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: 11/6/18 - 11/7/18

Calibration Date: 10/31/18

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0780 g/100cc
					0.0820 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2014 g/100cc
					0.2070 g/100cc
					g/100cc

Multi-Component mixture:	**Exp date: Sept. 2022**	**Lot #**	FN06041502	OK
Curve Fit:	**Column 1**	0.99997	**Column2**	0.99998

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	0.0499	0.0512	0.0013	0.0505
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Aug-21	FN08101601	0.100	0.090 - 0.110	0.0993	0.0994	0.0001	0.0993
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1995	0.1986	0.0009	0.199
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.3022	0.3007	0.0015	0.3014
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Sep-21	FN08031602	0.500	0.450 - 0.550	0.4990	0.5002	0.0012	0.4996

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

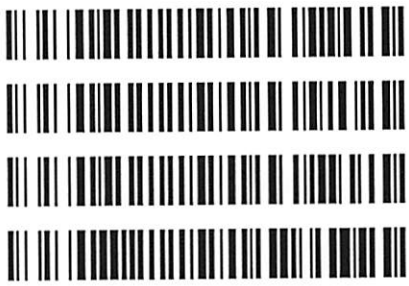
~Any information on this document can be changed for laboratory use, except for the precision and mean determination fomulas.

Worklist: 2784

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2018-5391	1	130475	Alcohol Analysis
M2018-5421	1	130530	Alcohol Analysis
M2018-5422	1	130534	Alcohol Analysis
M2018-5423	1	130542	Alcohol Analysis
M2018-5429	1	130606	Alcohol Analysis
M2018-5444	1	130654	Alcohol Analysis
M2018-5456	1	130719	Alcohol Analysis
M2018-5467	1	130739	Alcohol Analysis
M2018-5468	1	130740	Alcohol Analysis
M2018-5469	1	130741	Alcohol Analysis
M2018-5470	1	130745	Alcohol Analysis
M2018-5471	1	130746	Alcohol Analysis
M2018-5472	1	130747	Alcohol Analysis
M2018-5485	1	130798	Alcohol Analysis
M2018-5505	1	130911	Alcohol Analysis
M2018-5506	1	130912	Alcohol Analysis
M2018-5513	1	130972	Alcohol Analysis
M2018-5519	1	130986	Alcohol Analysis
M2018-5520	1	130990	Alcohol Analysis
M2018-5521	1	130995	Alcohol Analysis
M2018-5523	1	130999	Alcohol Analysis
M2018-5530	1	131088	Alcohol Analysis
M2018-5531	1	131089	Alcohol Analysis

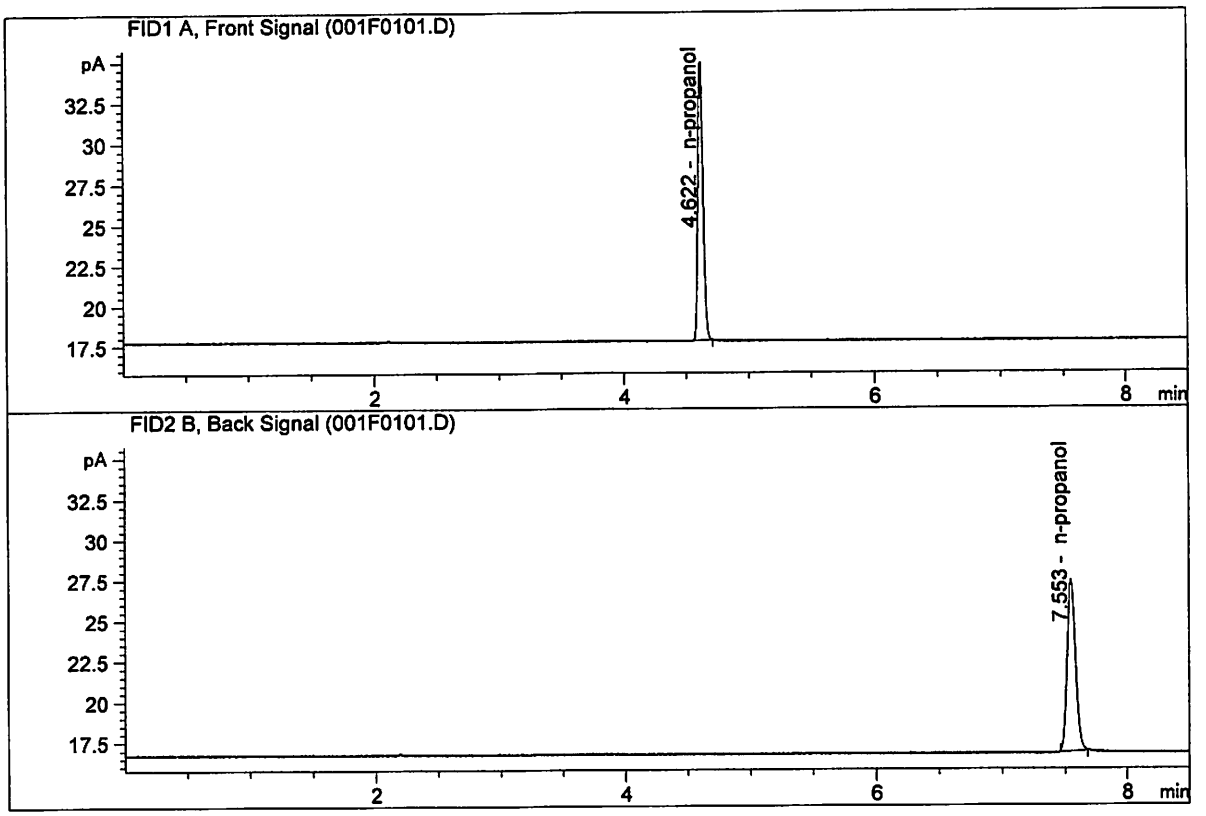
Worklist: 2784

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2018-5532	1	131093	Alcohol Analysis
M2018-5533	1	131094	Alcohol Analysis
M2018-5545	1	131139	Alcohol Analysis
P2018-3069	1	131359	Alcohol Analysis



ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Nov 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

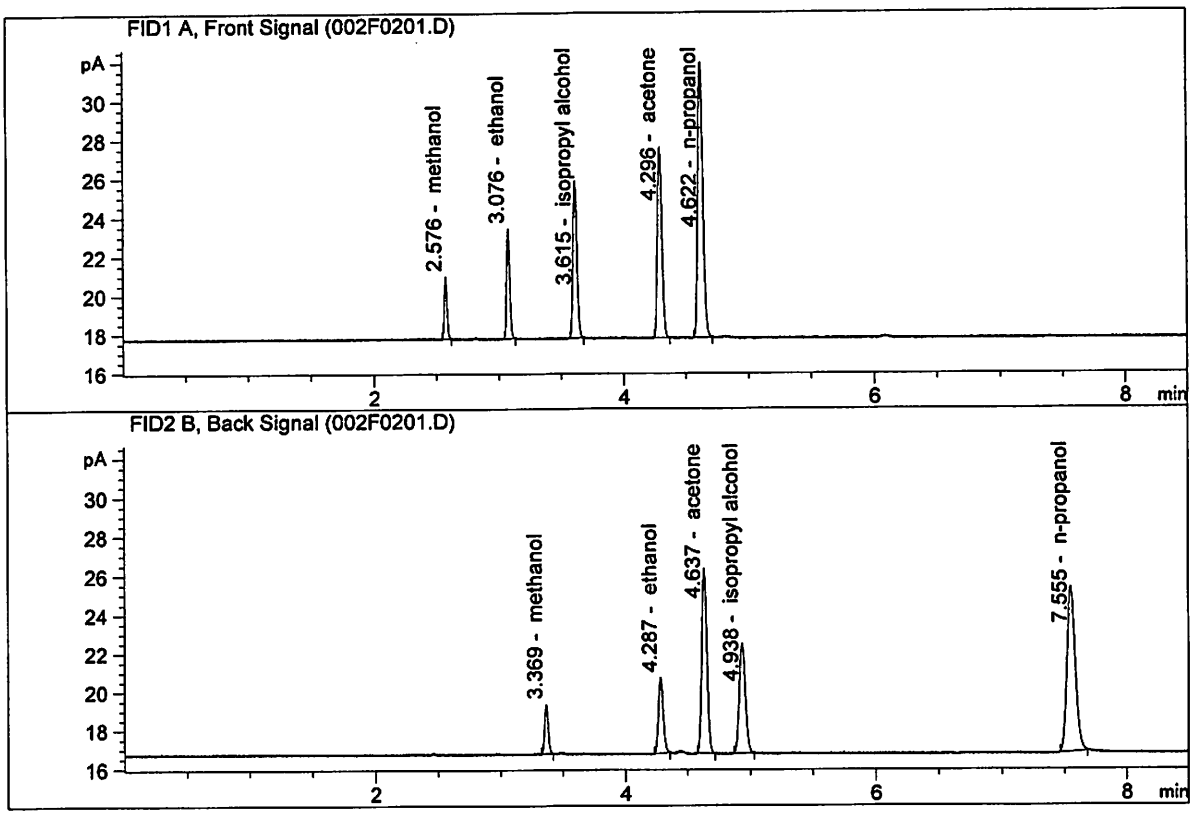


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	48.53528	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.82590	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
Laboratory : Meridian
Injection Date : Nov 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.97898	0.1382	g/100cc
2.	Ethanol	Column 2:	10.32856	0.1385	g/100cc
3.	n-Propanol	Column 1:	39.64515	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.90269	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 06 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0779	0.0790	0.0011	0.0784	0.0780	
(g/100cc)	0.0772	0.0782	0.0010	0.0777		

