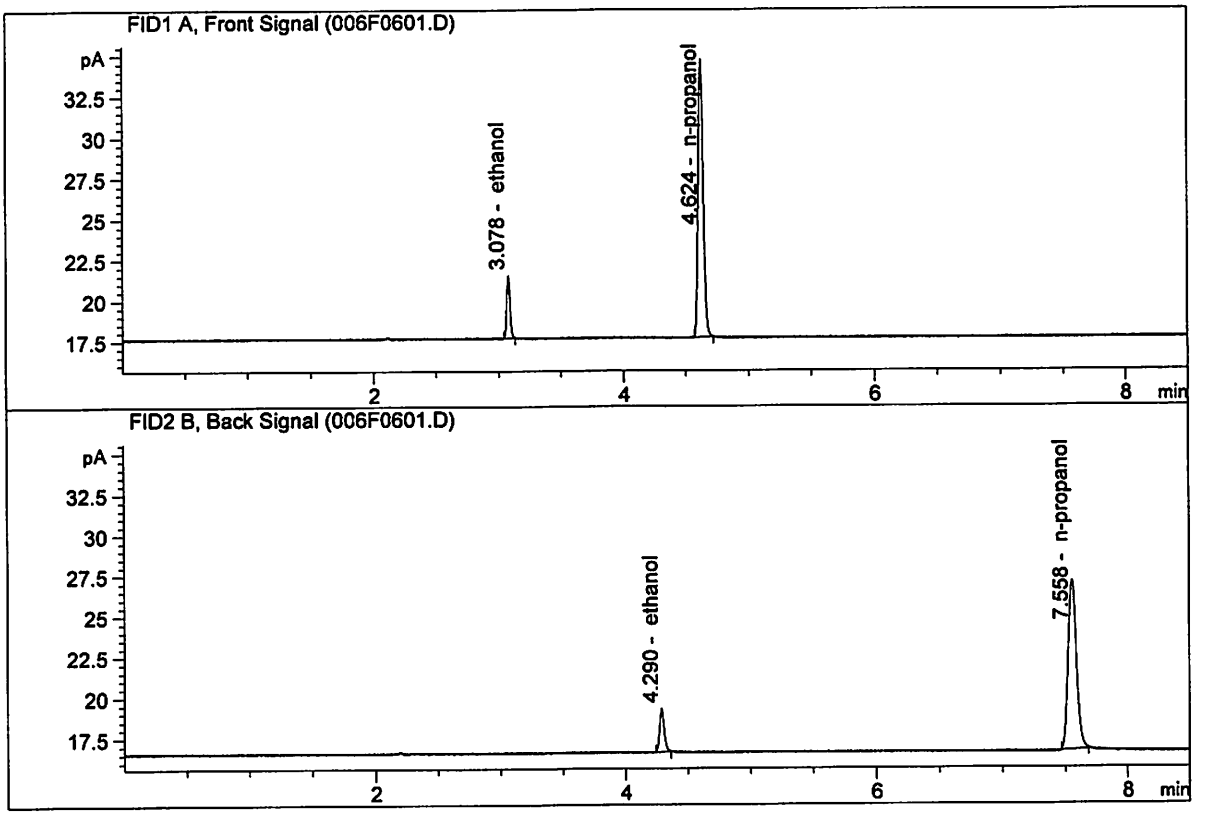
Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.12565	0.0808	g/100cc
2.	Ethanol	Column 2:	7.14266	0.0804	g/100cc
3.	n-Propanol	Column 1:	48.75024	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.17750	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.06046	0.0806	g/100cc
2.	Ethanol	Column 2:	7.13773	0.0811	g/100cc
3.	n-Propanol	Column 1:	48.43328	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.68539	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 14 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1993	0.1989	0.0004	0.1991	0.1996	
(g/100cc)	0.2001	0.2003	0.0002	0.2002		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number: ML600HC11378

