

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls Run Date(s): 06/15/20-06/16/20

Calibration Date(s): 06/15/20

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0721-0.0893	0.0808 g/100cc
					0.0800 g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1988 g/100cc
					0.1993 g/100cc
Multi-Component mixture:					
Curve Fit:		Column 1	Lot #	Column 2	
		1.00000	FN06041502		ok
					0.99997

Ethanol Calibration Reference Material						
Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0504	0.0518	0.0014	0.0511
100	0.100	0.090 - 0.110	0.0999	0.0997	0.0002	0.0998
200	0.200	0.180 - 0.220	0.1998	0.1985	0.0013	0.1991
300	0.300	0.270 - 0.330	0.2995	0.2990	0.0005	0.2992
400	0.400	0.360 - 0.440	N/A	N/A	#####	#DIV/0!
500	0.500	0.450 - 0.550	0.5003	0.5011	0.0008	0.5007

Aqueous Controls			
Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.081 g/100cc

REVIEWED

By Galina Giso at 1:17 pm, Jun 16, 2020

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By Galina Giso at 1:17 pm, Jun 16, 2020

6/16/2020

Worklist: 4306

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
M2020-1999	1	BCK	Alcohol Analysis	
M2020-2003	1	BCK	Alcohol Analysis	
M2020-2010	1	BCK	Alcohol Analysis	
M2020-2024	1	BCK	Alcohol Analysis	
M2020-2033	1	BCK	Alcohol Analysis	
M2020-2034	1	BCK	Alcohol Analysis	
M2020-2054	1	BCK	Alcohol Analysis	
M2020-2082	1	BCK	Alcohol Analysis	
M2020-2083	1	BCK	Alcohol Analysis	
M2020-2091	1	BCK	Alcohol Analysis	
M2020-2095	1	BCK	Alcohol Analysis	
M2020-2128	1	BCK	Alcohol Analysis	
M2020-2147	1	BCK	Alcohol Analysis	
M2020-2158	1	BCK	Alcohol Analysis	
M2020-2159	1	BCK	Alcohol Analysis	
M2020-2163	2	BCK	Alcohol Analysis	
M2020-2178	1	BCK	Alcohol Analysis	
M2020-2179	1	BCK	Alcohol Analysis	
M2020-2180	1	BCK	Alcohol Analysis	
M2020-2181	1	BCK	Alcohol Analysis	
M2020-2182	1	BCK	Alcohol Analysis	

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Worklist: 4306

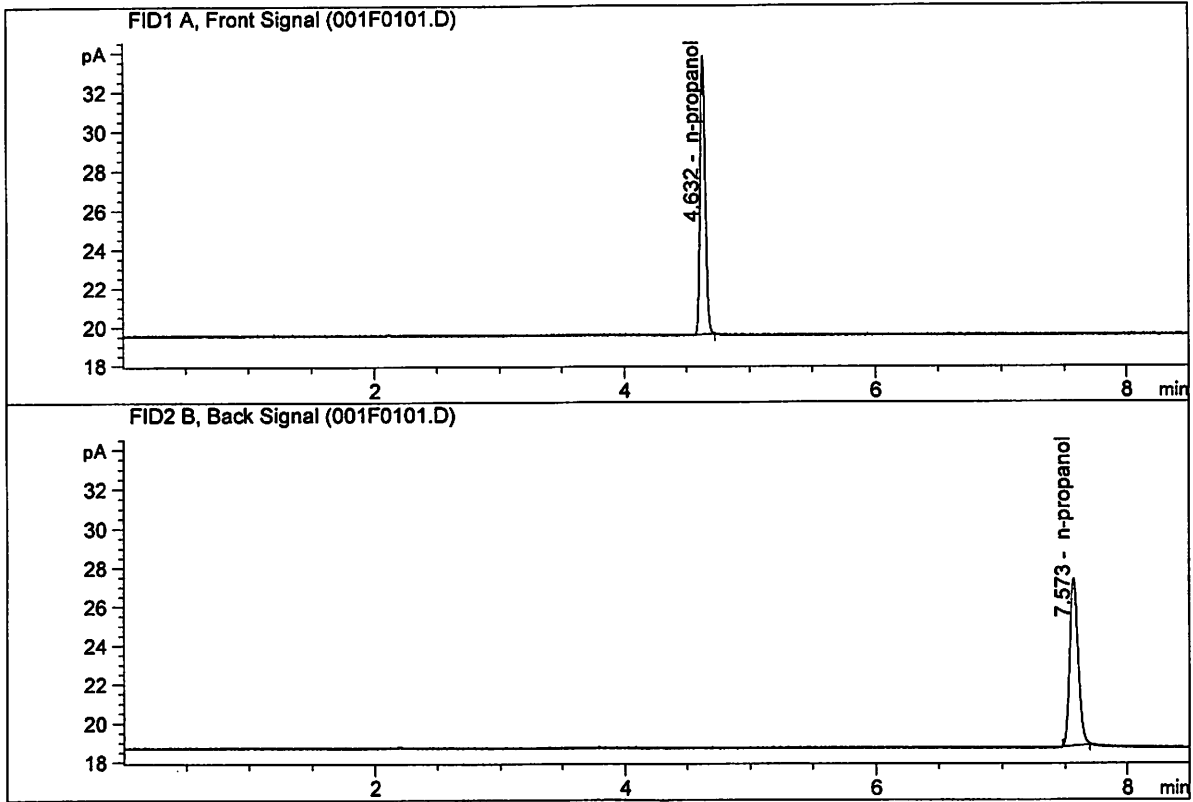
<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>
M2020-2188	1	BCK	Alcohol Analysis



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ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

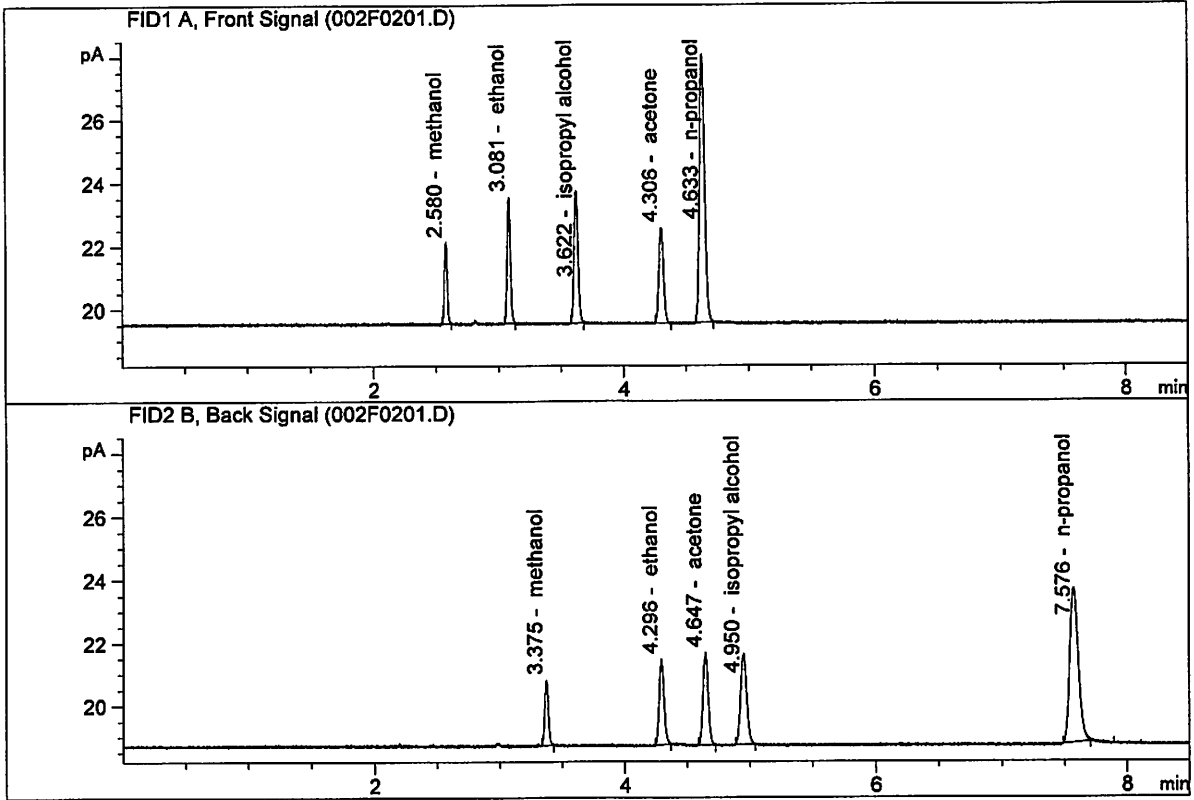


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.43622	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.30157	1.0000	g/100cc

OK

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.12805	0.1426	g/100cc
2.	Ethanol	Column 2:	7.26552	0.1438	g/100cc
3.	n-Propanol	Column 1:	23.94597	1.0000	g/100cc
4.	n-Propanol	Column 2:	23.89549	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 15 Jun 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0802	0.0810	0.0008	0.0806	0.0004	0.0808
(g/100cc)	0.0806	0.0815	0.0009	0.0810		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m

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.