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**

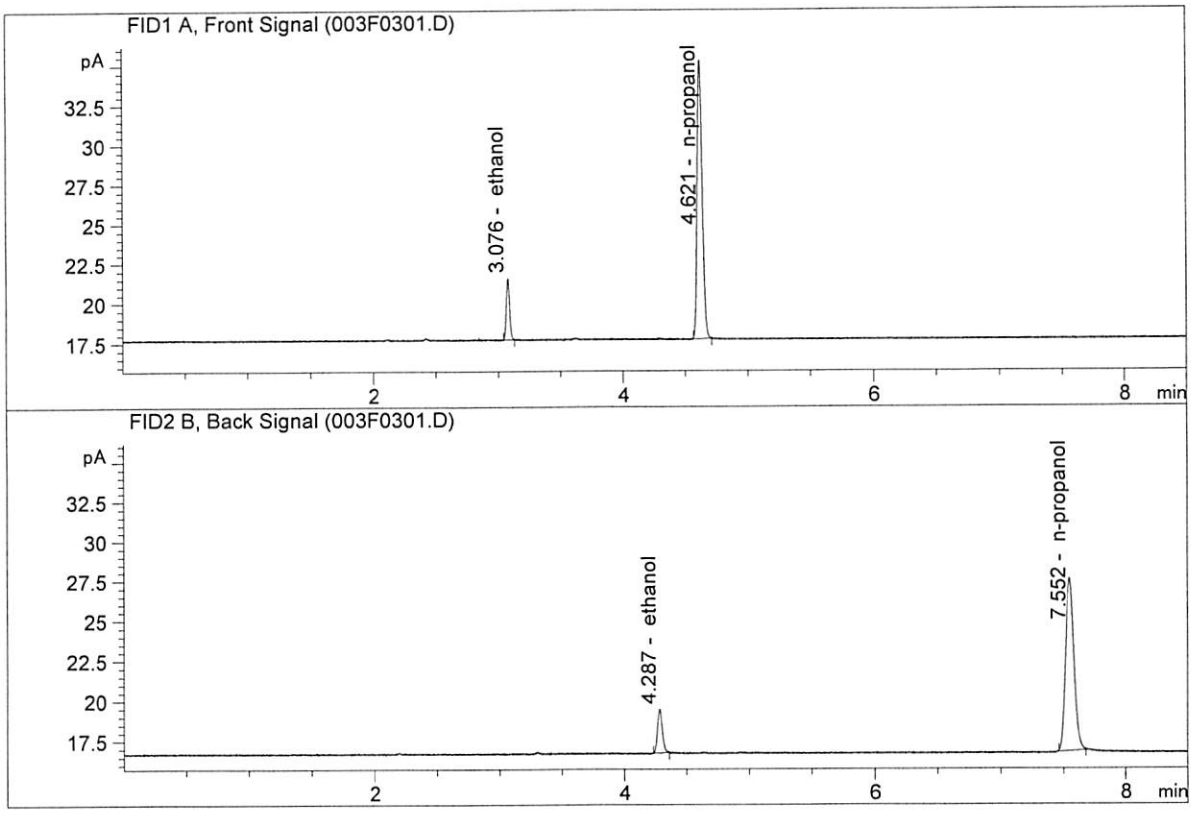
	Reported Result	
	0.078	

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

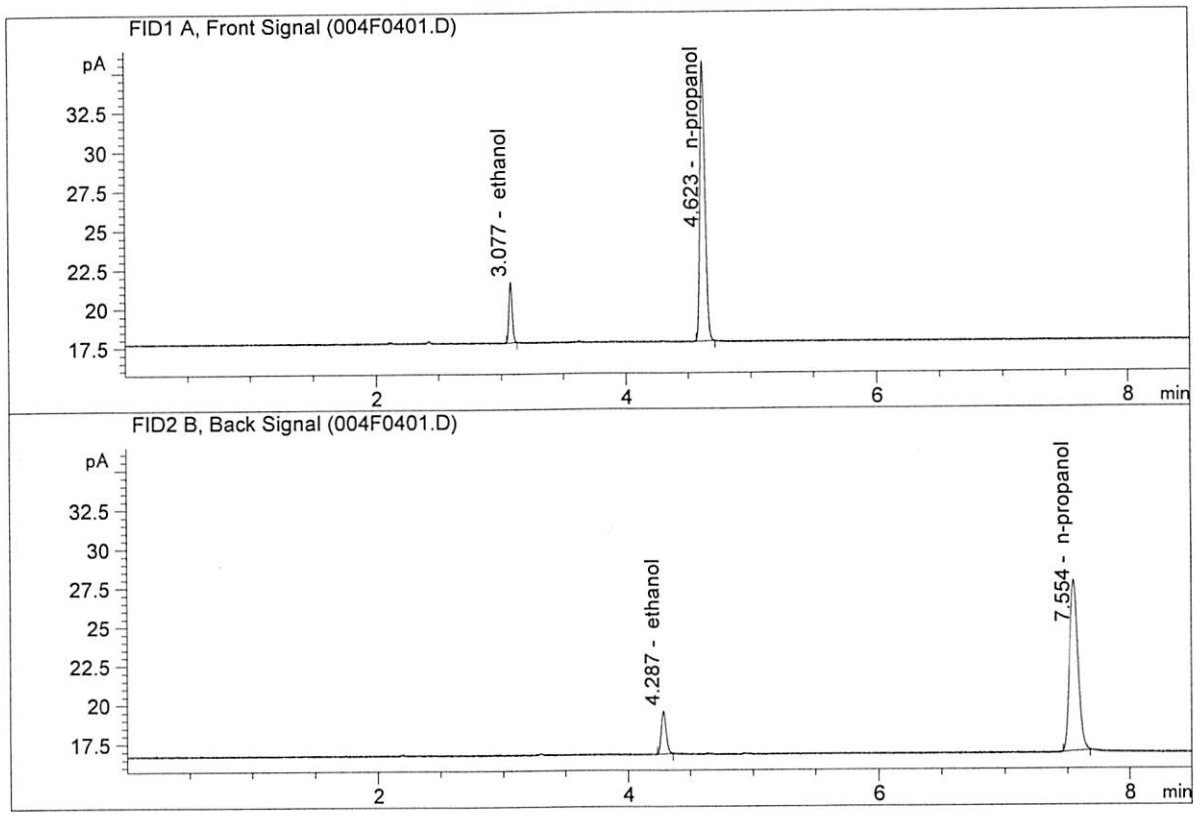
Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Nov 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.02980	0.0779	g/100cc
2.	Ethanol	Column 2:	7.23544	0.0790	g/100cc
3.	n-Propanol	Column 1:	49.70192	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.50632	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Nov 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.06412	0.0772	g/100cc
2.	Ethanol	Column 2:	7.25540	0.0782	g/100cc
3.	n-Propanol	Column 1:	50.35639	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.18936	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 06 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0797	0.0803	0.0006	0.0800	0.0801	
(g/100cc)	0.0799	0.0806	0.0007	0.0802		

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%**

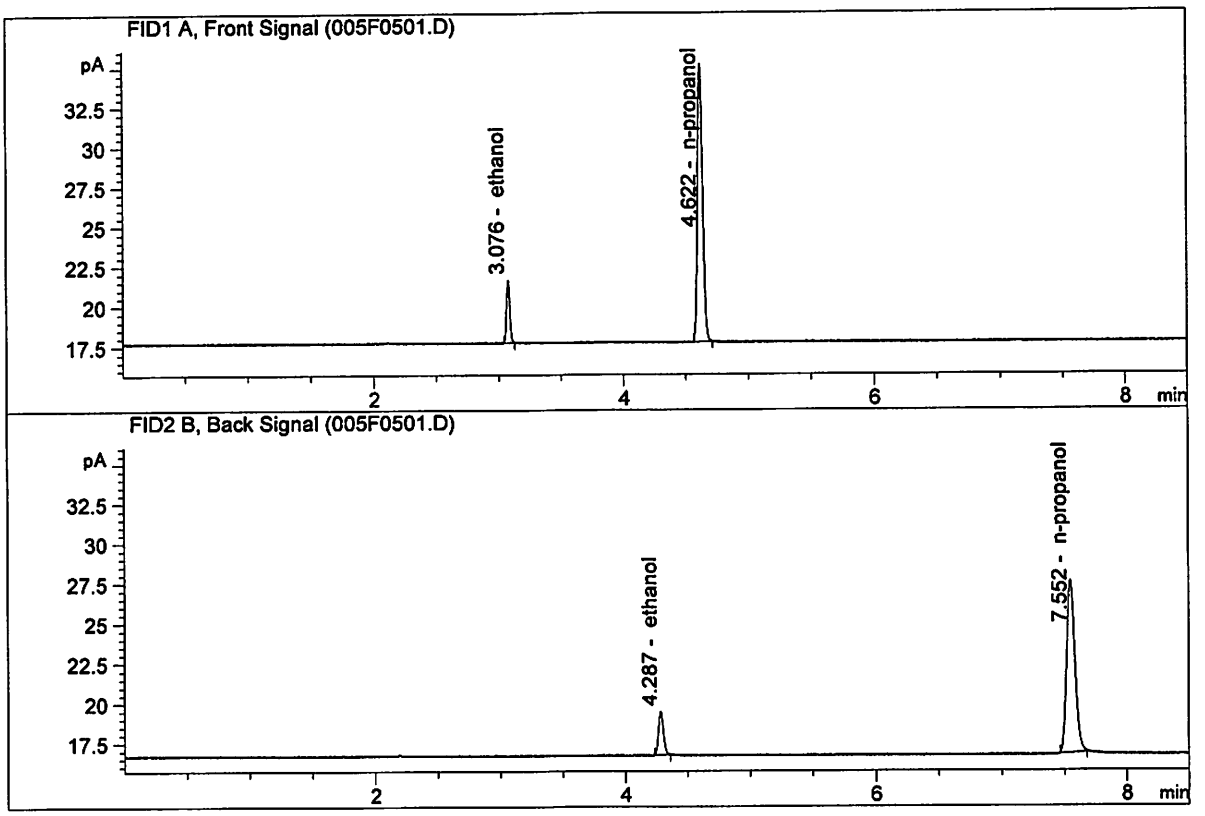
Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

