

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(s): 6/27/18-6/28/18
Calibration Date: 06/27/2018

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702-0.0858	0.0759 g/100cc 0.0785 g/100cc g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818-0.2222	0.1984 g/100cc 0.2038 g/100cc g/100cc
Multi-Component mixture:		Exp date: Sept 2020	Lot #	FN06041503	OK
Curve Fit:		Column 1	0.99991	Column2	0.99978

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	0.0518	0.0531	0.0013	0.0524
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.0999	0.0998	0.0001	0.0998
0.200	Apr-21	FN03301601	0.200	0.180 - 0.220	0.2001	0.1996	0.0005	0.1998
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.2962	0.2941	0.0021	0.2951
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Sep-21	FN08031602	0.500	0.450 - 0.550	0.5021	0.5034	0.0013	0.5027

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.081 g/100cc

Issued: 4/22/2015

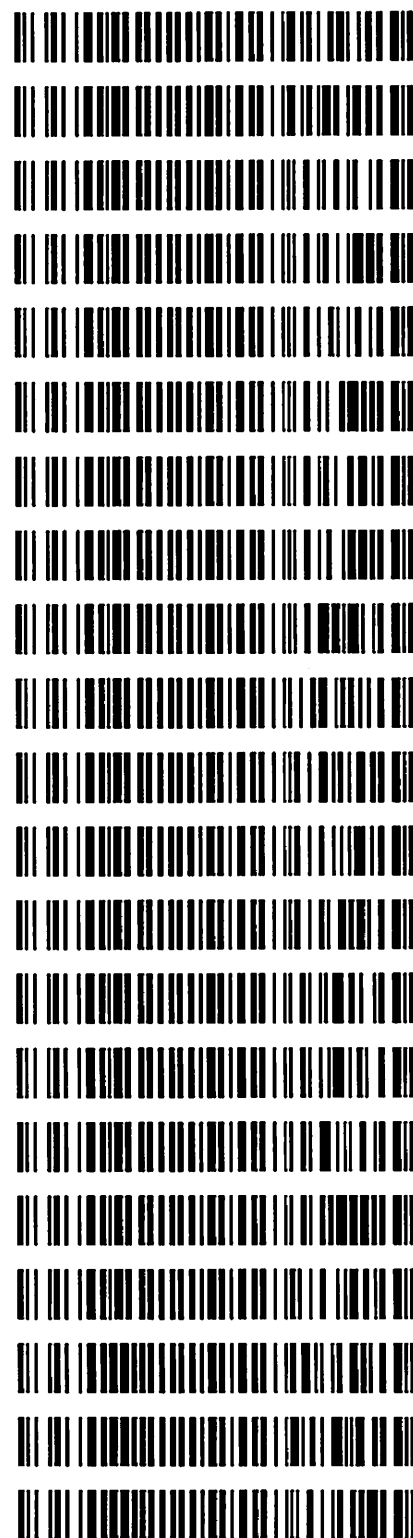
~Any information on this document can be changed for laboratory use, except for the precision and mean determination formulas.

Volatiles QA/QC data spreadsheet Rev 5

Issuing Authority: Quality Manager

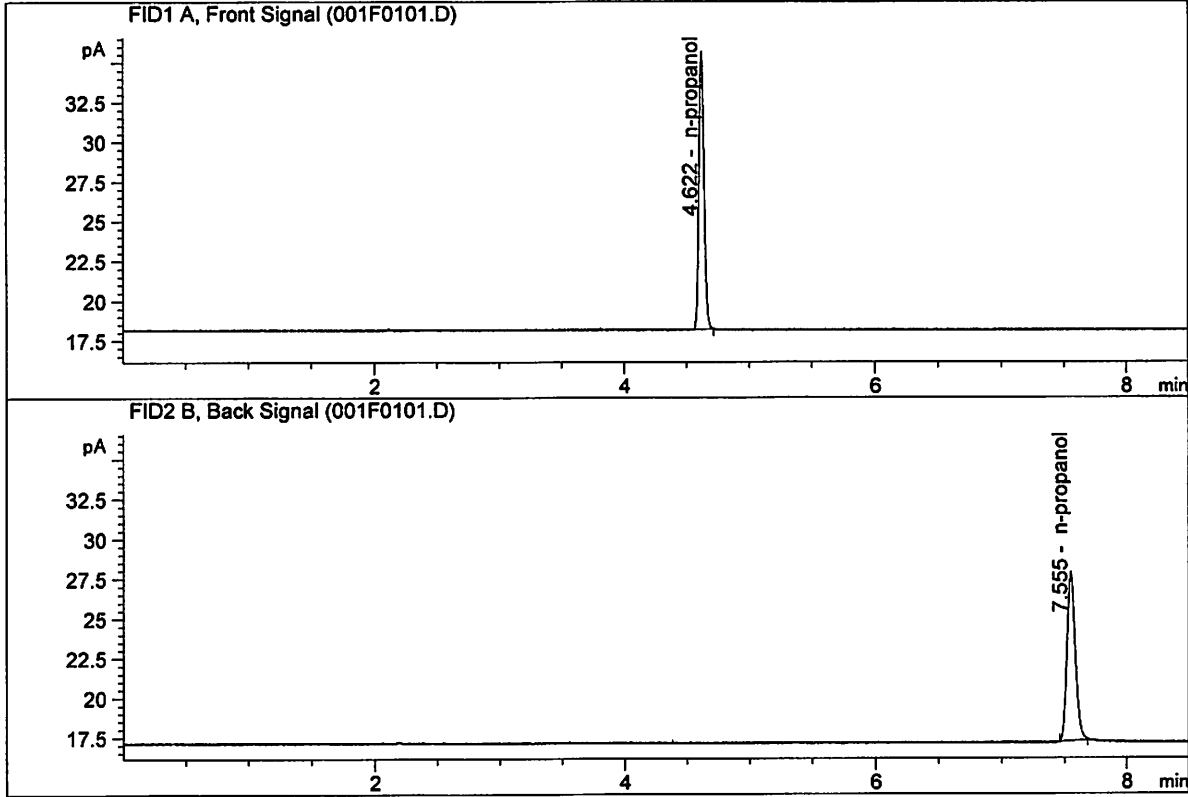
Worklist: 2537

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
M2018-3092	1	118987	Alcohol Analysis
M2018-3093	1	118991	Alcohol Analysis
M2018-3107	1	119103	Alcohol Analysis
M2018-3108	1	119106	Alcohol Analysis
M2018-3109	1	119107	Alcohol Analysis
M2018-3125	1	119130	Alcohol Analysis
M2018-3128	1	119133	Alcohol Analysis
M2018-3130	1	119136	Alcohol Analysis
M2018-3133	1	119142	Alcohol Analysis
M2018-3161	1	119346	Alcohol Analysis
M2018-3176	1	119383	Alcohol Analysis
M2018-3177	1	119384	Alcohol Analysis
M2018-3179	1	119391	Alcohol Analysis
M2018-3186	1	119493	Alcohol Analysis
M2018-3187	1	119494	Alcohol Analysis
M2018-3190	1	119500	Alcohol Analysis
M2018-3191	1	119502	Alcohol Analysis
M2018-3217	1	119679	Alcohol Analysis
P2018-1716	8	118242	Alcohol Analysis
P2018-1769	1	118911	Alcohol Analysis
P2018-1786	2	119104	Alcohol Analysis



ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
 Laboratory : Meridian
 Injection Date : Jun 27, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

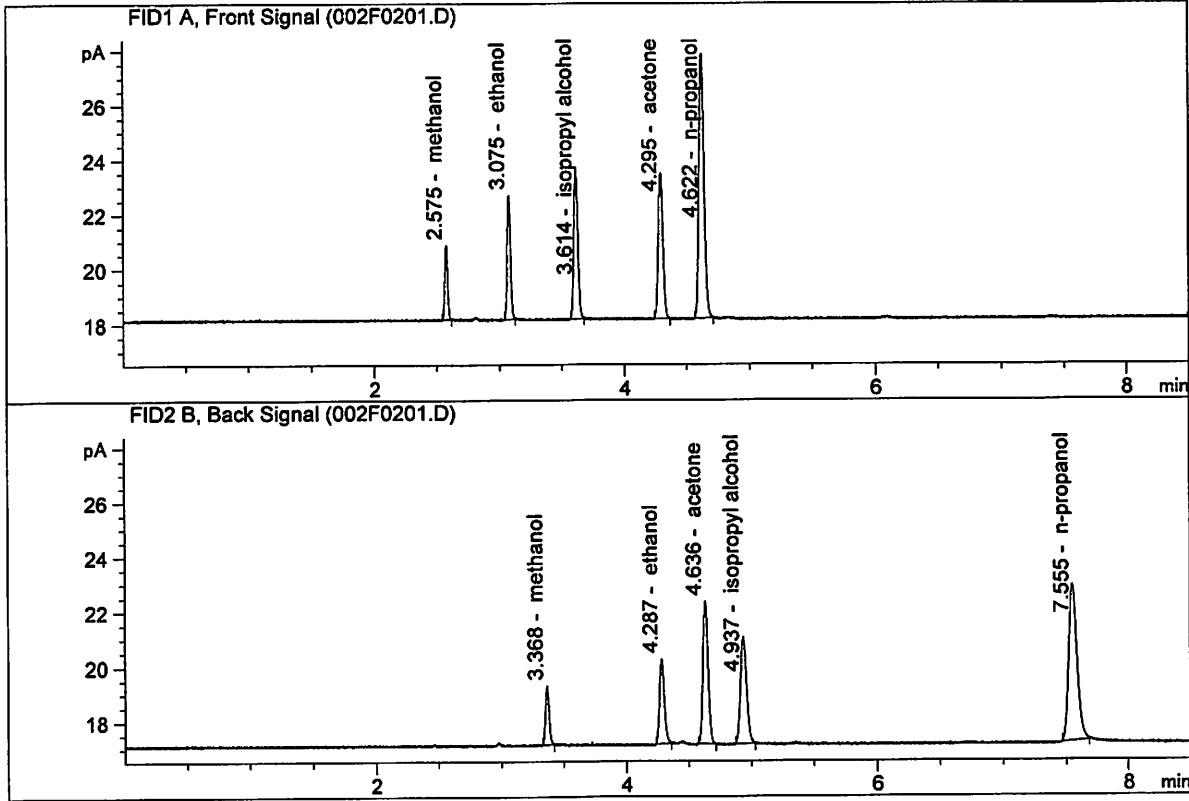


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	49.75104	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.37084	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041503
 Laboratory : Meridian
 Injection Date : Jun 27, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.09420	0.1556	g/100cc
2.	Ethanol	Column 2:	8.28830	0.1572	g/100cc
3.	n-Propanol	Column 1:	27.43236	1.0000	g/100cc
4.	n-Propanol	Column 2:	27.49498	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 27 Jun 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0760	0.0764	0.0004	0.0762	0.0759
(g/100cc)	0.0753	0.0761	0.0008	0.0757	