JG

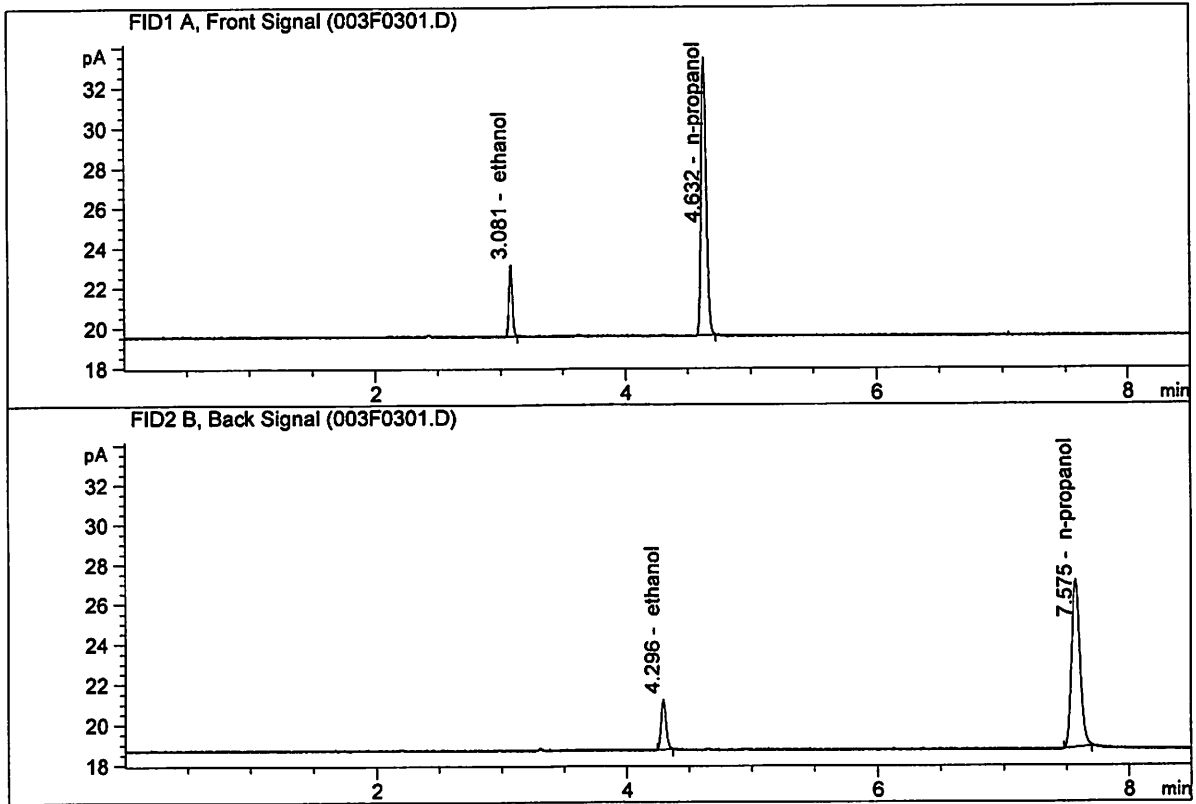
Revision: 2

Issue Date: 12/23/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

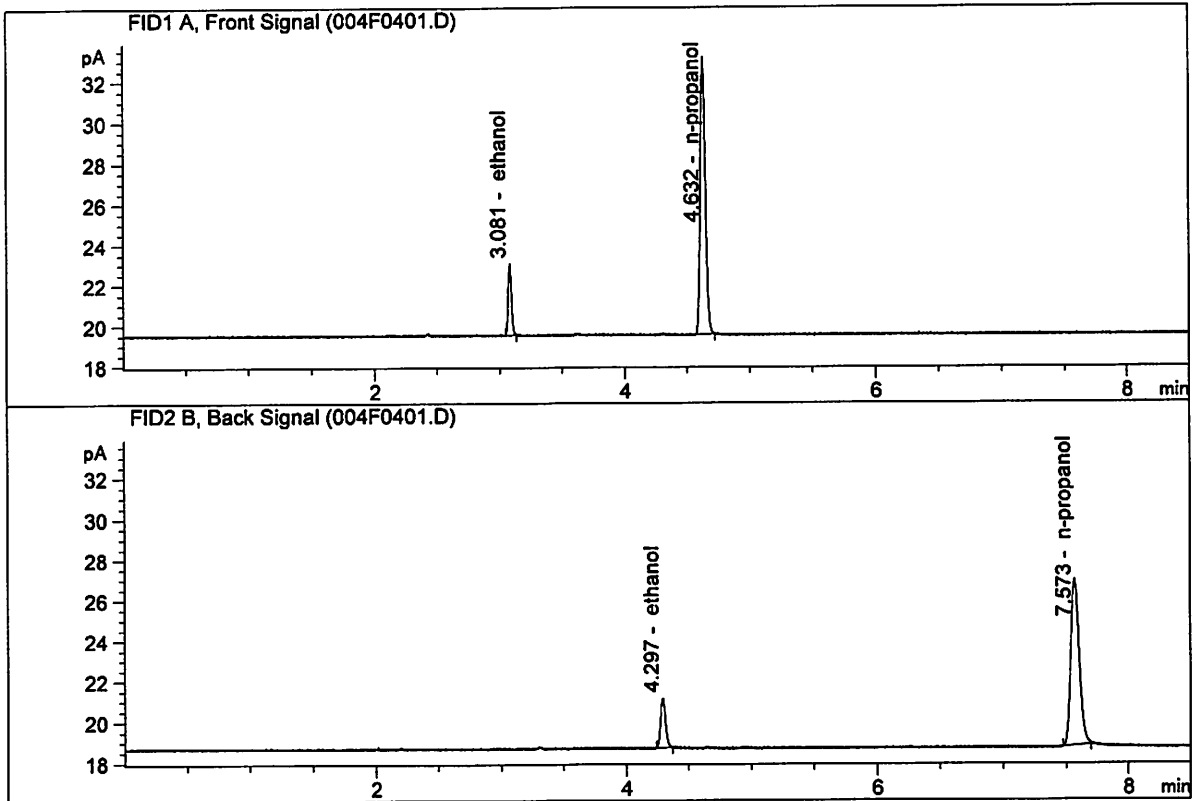


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.56056	0.0802	g/100cc
2.	Ethanol	Column 2:	6.63800	0.0810	g/100cc
3.	n-Propanol	Column 1:	39.44682	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.00975	1.0000	g/100cc

UG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.46234	0.0806	g/100cc
2.	Ethanol	Column 2:	6.55553	0.0815	g/100cc
3.	n-Propanol	Column 1:	38.65761	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.24824	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701

Analysis Date(s): 15 Jun 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0817	0.0820	0.0003	0.0818	0.0003	0.0819
(g/100cc)	0.0815	0.0827	0.0012	0.0821		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m

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.