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.199	0.189	0.209	0.010

Reported Result

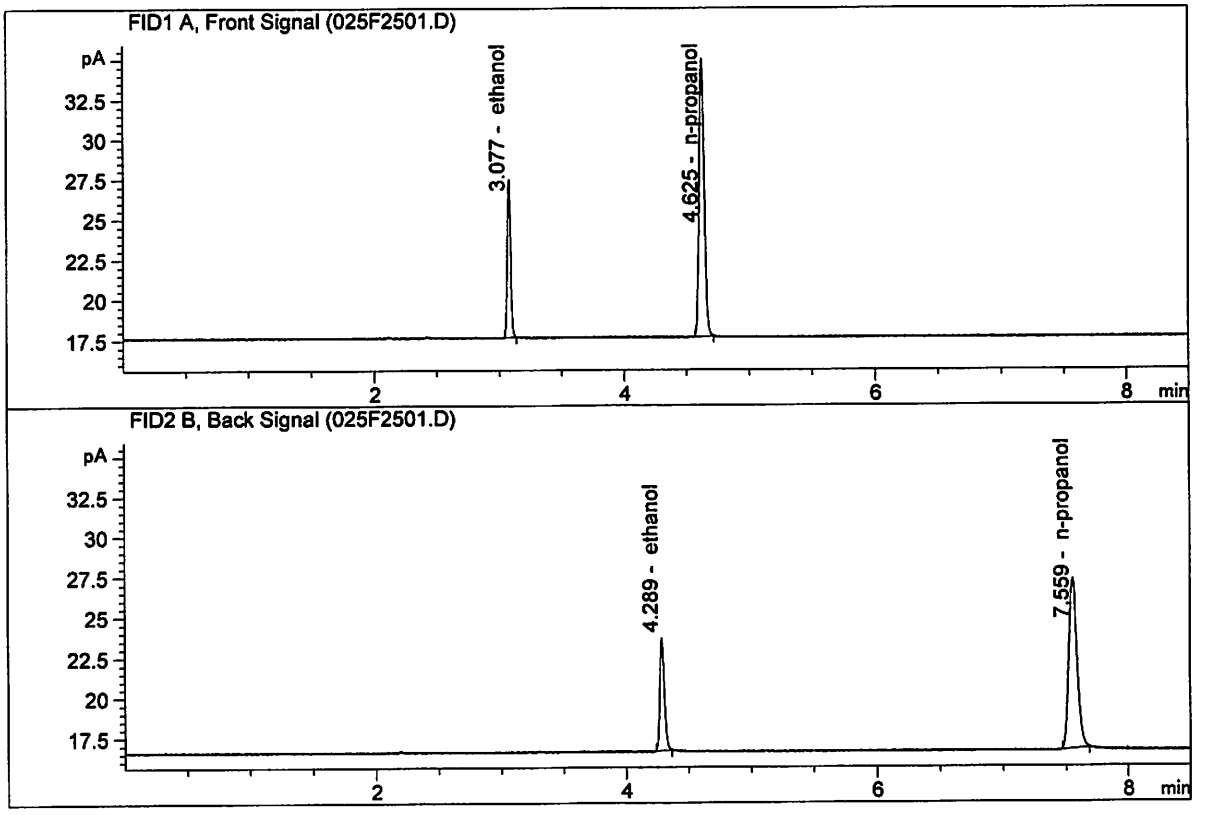
0.199

Calibration and control data are stored centrally.