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
0.075	0.071	0.079	0.004

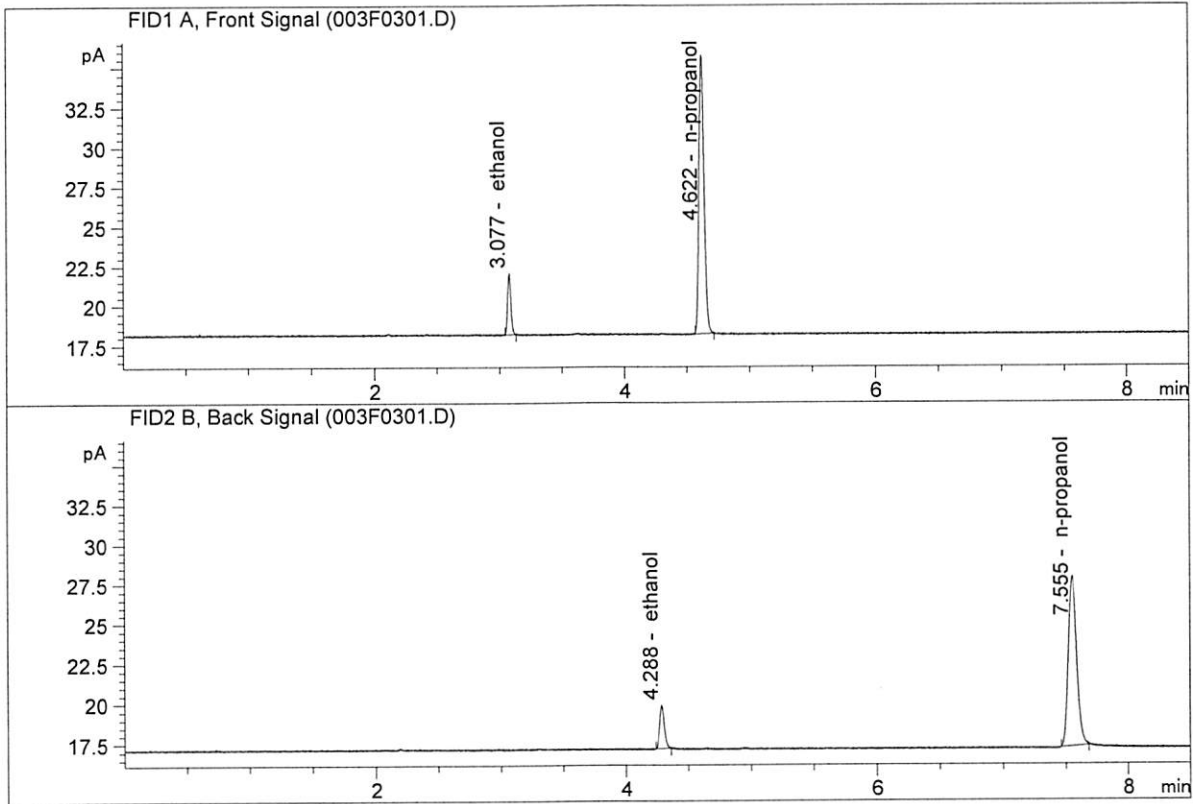
	<p>Reported Result</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center; font-size: 1.2em;">0.075</p>	
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Calibration and control data are stored centrally.

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
 Laboratory : Meridian
 Injection Date : Jun 27, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

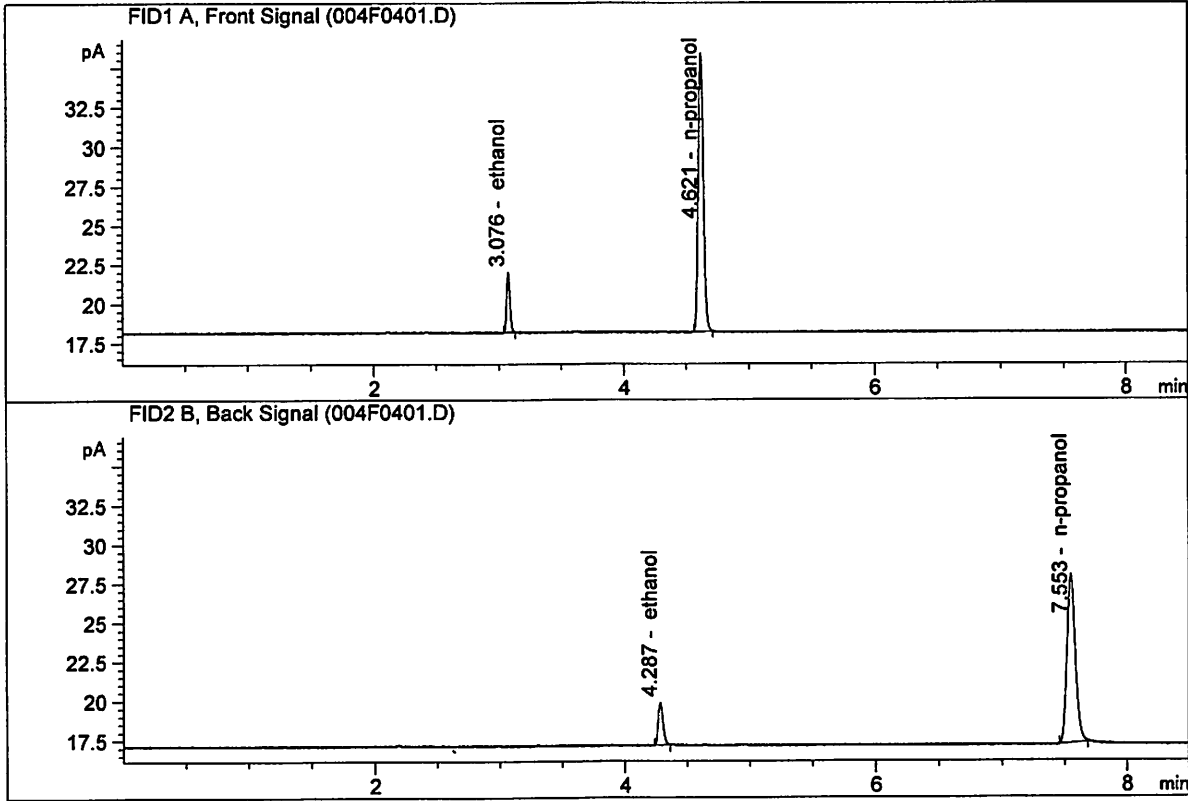


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.08395	0.0760	g/100cc
2.	Ethanol	Column 2:	7.18993	0.0764	g/100cc
3.	n-Propanol	Column 1:	49.89214	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.10117	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
 Laboratory : Meridian
 Injection Date : Jun 27, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.09916	0.0753	g/100cc
2.	Ethanol	Column 2:	7.24675	0.0761	g/100cc
3.	n-Propanol	Column 1:	50.44787	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.75686	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510

Analysis Date(s): 27 Jun 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0802	0.0813	0.0011	0.0807	0.0810
(g/100cc)	0.0809	0.0819	0.0010	0.0814	

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
0.081	0.076	0.086	0.005

	Reported Result	
	0.081	

Calibration and control data are stored centrally.

Issued: 12/30/2016

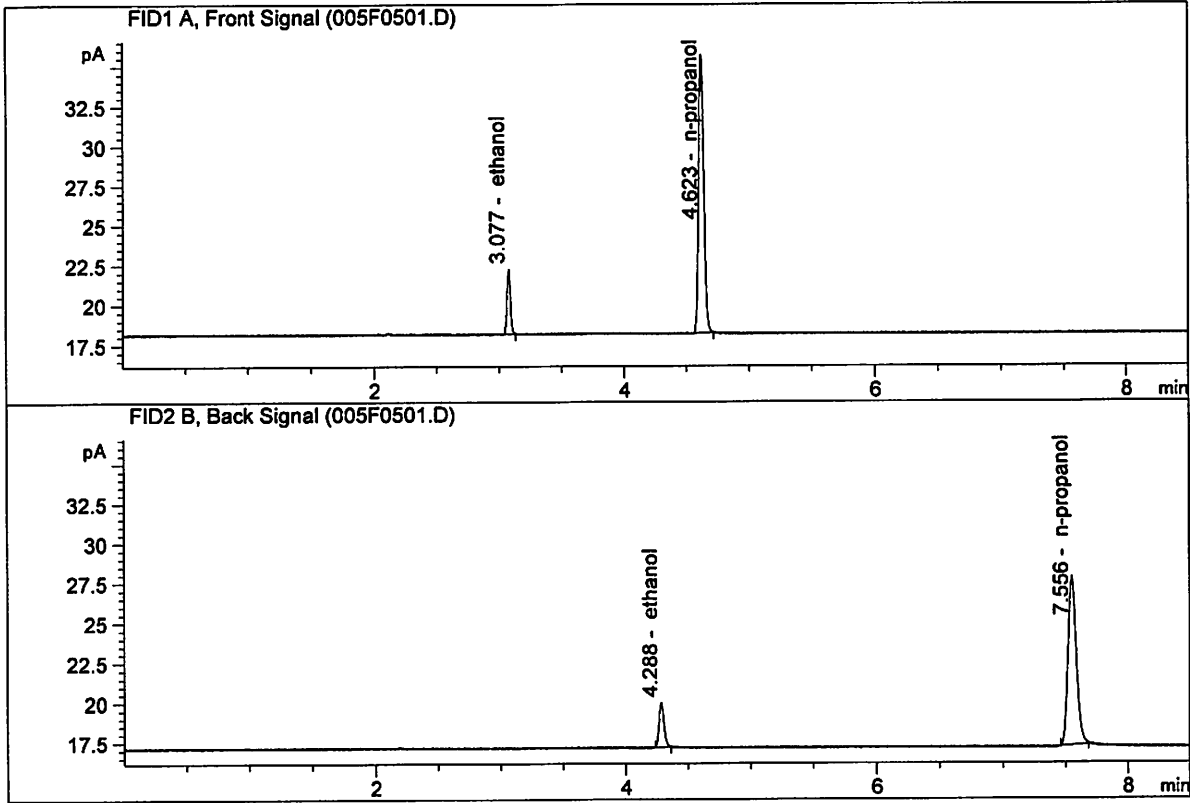
Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
 Laboratory : Meridian
 Injection Date : Jun 27, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

