REVIEWED
By Galina Giso at 3:57 pm, Sep 23, 2020

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): 9/21/20-9/22/20**

Calibration Date(s): 9/18/20

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0729 g/100cc
					0.0745 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1959 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:		**Lot #**	FN07101701		ok
Curve Fit:	**Column 1**	0.99998	**Column2**	0.99992	

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0506	0.0521	0.0015	0.0513
100	0.100	0.090 - 0.110	0.1002	0.1000	0.0002	0.1001
200	0.200	0.180 - 0.220	0.2000	0.1990	0.001	0.1995
300	0.300	0.270 - 0.330			0	#DIV/0!
400	0.400	0.360 - 0.440	0.2983	0.2967	0.0016	0.2975
500	0.500	0.450 - 0.550	0.5009	0.5022	0.0013	0.5015

Aqueous Controls

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

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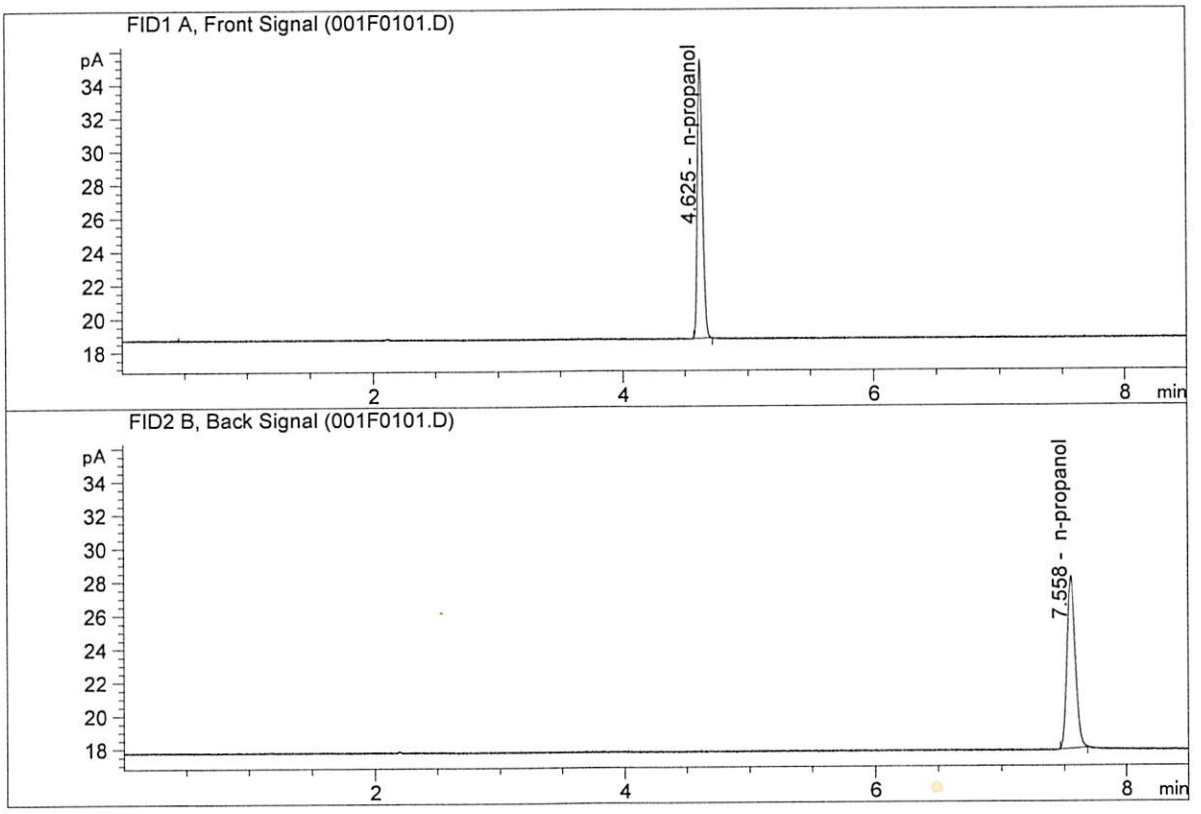
Revision: 2
Issue Date: 12/23/2019
Issuing Authority: Quality Manager

Worklist: 4534

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2020-2452	1	BCK	Alcohol Analysis
P2020-2663	1	BCK	Alcohol Analysis
P2020-2664	1	BCK	Alcohol Analysis
P2020-2667	1	BCK	Alcohol Analysis
P2020-2671	1	BCK	Alcohol Analysis
P2020-2675	1	BCK	Alcohol Analysis
P2020-2688	1	BCK	Alcohol Analysis
P2020-2690	1	BCK	Alcohol Analysis
P2020-2691	1	BCK	Alcohol Analysis
P2020-2704	1	BCK	Alcohol Analysis
P2020-2710	1	BCK	Alcohol Analysis
P2020-2723	1	BCK	Alcohol Analysis
P2020-2724	1	BCK	Alcohol Analysis
P2020-2741	1	BCK	Alcohol Analysis
P2020-2750	1	BCK	Alcohol Analysis
P2020-2752	1	BCK	Alcohol Analysis
P2020-2765	1	BCK	Alcohol Analysis
P2020-2771	1	BCK	Alcohol Analysis
P2020-2772	1	BCK	Alcohol Analysis

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Sep 21, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

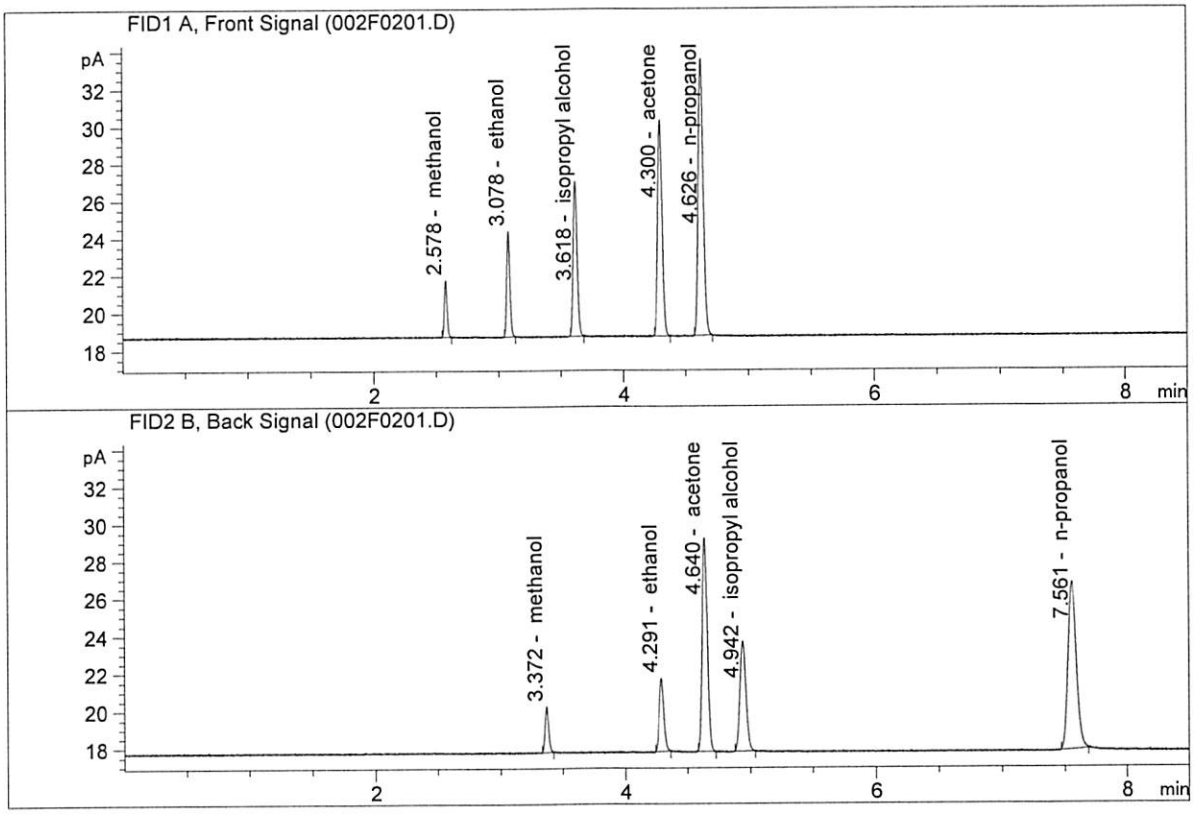


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	47.37412	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.38899	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN07101701
Laboratory : Meridian
Injection Date : Sep 21, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	10.04727	0.1254	g/100cc
2.	Ethanol	Column 2:	10.36969	0.1253	g/100cc
3.	n-Propanol	Column 1:	41.71325	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.92006	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 21 Sep 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0726	0.0732	0.0006	0.0729	0.0001	0.0729
(g/100cc)	0.0725	0.0736	0.0011	0.0730		

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
0.072	0.068	0.076	0.004

Reported Result
0.072

Calibration and control data are stored centrally.

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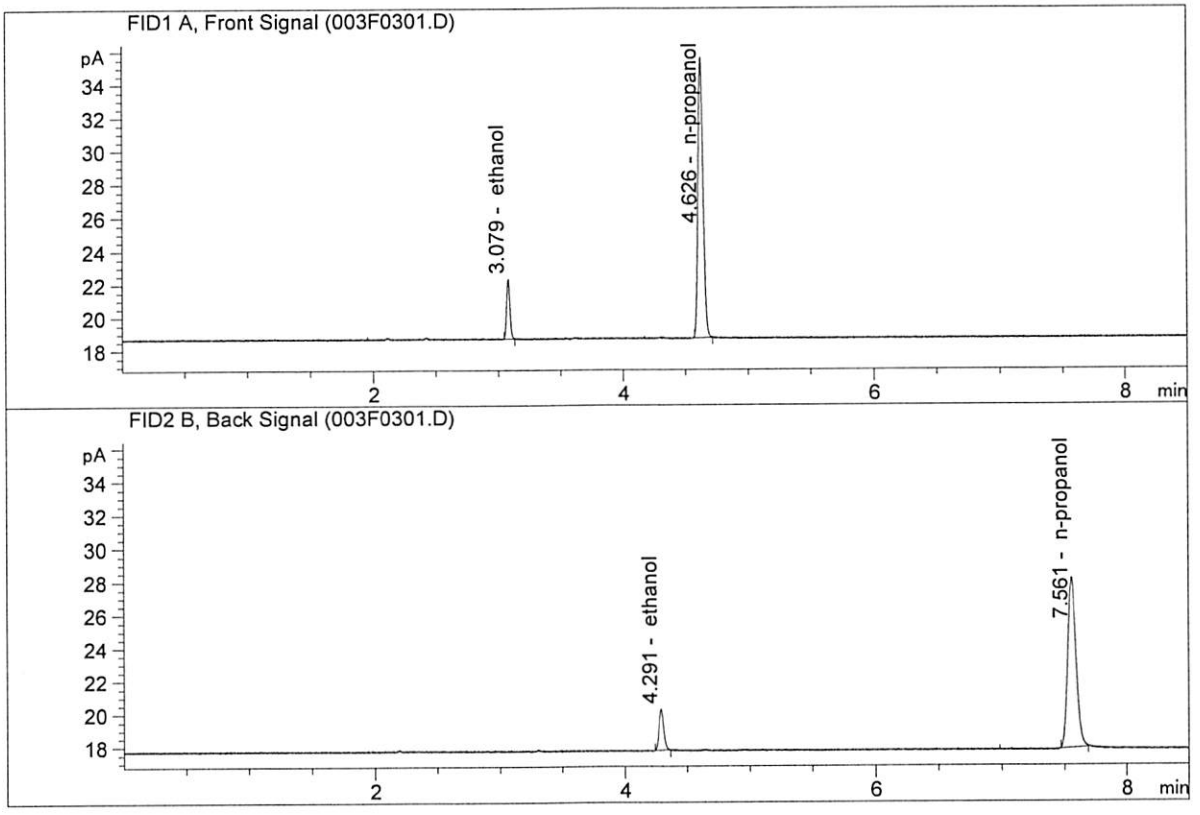
ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Sep 21, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.63205	0.0726	g/100cc
2.	Ethanol	Column 2:	6.76509	0.0732	g/100cc
3.	n-Propanol	Column 1:	47.82951	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.41883	1.0000	g/100cc