JL

ISP Forensic Services Blood Alcohol Report

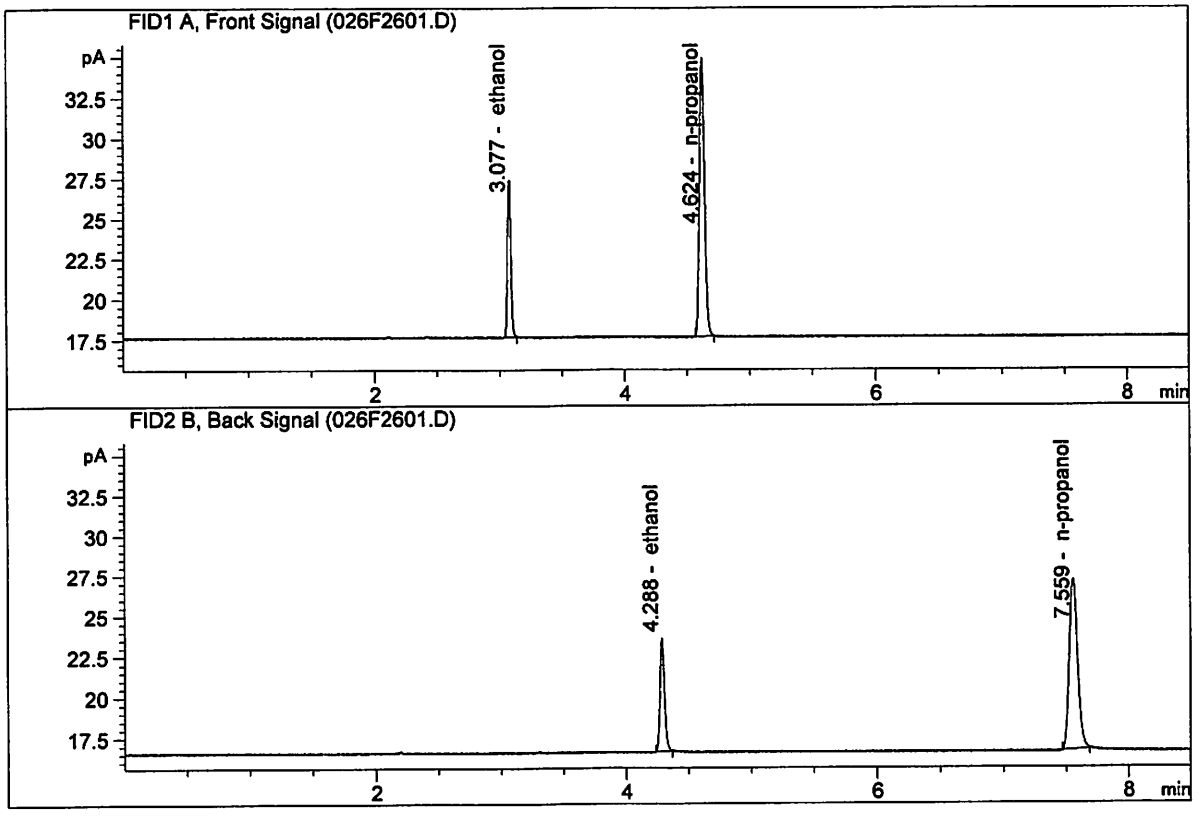
Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.91311	0.1993	g/100cc
2.	Ethanol	Column 2:	18.57260	0.1989	g/100cc
3.	n-Propanol	Column 1:	49.26403	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.54499	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.84120	0.2001	g/100cc
2.	Ethanol	Column 2:	18.54147	0.2003	g/100cc
3.	n-Propanol	Column 1:	48.87154	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.09764	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 14 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0822	0.0831	0.0009	0.0826	0.0822	
(g/100cc)	0.0812	0.0824	0.0012	0.0818		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number: ML600HC11378