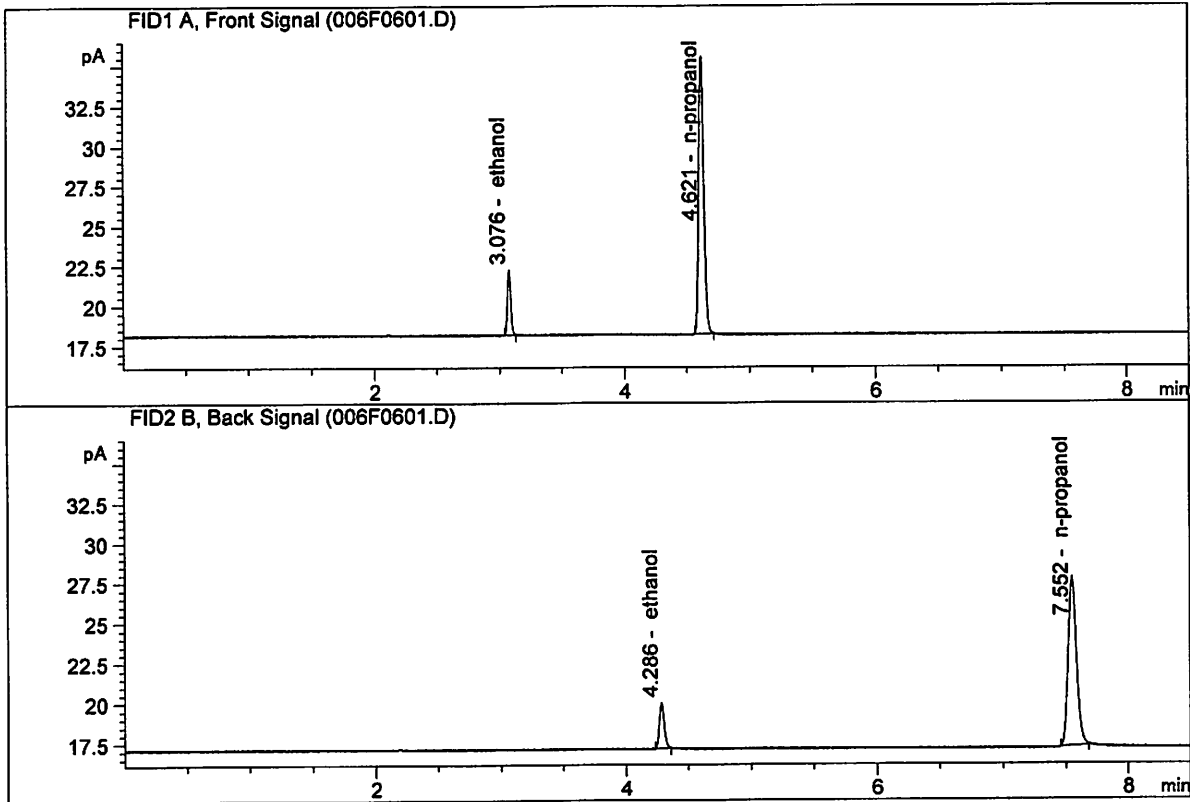


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.47677	0.0802	g/100cc
2.	Ethanol	Column 2:	7.66206	0.0813	g/100cc
3.	n-Propanol	Column 1:	49.78362	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.92928	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
 Laboratory : Meridian
 Injection Date : Jun 27, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.49316	0.0809	g/100cc
2.	Ethanol	Column 2:	7.66770	0.0819	g/100cc
3.	n-Propanol	Column 1:	49.48660	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.58746	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1

Analysis Date(s): 27 Jun 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1985	0.1981	0.0004	0.1983	0.1984	
(g/100cc)	0.1987	0.1986	0.0001	0.1986		

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
0.198	0.188	0.208	0.010

	Reported Result 0.198	
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Calibration and control data are stored centrally.

Issued: 12/30/2016

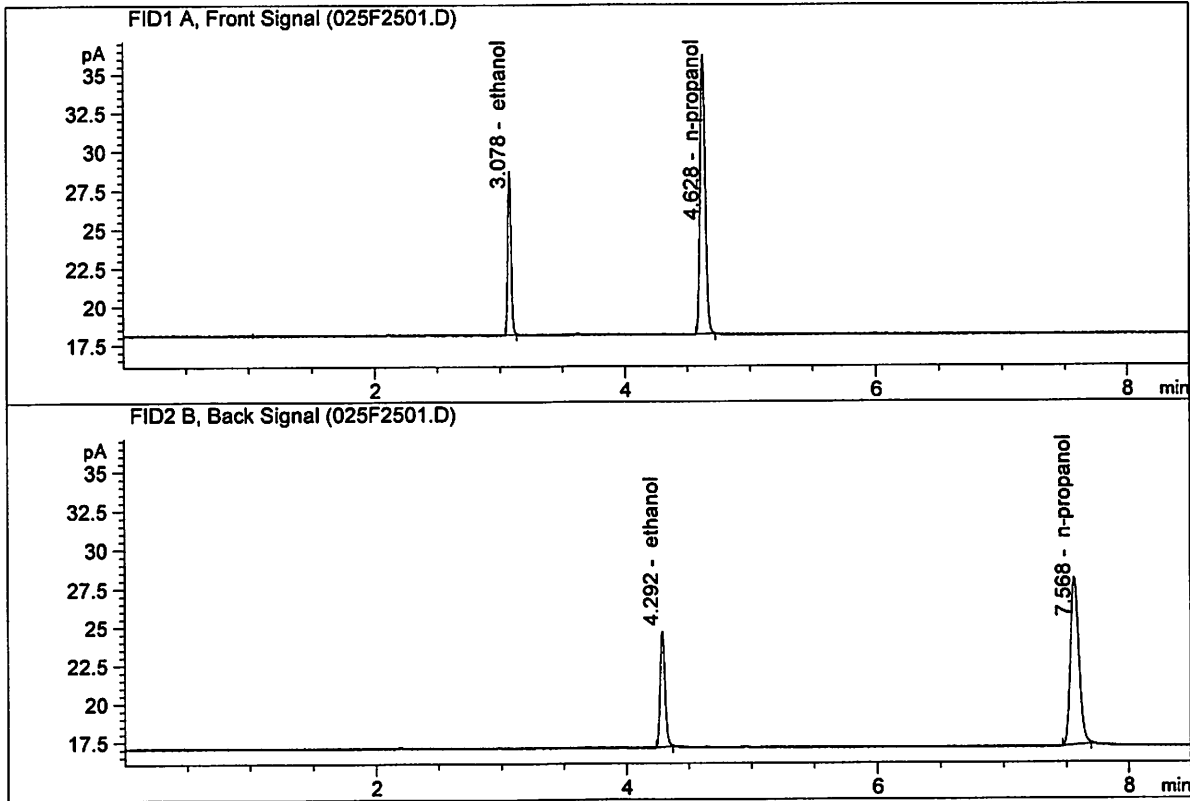
Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

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ISP Forensic Services Blood Alcohol Report

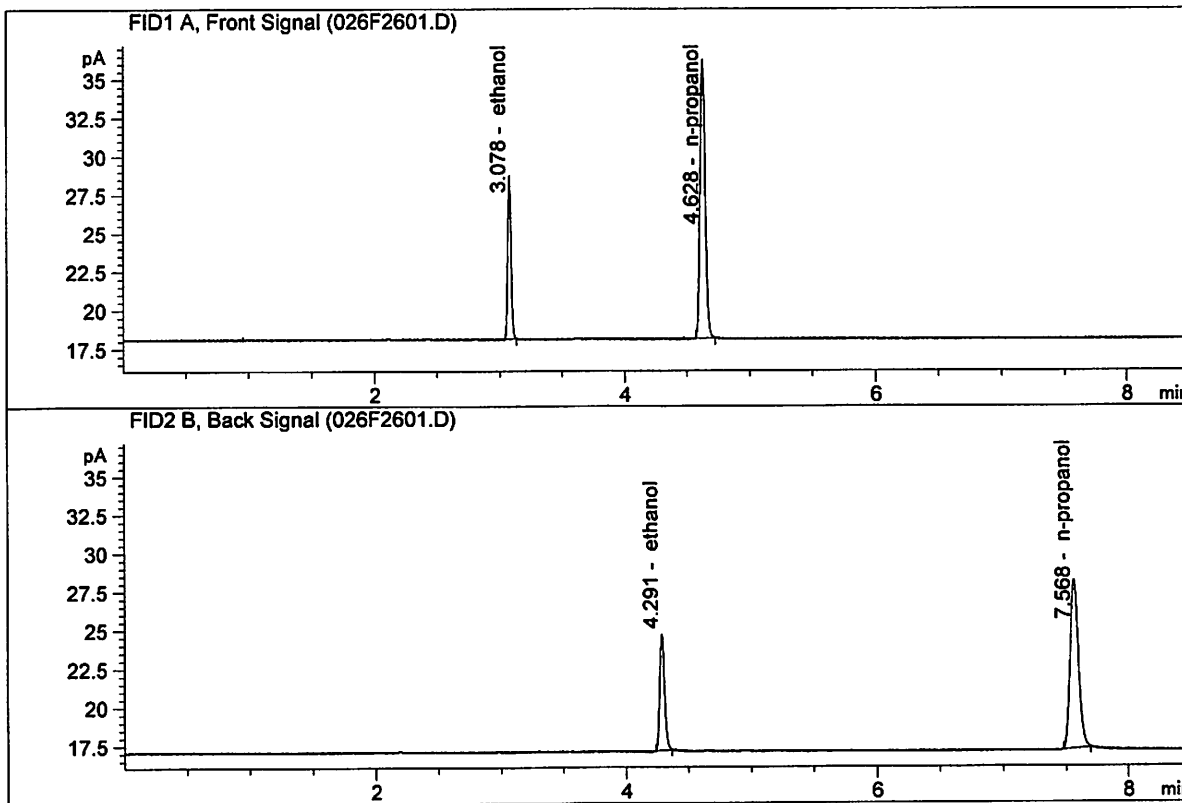
Sample Name : QC2-1-A
 Laboratory : Meridian
 Injection Date : Jun 27, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.44403	0.1985	g/100cc
2.	Ethanol	Column 2:	20.18822	0.1981	g/100cc
3.	n-Propanol	Column 1:	51.50889	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.72743	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
 Laboratory : Meridian
 Injection Date : Jun 27, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.50416	0.1987	g/100cc
2.	Ethanol	Column 2:	20.22363	0.1986	g/100cc
3.	n-Propanol	Column 1:	51.63271	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.68185	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2

Analysis Date(s): 28 Jun 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0780	0.0787	0.0007	0.0783	0.0785
(g/100cc)	0.0784	0.0789	0.0005	0.0786	

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

	<p>Reported Result</p> <hr style="border-top: 1px dashed black;"/> <p style="text-align: center; font-size: 1.2em;">0.078</p>
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Calibration and control data are stored centrally.