JG

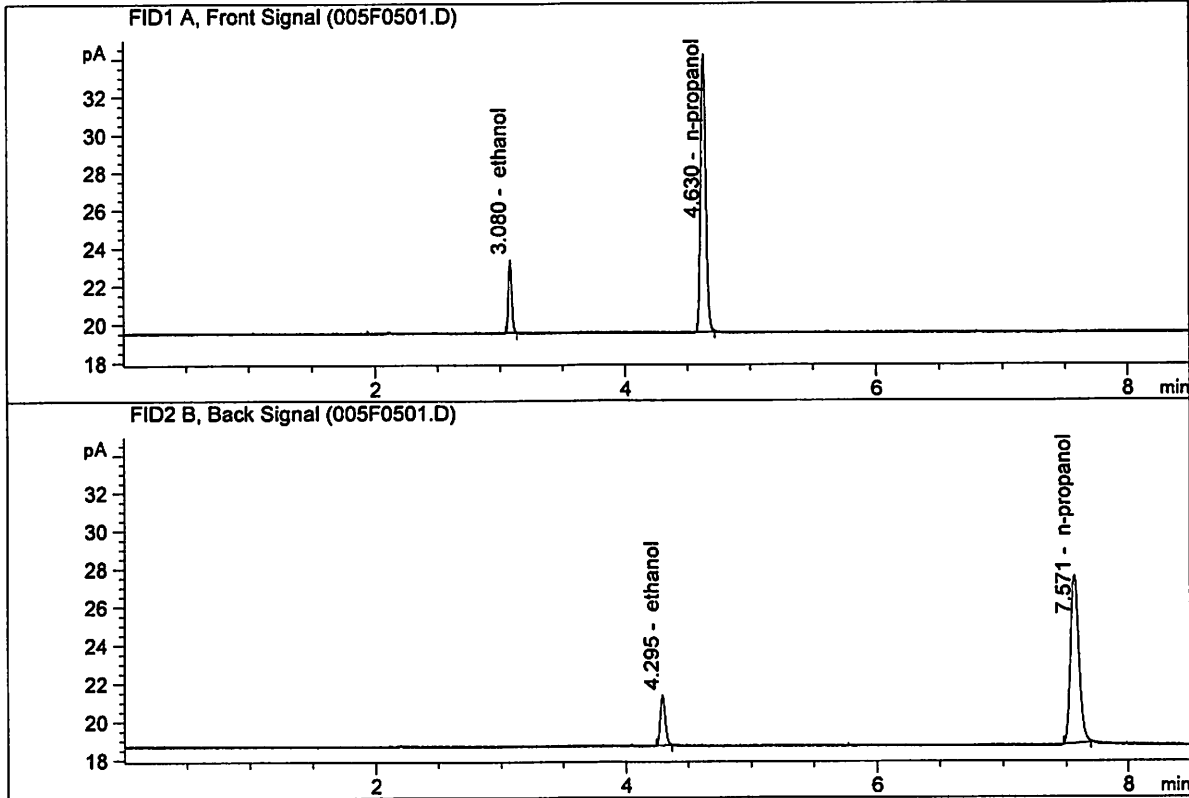
Revision: 2

Issue Date: 12/23/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

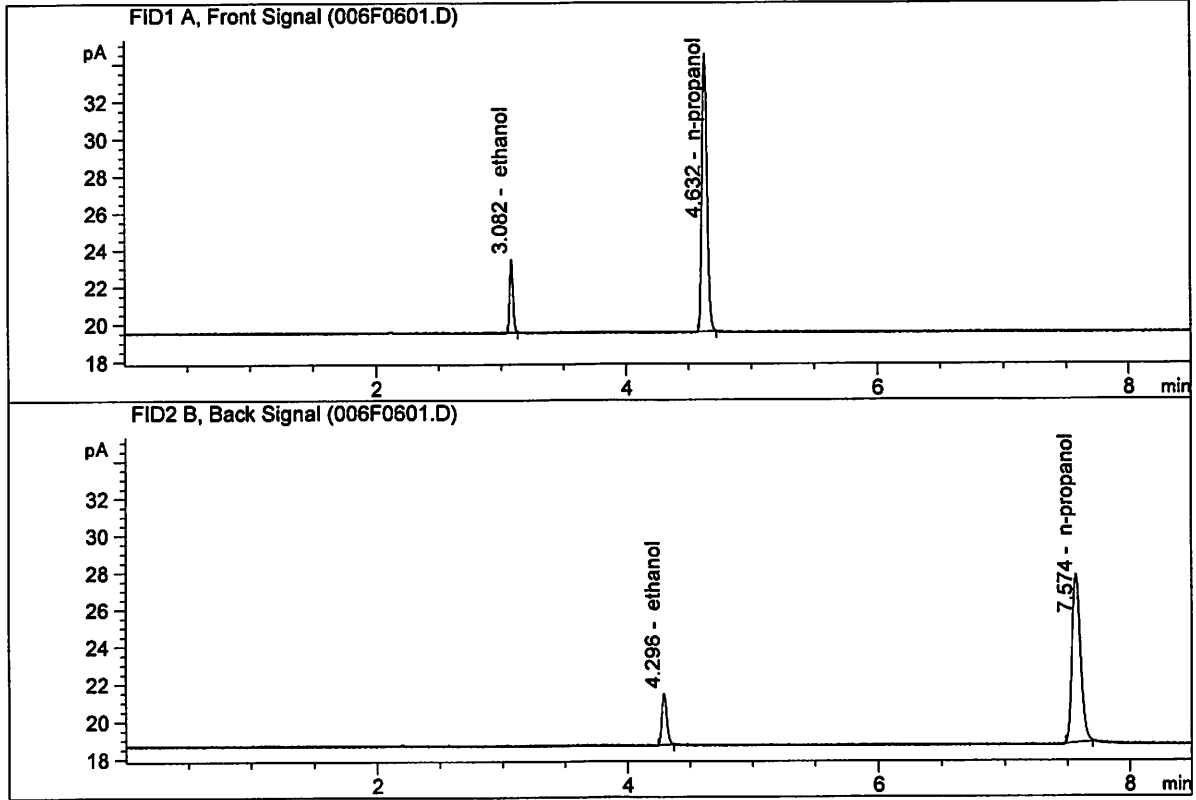
Sample Name : 0.08 FN04171701-A
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.04525	0.0817	g/100cc
2.	Ethanol	Column 2:	7.11136	0.0820	g/100cc
3.	n-Propanol	Column 1:	41.61132	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.28871	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.19647	0.0815	g/100cc
2.	Ethanol	Column 2:	7.34386	0.0827	g/100cc
3.	n-Propanol	Column 1:	42.57246	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.25659	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1

Analysis Date(s): 15 Jun 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1990	0.1981	0.0009	0.1985	0.0006	0.1988
(g/100cc)	0.1997	0.1985	0.0012	0.1991		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m

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	

Calibration and control data are stored centrally.

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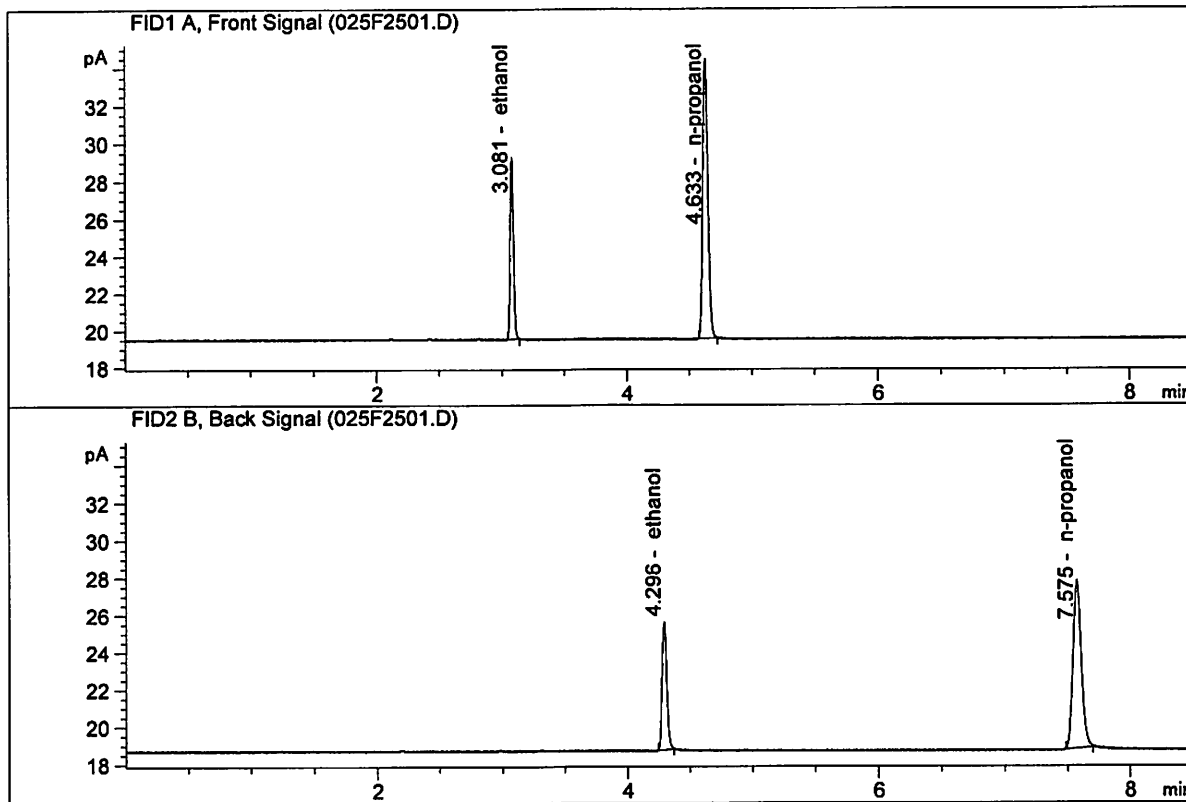
Revision: 2

Issue Date: 12/23/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

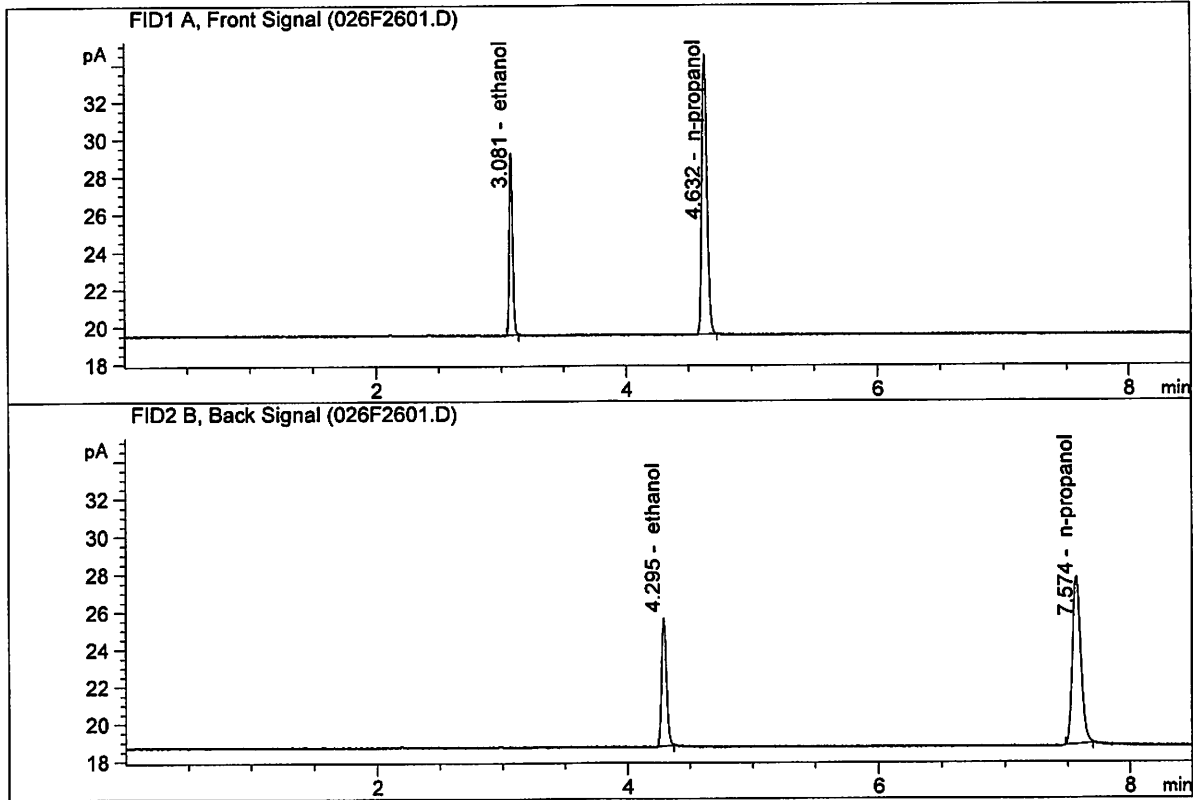


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.70913	0.1990	g/100cc
2.	Ethanol	Column 2:	18.27289	0.1981	g/100cc
3.	n-Propanol	Column 1:	42.52078	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.14671	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.74035	0.1997	g/100cc
2.	Ethanol	Column 2:	18.30247	0.1985	g/100cc
3.	n-Propanol	Column 1:	42.43649	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.13984	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2

Analysis Date(s): 15 Jun 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0801	0.0807	0.0006	0.0804	0.0008	0.0800
(g/100cc)	0.0791	0.0801	0.0010	0.0796		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m

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.