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.082	0.077	0.087	0.005

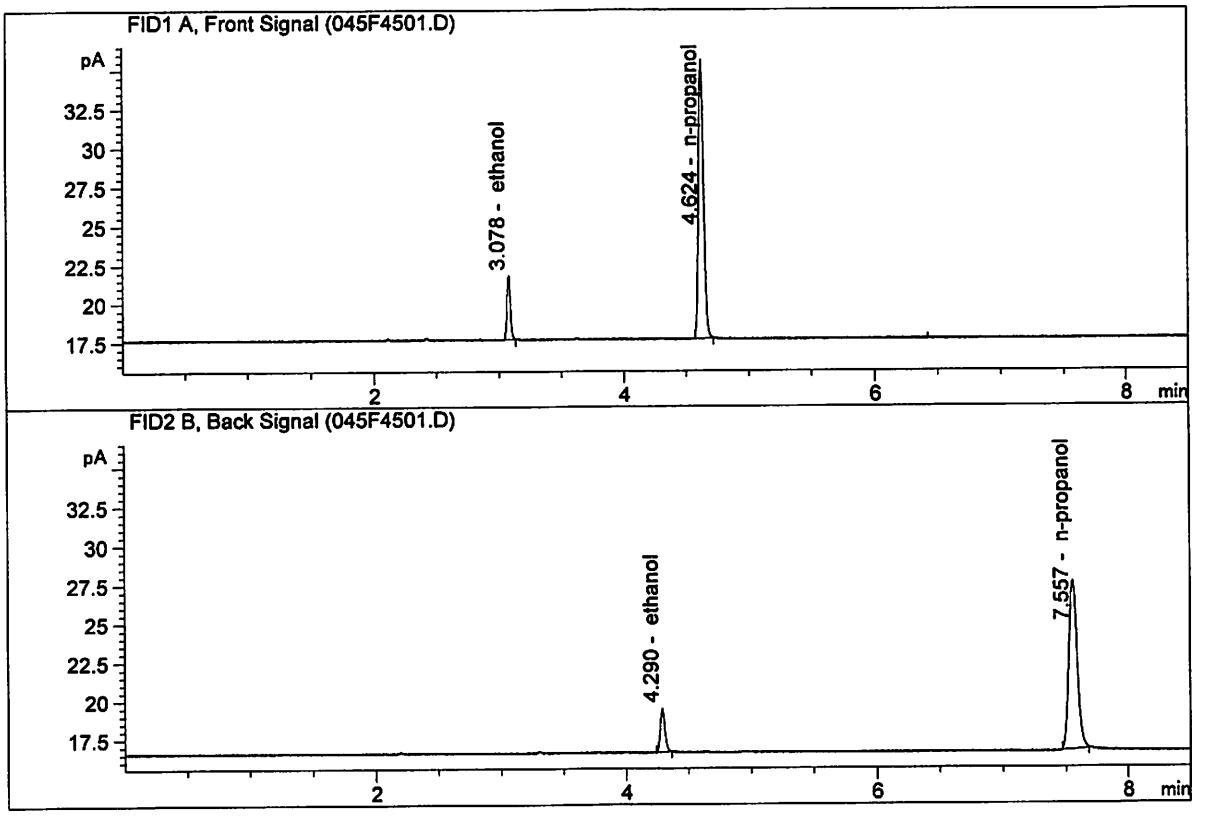
Reported Result

0.082

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

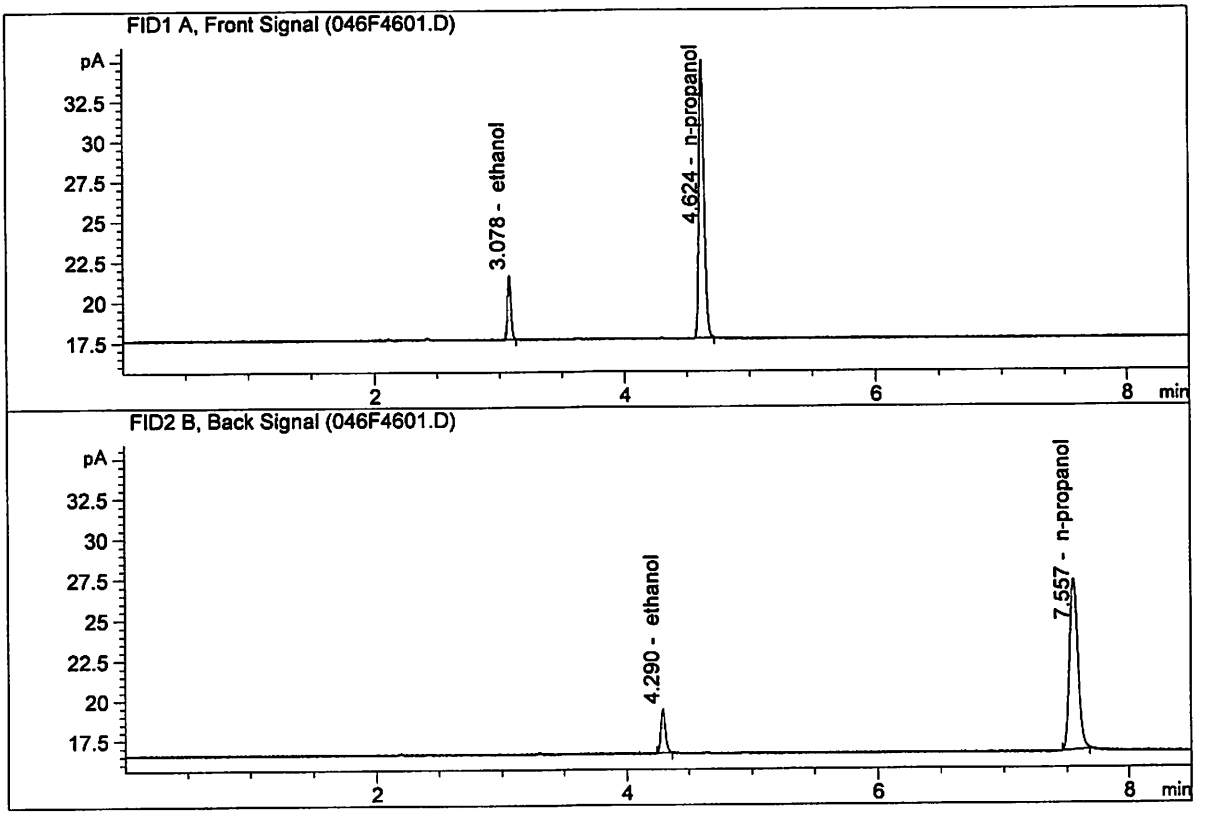


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.56312	0.0822	g/100cc
2.	Ethanol	Column 2:	7.67878	0.0831	g/100cc
3.	n-Propanol	Column 1:	50.83017	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.05529	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Nov 14, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