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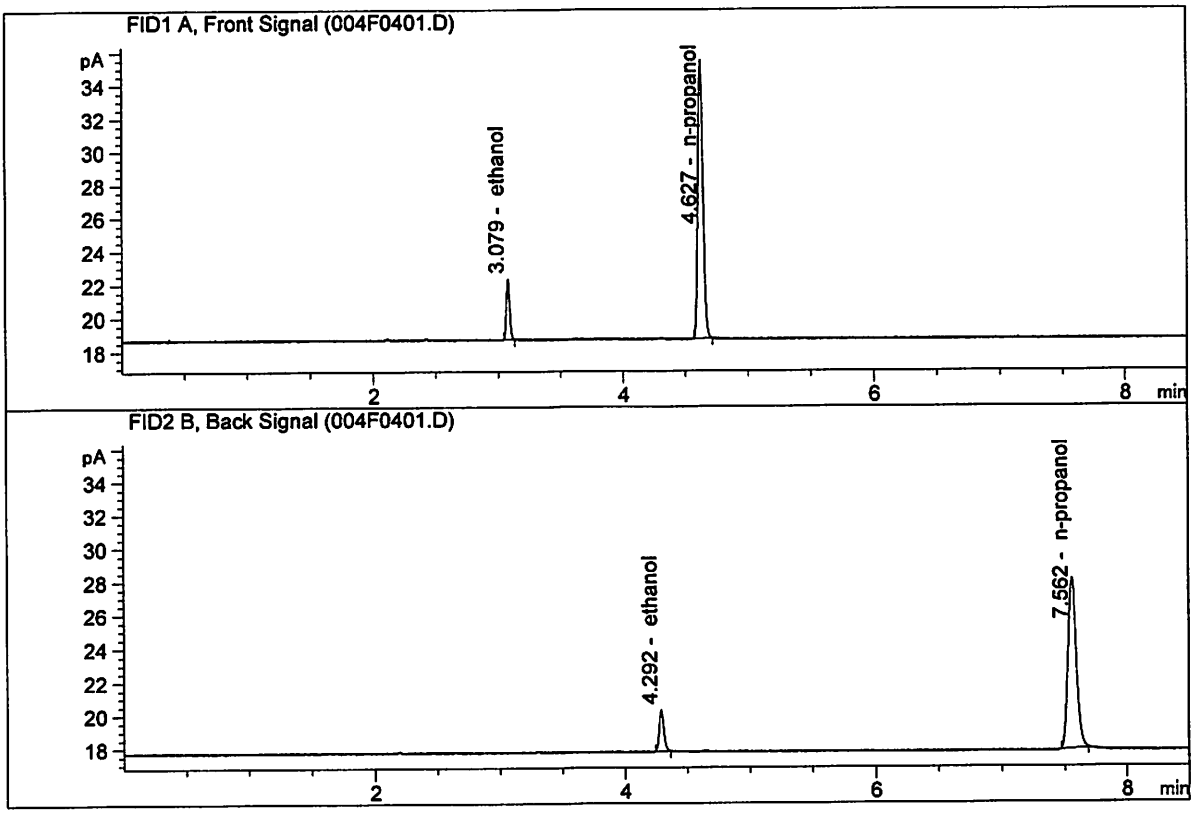
ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Sep 21, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.59566	0.0725	g/100cc
2.	Ethanol	Column 2:	6.75237	0.0736	g/100cc
3.	n-Propanol	Column 1:	47.63958	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.00005	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 21 Sep 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0799	0.0808	0.0009	0.0803	0.0004	0.0805
(g/100cc)	0.0803	0.0812	0.0009	0.0807		

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%**

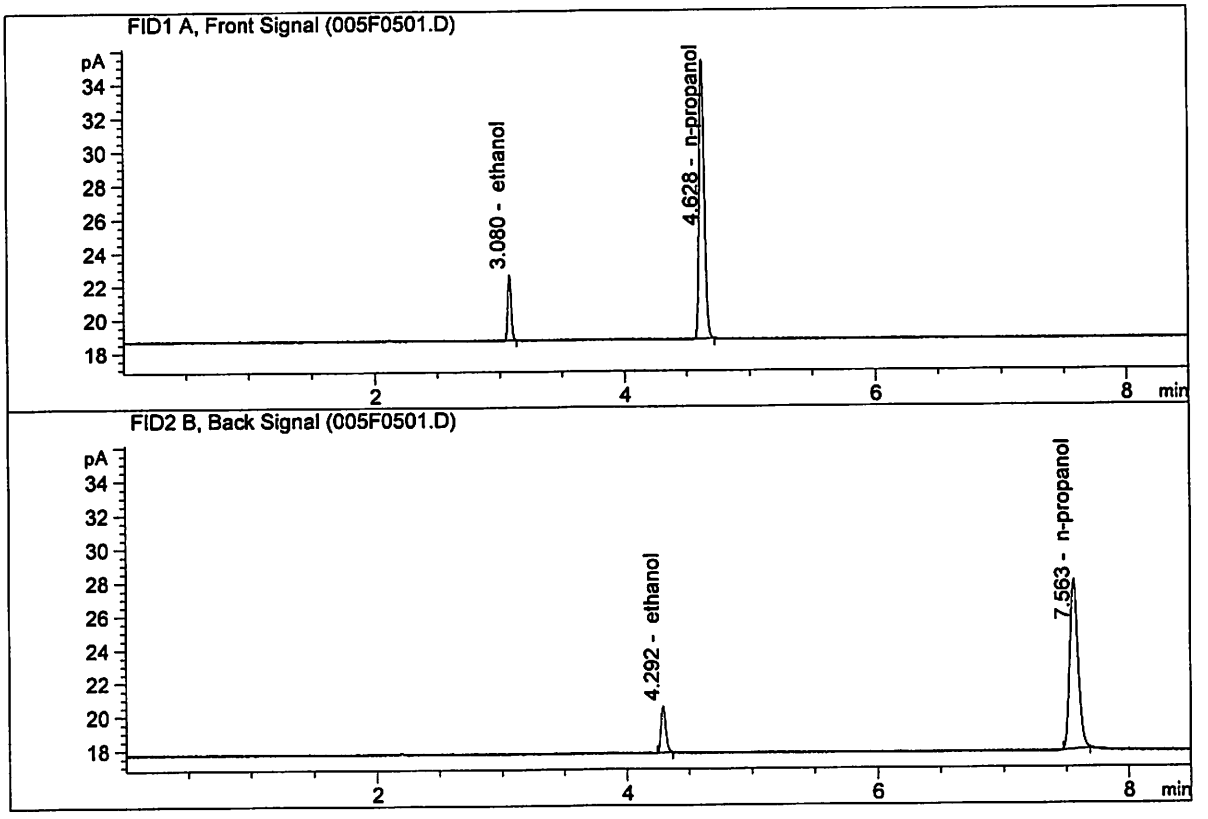
Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	0.076	0.084	0.004

	Reported Result	
	0.080	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Sep 21, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.19727	0.0799	g/100cc
2.	Ethanol	Column 2:	7.36738	0.0808	g/100cc
3.	n-Propanol	Column 1:	47.08936	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.43044	1.0000	g/100cc

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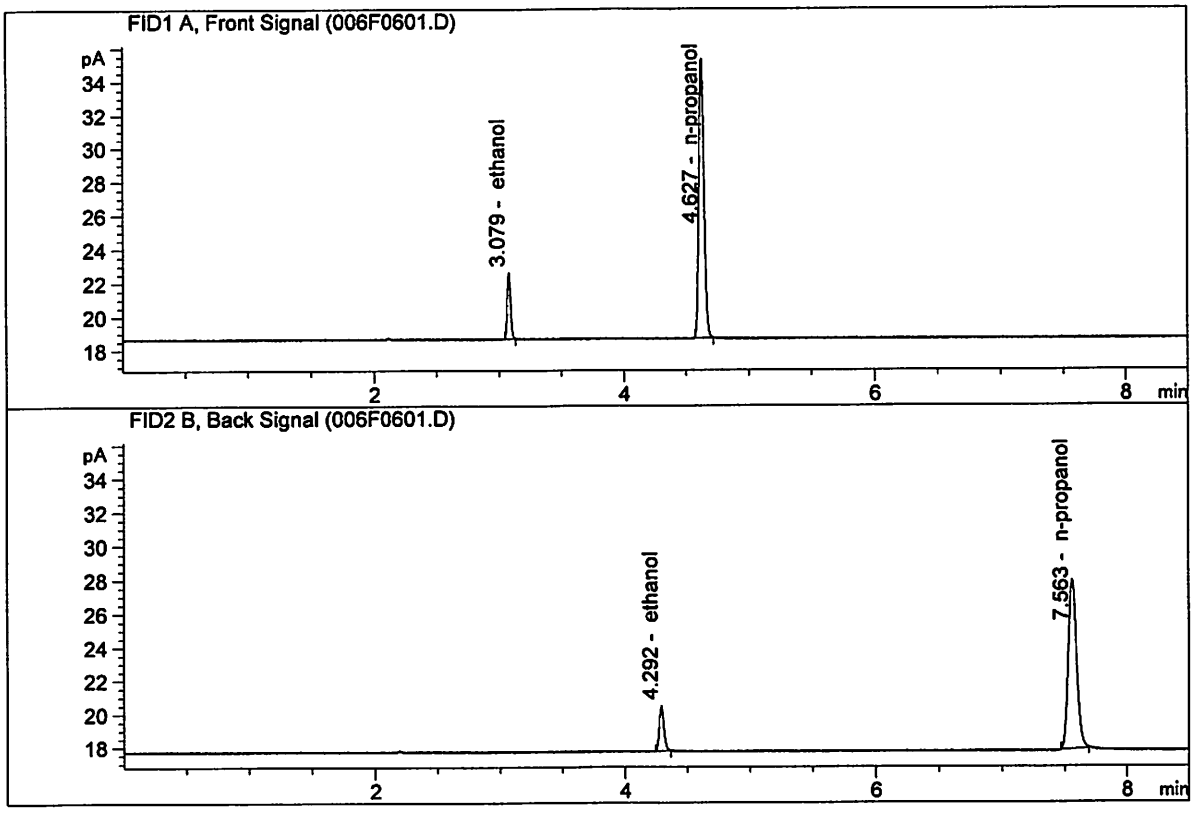
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Sep 21, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.24636	0.0803	g/100cc
2.	Ethanol	Column 2:	7.43133	0.0812	g/100cc
3.	n-Propanol	Column 1:	47.20840	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.55816	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 21 Sep 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1967	0.1961	0.0006	0.1964	0.0010	0.1959
(g/100cc)	0.1956	0.1952	0.0004	0.1954		