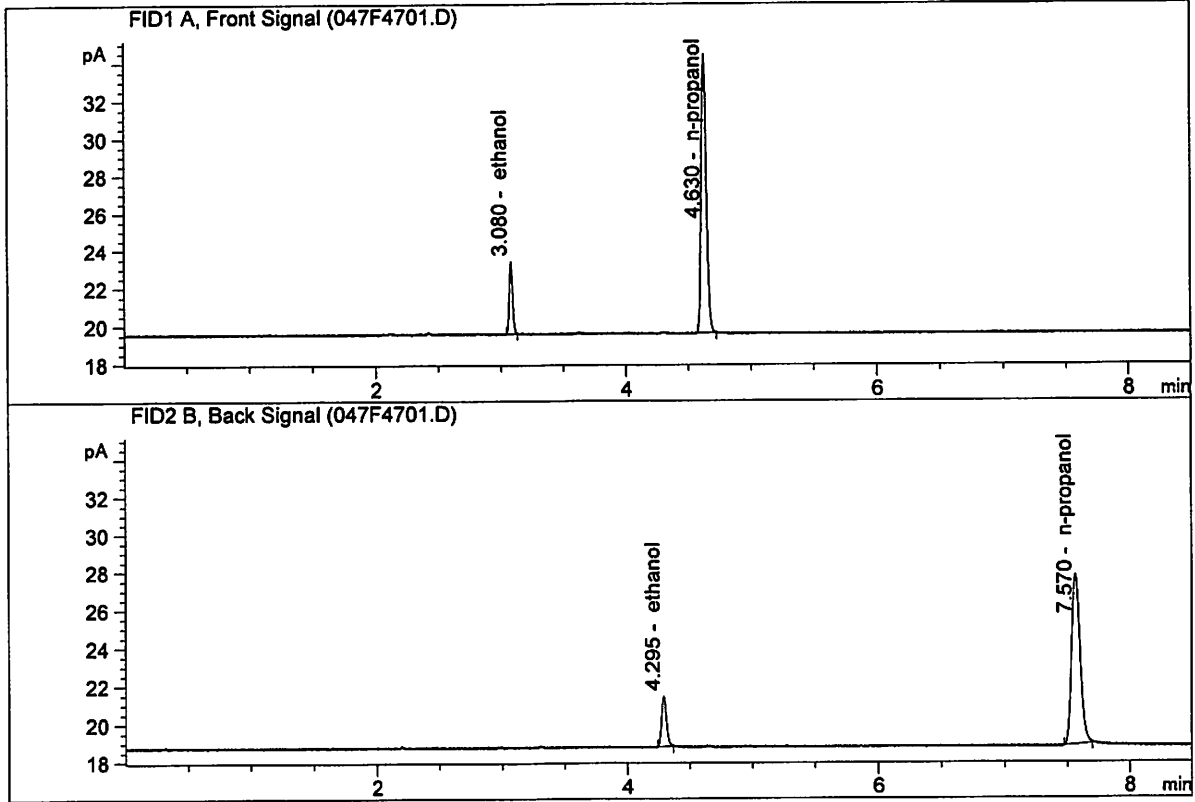
Revision: 2

Issue Date: 12/23/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

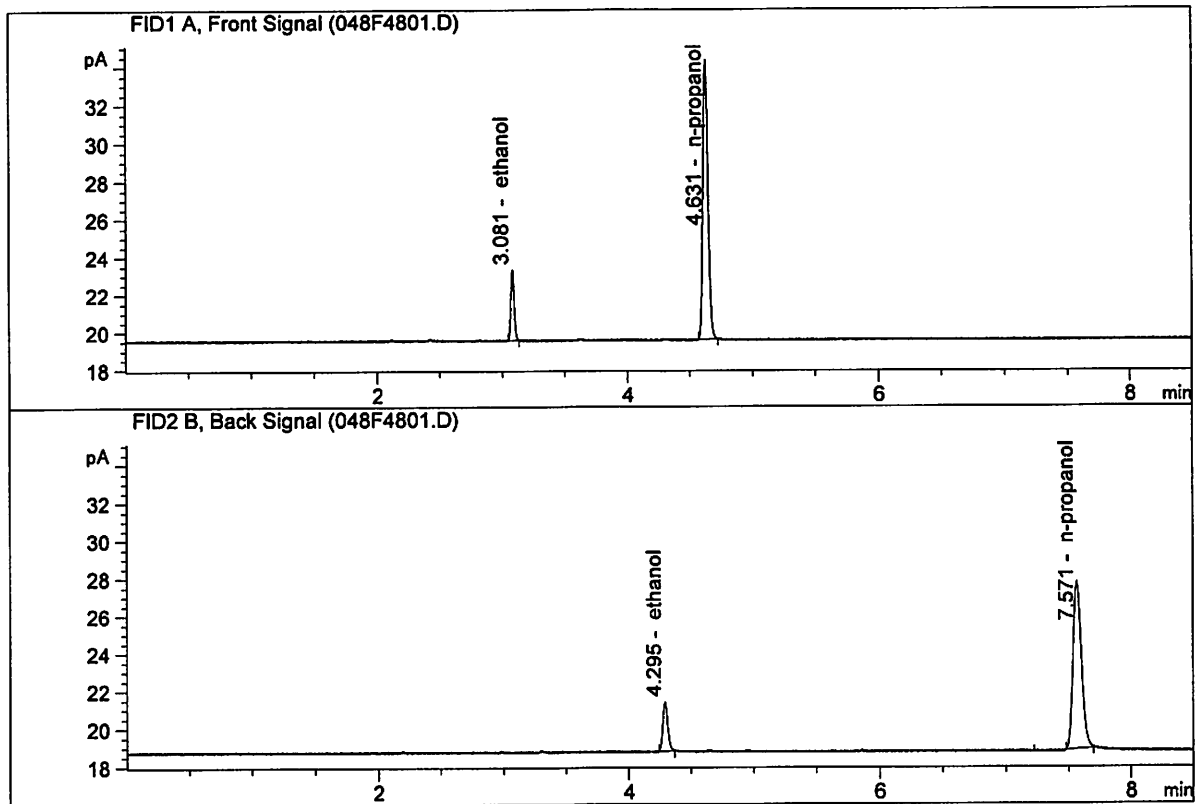


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.99530	0.0801	g/100cc
2.	Ethanol	Column 2:	7.10549	0.0807	g/100cc
3.	n-Propanol	Column 1:	42.13015	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.00790	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.87900	0.0791	g/100cc
2.	Ethanol	Column 2:	6.98366	0.0801	g/100cc
3.	n-Propanol	Column 1:	41.96269	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.59846	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2

Analysis Date(s): 15 Jun 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1998	0.1993	0.0005	0.1995	0.0005	0.1993
(g/100cc)	0.1995	0.1986	0.0009	0.1990		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m

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.

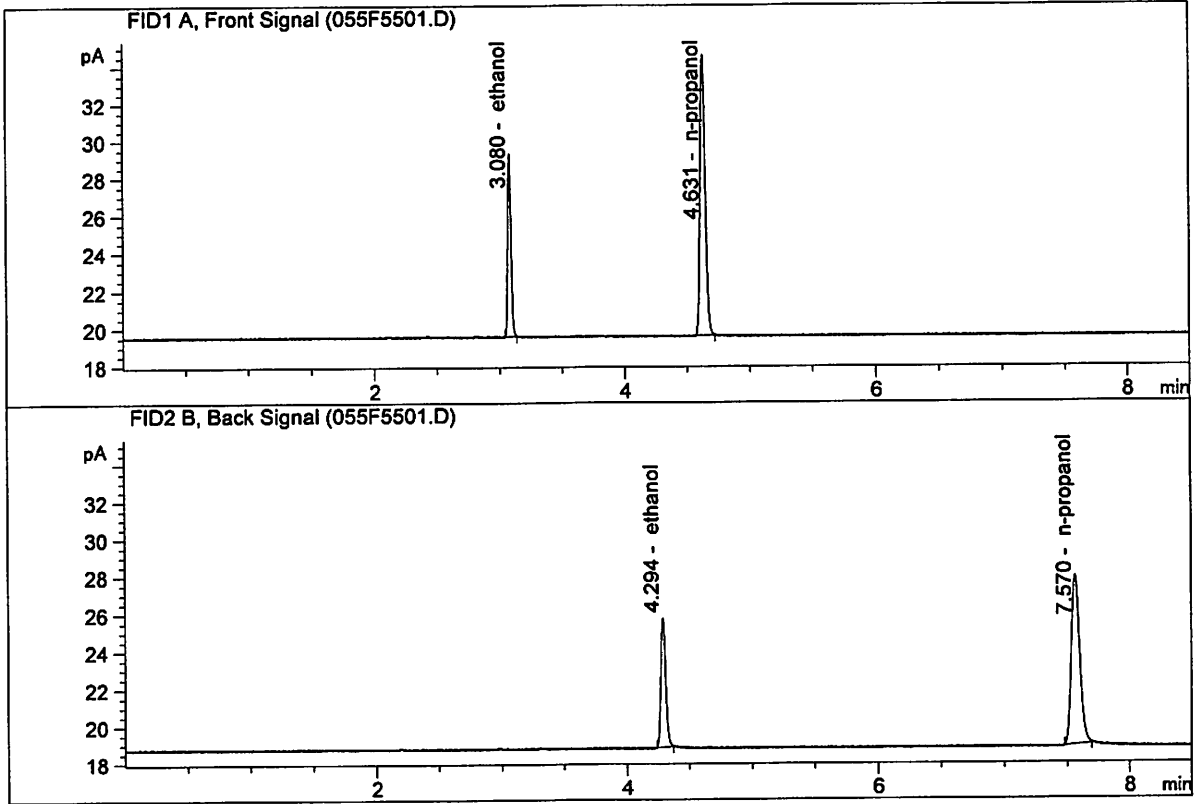

Revision: 2

Issue Date: 12/23/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

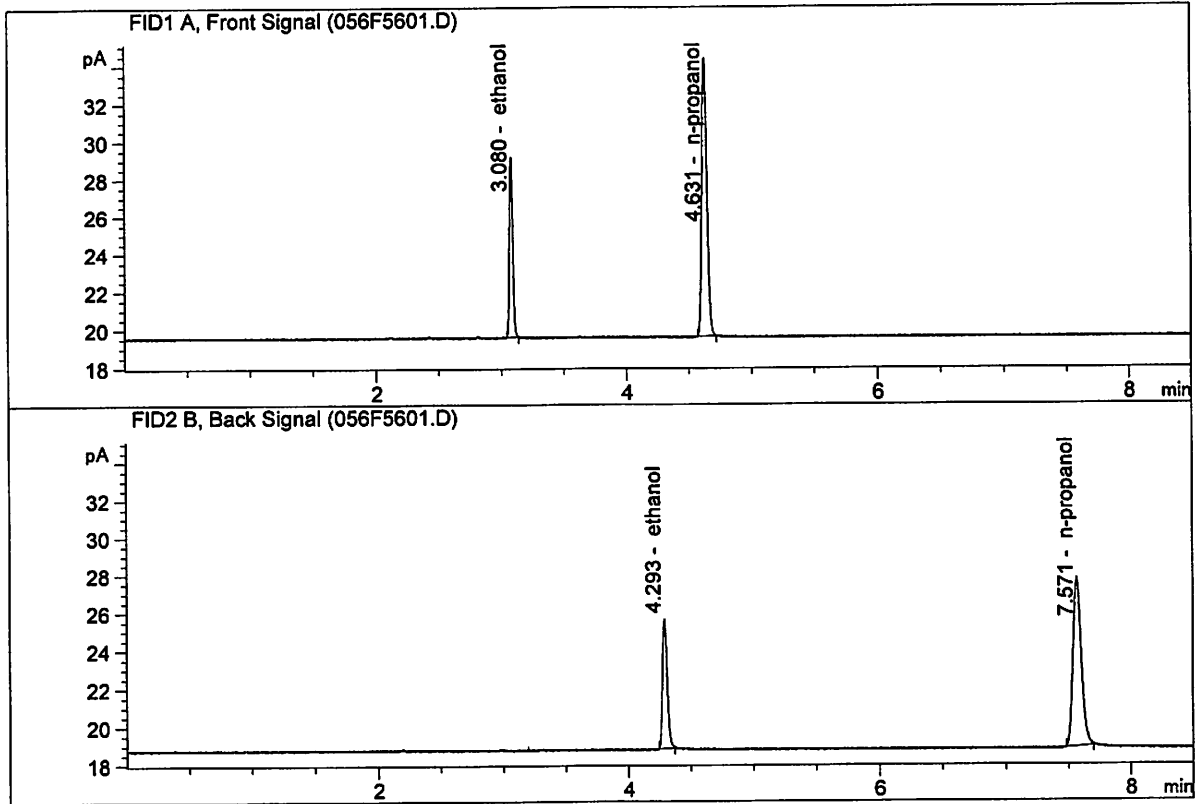
Sample Name : QC2-2-A
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.82575	0.1998	g/100cc
2.	Ethanol	Column 2:	18.45670	0.1993	g/100cc
3.	n-Propanol	Column 1:	42.63711	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.32235	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
 Laboratory : Meridian
 Injection Date : Jun 16, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