Reported Result
0.080

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

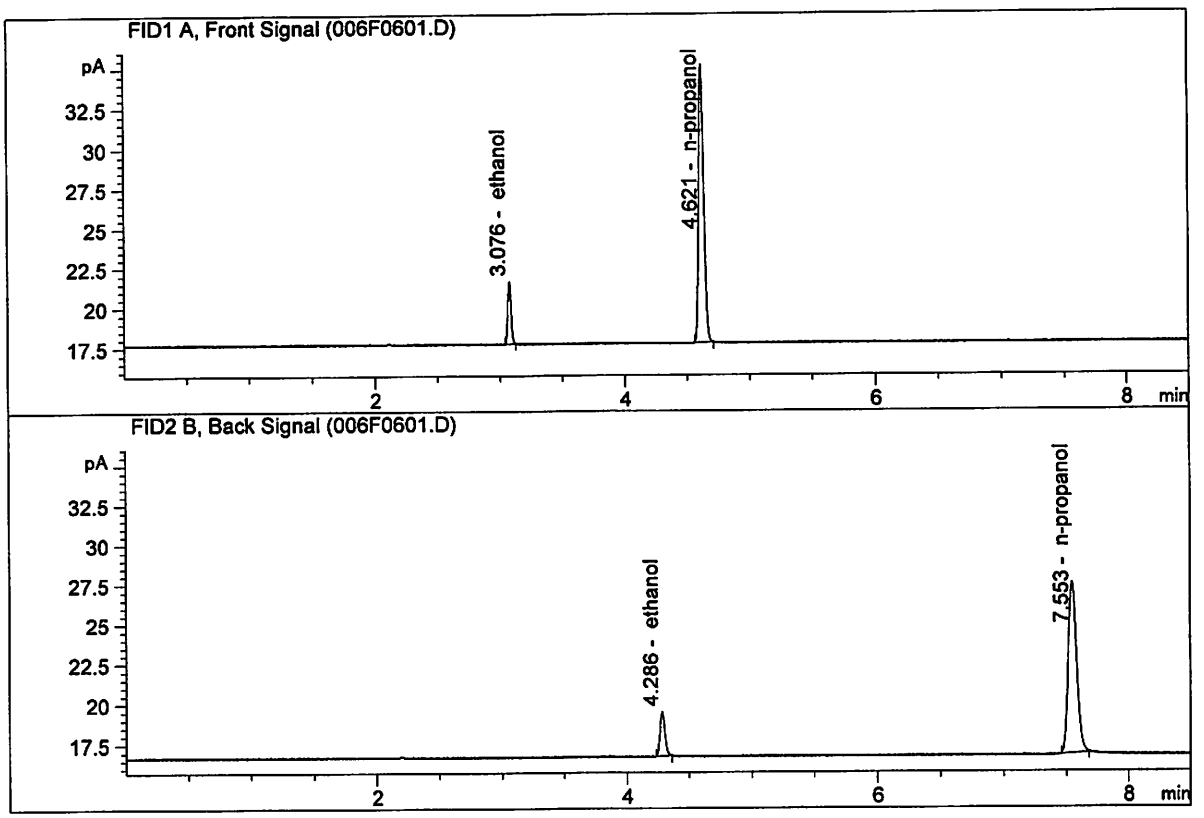
Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Nov 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.16961	0.0797	g/100cc
2.	Ethanol	Column 2:	7.31182	0.0803	g/100cc
3.	n-Propanol	Column 1:	49.51515	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.15492	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Nov 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.16295	0.0799	g/100cc
2.	Ethanol	Column 2:	7.32752	0.0806	g/100cc
3.	n-Propanol	Column 1:	49.32317	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.04593	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 06 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2008	0.2010	0.0002	0.2009	0.2014	
(g/100cc)	0.2020	0.2020	0.0000	0.2020		

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
0.201	**0.190**	**0.212**	**0.011**

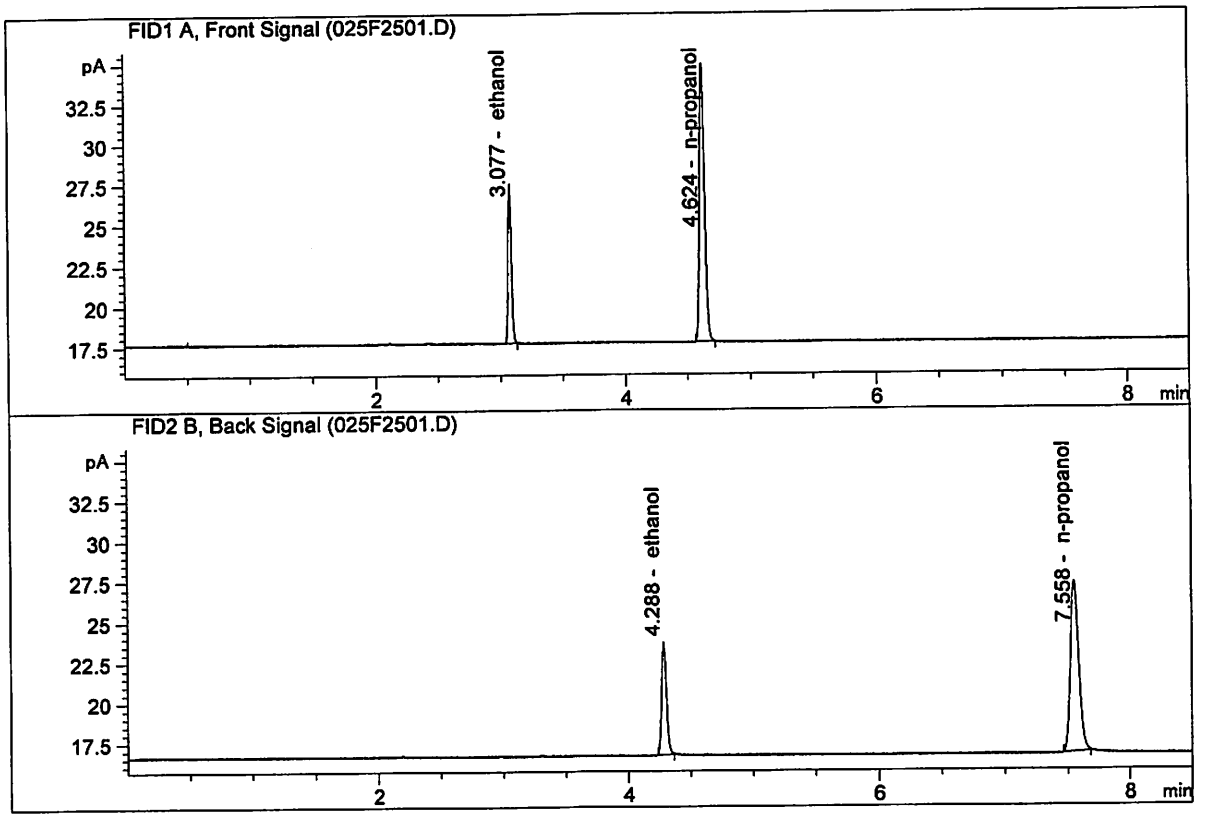
Reported Result

0.201

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Nov 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

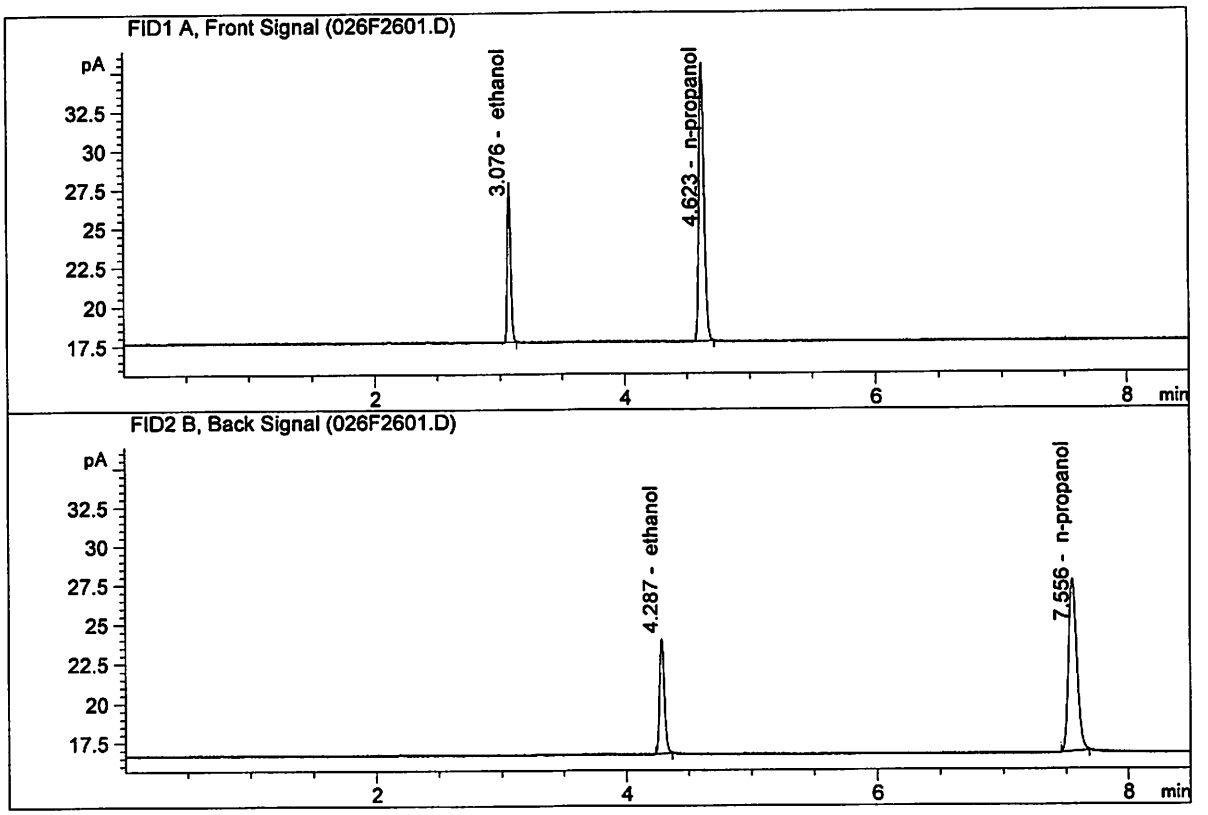


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.93880	0.2008	g/100cc
2.	Ethanol	Column 2:	18.63395	0.2010	g/100cc
3.	n-Propanol	Column 1:	49.00547	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.33900	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Nov 6, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.56418	0.2020	g/100cc
2.	Ethanol	Column 2:	19.31188	0.2020	g/100cc
3.	n-Propanol	Column 1:	50.41380	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.88944	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 07 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0817	0.0823	0.0006	0.0820	0.0820	
(g/100cc)	0.0818	0.0825	0.0007	0.0821		