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%**

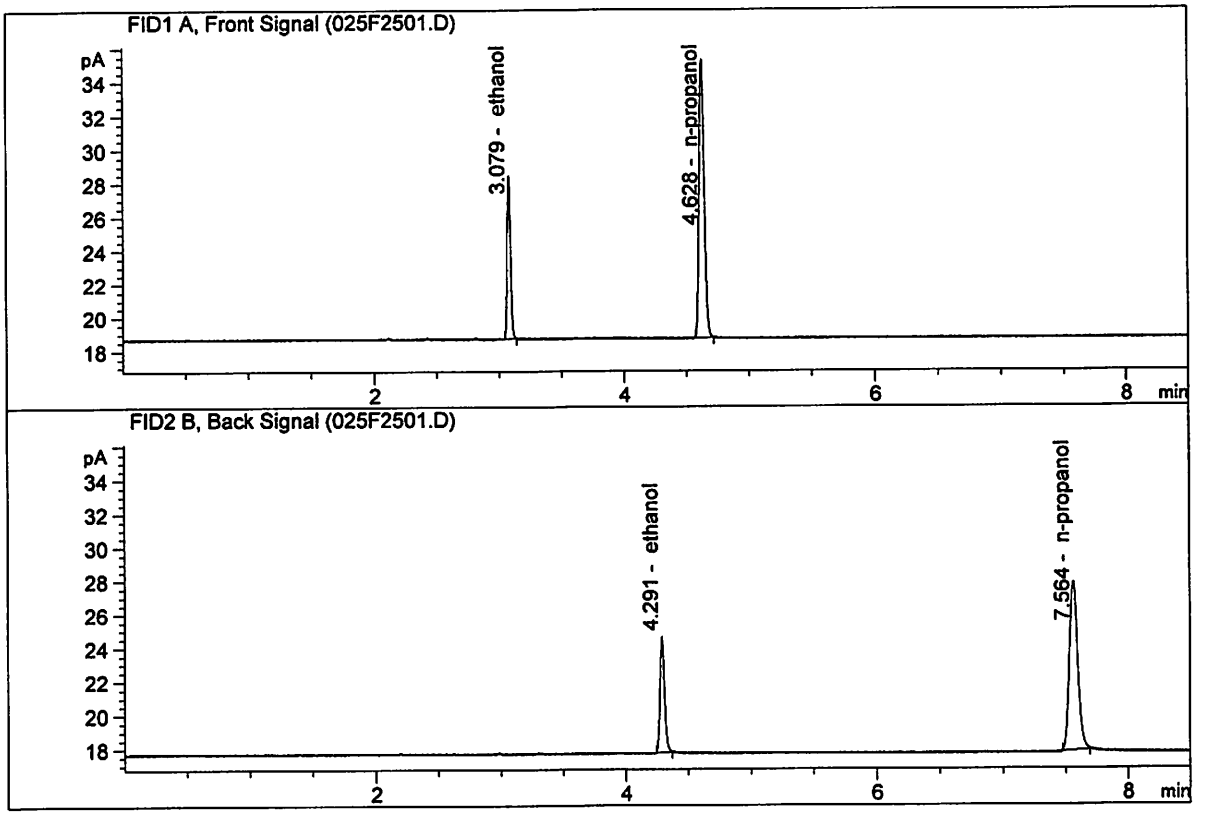
Overall Mean (g/100cc)	Low	High	5% of Mean
0.195	0.185	0.205	0.010

	Reported Result	
	0.195	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Sep 21, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.81172	0.1967	g/100cc
2.	Ethanol	Column 2:	18.43306	0.1961	g/100cc
3.	n-Propanol	Column 1:	47.04515	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.02733	1.0000	g/100cc

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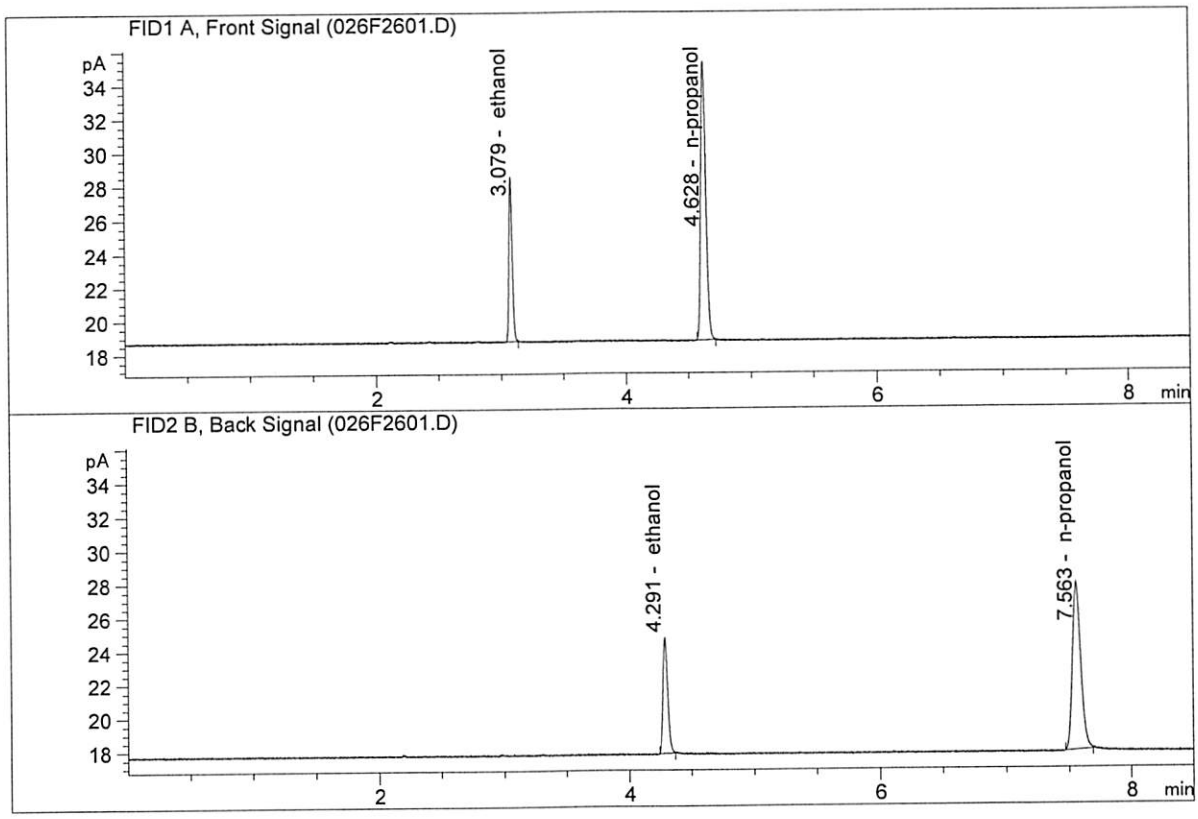
ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Sep 21, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.74619	0.1956	g/100cc
2.	Ethanol	Column 2:	18.37370	0.1952	g/100cc
3.	n-Propanol	Column 1:	47.12132	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.09826	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 21 Sep 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0738	0.0751	0.0013	0.0744	0.0003	0.0745
(g/100cc)	0.0742	0.0752	0.0010	0.0747		

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
0.074	0.070	0.078	0.004

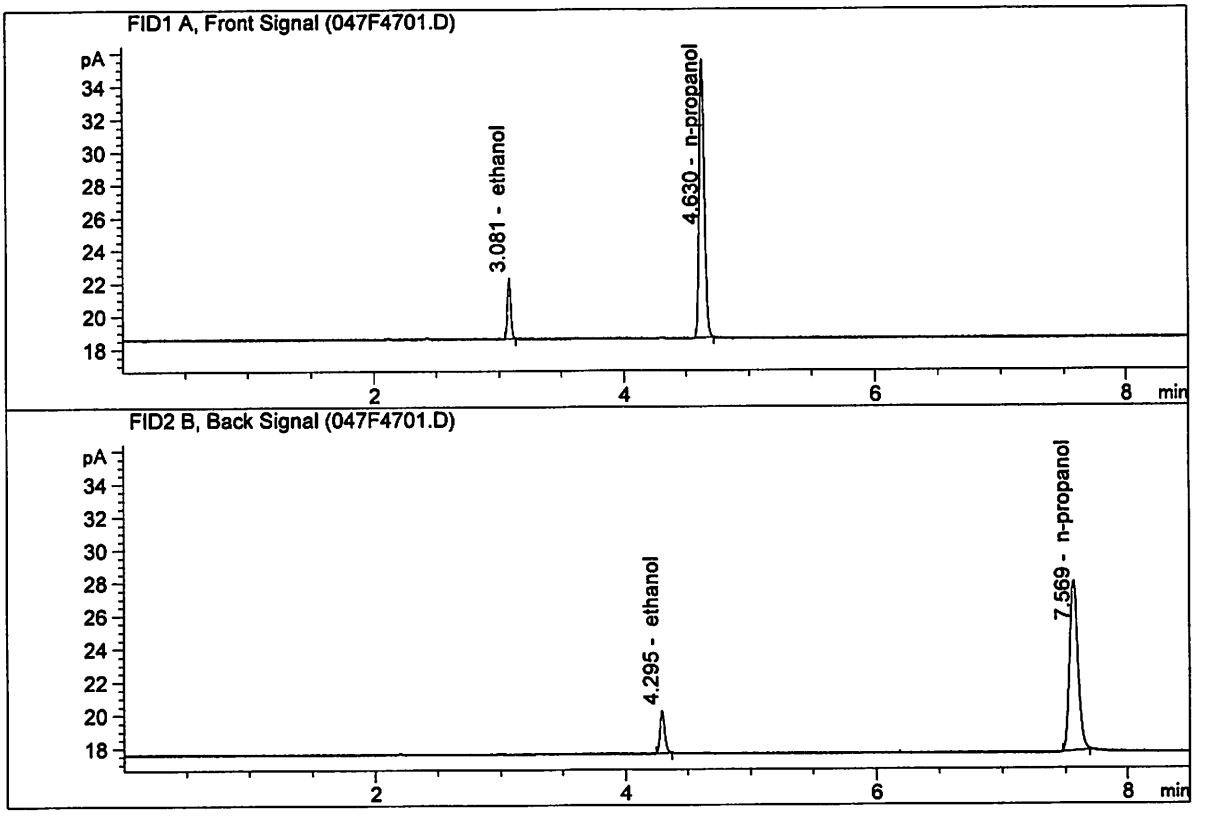
Reported Result

0.074

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Sep 21, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.79236	0.0738	g/100cc
2.	Ethanol	Column 2:	6.95307	0.0751	g/100cc
3.	n-Propanol	Column 1:	48.16103	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.38744	1.0000	g/100cc