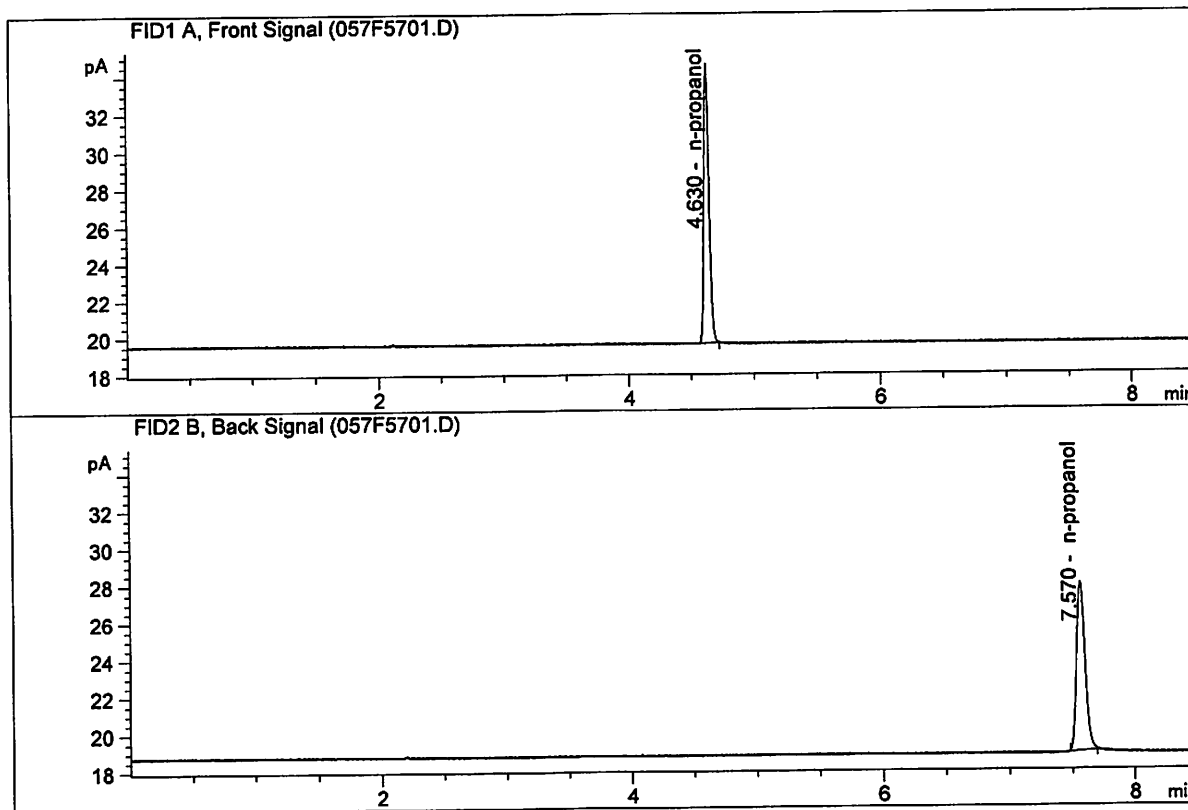


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.58158	0.1995	g/100cc
2.	Ethanol	Column 2:	18.21497	0.1986	g/100cc
3.	n-Propanol	Column 1:	42.11332	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.90527	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
 Laboratory : Meridian
 Injection Date : Jun 16, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	42.70074	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.41464	1.0000	g/100cc

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Sample Summary

Sequence table: C:\Chem32\1\Data\06-15-20-2_SAMPLES\6-15-20-2_SAMPLES 2020-06-15 14-17-26
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 Data directory path: C:\Chem32\1\Data\06-15-20-2_SAMPLES\6-15-20-2_SAMPLES 2020-06-15 14-17-26
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 Sequence start: 6/15/2020 2:32:13 PM
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 Operator: SYSTEM
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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	M2020-1999-1-A	-	1.0000	007F0701.D		4
8	8	1	M2020-1999-1-B	-	1.0000	008F0801.D		4
9	9	1	M2020-2003-1-A	-	1.0000	009F0901.D		4
10	10	1	M2020-2003-1-B	-	1.0000	010F1001.D		4
11	11	1	M2020-2010-1-A	-	1.0000	011F1101.D		4
12	12	1	M2020-2010-1-B	-	1.0000	012F1201.D		4
13	13	1	M2020-2024-1-A	-	1.0000	013F1301.D		4
14	14	1	M2020-2024-1-B	-	1.0000	014F1401.D		4
15	15	1	M2020-2033-1-A	-	1.0000	015F1501.D		4
16	16	1	M2020-2033-1-B	-	1.0000	016F1601.D		4
17	17	1	M2020-2034-1-A	-	1.0000	017F1701.D		4
18	18	1	M2020-2034-1-B	-	1.0000	018F1801.D		4
19	19	1	M2020-2054-1-A	-	1.0000	019F1901.D		2
20	20	1	M2020-2054-1-B	-	1.0000	020F2001.D		2
21	21	1	M2020-2082-1-A	-	1.0000	021F2101.D		4
22	22	1	M2020-2082-1-B	-	1.0000	022F2201.D		4
23	23	1	M2020-2083-1-A	-	1.0000	023F2301.D		4
24	24	1	M2020-2083-1-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	M2020-2091-1-A	-	1.0000	027F2701.D		2
28	28	1	M2020-2091-1-B	-	1.0000	028F2801.D		2
29	29	1	M2020-2095-1-A	-	1.0000	029F2901.D		4
30	30	1	M2020-2095-1-B	-	1.0000	030F3001.D		4
31	31	1	M2020-2128-1-A	-	1.0000	031F3101.D		4
32	32	1	M2020-2128-1-B	-	1.0000	032F3201.D		4
33	33	1	M2020--2147-1-A	-	1.0000	033F3301.D		4
34	34	1	M2020-2147-1-B	-	1.0000	034F3401.D		4
35	35	1	M2020-2158-1-A	-	1.0000	035F3501.D		4
36	36	1	M2020-2158-1-B	-	1.0000	036F3601.D		4
37	37	1	M2020-2159-1-A	-	1.0000	037F3701.D		4
38	38	1	M2020-2159-1-B	-	1.0000	038F3801.D		4
39	39	1	M2020-2163-2-A	-	1.0000	039F3901.D		2
40	40	1	M2020-2163-2-B	-	1.0000	040F4001.D		2
41	41	1	M2020-2178-1-A	-	1.0000	041F4101.D		2
42	42	1	M2020-2178-1-B	-	1.0000	042F4201.D		2
43	43	1	M2020-2179-1-A	-	1.0000	043F4301.D		4

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Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
44	44	1	M2020-2179-1-B	-	1.0000	044F4401.D		4
45	45	1	M2020-2180-1-A	-	1.0000	045F4501.D		4
46	46	1	M2020-2180-1-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	M2020-2181-1-A	-	1.0000	049F4901.D		4
50	50	1	M2020-2181-1-B	-	1.0000	050F5001.D		4
51	51	1	M2020-2182-1-A	-	1.0000	051F5101.D		4
52	52	1	M2020-2182-1-B	-	1.0000	052F5201.D		4
53	53	1	M2020-2188-1-A	-	1.0000	053F5301.D		4
54	54	1	M2020-2188-1-B	-	1.0000	054F5401.D		4
55	55	1	QC2-2-A	-	1.0000	055F5501.D		4
56	56	1	QC2-2-B	-	1.0000	056F5601.D		4
57	57	1	INTERNAL STD BLK	-	1.0000	057F5701.D		2

Method file name: C:\Chem32\1\Data\06-15-20-2_SAMPLES\6-15-20-2_SAMPLES 2020-06-15 14-17-26 \SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
58	58	1	EMPTY	-	1.0000	058F5801.D		0

26

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

General Calibration Setting

Calib. Data Modified : Monday, June 15, 2020 11:20:07 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

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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	4.43902	1.12637e-2	No	No	1 ethanol
		2	1.00000e-1	8.85341	1.12951e-2			
		3	2.00000e-1	17.57347	1.13808e-2			
		4	3.00000e-1	26.73905	1.12195e-2			
		5	5.00000e-1	44.02878	1.13562e-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	4.54809	1.09936e-2	No	No	2 ethanol
		2	1.00000e-1	9.06243	1.10346e-2			
		3	2.00000e-1	18.22939	1.09713e-2			
		4	3.00000e-1	27.99216	1.07173e-2			
		5	5.00000e-1	46.40215	1.07754e-2			
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1 acetone
4.620	1	1	1.00000	42.91658	2.33010e-2	No	Yes	1 n-propanol
		2	1.00000	42.60219	2.34730e-2			
		3	1.00000	42.01823	2.37992e-2			
		4	1.00000	42.56452	2.34937e-2			
		5	1.00000	41.88836	2.38730e-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	44.72614	2.23583e-2	No	Yes	2 n-propanol
		2	1.00000	43.78362	2.28396e-2			
		3	1.00000	42.96523	2.32746e-2			
		4	1.00000	43.37846	2.30529e-2			
		5	1.00000	42.58672	2.34815e-2			