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%**

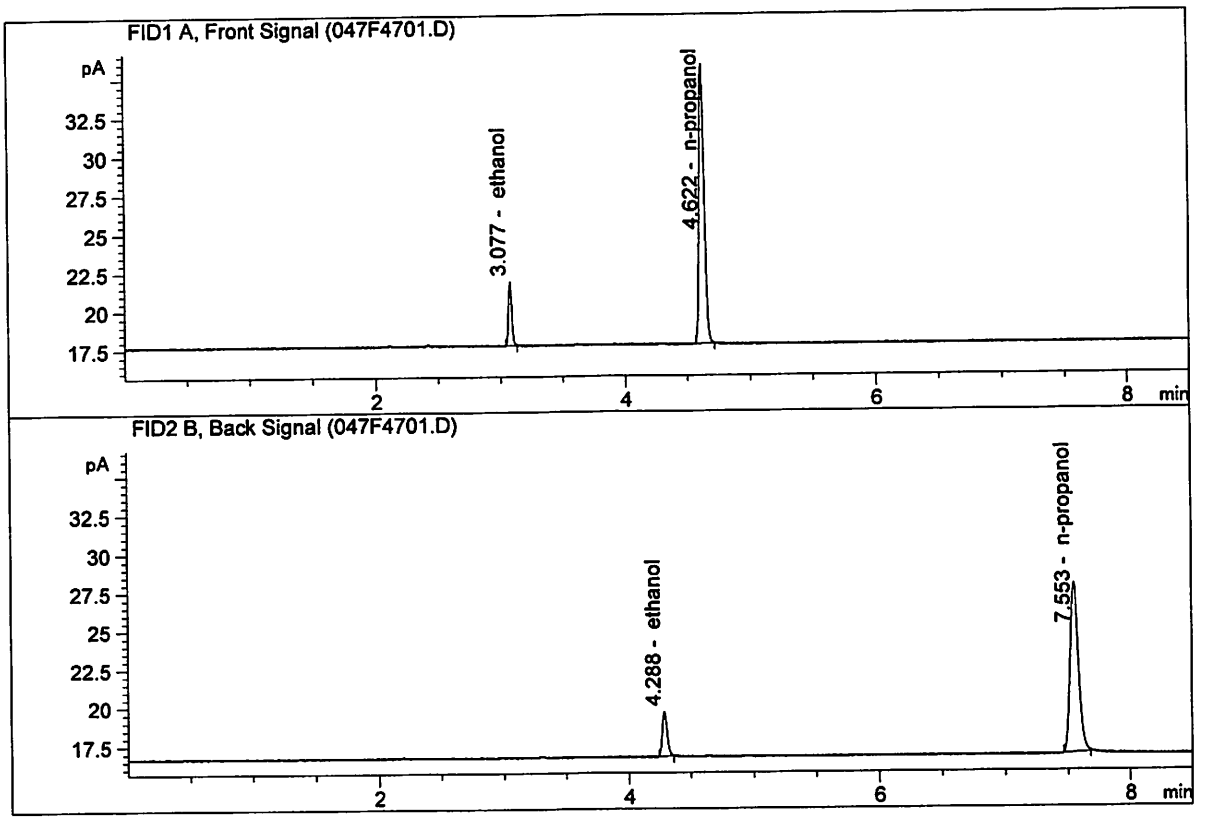
Overall Mean (g/100cc)	Low	High	5% of Mean
0.082	**0.077**	**0.087**	**0.005**

	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 7, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

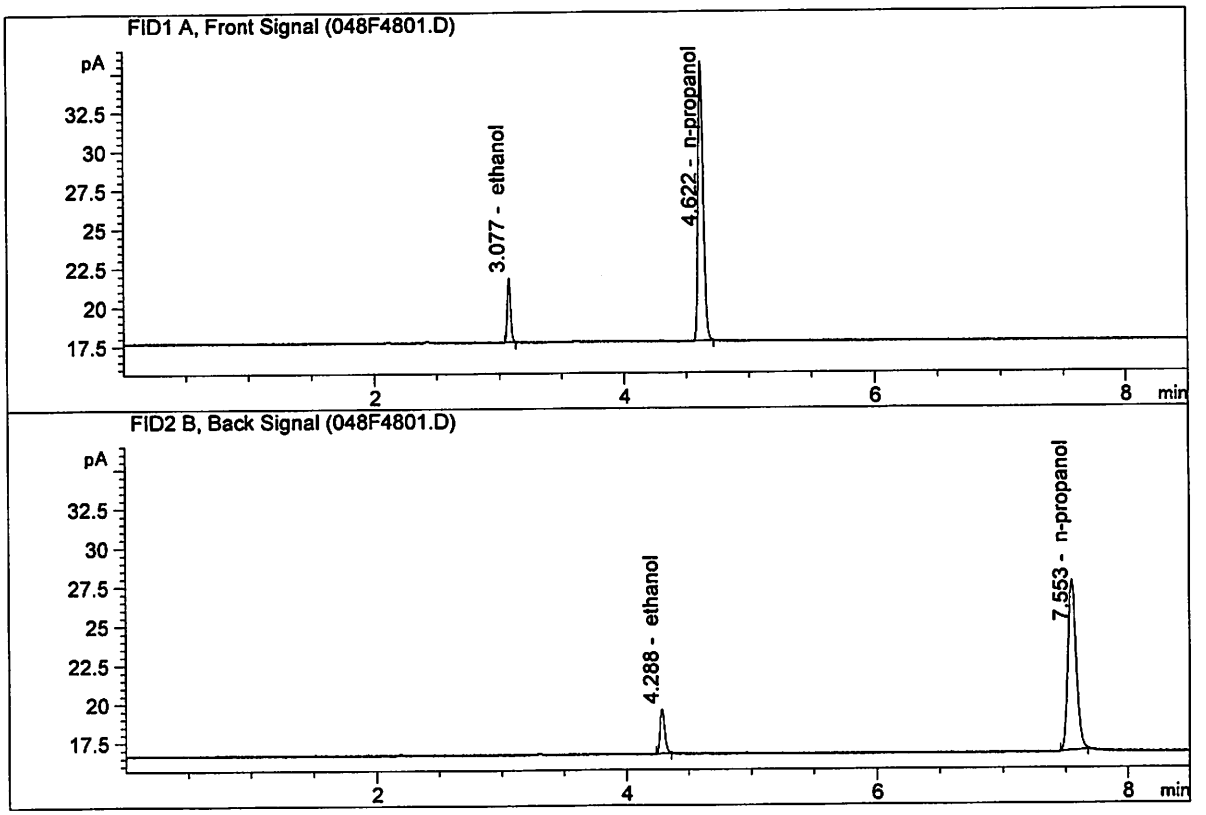


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.61041	0.0817	g/100cc
2.	Ethanol	Column 2:	7.71043	0.0823	g/100cc
3.	n-Propanol	Column 1:	51.23611	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.58202	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Nov 7, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.53381	0.0818	g/100cc
2.	Ethanol	Column 2:	7.64477	0.0825	g/100cc
3.	n-Propanol	Column 1:	50.70036	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.99280	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 07 Nov 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2093	0.2094	0.0001	0.2093	0.2070	
(g/100cc)	0.2047	0.2049	0.0002	0.2048		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

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

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.207	0.196	0.218	0.011

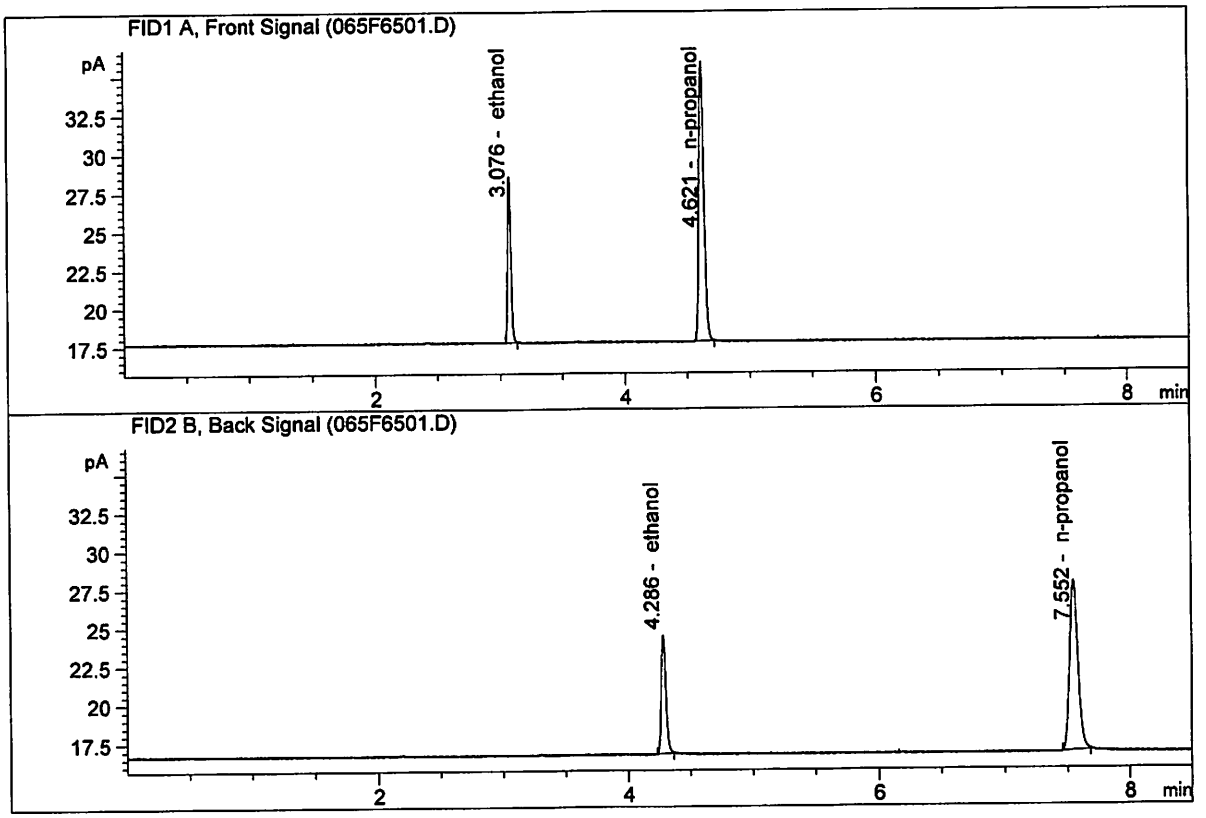
	Reported Result	
	0.207	

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : Nov 7, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