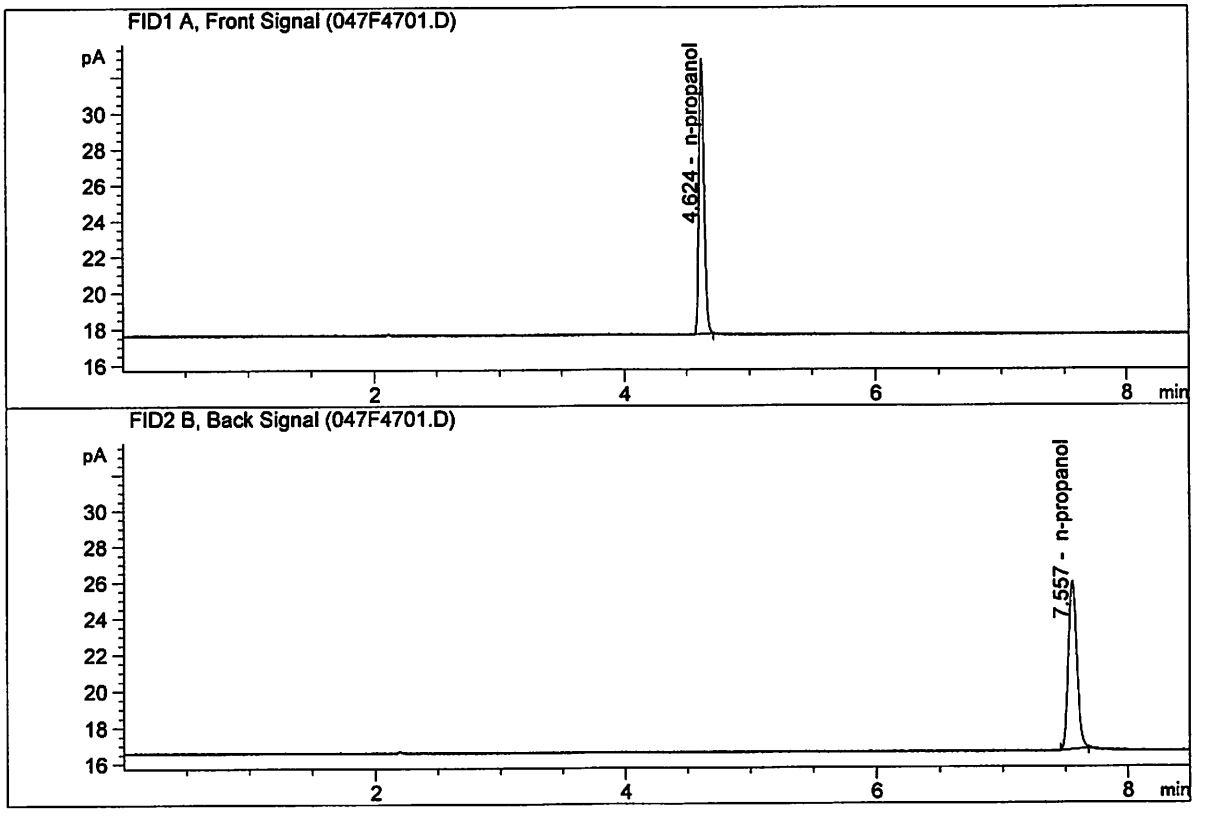


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.20804	0.0812	g/100cc
2.	Ethanol	Column 2:	7.33688	0.0824	g/100cc
3.	n-Propanol	Column 1:	49.07190	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.23836	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Nov 14, 2018
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:	43.39075	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.37977	1.0000	g/100cc