Issued: 12/30/2016

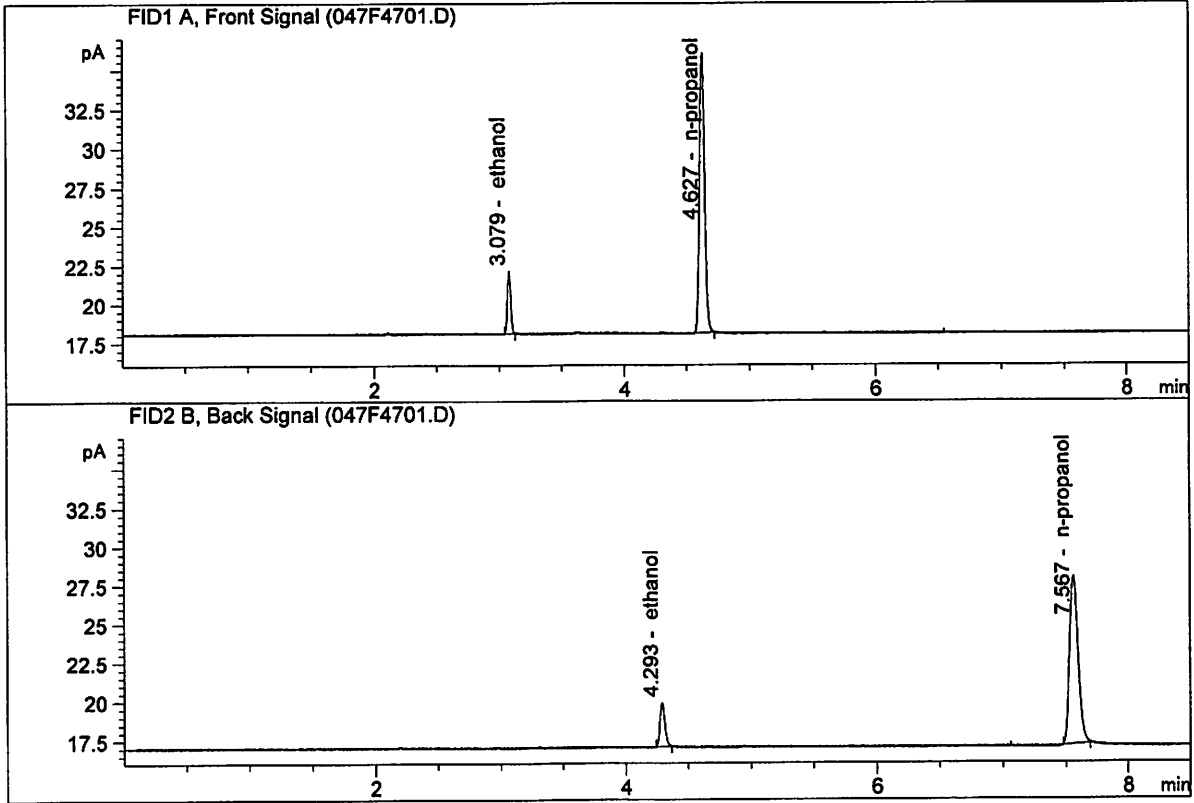
Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
 Laboratory : Meridian
 Injection Date : Jun 28, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

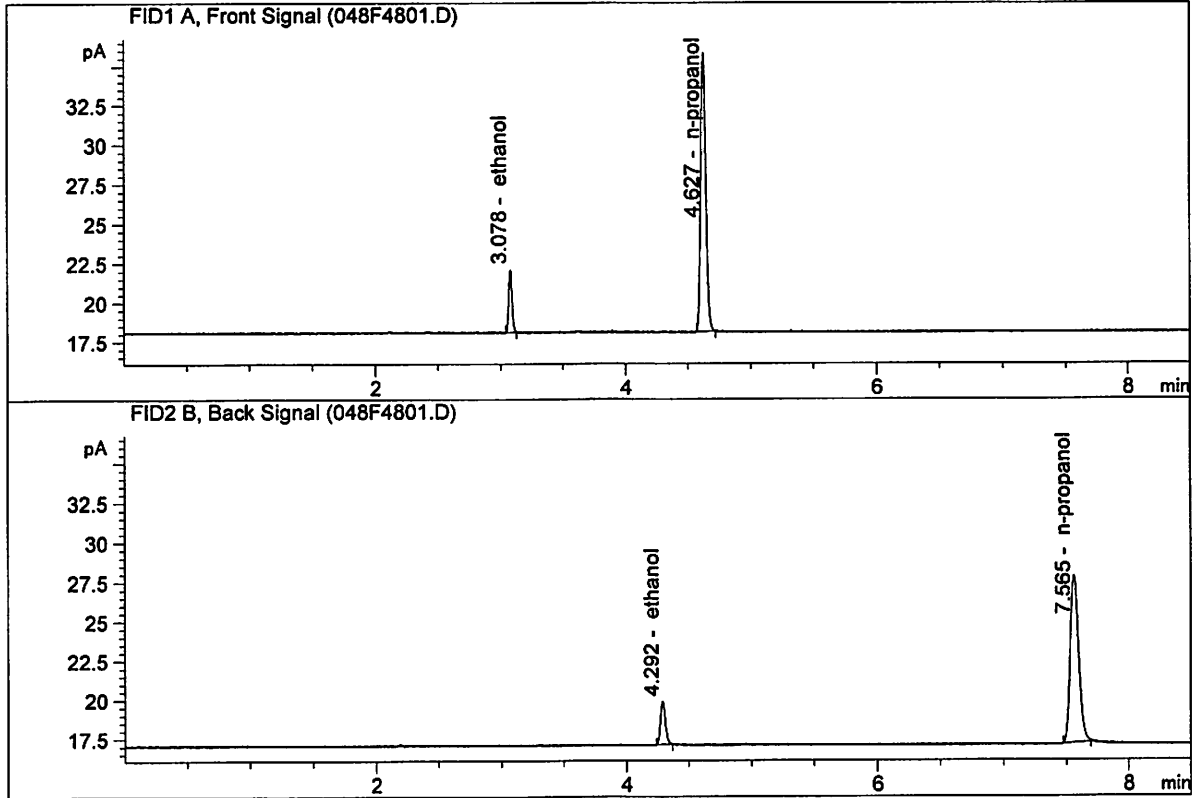


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.45094	0.0780	g/100cc
2.	Ethanol	Column 2:	7.56813	0.0787	g/100cc
3.	n-Propanol	Column 1:	51.06866	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.09134	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
 Laboratory : Meridian
 Injection Date : Jun 28, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.39541	0.0784	g/100cc
2.	Ethanol	Column 2:	7.49828	0.0789	g/100cc
3.	n-Propanol	Column 1:	50.46000	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.48537	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2

Analysis Date(s): 28 Jun 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2039	0.2048	0.0009	0.2043	0.2038	
(g/100cc)	0.2035	0.2031	0.0004	0.2033		

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
0.203	0.192	0.214	0.011

	Reported Result	
	0.203	

Calibration and control data are stored centrally.

Issued: 12/30/2016

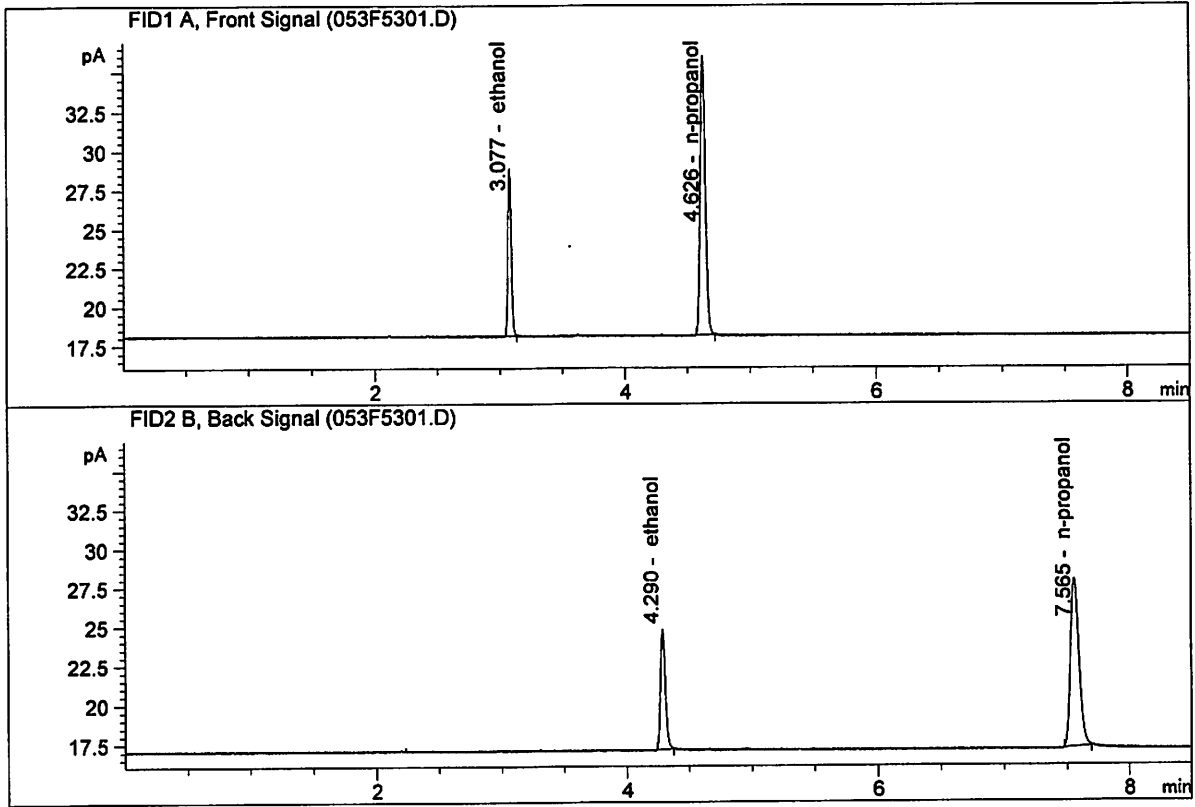
Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

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ISP Forensic Services Blood Alcohol Report