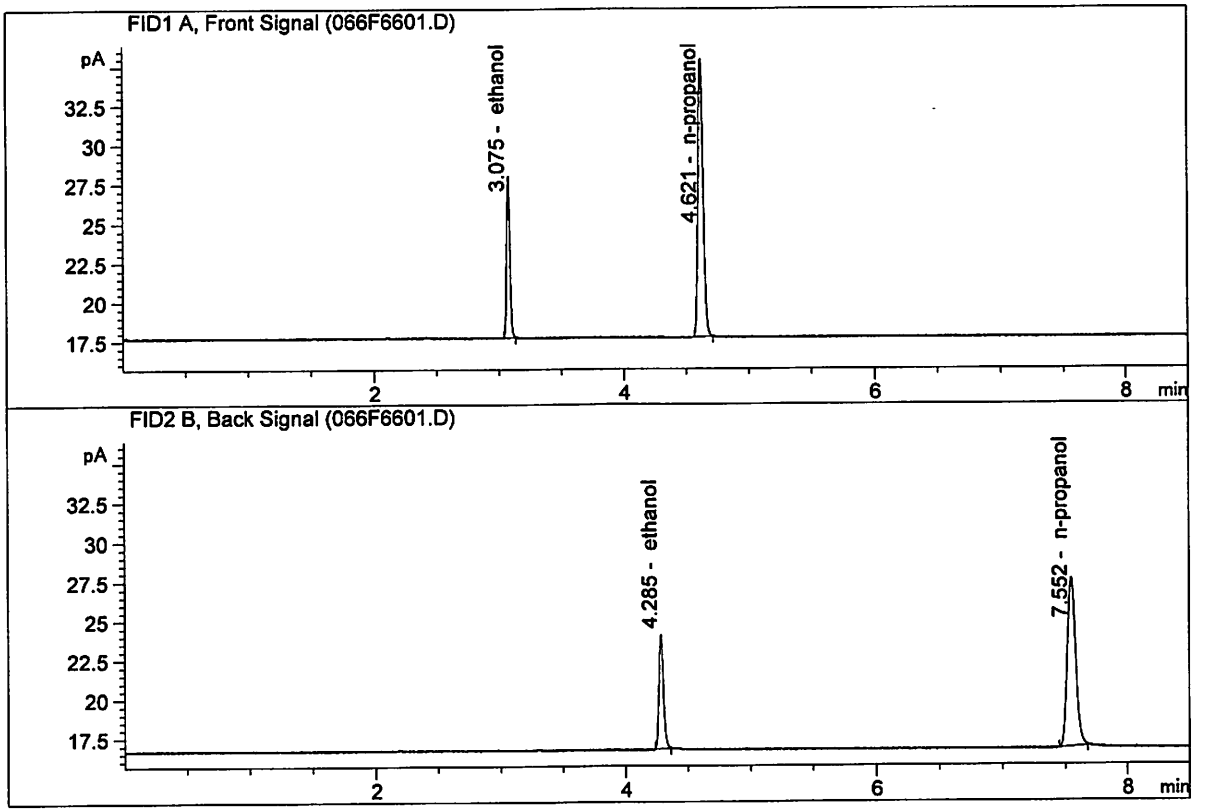


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.54125	0.2093	g/100cc
2.	Ethanol	Column 2:	20.29471	0.2094	g/100cc
3.	n-Propanol	Column 1:	51.21547	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.56152	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

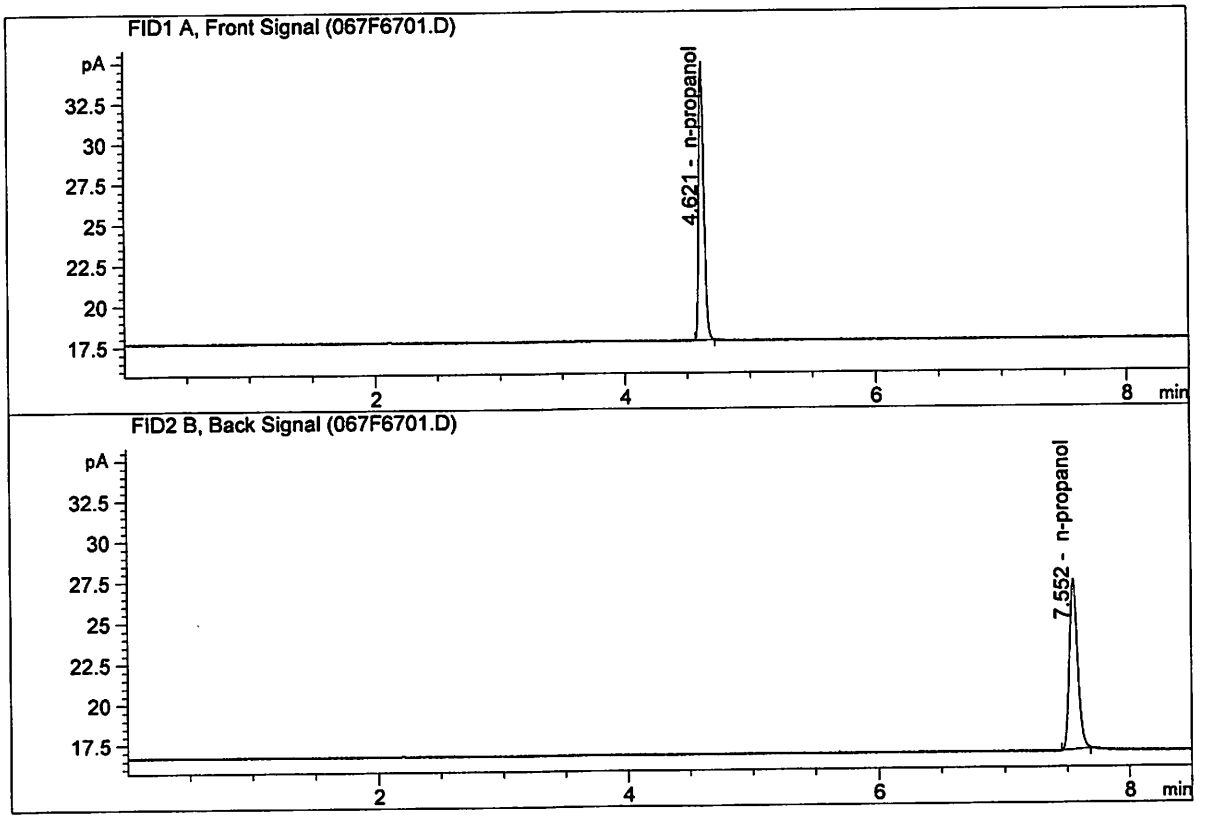
Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : Nov 7, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.77306	0.2047	g/100cc
2.	Ethanol	Column 2:	19.44959	0.2049	g/100cc
3.	n-Propanol	Column 1:	50.29904	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.51712	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Nov 7, 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:	48.67807	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.98236	1.0000	g/100cc

JL

Sequence File C:\Chem32\...8_SAMPLES\11-06-18_SAMPLES 2018-11-06 15-44-10\11-06-18_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\11-06-18_SAMPLES\11-06-18_SAMPLES 2018-11-06 15-44-10\11-06-18_SAMPLES.S
Data directory path: C:\Chem32\1\Data\11-06-18_SAMPLES\11-06-18_SAMPLES 2018-11-06 15-44-10\
Logbook: C:\Chem32\1\Data\11-06-18_SAMPLES\11-06-18_SAMPLES 2018-11-06 15-44-10\11-06-18_SAMPLES.LOG
Sequence start: 11/6/2018 3:59:02 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\11-06-18_SAMPLES\11-06-18_SAMPLES 2018-11-06 15-44-10\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	M2018-5391-1-A	-	1.0000	007F0701.D		4
8	8	1	M2018-5391-1-B	-	1.0000	008F0801.D		4
9	9	1	M2018-5421-1-A	-	1.0000	009F0901.D		4
10	10	1	M2018-5421-1-B	-	1.0000	010F1001.D		4
11	11	1	M2018-5422-1-A	-	1.0000	011F1101.D		4
12	12	1	M2018-5422-1-B	-	1.0000	012F1201.D		4
13	13	1	M2018-5423-1-A	-	1.0000	013F1301.D		4
14	14	1	M2018-5423-1-B	-	1.0000	014F1401.D		4
15	15	1	M2018-5429-1-A	-	1.0000	015F1501.D		4
16	16	1	M2018-5429-1-B	-	1.0000	016F1601.D		4
17	17	1	M2018-5444-1-A	-	1.0000	017F1701.D		4
18	18	1	M2018-5444-1-B	-	1.0000	018F1801.D		4
19	19	1	M2018-5456-1-A	-	1.0000	019F1901.D		4
20	20	1	M2018-5456-1-B	-	1.0000	020F2001.D		4
21	21	1	M2018-5467-1-A	-	1.0000	021F2101.D		4
22	22	1	M2018-5467-1-B	-	1.0000	022F2201.D		4
23	23	1	M2018-5468-1-A	-	1.0000	023F2301.D		4
24	24	1	M2018-5468-1-B	-	1.0000	024F2401.D		4
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	M2018-5469-1-A	-	1.0000	027F2701.D		4
28	28	1	M2018-5469-1-B	-	1.0000	028F2801.D		4
29	29	1	M2018-5470-1-A	-	1.0000	029F2901.D		4
30	30	1	M2018-5470-1-B	-	1.0000	030F3001.D		4
31	31	1	M2018-5471-1-A	-	1.0000	031F3101.D		4
32	32	1	M2018-5471-1-B	-	1.0000	032F3201.D		4
33	33	1	M2018-5472-1-A	-	1.0000	033F3301.D		4
34	34	1	M2018-5472-1-B	-	1.0000	034F3401.D		4
35	35	1	M2018-5485-1-A	-	1.0000	035F3501.D		4
36	36	1	M2018-5485-1-B	-	1.0000	036F3601.D		4
37	37	1	M2018-5505-1-A	-	1.0000	037F3701.D		4
38	38	1	M2018-5505-1-B	-	1.0000	038F3801.D		4
39	39	1	M2018-5506-1-A	-	1.0000	039F3901.D		6
40	40	1	M2018-5506-1-B	-	1.0000	040F4001.D		6
41	41	1	M2018-5513-1-A	-	1.0000	041F4101.D		4
42	42	1	M2018-5513-1-B	-	1.0000	042F4201.D		4
43	43	1	M2018-5519-1-A	-	1.0000	043F4301.D		4