Peak Sum Table

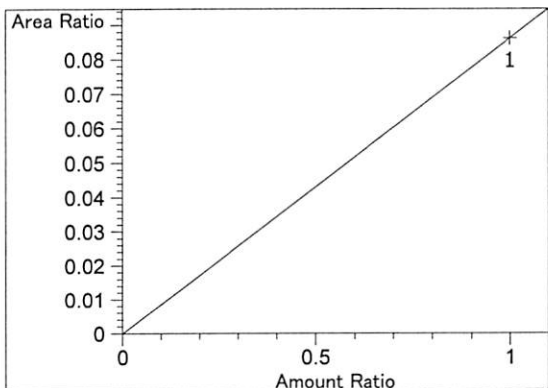
No Entries in table

51 Warnings or Errors (10 first messages follow) :

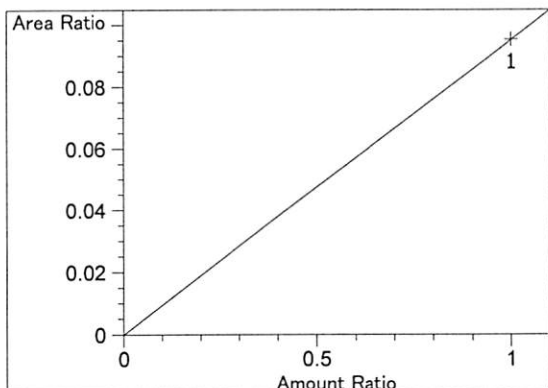
- Warning : Curve requires more calibration points., (methanol)
- Warning : Curve requires more calibration points. at 2.586 min, signal 1
- Warning : Curve requires more calibration points. at 2.809 min, signal 1
- Warning : Curve requires more calibration points. at 2.977 min, signal 2
- Warning :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

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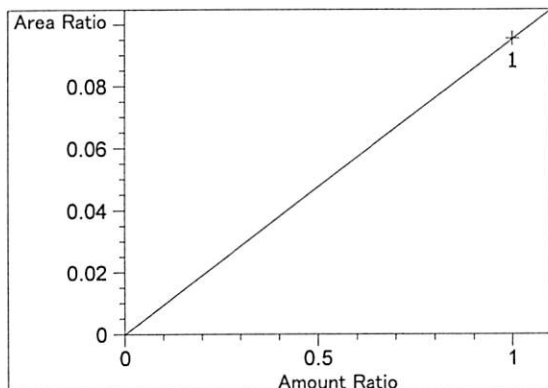
=====
 Calibration Curves
 =====



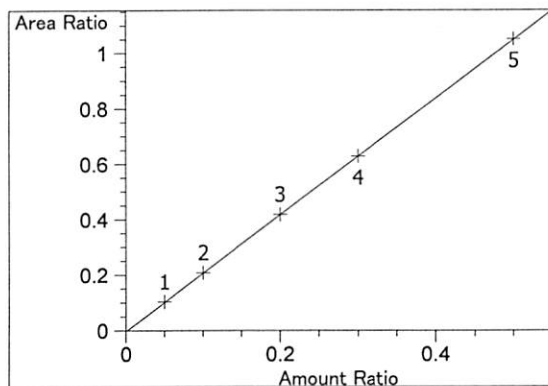
methanol at exp. RT: 2.586
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 8.61367e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio



Acetaldehyde at exp. RT: 2.809
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 9.52687e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

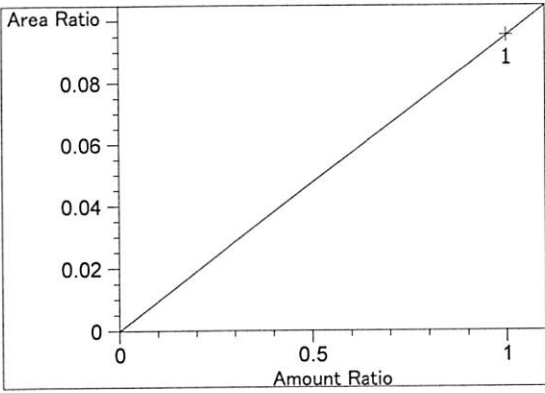


Acetaldehyde at exp. RT: 2.977
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 9.52687e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

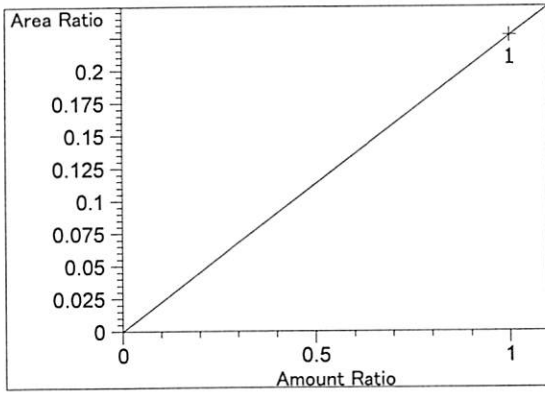


ethanol at exp. RT: 3.075
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00085
 Formula: $y = mx + b$
 m: 2.10617
 b: -2.66194e-3
 x: Amount Ratio
 y: Area Ratio

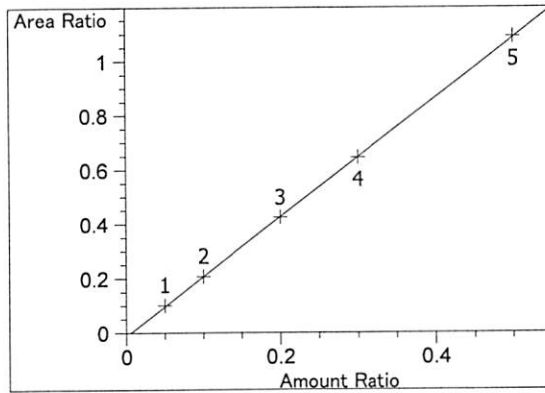
36



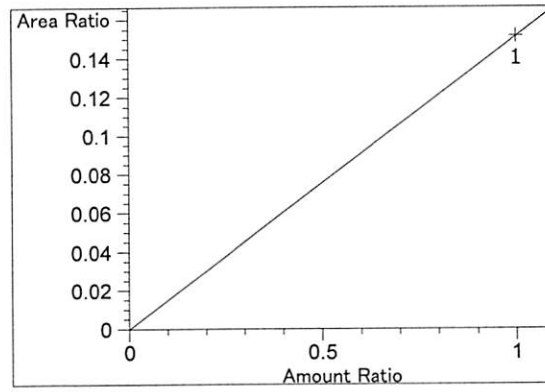
methanol at exp. RT: 3.388
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: $9.52603e-2$
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio



isopropyl alcohol at exp. RT: 3.628
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: $2.26732e-1$
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

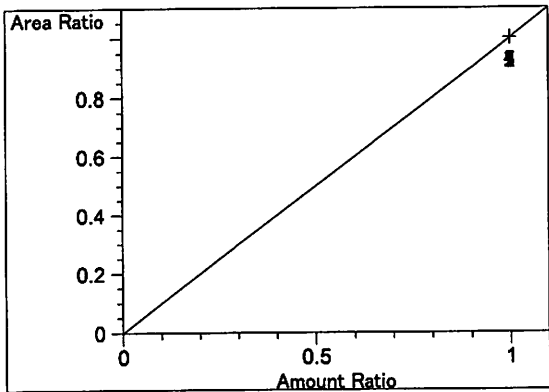


ethanol at exp. RT: 4.285
 FID2 B, Back Signal
 Correlation: 0.99997
 Residual Std. Dev.: 0.00352
 Formula: $y = mx + b$
 m: 2.19860
 b: $-1.21094e-2$
 x: Amount Ratio
 y: Area Ratio

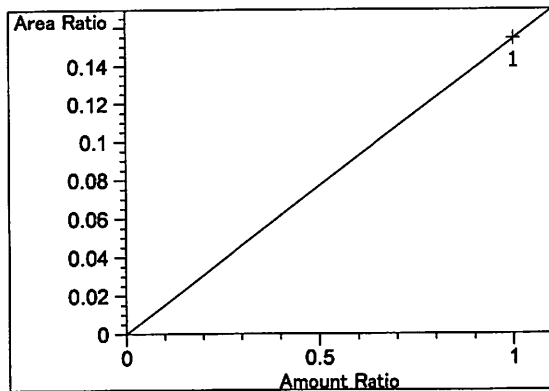


acetone at exp. RT: 4.308
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: $1.51443e-1$
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

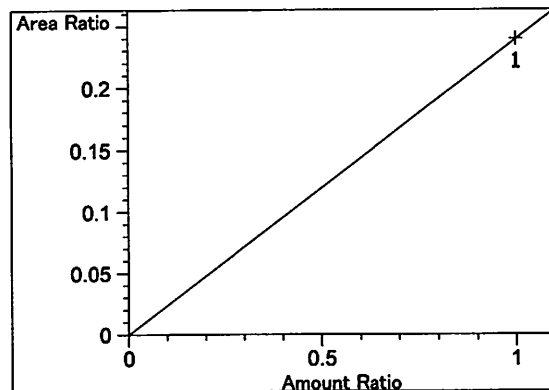
dg



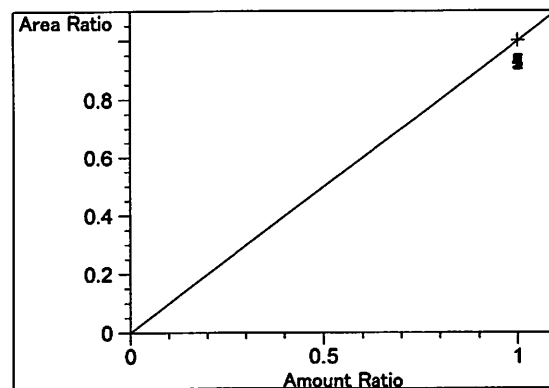
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.54116e-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: 2.39377e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