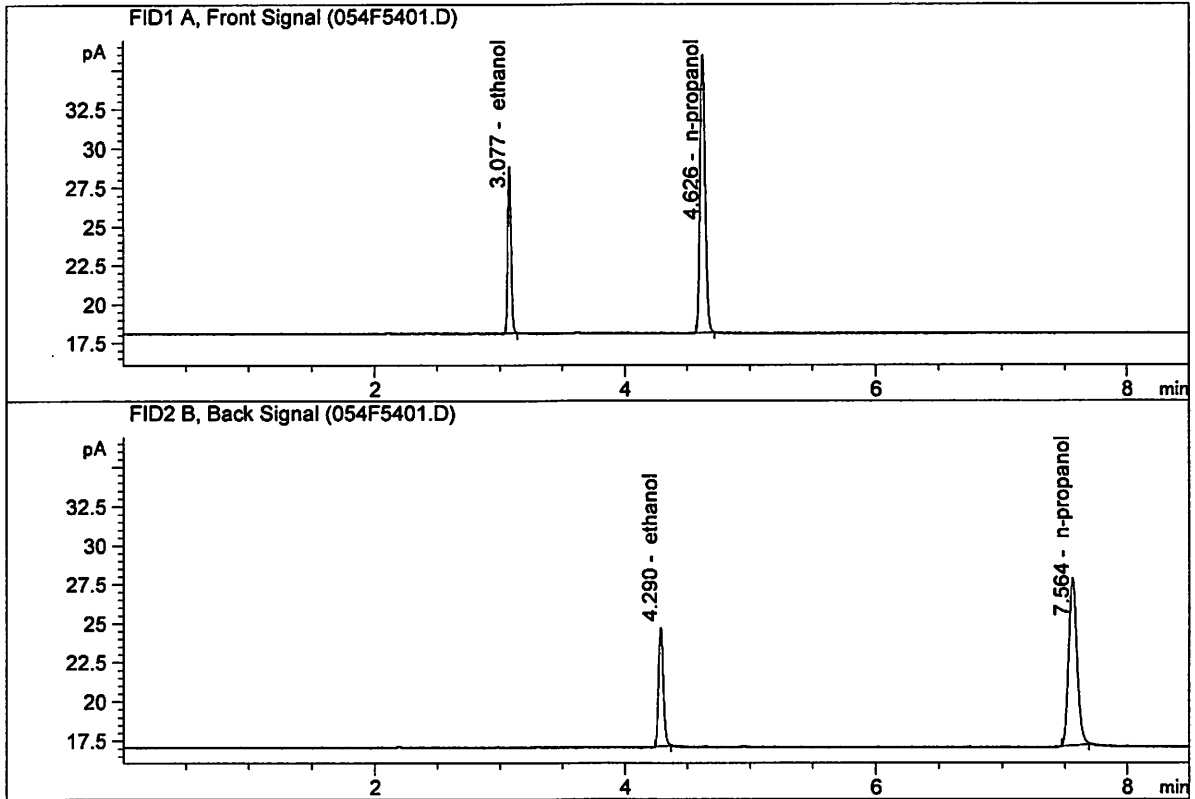
Sample Name : QC2-2-A
 Laboratory : Meridian
 Injection Date : Jun 28, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.68769	0.2039	g/100cc
2.	Ethanol	Column 2:	20.46576	0.2048	g/100cc
3.	n-Propanol	Column 1:	50.75663	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.65257	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

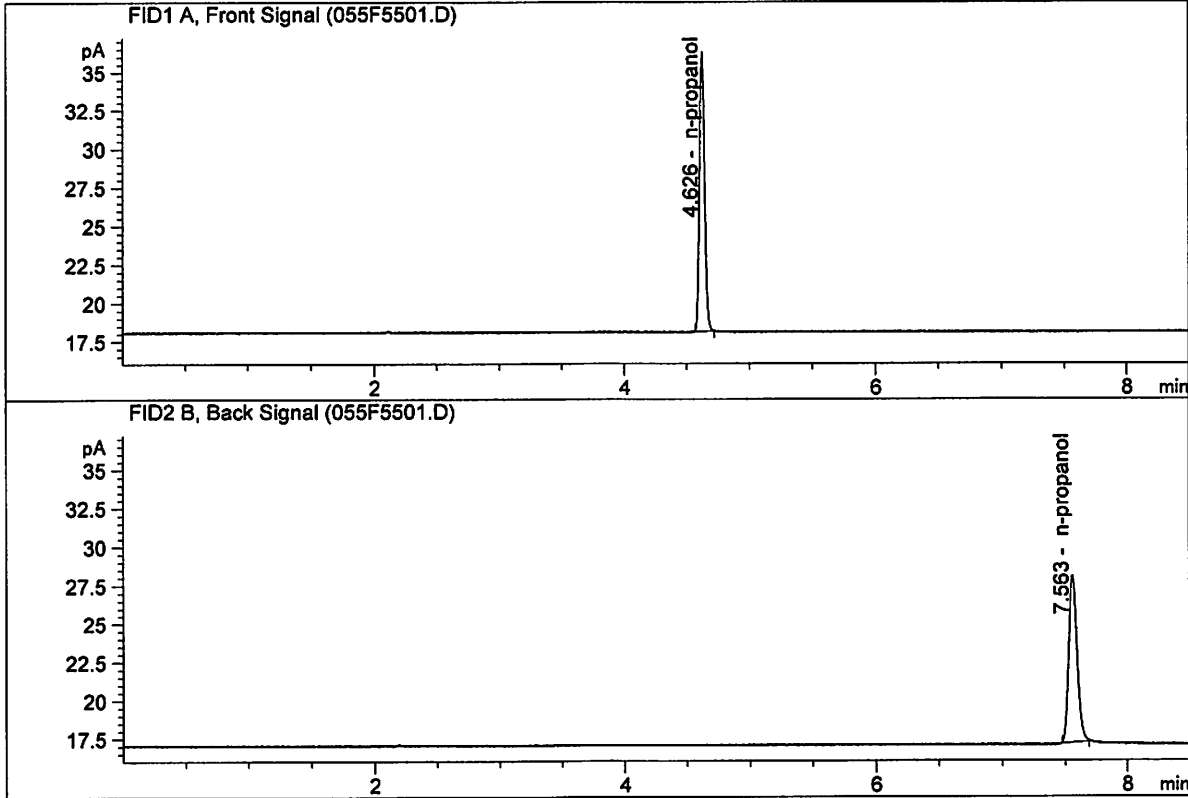
Sample Name : QC2-2-B
 Laboratory : Meridian
 Injection Date : Jun 28, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.65404	0.2035	g/100cc
2.	Ethanol	Column 2:	20.33139	0.2031	g/100cc
3.	n-Propanol	Column 1:	50.78302	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.75356	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
 Laboratory : Meridian
 Injection Date : Jun 28, 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:	51.55228	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.55622	1.0000	g/100cc

S a m p l e S u m m a r y

Sequence table: C:\Chem32\1\Data\06-27-18_SAMPLES\06-27-18_SAMPLES 2018-06-27 16-20-58\06-27-18_SAMPLES.S
 Data directory path: C:\Chem32\1\Data\06-27-18_SAMPLES\06-27-18_SAMPLES 2018-06-27 16-20-58\
 Logbook: C:\Chem32\1\Data\06-27-18_SAMPLES\06-27-18_SAMPLES 2018-06-27 16-20-58\06-27-18_SAMPLES.LOG
 Sequence start: 6/27/2018 4:35:46 PM
 Sequence Operator: SYSTEM
 Operator: SYSTEM
 Method file name: C:\Chem32\1\Data\06-27-18_SAMPLES\06-27-18_SAMPLES 2018-06-27 16-20-58\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 FN10281510-	-	1.0000	005F0501.D		4
6	6	1	0.08 FN10281510-	-	1.0000	006F0601.D		4
7	7	1	M2018-3092-1-A	-	1.0000	007F0701.D		6
8	8	1	M2018-3092-1-B	-	1.0000	008F0801.D		6
9	9	1	M2018-3093-1-A	-	1.0000	009F0901.D		4
10	10	1	M2018-3093-1-B	-	1.0000	010F1001.D		4
11	11	1	M2018-3107-1-A	-	1.0000	011F1101.D		4
12	12	1	M2018-3107-1-B	-	1.0000	012F1201.D		4
13	13	1	M2018-3108-1-A	-	1.0000	013F1301.D		4
14	14	1	M2018-3108-1-B	-	1.0000	014F1401.D		4
15	15	1	M2018-3109-1-A	-	1.0000	015F1501.D		5
16	16	1	M2018-3109-1-B	-	1.0000	016F1601.D		6
17	17	1	M2018-3125-1-A	-	1.0000	017F1701.D		4
18	18	1	M2018-3125-1-B	-	1.0000	018F1801.D		4
19	19	1	M2018-3128-1-A	-	1.0000	019F1901.D		4
20	20	1	M2018-3128-1-B	-	1.0000	020F2001.D		5
21	21	1	M2018-3130-1-A	-	1.0000	021F2101.D		4
22	22	1	M2018-3130-1-B	-	1.0000	022F2201.D		4
23	23	1	M2018-3133-1-A	-	1.0000	023F2301.D		2
24	24	1	M2018-3133-1-B	-	1.0000	024F2401.D		2
25	25	1	QC2-1-A	-	1.0000	025F2501.D		4
26	26	1	QC2-1-B	-	1.0000	026F2601.D		4
27	27	1	M2018-3161-1-A	-	1.0000	027F2701.D		6
28	28	1	M2018-3161-1-B	-	1.0000	028F2801.D		6
29	29	1	M2018-3176-1-A	-	1.0000	029F2901.D		6
30	30	1	M2018-3176-1-B	-	1.0000	030F3001.D		6
31	31	1	M2018-3117-1-A	-	1.0000	031F3101.D		4
32	32	1	M2018-3117-1-B	-	1.0000	032F3201.D		5
33	33	1	M2018-3179-1-A	-	1.0000	033F3301.D		6
34	34	1	M2018-3179-1-B	-	1.0000	034F3401.D		6
35	35	1	M2018-3186-1-A	-	1.0000	035F3501.D		4
36	36	1	M2018-3186-1-B	-	1.0000	036F3601.D		5
37	37	1	M2018-3187-1-A	-	1.0000	037F3701.D		6
38	38	1	M2018-3187-1-B	-	1.0000	038F3801.D		6
39	39	1	M2018-3190-1-A	-	1.0000	039F3901.D		6
40	40	1	M2018-3190-1-B	-	1.0000	040F4001.D		6
41	41	1	M2018-3191-1-A	-	1.0000	041F4101.D		2
42	42	1	M2018-3191-1-B	-	1.0000	042F4201.D		2
43	43	1	M2018-3217-1-A	-	1.0000	043F4301.D		4

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #
44	44	1	M2018-3217-1-B	-	1.0000	044F4401.D	4
45	45	1	P2018-1716-8-A	-	1.0000	045F4501.D	2
46	46	1	P2018-1716-8-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	P2018-1769-1-B	-	1.0000	049F4901.D	6
50	50	1	P2018-1769-1-A	-	1.0000	050F5001.D	6
51	51	1	P2018-1786-2-A	-	1.0000	051F5101.D	2
52	52	1	P2018-1786-2-B	-	1.0000	052F5201.D	2
53	53	1	QC2-2-A	-	1.0000	053F5301.D	4
54	54	1	QC2-2-B	-	1.0000	054F5401.D	4
55	55	1	INTERNAL STD BLK	-	1.0000	055F5501.D	2