 JC

Sequence File C:\Chem32\...8_SAMPLES\11-06-18_SAMPLES 2018-11-06 15-44-10\11-06-18_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2018-5519-1-B	-	1.0000	044F4401.D	4
45	45	1	M2018-5520-1-A	-	1.0000	045F4501.D	4
46	46	1	M2018-5520-1-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	M2018-5521-1-A	-	1.0000	049F4901.D	4
50	50	1	M2018-5521-1-B	-	1.0000	050F5001.D	4
51	51	1	M2018-5523-1-A	-	1.0000	051F5101.D	4
52	52	1	M2018-5523-1-B	-	1.0000	052F5201.D	4
53	53	1	M2018-5530-1-A	-	1.0000	053F5301.D	4
54	54	1	M2018-5530-1-B	-	1.0000	054F5401.D	4
55	55	1	M2018-5531-1-A	-	1.0000	055F5501.D	4
56	56	1	M2018-5531-1-B	-	1.0000	056F5601.D	4
57	57	1	M2018-5532-1-A	-	1.0000	057F5701.D	4
58	58	1	M2018-5532-1-B	-	1.0000	058F5801.D	4
59	59	1	M2018-5533-1-A	-	1.0000	059F5901.D	4
60	60	1	M2018-5533-1-B	-	1.0000	060F6001.D	4
61	61	1	M2018-5545-1-A	-	1.0000	061F6101.D	4
62	62	1	M2018-5545-1-B	-	1.0000	062F6201.D	4
63	63	1	M2018-3069-1-A	-	1.0000	063F6301.D	4
64	64	1	M2018-3069-1-B	-	1.0000	064F6401.D	4
65	65	1	QC2-2-A	-	1.0000	065F6501.D	4
66	66	1	QC2-2-B	-	1.0000	066F6601.D	4
67	67	1	INTERNAL STD BLK	-	1.0000	067F6701.D	2

Method file name: C:\Chem32\1\Data\11-06-18_SAMPLES\11-06-18_SAMPLES 2018-11-06 15-44-10\SHUTDOWN.M

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

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, October 31, 2018 4:06:51 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

36

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	4.53615	1.10226e-2	No	No	1	ethanol
		2	1.00000e-1	9.03009	1.10741e-2				
		3	2.00000e-1	18.12409	1.10350e-2				
		4	3.00000e-1	27.03236	1.10978e-2				
		5	5.00000e-1	46.02385	1.08639e-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	4.63880	1.07786e-2	No	No	2	ethanol
		2	1.00000e-1	9.31339	1.07372e-2				
		3	2.00000e-1	18.90689	1.05782e-2				
		4	3.00000e-1	28.24488	1.06214e-2				
		5	5.00000e-1	48.71275	1.02643e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	50.16470	1.99343e-2	No	Yes	1	n-propanol
		2	1.00000	49.98732	2.00051e-2				
		3	1.00000	49.82826	2.00689e-2				
		4	1.00000	49.02808	2.03965e-2				
		5	1.00000	50.52134	1.97936e-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	52.58041	1.90185e-2	No	Yes	2	n-propanol
		2	1.00000	52.08379	1.91998e-2				
		3	1.00000	51.71439	1.93370e-2				
		4	1.00000	50.62835	1.97518e-2				
		5	1.00000	52.18080	1.91641e-2				

Peak Sum Table

No Entries in table

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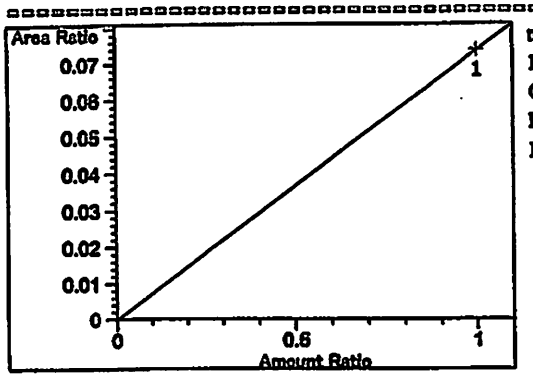
1 Warnings or Errors :

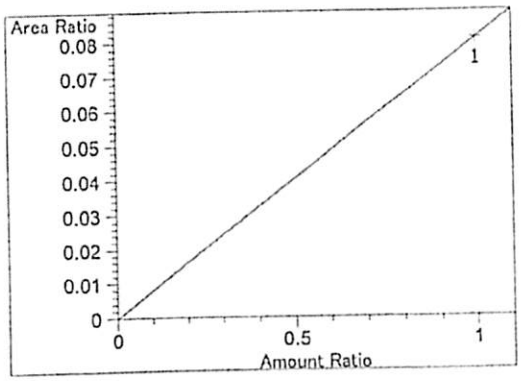
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

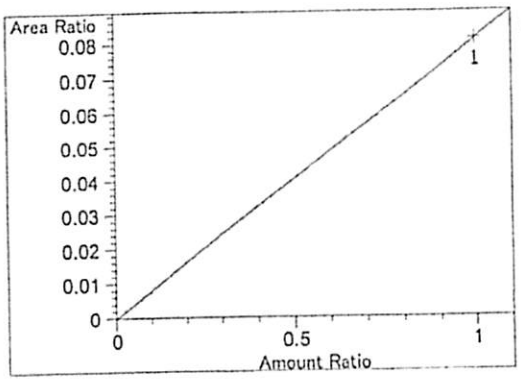


methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 7.36912e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

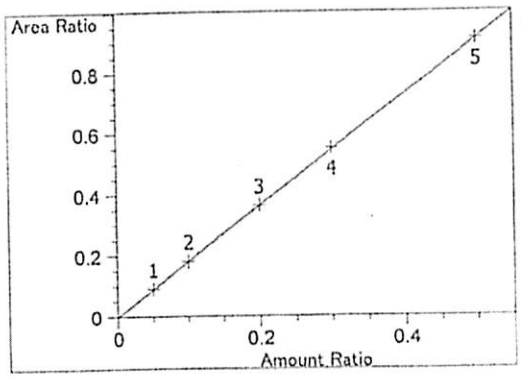
JC



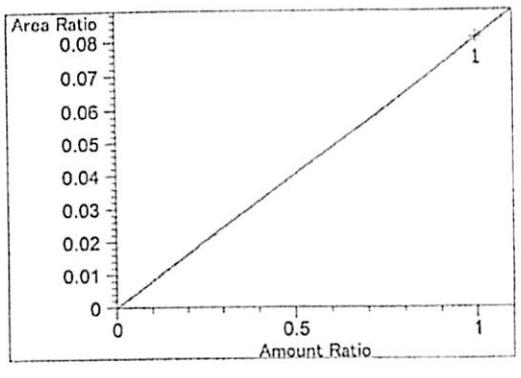
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.10378e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.10378e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

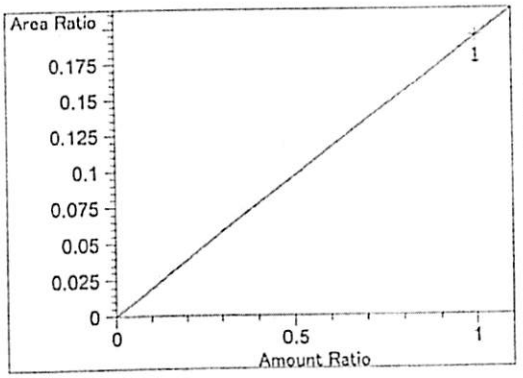


ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00270
Formula: y = mx + b
m: 1.82724
b: -8.36339e-4
x: Amount Ratio
y: Area Ratio

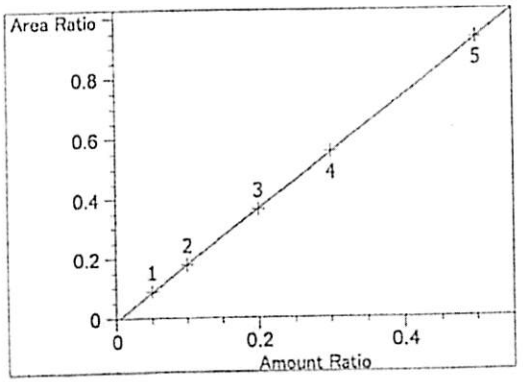


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.10306e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

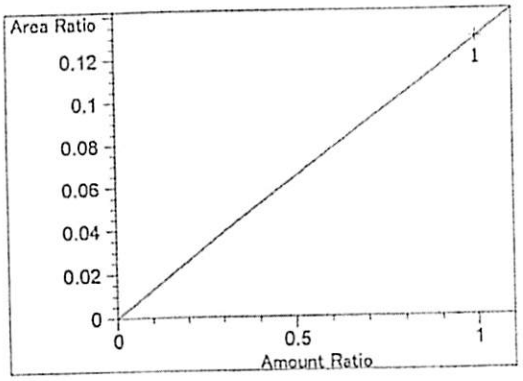
JC



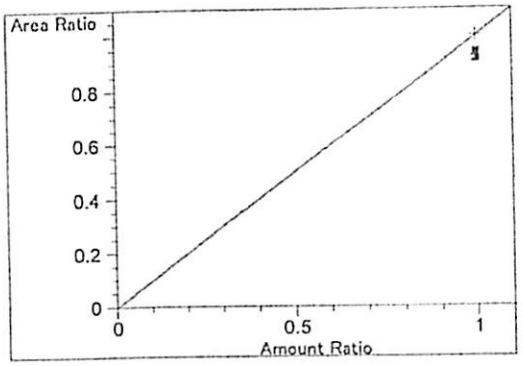
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.93972e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



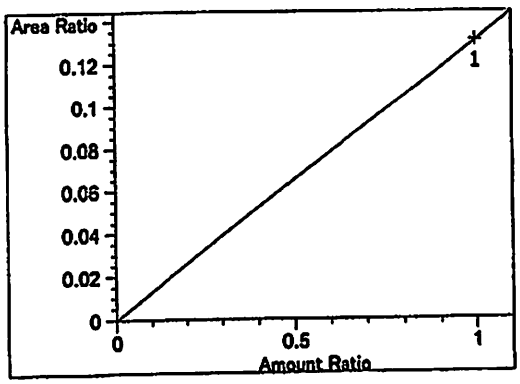
ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00232
Formula: y = mx + b
m: 1.88291
b: -8.25733e-3
x: Amount Ratio
y: Area Ratio