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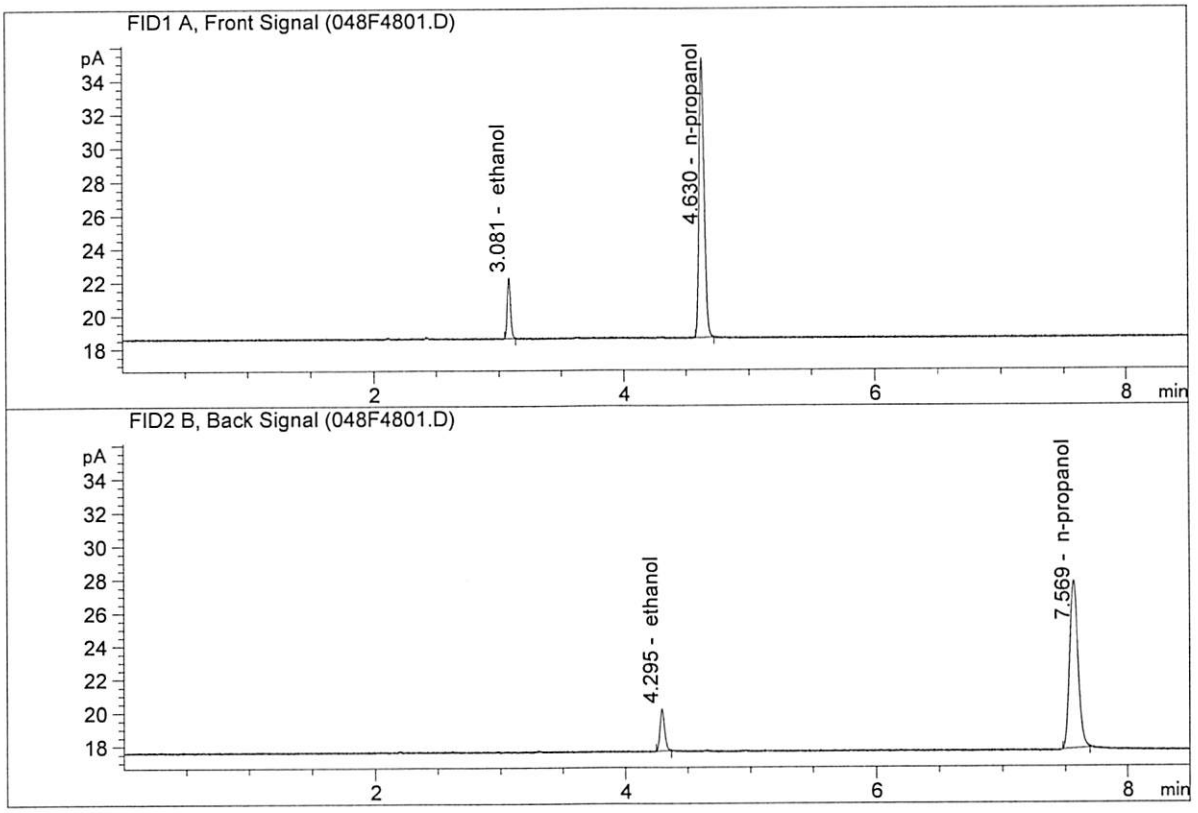
ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Sep 21, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.70773	0.0742	g/100cc
2.	Ethanol	Column 2:	6.82768	0.0752	g/100cc
3.	n-Propanol	Column 1:	47.29695	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.41096	1.0000	g/100cc

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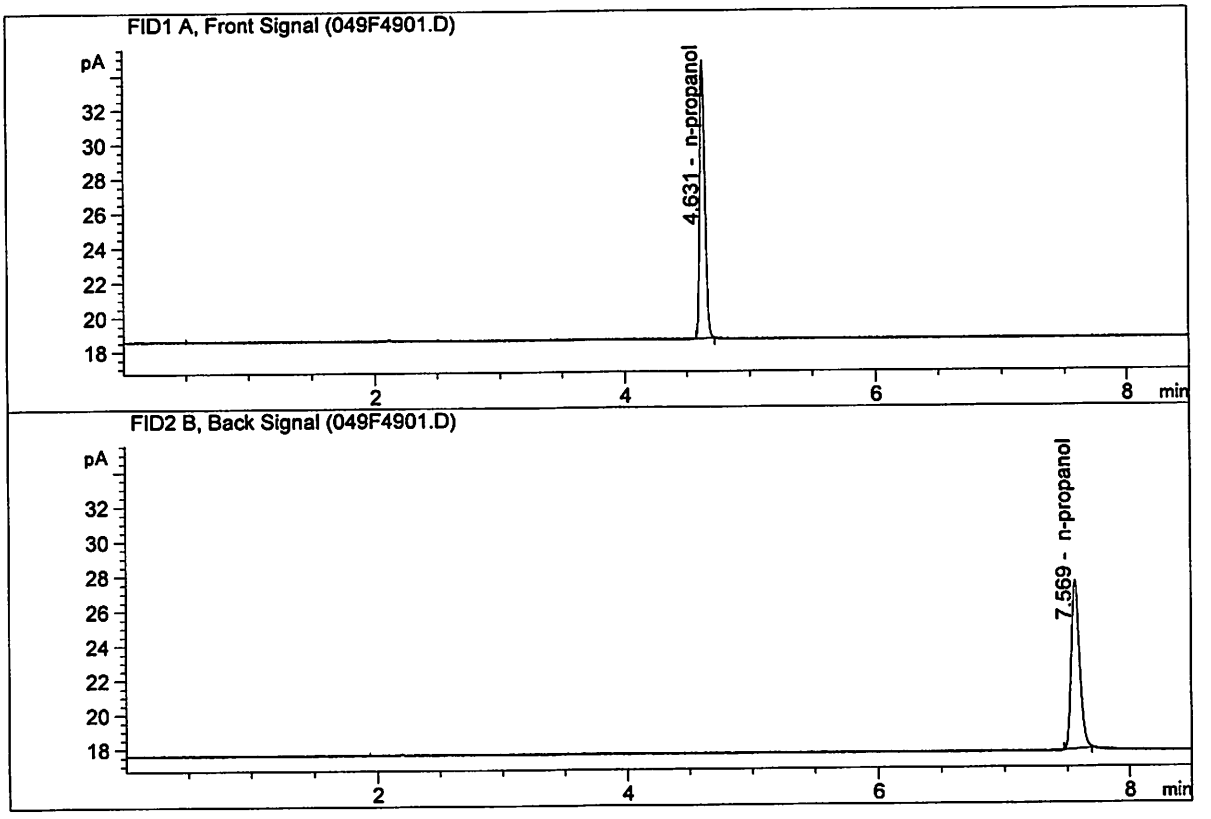
ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Sep 22, 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:	45.91029	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.07605	1.0000	g/100cc

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Sample Summary

Sequence table: C:\Chem32\1\Data\09-21-20_SAMPLES\09-21-20_SAMPLES 2020-09-21 15-27-47\09-21-20_SAMPLES.S
Data directory path: C:\Chem32\1\Data\09-21-20_SAMPLES\09-21-20_SAMPLES 2020-09-21 15-27-47\
Logbook: C:\Chem32\1\Data\09-21-20_SAMPLES\09-21-20_SAMPLES 2020-09-21 15-27-47\09-21-20_SAMPLES.LOG
Sequence start: 9/21/2020 3:42:29 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\09-21-20_SAMPLES\09-21-20_SAMPLES 2020-09-21 15-27-47\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 FN071017	-	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	P2020-2452-1-A	-	1.0000	007F0701.D		4
8	8	1	P2020-2452-1-B	-	1.0000	008F0801.D		4
9	9	1	P2020-2663-1-A	-	1.0000	009F0901.D		4
10	10	1	P2020-2663-1-B	-	1.0000	010F1001.D		4
11	11	1	P2020-2664-1-A	-	1.0000	011F1101.D		2
12	12	1	P2020-2664-1-B	-	1.0000	012F1201.D		2
13	13	1	P2020-2667-1-A	-	1.0000	013F1301.D		4
14	14	1	P2020-2667-1-B	-	1.0000	014F1401.D		4
15	15	1	P2020-2671-1-A	-	1.0000	015F1501.D		4
16	16	1	P2020-2671-1-B	-	1.0000	016F1601.D		4
17	17	1	P2020-2675-1-A	-	1.0000	017F1701.D		4
18	18	1	P2020-2675-1-B	-	1.0000	018F1801.D		4
19	19	1	P2020-2688-1-A	-	1.0000	019F1901.D		4
20	20	1	P2020-2688-1-B	-	1.0000	020F2001.D		4
21	21	1	P2020-2690-1-A	-	1.0000	021F2101.D		4
22	22	1	P2020-2690-1-B	-	1.0000	022F2201.D		4
23	23	1	P2020-2691-1-A	-	1.0000	023F2301.D		2
24	24	1	P2020-2691-1-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	P2020-2704-1-A	-	1.0000	027F2701.D		4
28	28	1	P2020-2704-1-B	-	1.0000	028F2801.D		4
29	29	1	P2020-2710-1-A	-	1.0000	029F2901.D		4
30	30	1	P2020-2710-1-B	-	1.0000	030F3001.D		4
31	31	1	P2020-2723-1-A	-	1.0000	031F3101.D		4
32	32	1	P2020-2723-1-B	-	1.0000	032F3201.D		4
33	33	1	P2020-2724-1-A	-	1.0000	033F3301.D		4
34	34	1	P2020-2724-1-B	-	1.0000	034F3401.D		4
35	35	1	P2020-2741-1-A	-	1.0000	035F3501.D		4
36	36	1	P2020-2741-1-B	-	1.0000	036F3601.D		4
37	37	1	P2020-2750-1-A	-	1.0000	037F3701.D		4
38	38	1	P2020-2750-1-B	-	1.0000	038F3801.D		4
39	39	1	P2020-2752-1-A	-	1.0000	039F3901.D		4
40	40	1	P2020-2752-1-B	-	1.0000	040F4001.D		4
41	41	1	P2020-2765-1-A	-	1.0000	041F4101.D		2
42	42	1	P2020-2765-1-B	-	1.0000	042F4201.D		2
43	43	1	P2020-2771-1-A	-	1.0000	043F4301.D		4