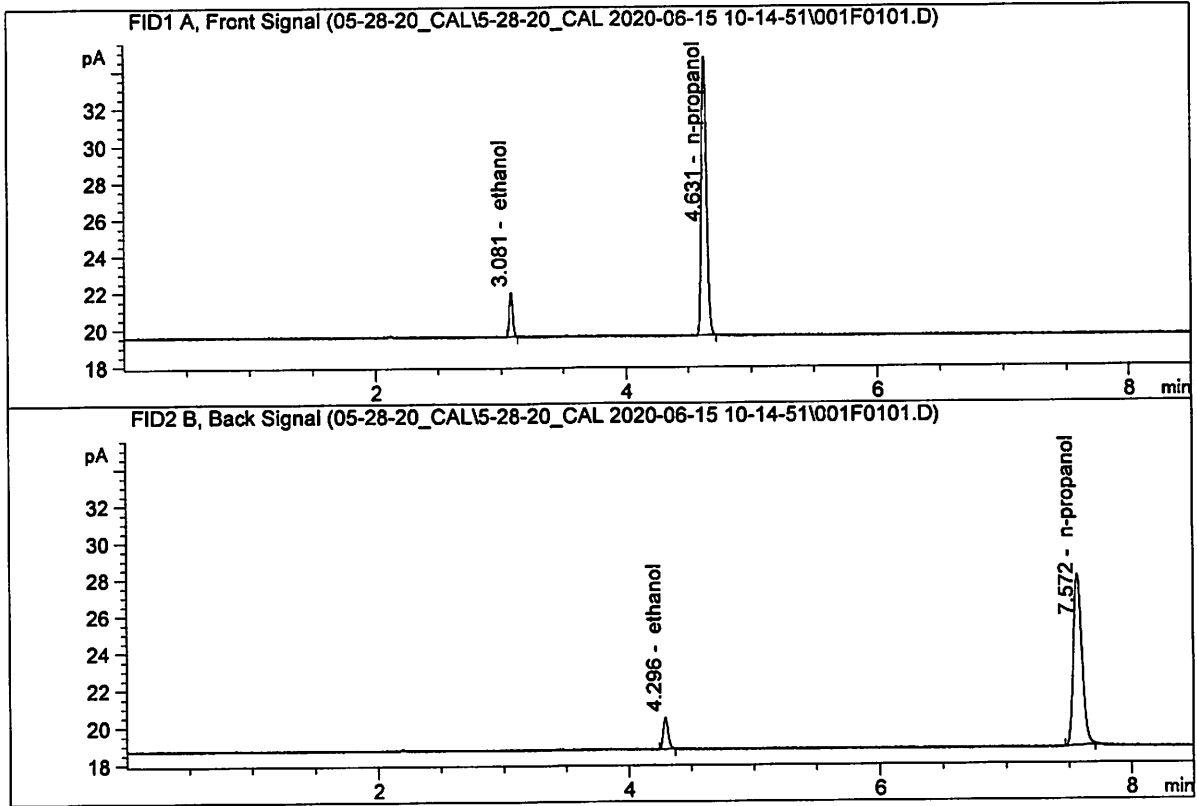


n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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ISP Forensic Services Blood Alcohol Report

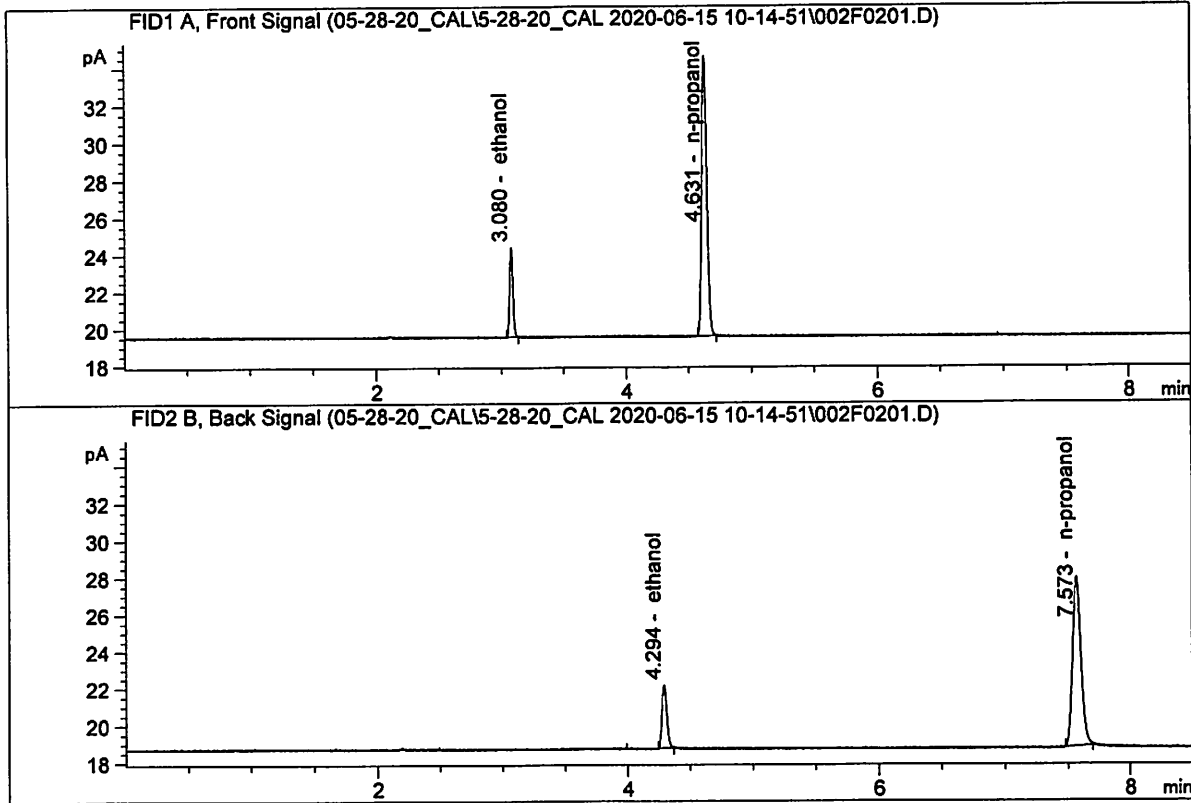
Sample Name : 0.050 FN05211804
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.43902	0.0504	g/100cc
2.	Ethanol	Column 2:	4.54809	0.0518	g/100cc
3.	n-Propanol	Column 1:	42.91658	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.72614	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN02271802
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

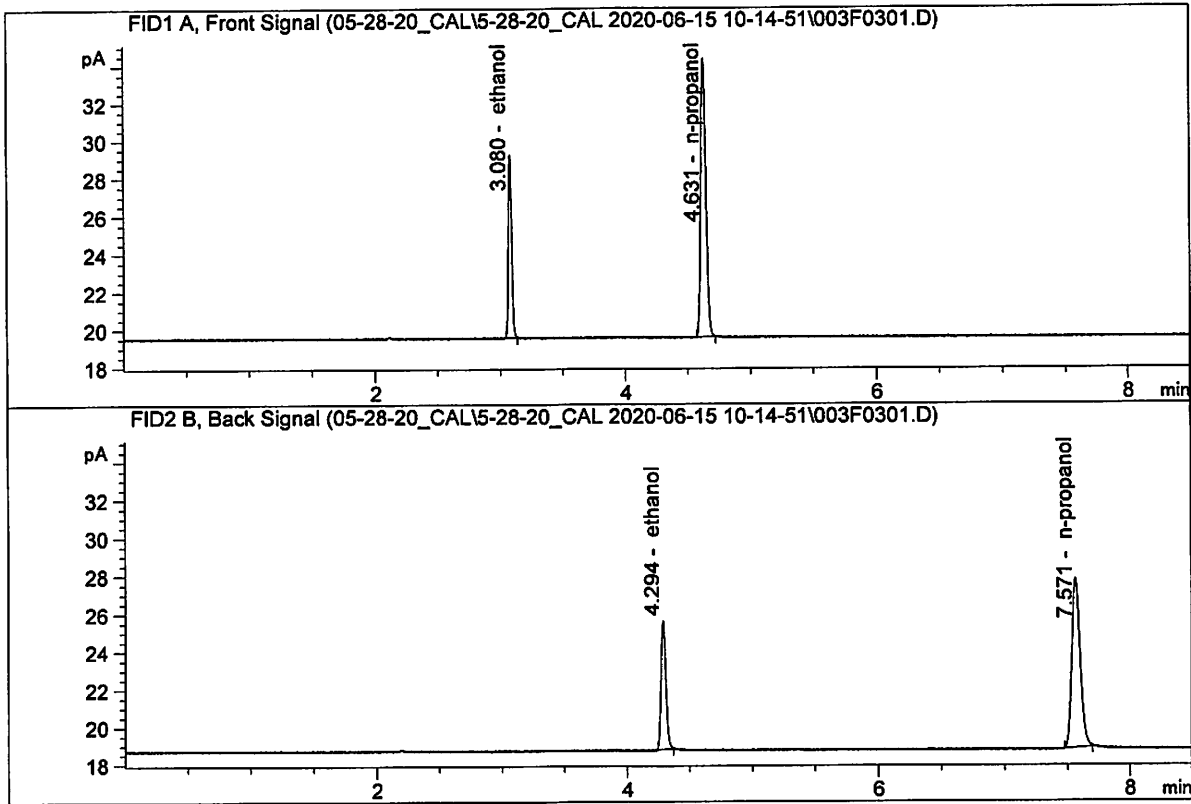


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.85341	0.0999	g/100cc
2.	Ethanol	Column 2:	9.06243	0.0997	g/100cc
3.	n-Propanol	Column 1:	42.60219	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.78362	1.0000	g/100cc

SG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN06231704
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