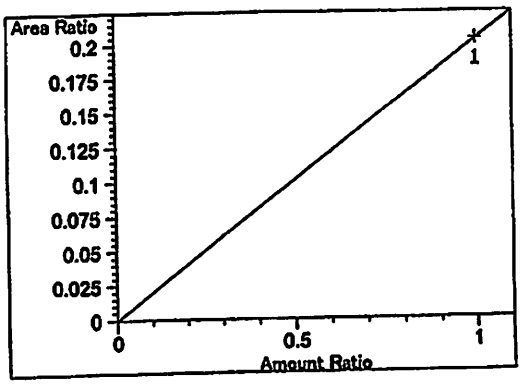
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.29561e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



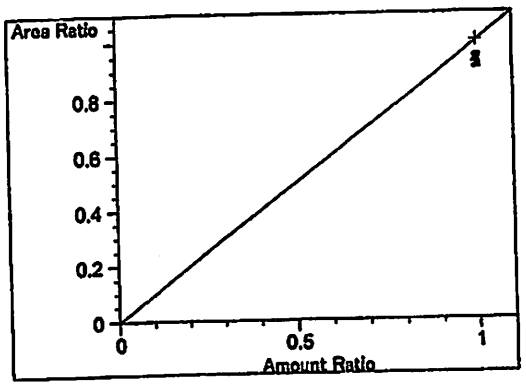
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.31095e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



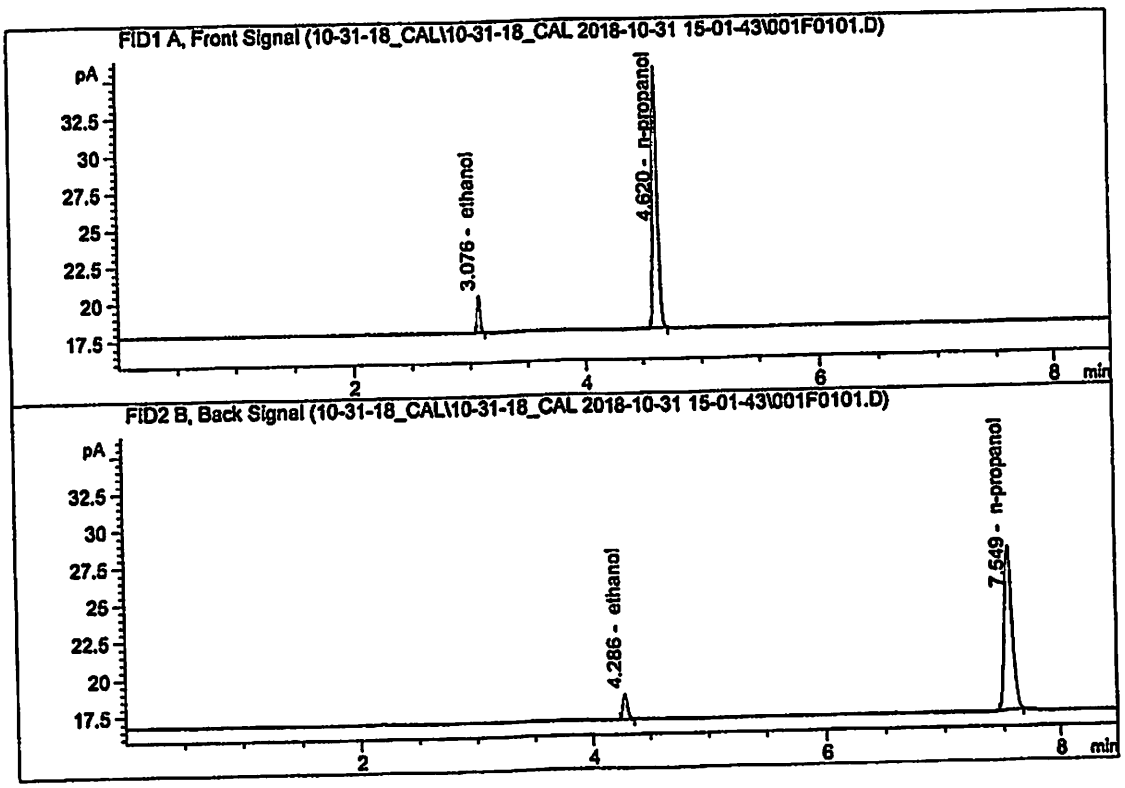
isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.03620e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



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

ISP Forensic Services Blood Alcohol Report

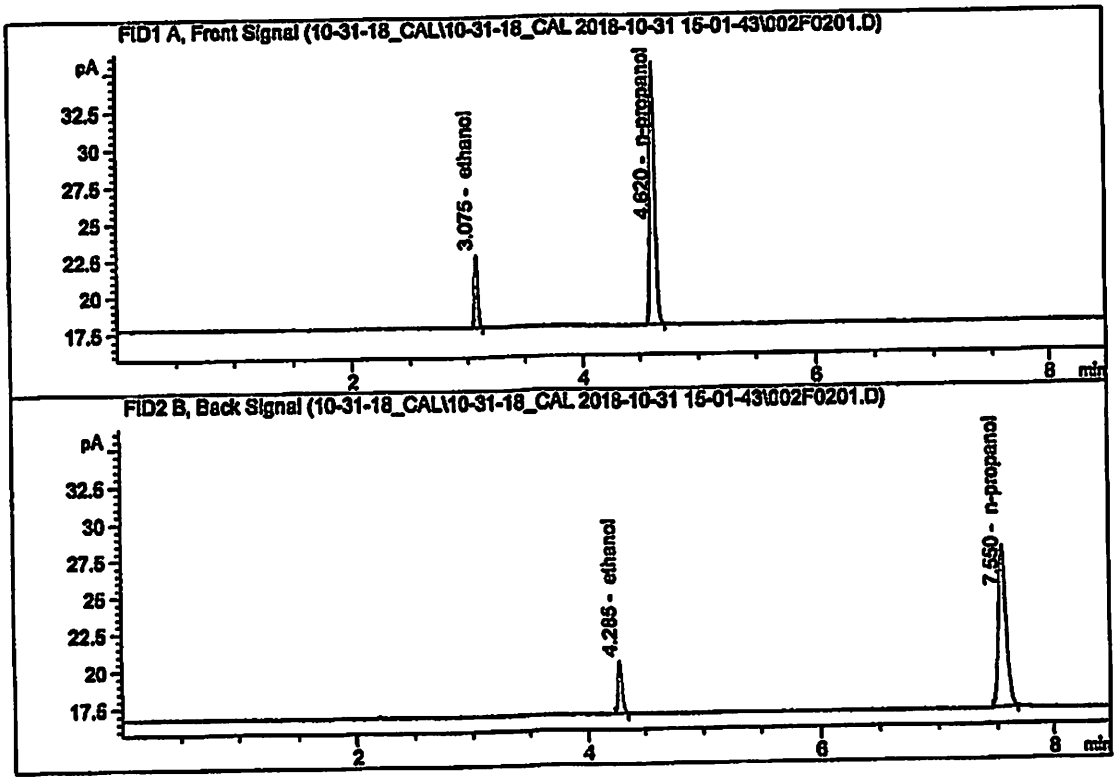
Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Oct 31, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.53615	0.0499	g/100cc
2.	Ethanol	Column 2:	4.63880	0.0512	g/100cc
3.	n-Propanol	Column 1:	50.16470	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.58041	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN08101601
Laboratory : Meridian
Injection Date : Oct 31, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

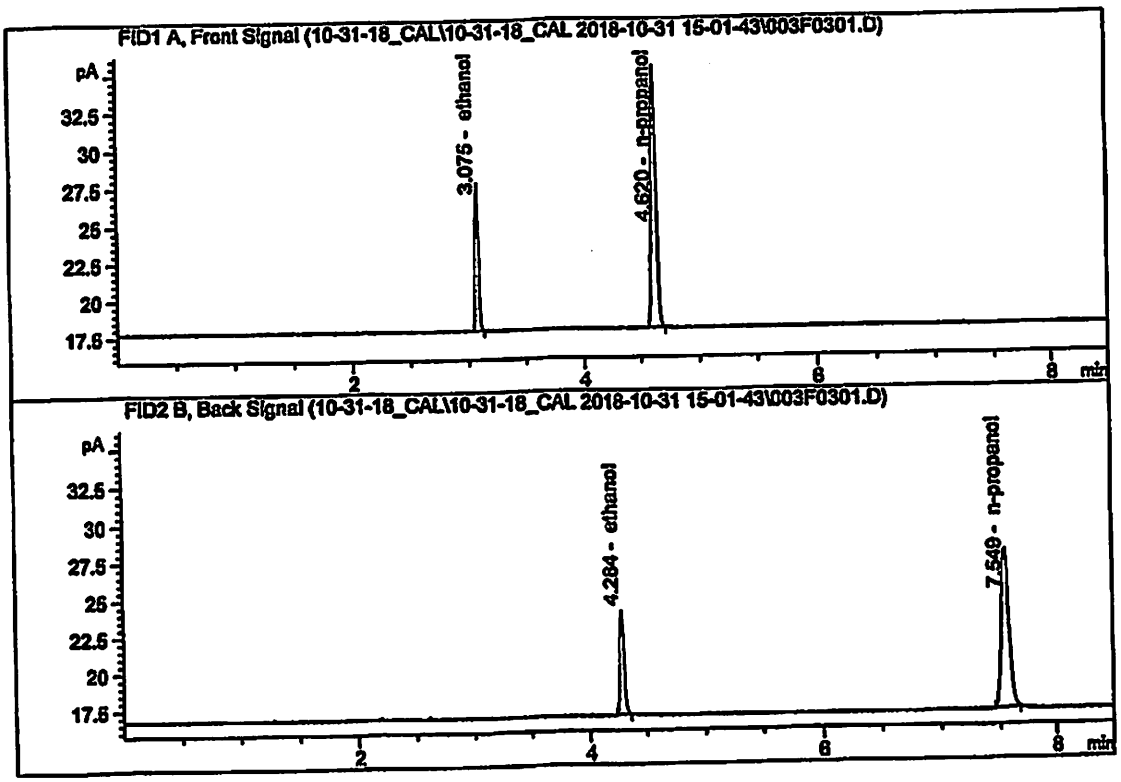


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.03009	0.0993	g/100cc
2.	Ethanol	Column 2:	9.31339	0.0994	g/100cc
3.	n-Propanol	Column 1:	49.98732	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.08379	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name	:	0.200 FN12011401
Laboratory	:	Meridian
Injection Date	:	Oct 31, 2018
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167