Method file name: C:\Chem32\1\Data\06-27-18_SAMPLES\06-27-18_SAMPLES 2018-06-27 16-20-58
 \SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #
56	56	1	EMPTY	-	1.0000	056F5601.D	0

=====
Calibration Table
=====

General Calibration Setting

Calib. Data Modified : Wednesday, June 27, 2018 3:53:13 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

JK

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	4.59442	1.08828e-2	No	No 1	ethanol
			1.00000e-1	9.36995	1.06724e-2			
			2.00000e-1	18.56101	1.07753e-2			
			3.00000e-1	28.94173	1.03657e-2			
			5.00000e-1	46.90399	1.06601e-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	4.71032	1.06150e-2	No	No 2	ethanol
			1.00000e-1	9.65083	1.03618e-2			
			2.00000e-1	19.33874	1.03419e-2			
			3.00000e-1	30.23445	9.92246e-3			
			5.00000e-1	49.47151	1.01068e-2			
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No 1	acetone
4.620	1	1	1.00000	48.12722	2.07783e-2	No	Yes 1	n-propanol
			1.00000	49.85645	2.00576e-2			
			1.00000	48.78792	2.04969e-2			
			1.00000	51.21192	1.95267e-2			
			1.00000	48.81258	2.04865e-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	49.98353	2.00066e-2	No	Yes 2	n-propanol
			1.00000	51.52529	1.94079e-2			
			1.00000	50.13486	1.99462e-2			
			1.00000	52.69037	1.89788e-2			
			1.00000	49.95755	2.00170e-2			

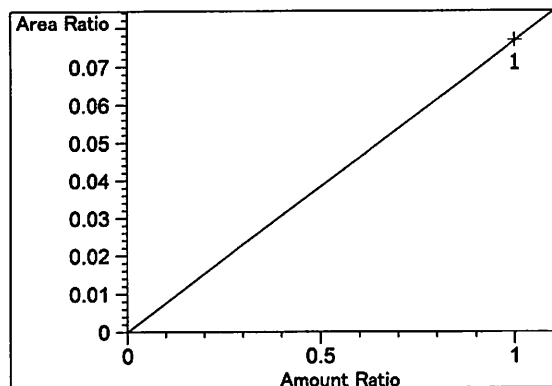
Peak Sum Table

No Entries in table

1 Warnings or Errors :

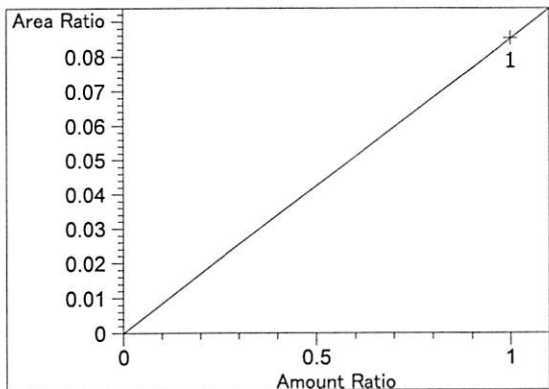
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

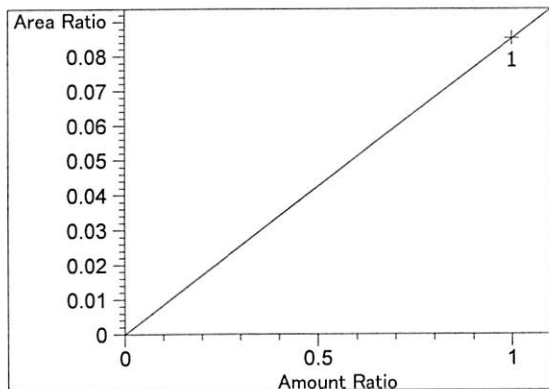


methanol at exp. RT: 2.586
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 7.68109e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

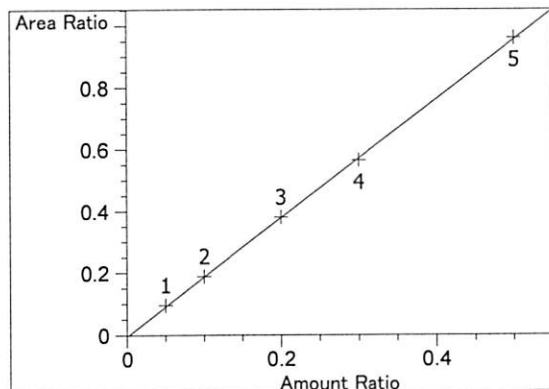
Ja



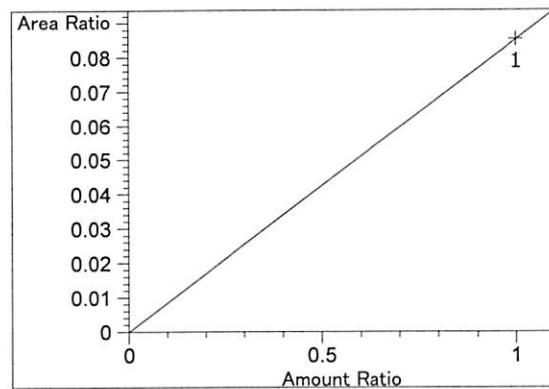
Acetaldehyde at exp. RT: 2.809
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 8.52481e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio



Acetaldehyde at exp. RT: 2.977
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 8.52481e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

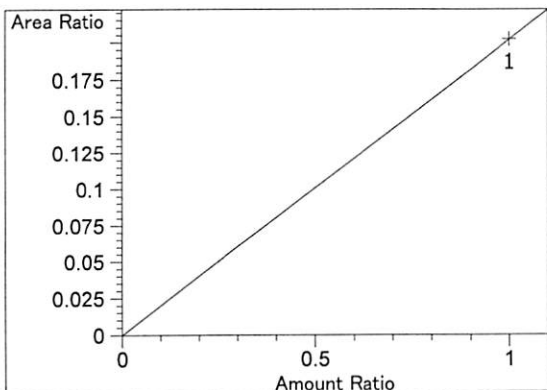


ethanol at exp. RT: 3.075
 FID1 A, Front Signal
 Correlation: 0.99991
 Residual Std. Dev.: 0.00524
 Formula: $y = mx + b$
 m: 1.92167
 b: -4.00751e-3
 x: Amount Ratio
 y: Area Ratio

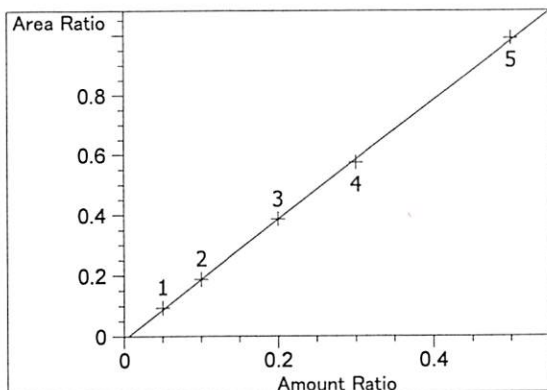


methanol at exp. RT: 3.388
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 8.52406e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

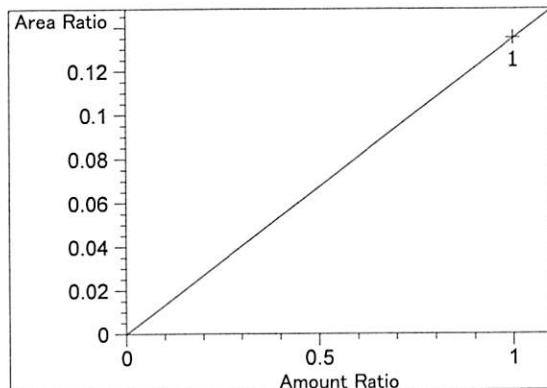
06



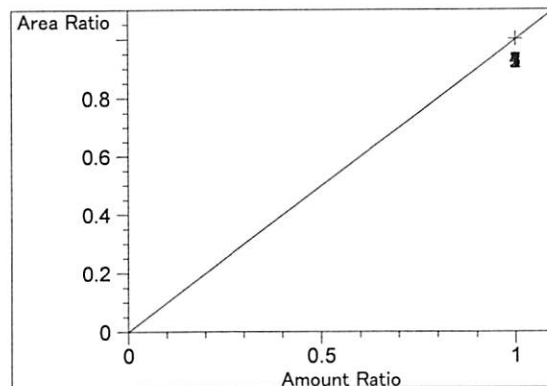
isopropyl alcohol at exp. RT: 3.628
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 2.02184e-1
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio



ethanol at exp. RT: 4.285
 FID2 B, Back Signal
 Correlation: 0.99978
 Residual Std. Dev.: 0.00860
 Formula: $y = mx + b$
 m: 1.98950
 b: -1.13131e-2
 x: Amount Ratio
 y: Area Ratio

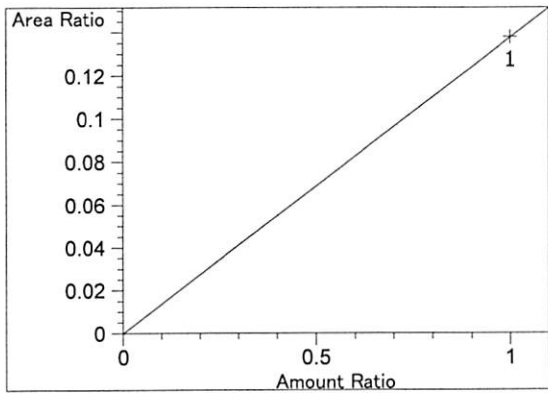


acetone at exp. RT: 4.308
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 1.35046e-1
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

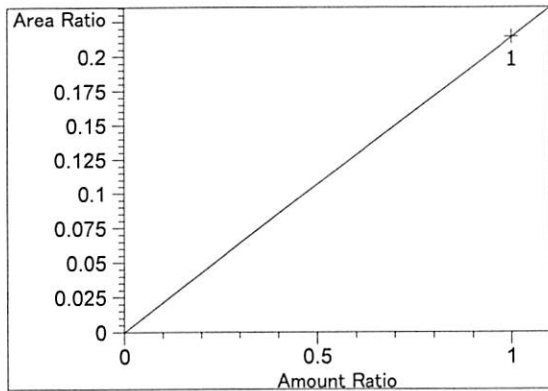


n-propanol at exp. RT: 4.620
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 1.00000
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