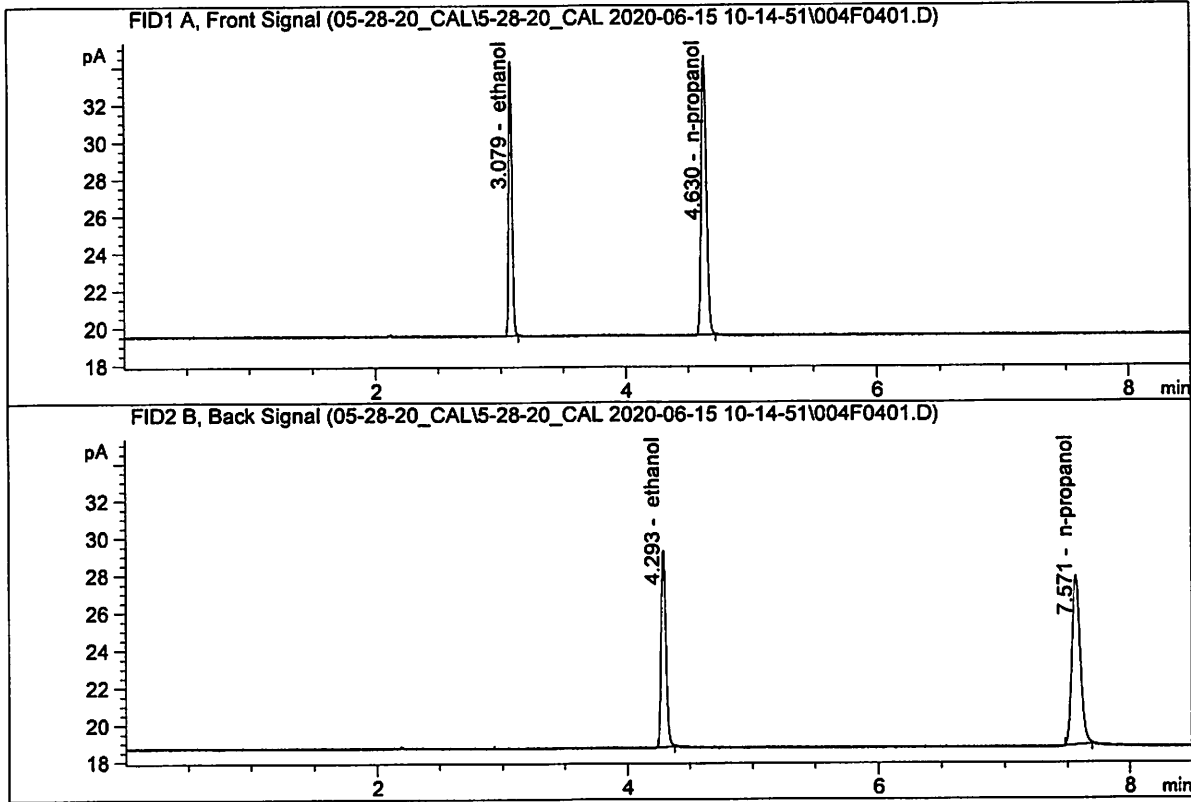


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.57347	0.1998	g/100cc
2.	Ethanol	Column 2:	18.22939	0.1985	g/100cc
3.	n-Propanol	Column 1:	42.01823	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.96523	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

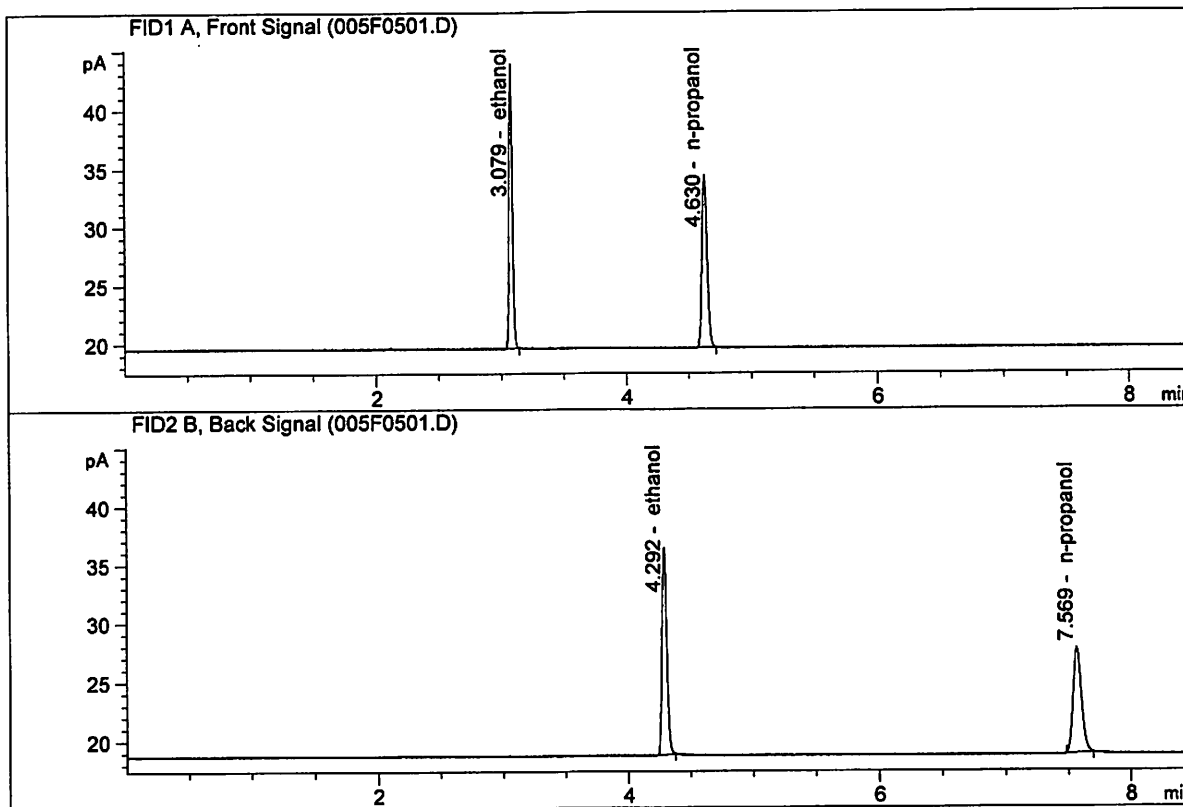
Sample Name : 0.300 FN07311804
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.73905	0.2995	g/100cc
2.	Ethanol	Column 2:	27.99216	0.2990	g/100cc
3.	n-Propanol	Column 1:	42.56452	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.37846	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08031602
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

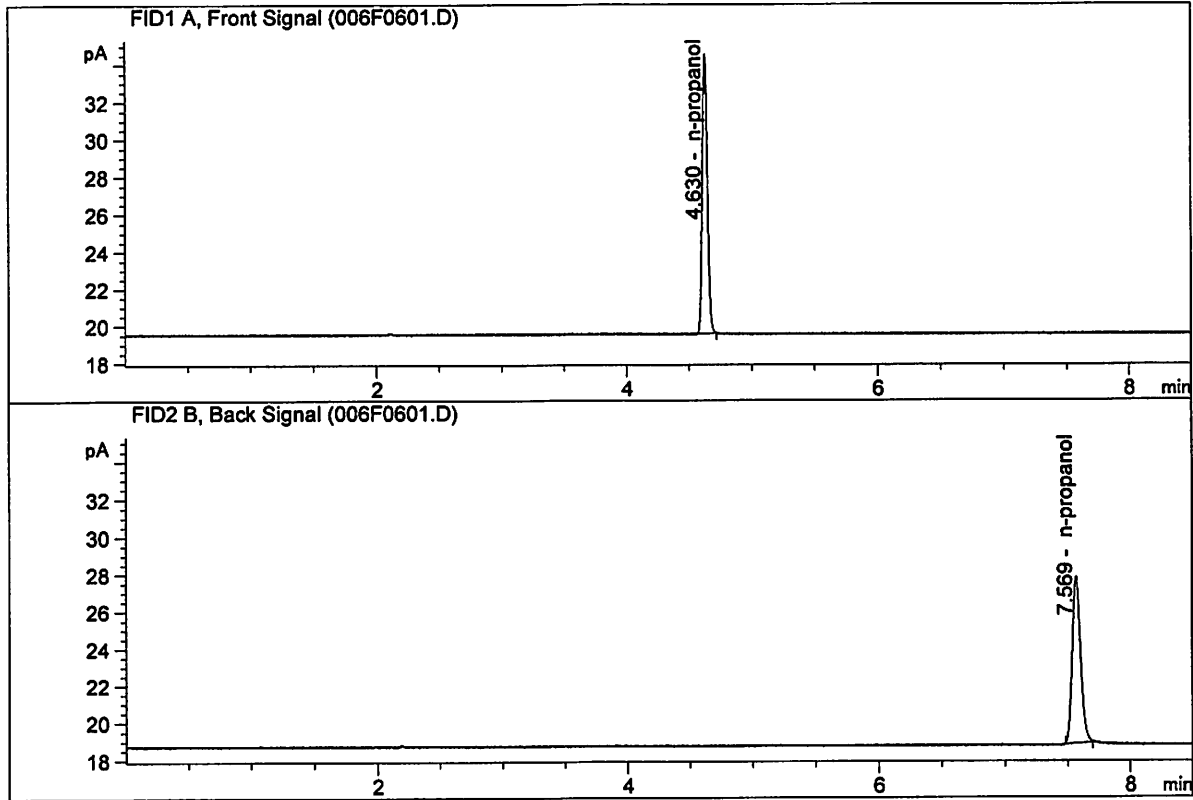


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.02878	0.5003	g/100cc
2.	Ethanol	Column 2:	46.40215	0.5011	g/100cc
3.	n-Propanol	Column 1:	41.88836	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.58672	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
 Laboratory : Meridian
 Injection Date : Jun 15, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	42.46056	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.30332	1.0000	g/100cc

JK

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

Sequence table: C:\Chem32\1\Data\05-28-20_CAL\5-28-20_CAL 2020-06-15 10-14-51\5-28-20_CAL
S
Data directory path: C:\Chem32\1\Data\05-28-20_CAL\5-28-20_CAL 2020-06-15 10-14-51\
Logbook: C:\Chem32\1\Data\05-28-20_CAL\5-28-20_CAL 2020-06-15 10-14-51\5-28-20_CAL
LOG
Sequence start: 6/15/2020 10:29:33 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\05-28-20_CAL\5-28-20_CAL 2020-06-15 10-14-51\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	Cmp
1	1	1	0.050 FN05211804	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN02271802	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN06231704	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN07311804	-	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

Cal curve was incorrectly saved as 5/28/20
It was run 6/15/20

JG 6/16/20

JG