JC

Sequence File C:\Chem32\...8_SAMPLES\11-14-18_SAMPLES 2018-11-14 11-40-16\11-14-18_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\11-14-18_SAMPLES\11-14-18_SAMPLES 2018-11-14 11-40-16\11 14-18_SAMPLES.S
Data directory path: C:\Chem32\1\Data\11-14-18_SAMPLES\11-14-18_SAMPLES 2018-11-14 11-40-16\
Logbook: C:\Chem32\1\Data\11-14-18_SAMPLES\11-14-18_SAMPLES 2018-11-14 11-40-16\11 14-18_SAMPLES.LOG
Sequence start: 11/14/2018 11:55:00 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\11-14-18_SAMPLES\11-14-18_SAMPLES 2018-11-14 11-40-16 \ALCOHOL.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	Cmp
1	1	1	INTERNAL STD BLK	-	1.0000	001F0101.D		2
2	2	1	MIX VOL FN060415	-	1.0000	002F0201.D		10
3	3	1	QC1-1-A	-	1.0000	003F0301.D		4
4	4	1	QC1-1-B	-	1.0000	004F0401.D		4
5	5	1	0.08 FN04171701-	-	1.0000	005F0501.D		4
6	6	1	0.08 FN04171701-	-	1.0000	006F0601.D		4
7	7	1	M2018-5546-1-A	-	1.0000	007F0701.D		2
8	8	1	M2018-5546-1-B	-	1.0000	008F0801.D		2
9	9	1	M2018-5548-1-A	-	1.0000	009F0901.D		4
10	10	1	M2018-5548-1-B	-	1.0000	010F1001.D		4
11	11	1	M2018-5579-1-A	-	1.0000	011F1101.D		4
12	12	1	M2018-5579-1-B	-	1.0000	012F1201.D		4
13	13	1	M2018-5580-1-A	-	1.0000	013F1301.D		4
14	14	1	M2018-5580-1-B	-	1.0000	014F1401.D		4
15	15	1	M2018-5592-1-A	-	1.0000	015F1501.D		2
16	16	1	M2018-5592-1-B	-	1.0000	016F1601.D		2
17	17	1	M2018-5592-2-A	-	1.0000	017F1701.D		2
18	18	1	M2018-5592-2-B	-	1.0000	018F1801.D		2
19	19	1	M2018-5593-1-A	-	1.0000	019F1901.D		4
20	20	1	M2018-5593-1-B	-	1.0000	020F2001.D		4
21	21	1	M2018-5594-1-A	-	1.0000	021F2101.D		2
22	22	1	M2018-5594-1-B	-	1.0000	022F2201.D		2
23	23	1	M2018-5594-2-A	-	1.0000	023F2301.D		2
24	24	1	M2018-5594-2-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	M2018-5596-1-A	-	1.0000	027F2701.D		4
28	28	1	M2018-5596-1-B	-	1.0000	028F2801.D		4
29	29	1	M2018-5597-1-A	-	1.0000	029F2901.D		2
30	30	1	M2018-5597-1-B	-	1.0000	030F3001.D		2
31	31	1	M2018-5598-1-A	-	1.0000	031F3101.D		4
32	32	1	M2018-5598-1-B	-	1.0000	032F3201.D		4
33	33	1	M2018-5619-1-A	-	1.0000	033F3301.D		4
34	34	1	M2018-5619-1-B	-	1.0000	034F3401.D		4
35	35	1	M2018-5620-1-A	-	1.0000	035F3501.D		4
36	36	1	M2018-5620-1-B	-	1.0000	036F3601.D		4
37	37	1	M2018-5626-1-A	-	1.0000	037F3701.D		4
38	38	1	M2018-5626-1-B	-	1.0000	038F3801.D		4
39	39	1	M2018-5627-1-A	-	1.0000	039F3901.D		4
40	40	1	M2018-5627-1-B	-	1.0000	040F4001.D		4
41	41	1	M2018-5628-1-A	-	1.0000	041F4101.D		4
42	42	1	M2018-5628-1-B	-	1.0000	042F4201.D		4
43	43	1	P2018-3178-5-A	-	1.0000	043F4301.D		2

Sequence File C:\Chem32\...8_SAMPLES\11-14-18_SAMPLES 2018-11-14 11-40-16\11-14-18_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	P2018-3178-5-B	-	1.0000	044F4401.D	2
45	45	1	QC1-2-A	-	1.0000	045F4501.D	4
46	46	1	QC1-2-B	-	1.0000	046F4601.D	4
47	47	1	INTERNAL STD BLK	-	1.0000	047F4701.D	2

Method file name: C:\Chem32\1\Data\11-14-18_SAMPLES\11-14-18_SAMPLES 2018-11-14 11-40-16 \SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
48	48	1	EMPTY	-	1.0000	048F4801.D	0

JC