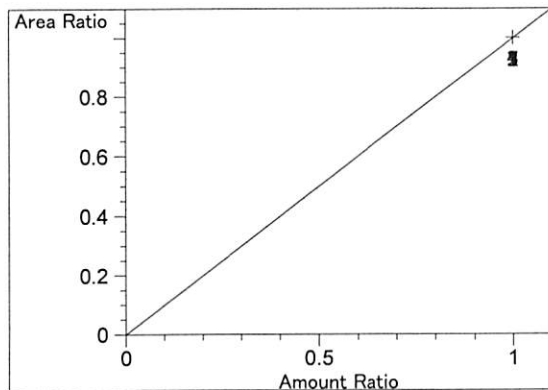
Handwritten signature



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.37906e-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: 2.14199e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



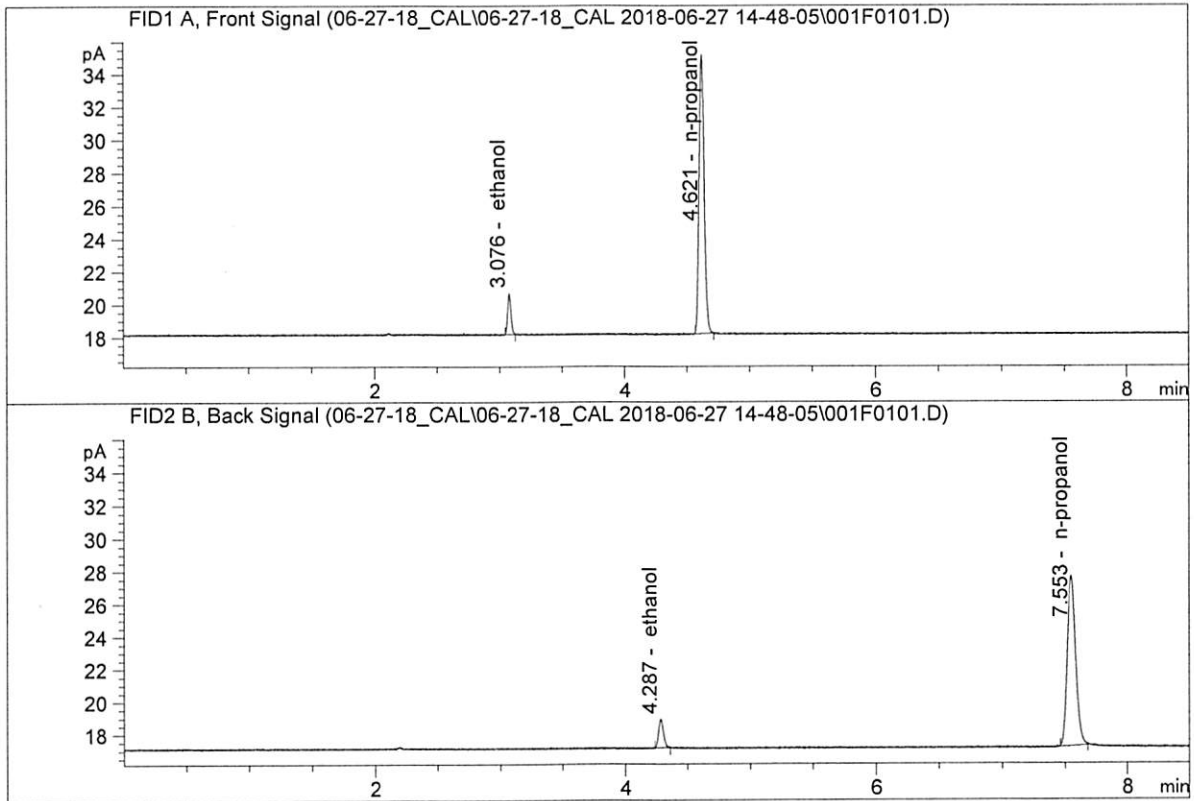
n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

=====

dc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
 Laboratory : Meridian
 Injection Date : Jun 27, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

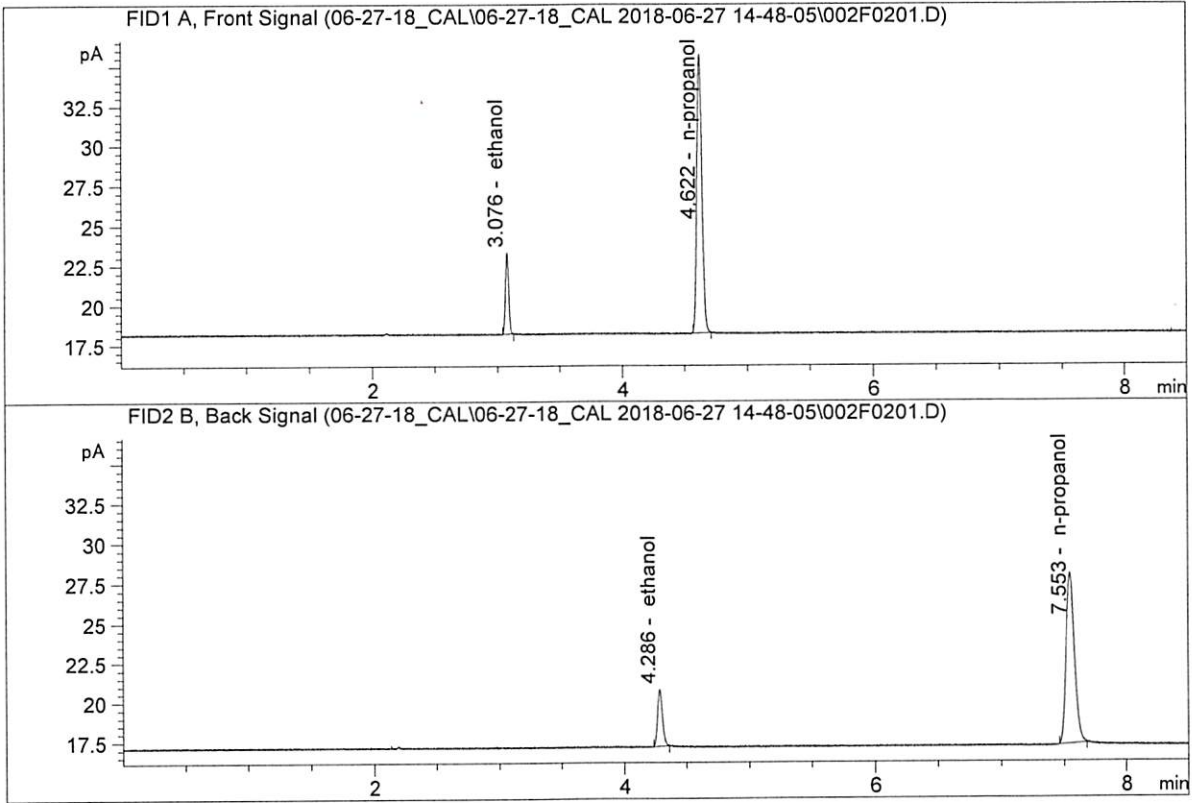


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.59442	0.0518	g/100cc
2.	Ethanol	Column 2:	4.71032	0.0531	g/100cc
3.	n-Propanol	Column 1:	48.12722	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.98353	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN06181501
 Laboratory : Meridian
 Injection Date : Jun 27, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

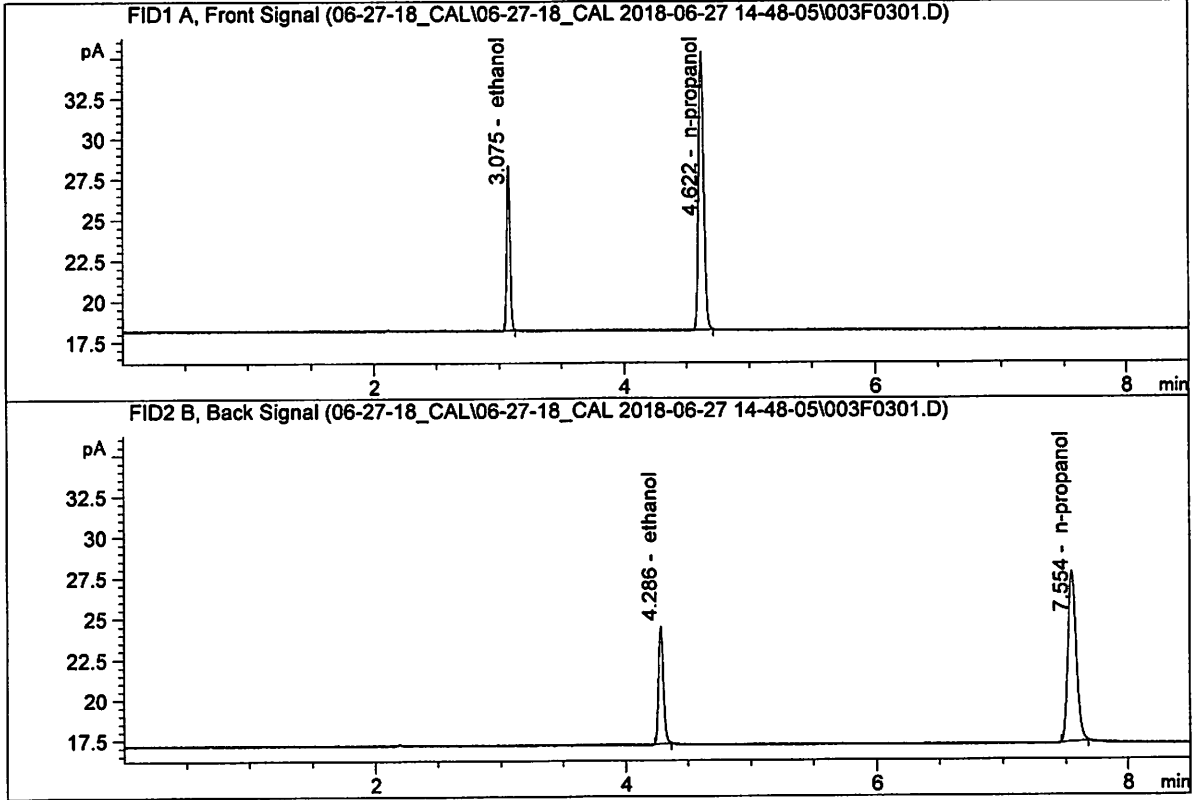


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.36995	0.0999	g/100cc
2.	Ethanol	Column 2:	9.65083	0.0998	g/100cc
3.	n-Propanol	Column 1:	49.85645	1.0000	g/100cc
4.	n-Propanol	Column 2:	51.52529	1.0000	g/100cc

dl

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN03301601
 Laboratory : Meridian
 Injection Date : Jun 27, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