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Sequence File C:\Chem32\...0_SAMPLES\09-21-20_SAMPLES 2020-09-21 15-27-47\09-21-20_SAMPLES.S

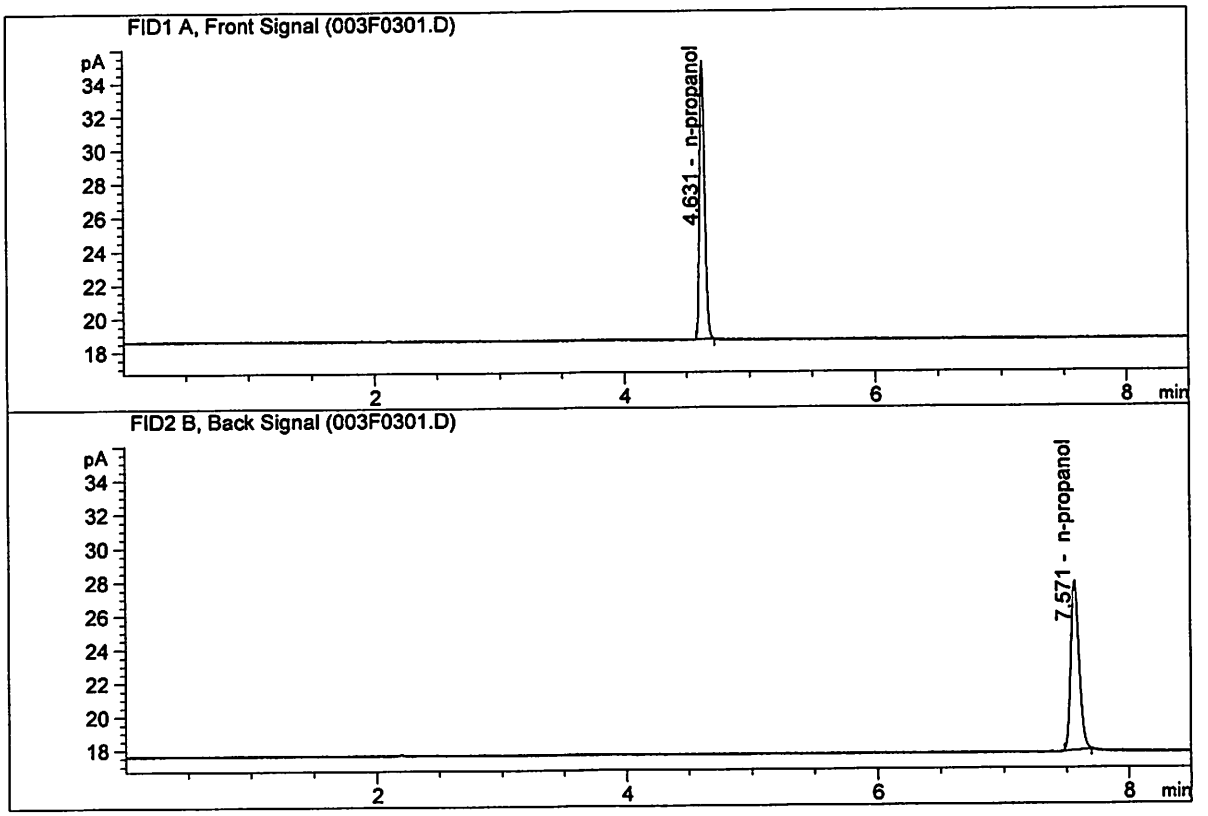
Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	P2020-2771-1-B	-	1.0000	044F4401.D	4
45	45	1	P2020-2772-1-A	-	1.0000	045F4501.D	4
46	46	1	P2020-2772-1-B	-	1.0000	046F4601.D	4
47	47	1	QC1-2-A	-	1.0000	047F4701.D	4
48	48	1	QC1-2-B	-	1.0000	048F4801.D	4
49	49	1	INTERNAL STD BLK	-	1.0000	049F4901.D	2

Method file name: C:\Chem32\1\Data\09-21-20_SAMPLES\09-21-20_SAMPLES 2020-09-21 15-27-47 \SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
50	50	1	EMPTY	-	1.0000	050F5001.D	0

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Sep 22, 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:	47.09085	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.52481	1.0000	g/100cc

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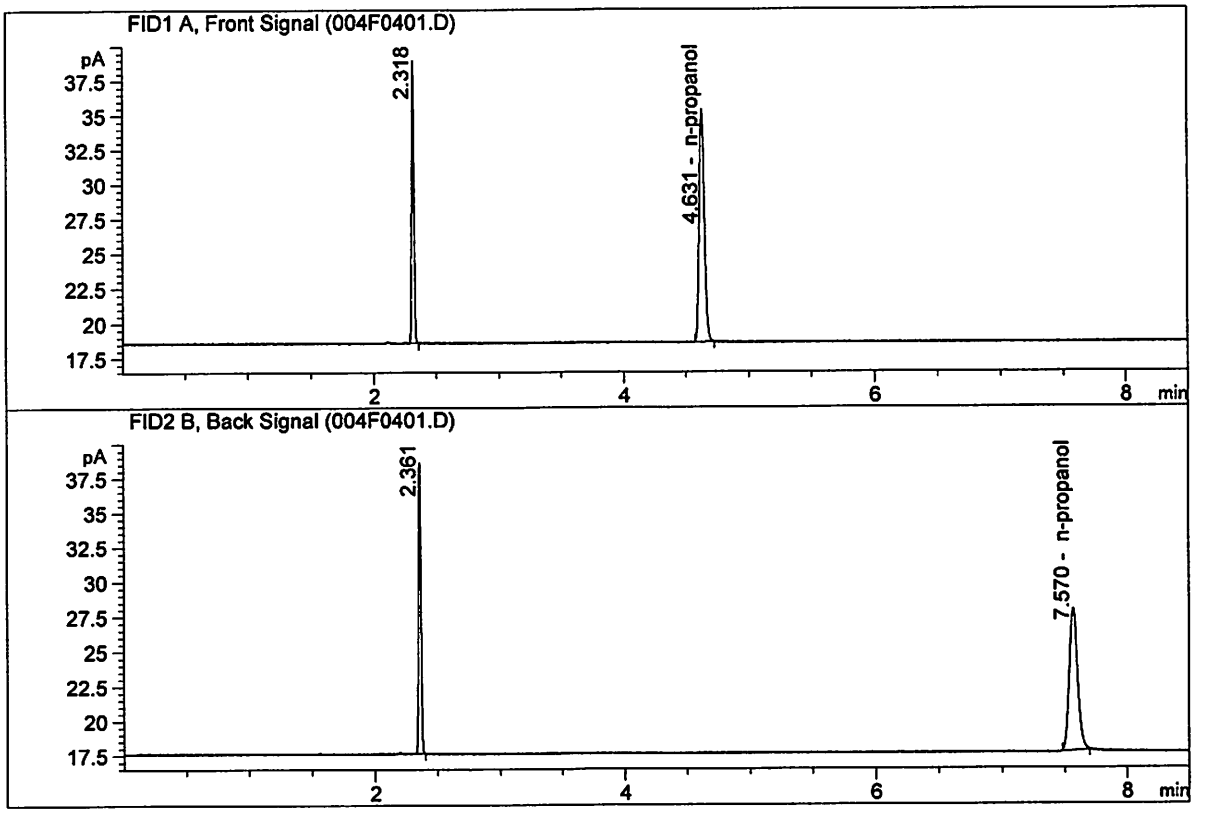
ISP Forensic Services Blood Alcohol Report

Sample Name : DFE 111914OM
Laboratory : Meridian
Injection Date : Sep 22, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

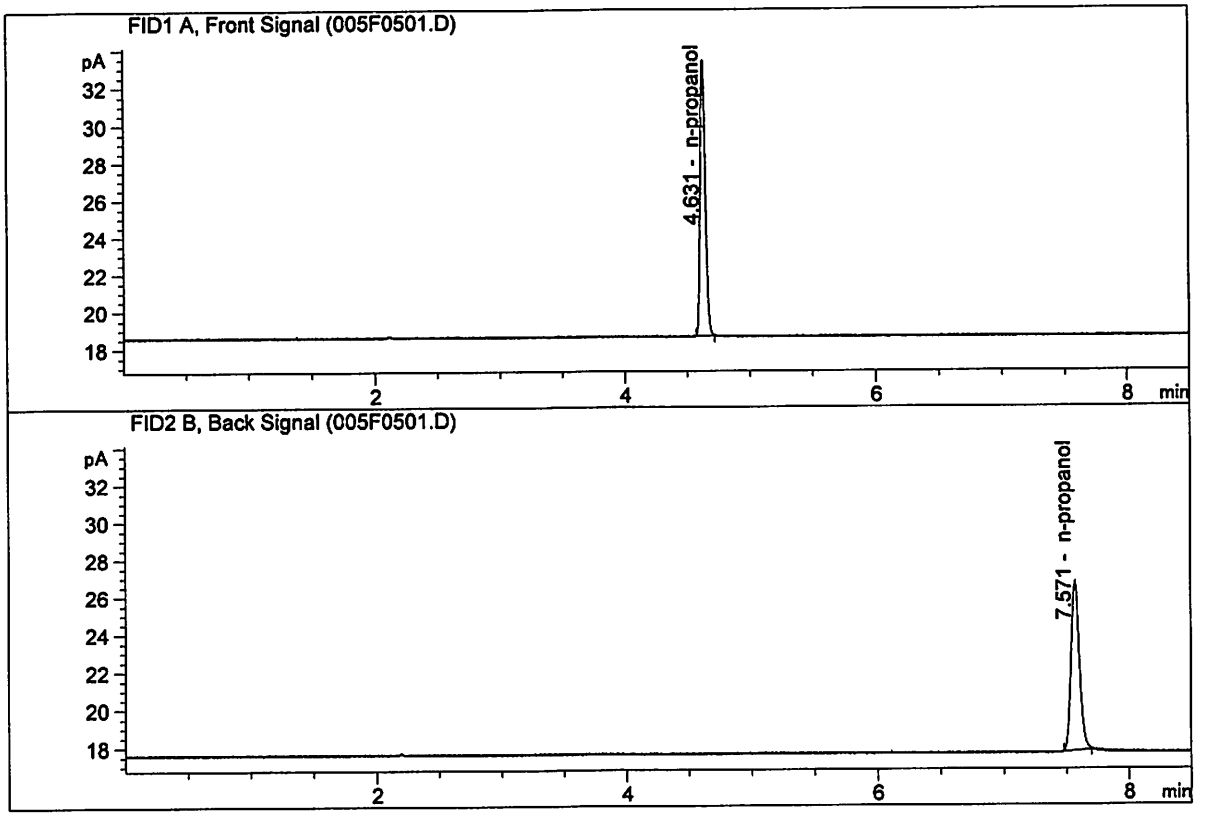


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	47.79454	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.14894	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Sep 22, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