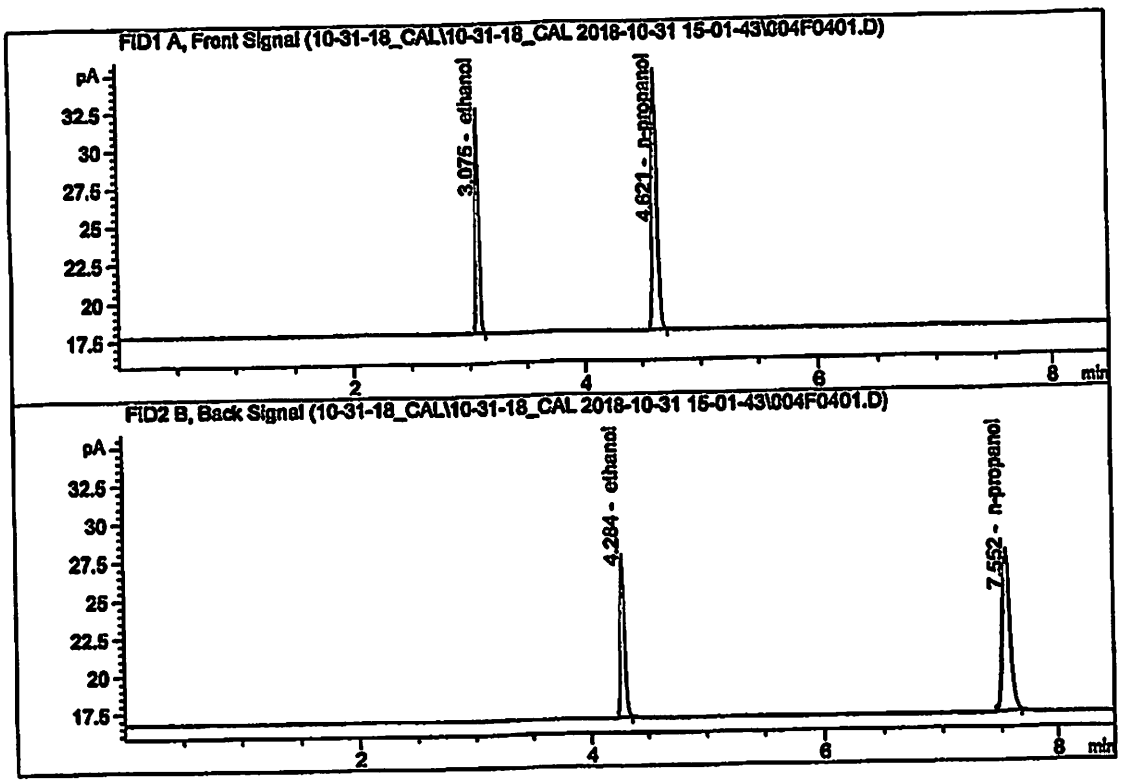


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.12409	0.1995	g/100cc
2.	Ethanol	Column 2:	18.90689	0.1986	g/100cc
3.	n-Propanol	Column 1:	49.82826	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.71439	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN02121601
Laboratory : Meridian
Injection Date : Oct 31, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

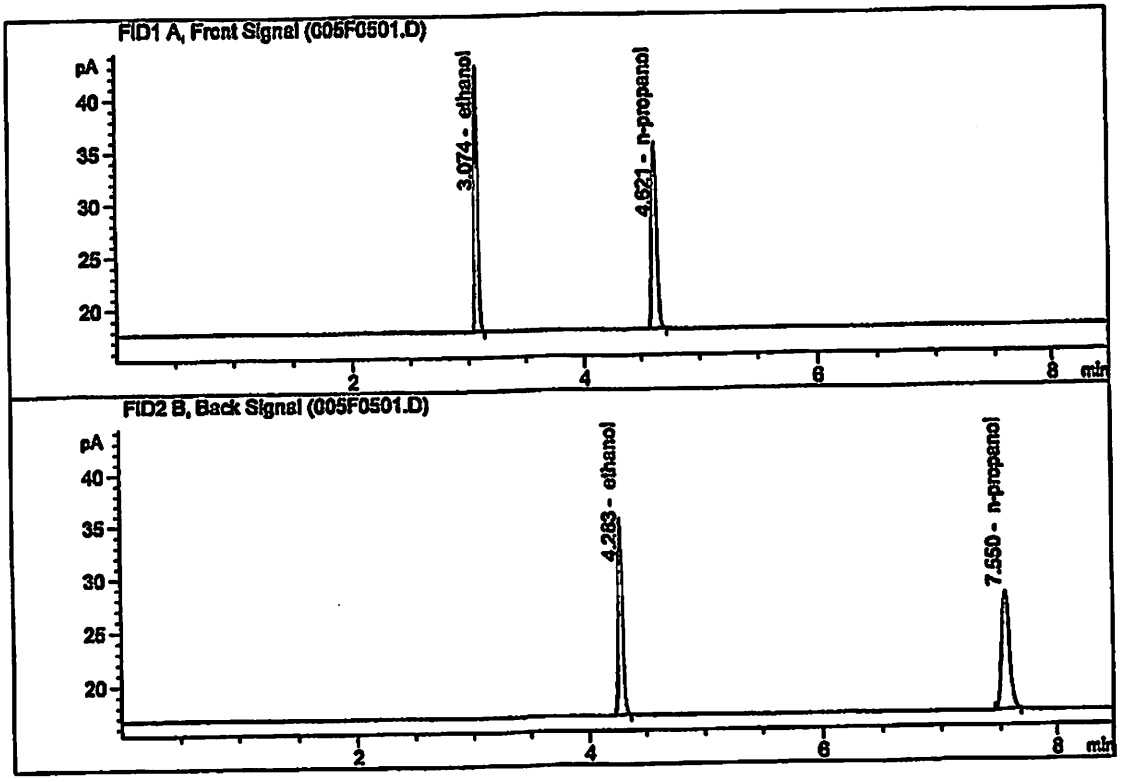


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.03236	0.3022	g/100cc
2.	Ethanol	Column 2:	28.24488	0.3007	g/100cc
3.	n-Propanol	Column 1:	49.02808	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.62835	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

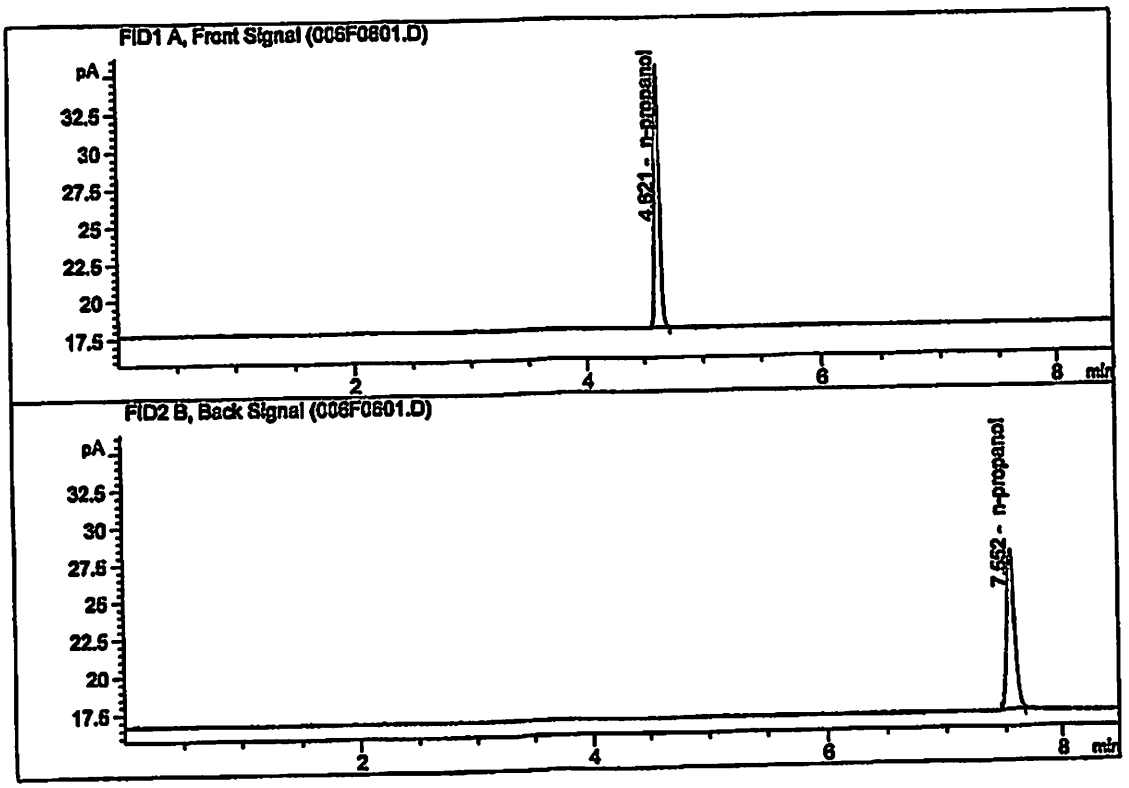
Sample Name : 0.500 FN08031602
Laboratory : Meridian
Injection Date : Oct 31, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	46.02385	0.4990	g/100cc
2.	Ethanol	Column 2:	48.71275	0.5002	g/100cc
3.	n-Propanol	Column 1:	50.52134	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.18080	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Oct 31, 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:	49.82584	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.29085	1.0000	g/100cc

JG

Sequence File C:\Chem32\1\Data\10-31-18_CAL\10-31-18_CAL 2018-10-31 15-01-43\10-31-18_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\10-31-18_CAL\10-31-18_CAL 2018-10-31 15-01-43\10-31-18_CAL.S
Data directory path: C:\Chem32\1\Data\10-31-18_CAL\10-31-18_CAL 2018-10-31 15-01-43\
Logbook: C:\Chem32\1\Data\10-31-18_CAL\10-31-18_CAL 2018-10-31 15-01-43\10-31-18_CAL.LOG
Sequence start: 10/31/2018 3:16:19 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\10-31-18_CAL\10-31-18_CAL 2018-10-31 15-01-43\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