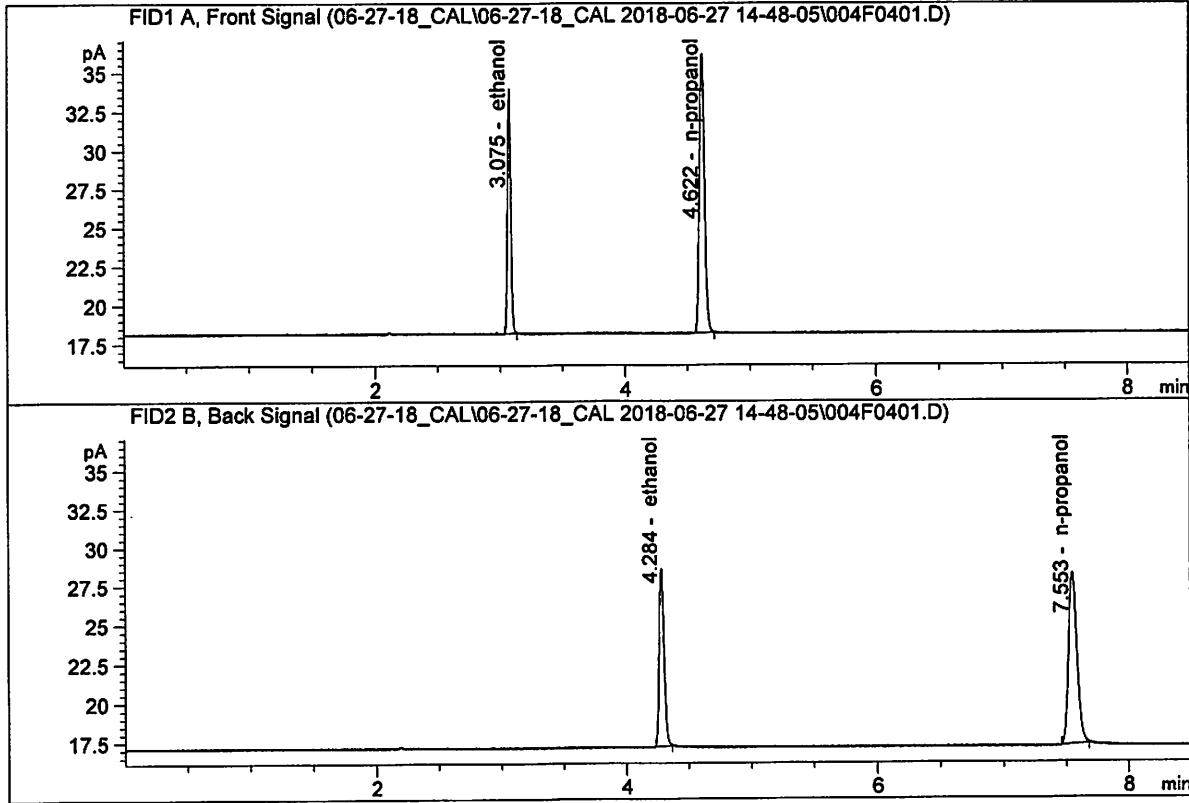


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.56101	0.2001	g/100cc
2.	Ethanol	Column 2:	19.33874	0.1996	g/100cc
3.	n-Propanol	Column 1:	48.78792	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.13486	1.0000	g/100cc

dg

ISP Forensic Services Blood Alcohol Report

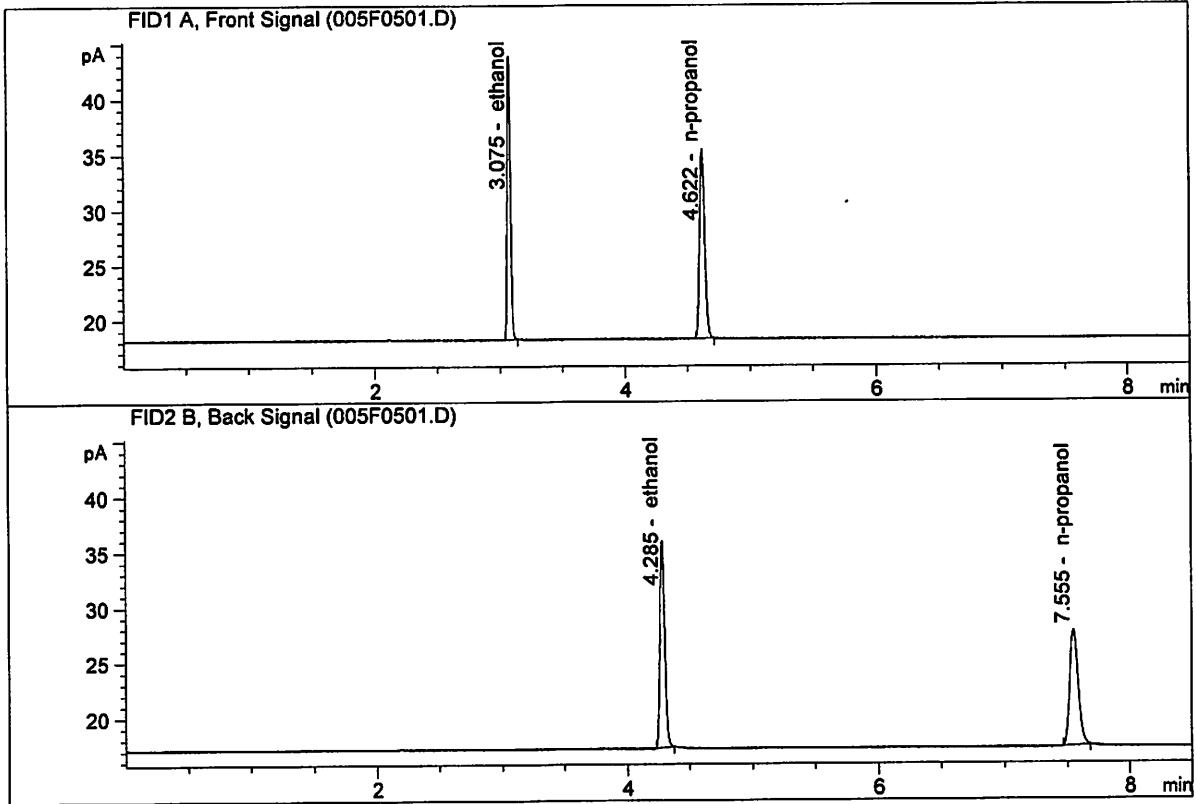
Sample Name : 0.300 FN02121601
 Laboratory : Meridian
 Injection Date : Jun 27, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	28.94173	0.2962	g/100cc
2.	Ethanol	Column 2:	30.23445	0.2941	g/100cc
3.	n-Propanol	Column 1:	51.21192	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.69037	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08031602
 Laboratory : Meridian
 Injection Date : Jun 27, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

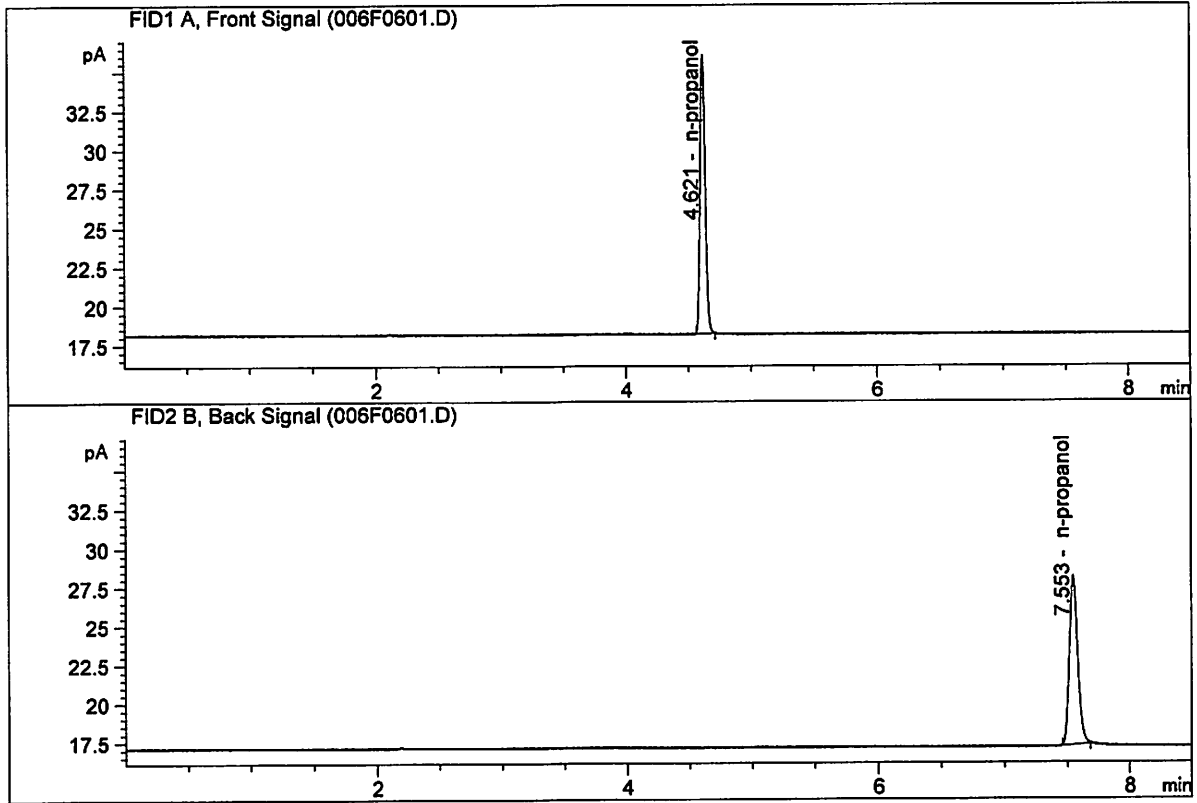


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	46.90399	0.5021	g/100cc
2.	Ethanol	Column 2:	49.47151	0.5034	g/100cc
3.	n-Propanol	Column 1:	48.81258	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.95755	1.0000	g/100cc

JK

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
 Laboratory : Meridian
 Injection Date : Jun 27, 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:	50.94783	1.0000	g/100cc
4.	n-Propanol	Column 2:	52.44312	1.0000	g/100cc

S a m p l e S u m m a r y

Sequence table: C:\Chem32\1\Data\06-27-18_CAL\06-27-18_CAL 2018-06-27 14-48-05\06-27-18_CAL.S
 Data directory path: C:\Chem32\1\Data\06-27-18_CAL\06-27-18_CAL 2018-06-27 14-48-05\
 Logbook: C:\Chem32\1\Data\06-27-18_CAL\06-27-18_CAL 2018-06-27 14-48-05\06-27-18_CAL.LOG
 Sequence start: 6/27/2018 3:02:42 PM
 Sequence Operator: SYSTEM
 Operator: SYSTEM

Method file name: C:\Chem32\1\Data\06-27-18_CAL\06-27-18_CAL 2018-06-27 14-48-05\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 FN03301601	-	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