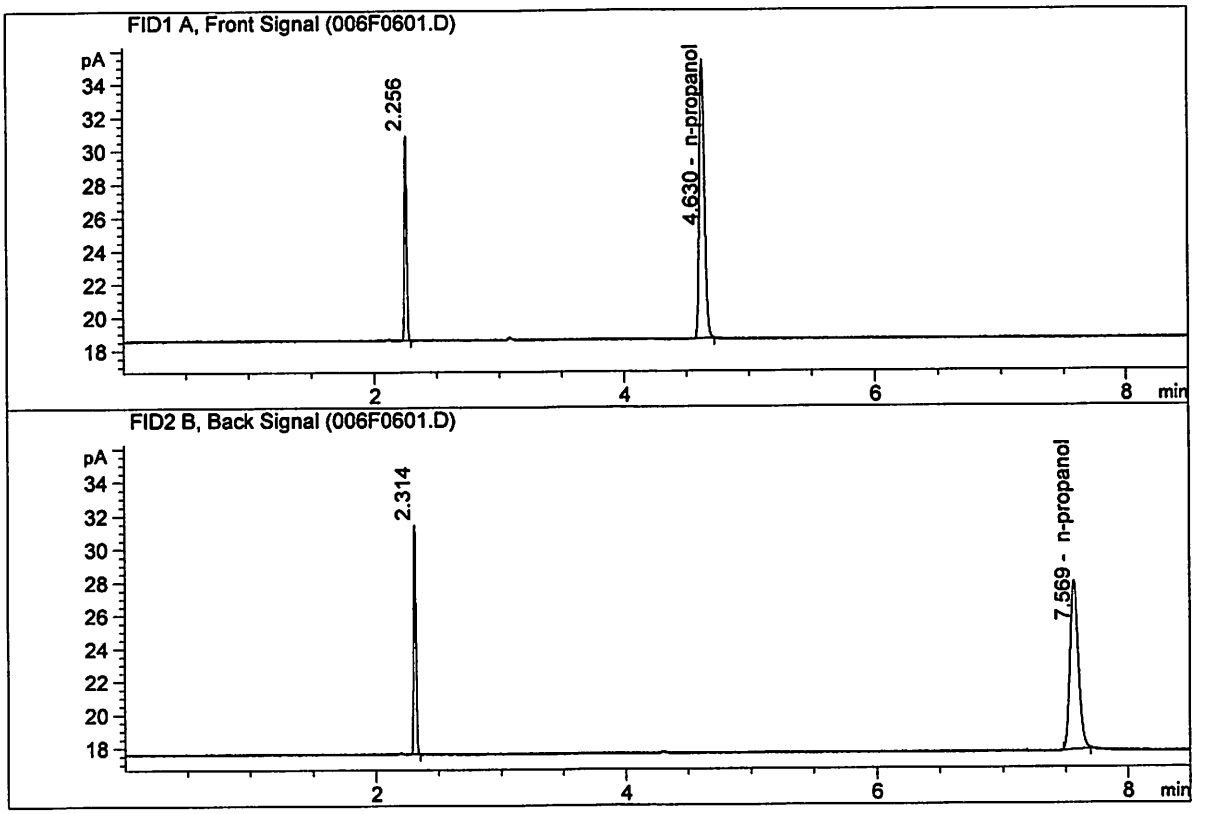


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.99150	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.08413	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : TFE 111914
Laboratory : Meridian
Injection Date : Sep 22, 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:	47.61640	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.95879	1.0000	g/100cc

Sequence File C:\Chem32\1\Data\09-22-20_INH\09-22-20_INH 2020-09-22 08-37-50\09-22-20_INH.S

Sample Summary

Sequence table: C:\Chem32\1\Data\09-22-20_INH\09-22-20_INH 2020-09-22 08-37-50\09-22-20_INH.S
Data directory path: C:\Chem32\1\Data\09-22-20_INH\09-22-20_INH 2020-09-22 08-37-50\
Logbook: C:\Chem32\1\Data\09-22-20_INH\09-22-20_INH 2020-09-22 08-37-50\09-22-20_INH.LOG
Sequence start: 9/22/2020 8:52:28 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\09-22-20_INH\09-22-20_INH 2020-09-22 08-37-50\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
1	1	1	P2020-2452-1-A	-	1.0000	001F0101.D	6
2	2	1	P2020-2452-1-B	-	1.0000	002F0201.D	6
3	3	1	INTERNAL STD BLK	-	1.0000	003F0301.D	2
4	4	1	DFE 111914OM	-	1.0000	004F0401.D	2
5	5	1	INTERNAL STD BLK	-	1.0000	005F0501.D	2
6	6	1	TFE 111914	-	1.0000	006F0601.D	2

Method file name: C:\Chem32\1\Data\09-22-20_INH\09-22-20_INH 2020-09-22 08-37-50\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
7	7	1	EMPTY	-	1.0000	007F0701.D	0

JG

Calibration Table

General Calibration Setting

Calib. Data Modified : Friday, September 18, 2020 3:23:20 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

JC

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	4.59217	1.08881e-2	No	No	1	ethanol
		2	1.00000e-1	9.00449	1.11056e-2				
		3	2.00000e-1	18.11074	1.10432e-2				
		4	3.00000e-1	27.45135	1.09284e-2				
		5	5.00000e-1	45.73181	1.09333e-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	4.68252	1.06780e-2	No	No	2	ethanol
		2	1.00000e-1	9.24722	1.08141e-2				
		3	2.00000e-1	18.83116	1.06207e-2				
		4	3.00000e-1	28.72548	1.04437e-2				
		5	5.00000e-1	48.32216	1.03472e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	47.73816	2.09476e-2	No	Yes	1	n-propanol
		2	1.00000	46.90596	2.13193e-2				
		3	1.00000	47.03720	2.12598e-2				
		4	1.00000	47.72957	2.09514e-2				
		5	1.00000	47.28825	2.11469e-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	49.51909	2.01942e-2	No	Yes	2	n-propanol
		2	1.00000	48.45788	2.06365e-2				
		3	1.00000	48.32198	2.06945e-2				
		4	1.00000	49.01604	2.04015e-2				
		5	1.00000	48.37467	2.06720e-2				

Peak Sum Table

No Entries in table

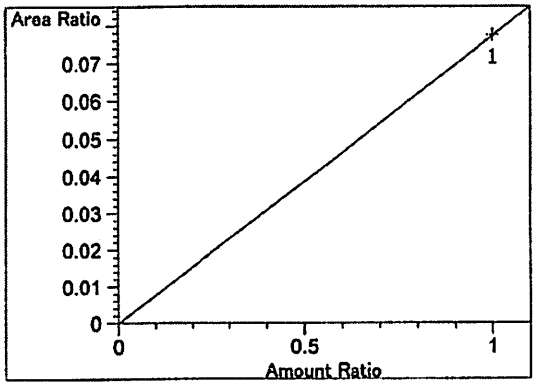
---

41 Warnings or Errors (10 first messages follow) :

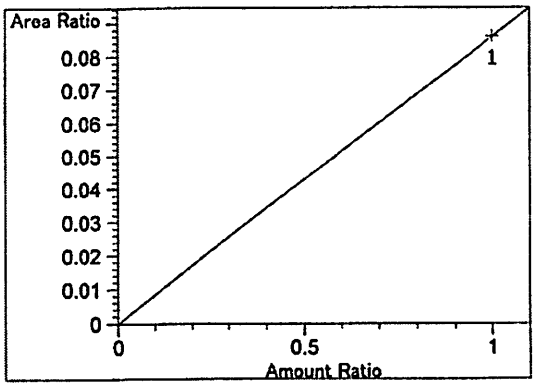
Warning : Curve requires more calibration points., (methanol)
Warning : Curve requires more calibration points. at 2.586 min, signal 1
Warning : Curve requires more calibration points. at 2.809 min, signal 1
Warning : Curve requires more calibration points. at 2.977 min, signal 2
Warning : Curve requires more calibration points. at 3.388 min, signal 2
Warning : Curve requires more calibration points. at 3.628 min, signal 1
Warning : Curve requires more calibration points. at 4.308 min, signal 1
Warning : Curve requires more calibration points. at 4.62 min, signal 1
Warning : Curve requires more calibration points. at 4.661 min, signal 2
Warning : Curve requires more calibration points. at 4.969 min, signal 2

JC

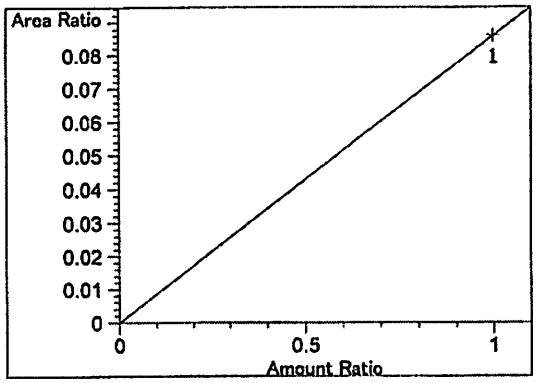
Calibration Curves



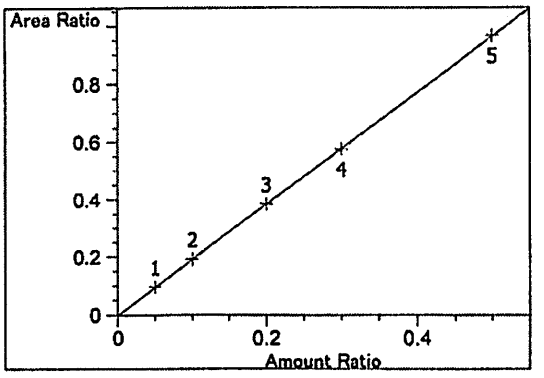
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 7.74369e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.60476e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

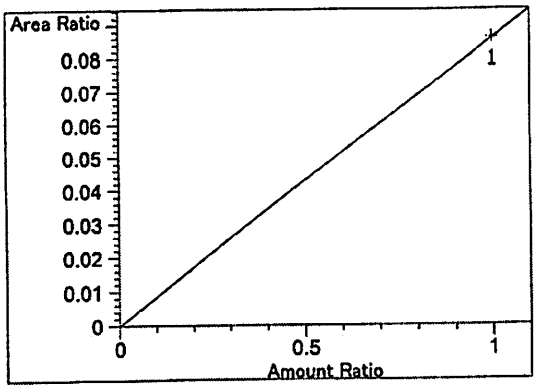


Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.60476e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

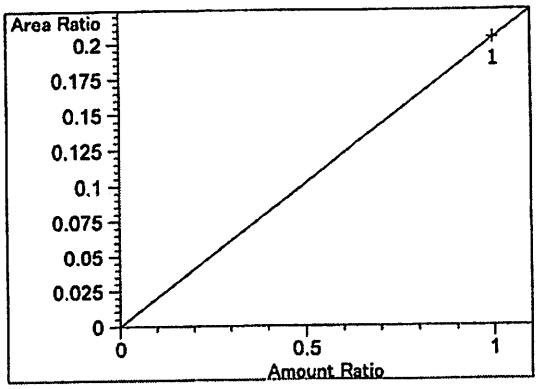


ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00231
Formula: y = mx + b
m: 1.93399
b: -1.73403e-3
x: Amount Ratio
y: Area Ratio

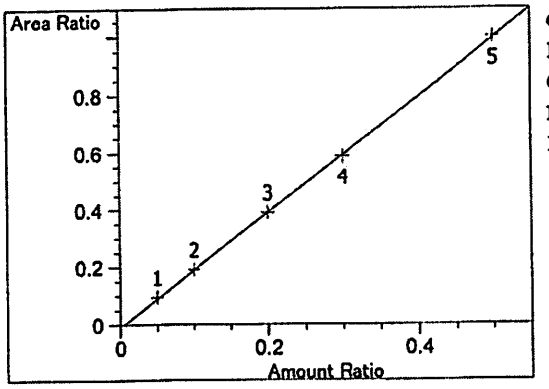
JG



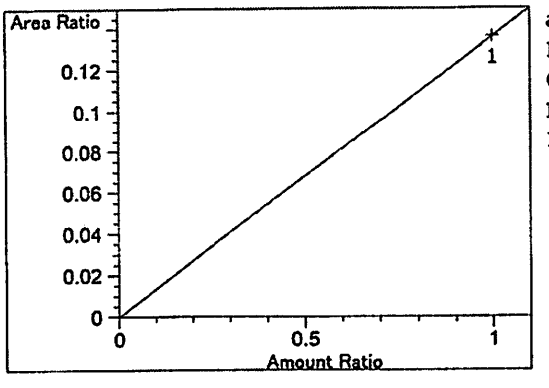
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.60401e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.03832e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

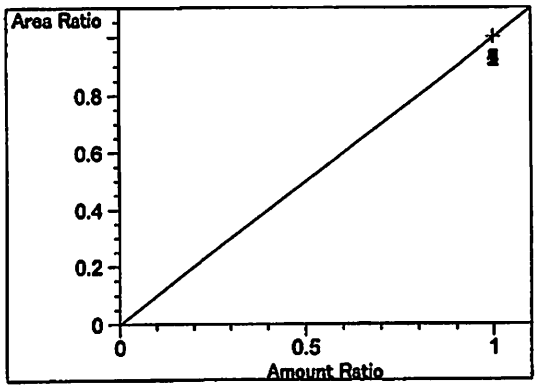


ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99992
Residual Std. Dev.: 0.00532
Formula: y = mx + b
m: 2.00945
b: -1.01647e-2
x: Amount Ratio
y: Area Ratio

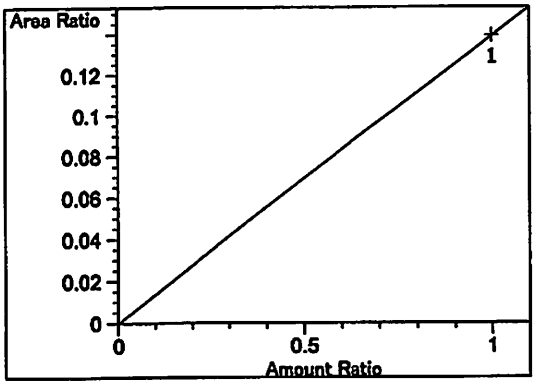


acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.36147e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

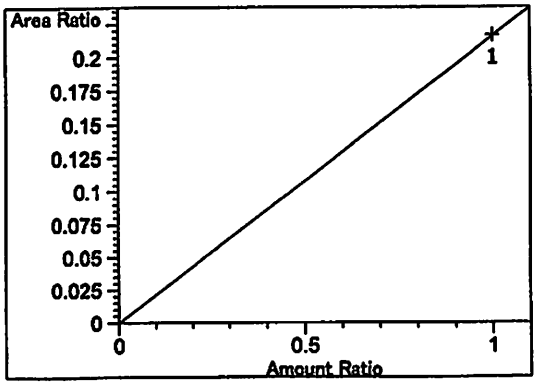
JC



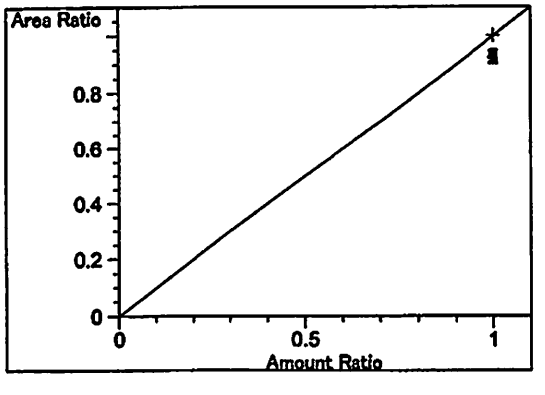
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.39199e-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: 2.16208e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

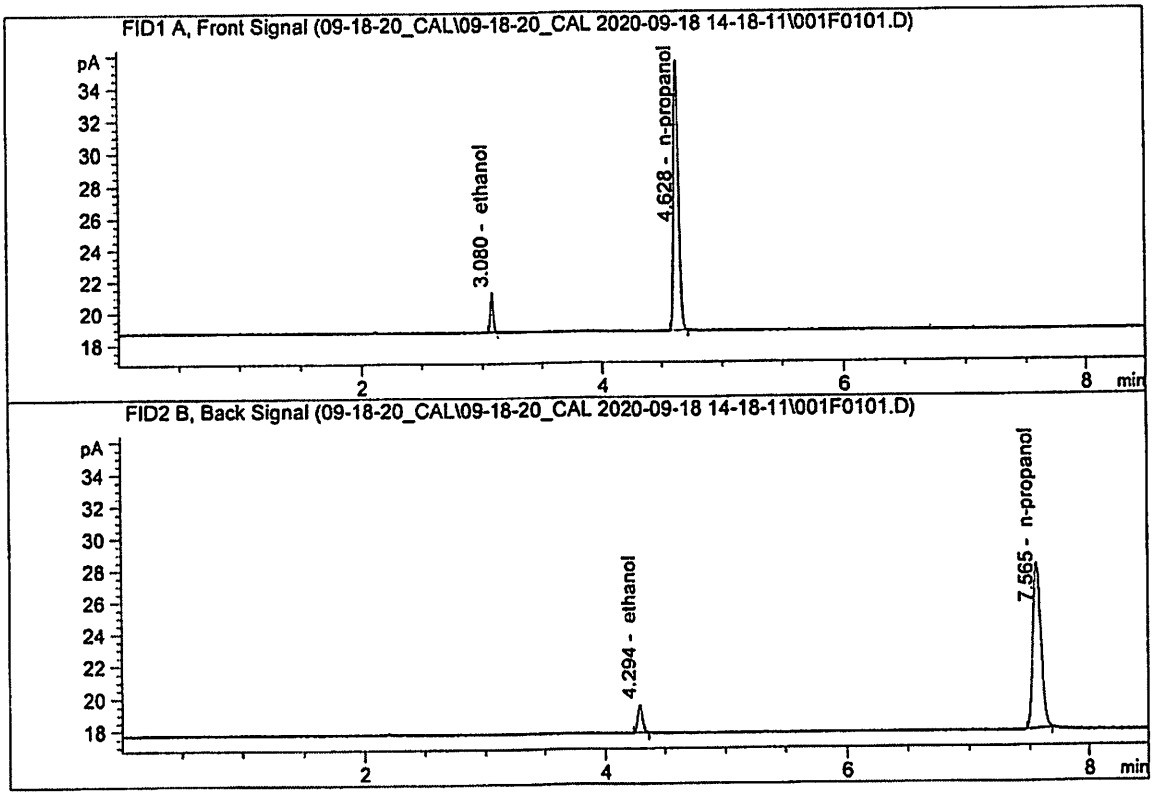


n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN05211804
Laboratory : Meridian
Injection Date : Sep 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

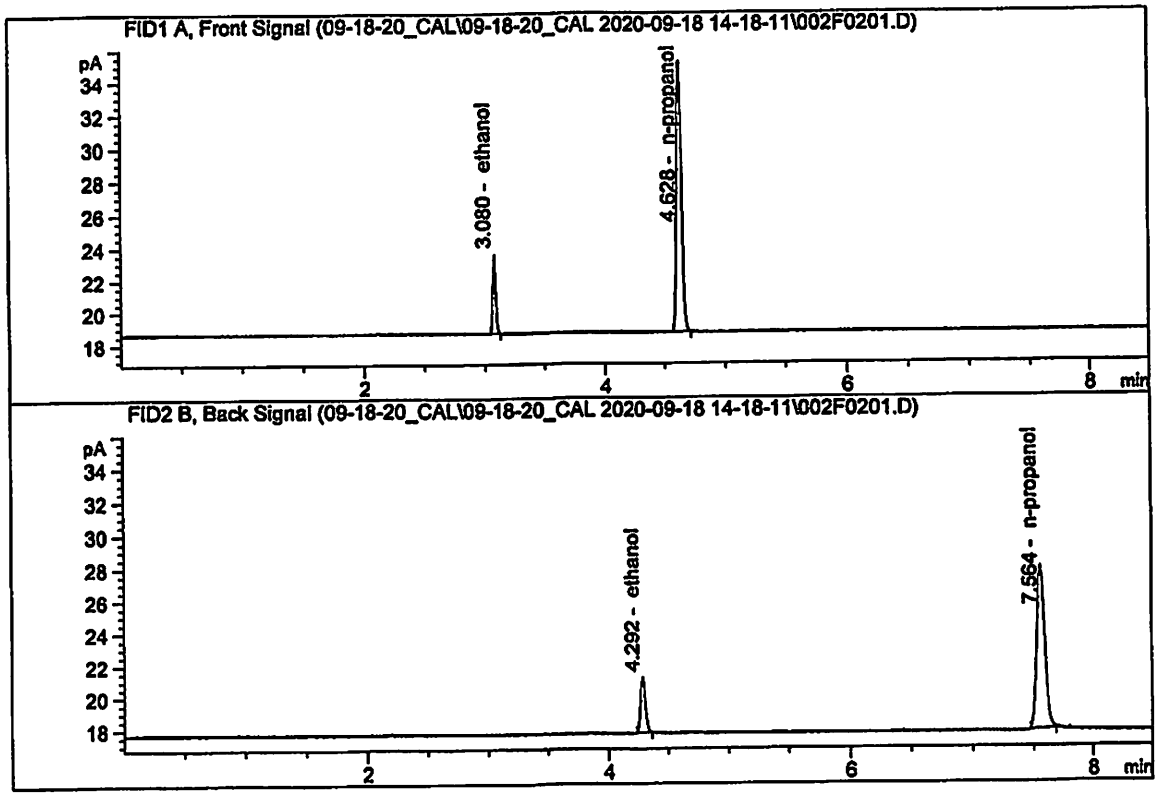


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.59217	0.0506	g/100cc
2.	Ethanol	Column 2:	4.68252	0.0521	g/100cc
3.	n-Propanol	Column 1:	47.73816	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.51909	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN02271802
Laboratory : Meridian
Injection Date : Sep 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

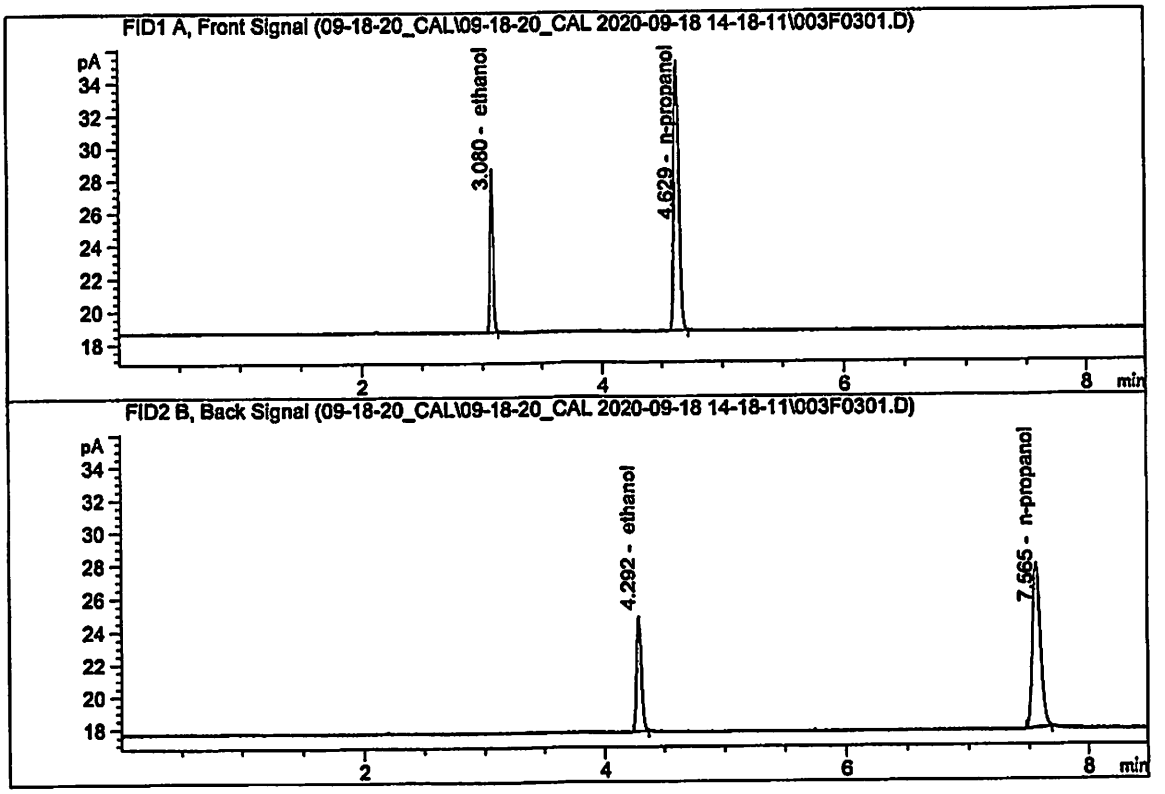


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.00449	0.1002	g/100cc
2.	Ethanol	Column 2:	9.24722	0.1000	g/100cc
3.	n-Propanol	Column 1:	46.90596	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.45788	1.0000	g/100cc

JU

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN06231704
Laboratory : Meridian
Injection Date : Sep 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

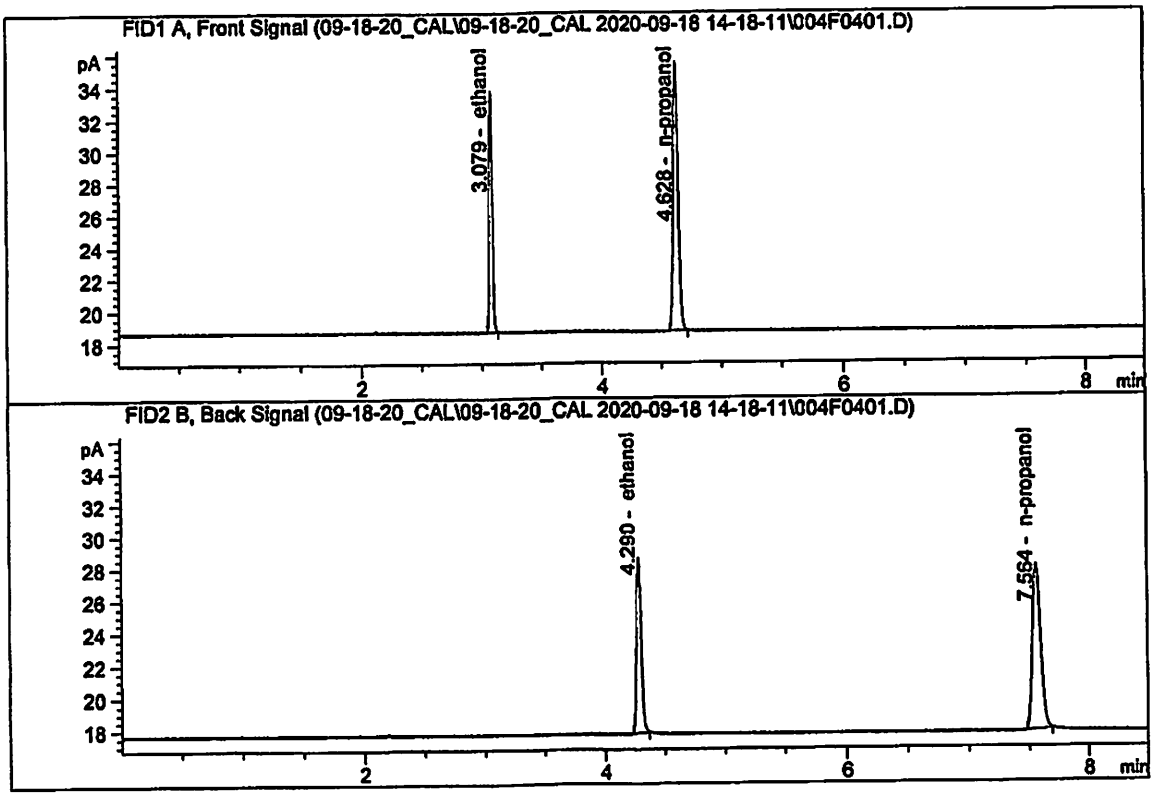


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.11074	0.2000	g/100cc
2.	Ethanol	Column 2:	18.83116	0.1990	g/100cc
3.	n-Propanol	Column 1:	47.03720	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.32198	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

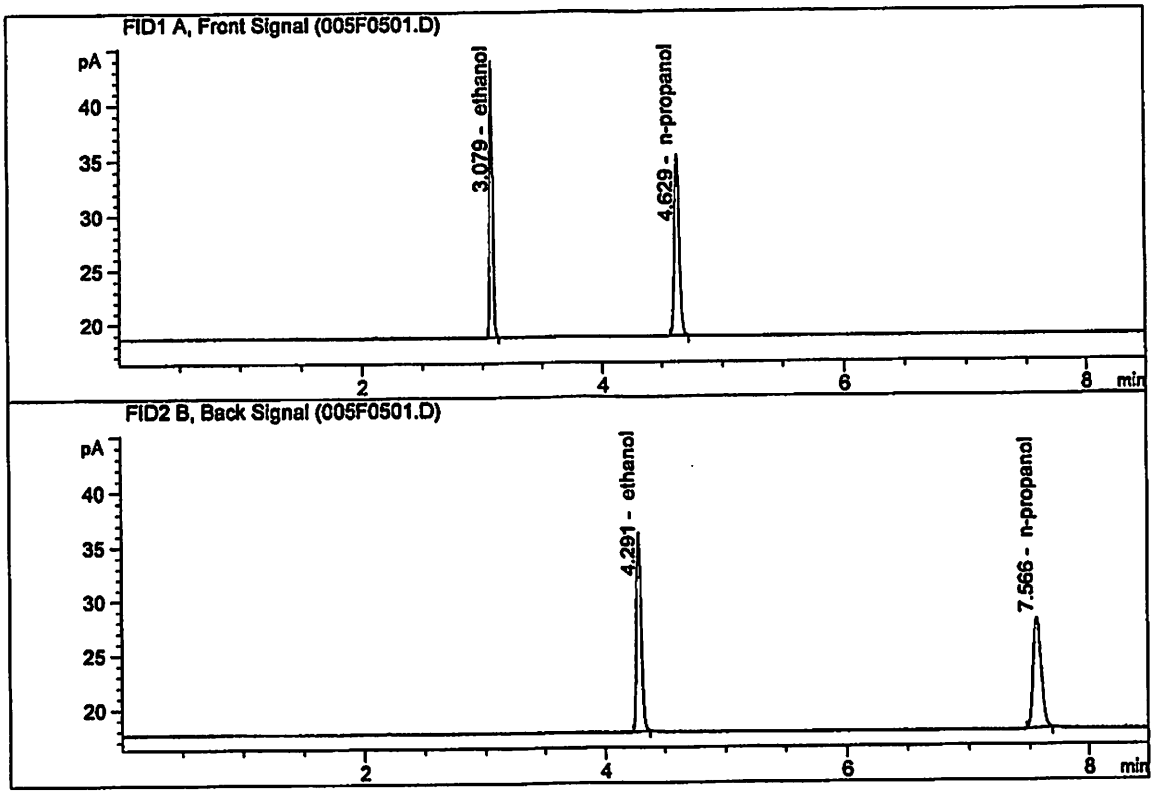
Sample Name : 0.300 FN07311804
Laboratory : Meridian
Injection Date : Sep 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.45135	0.2983	g/100cc
2.	Ethanol	Column 2:	28.72548	0.2967	g/100cc
3.	n-Propanol	Column 1:	47.72957	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.01604	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08241801
Laboratory : Meridian
Injection Date : Sep 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

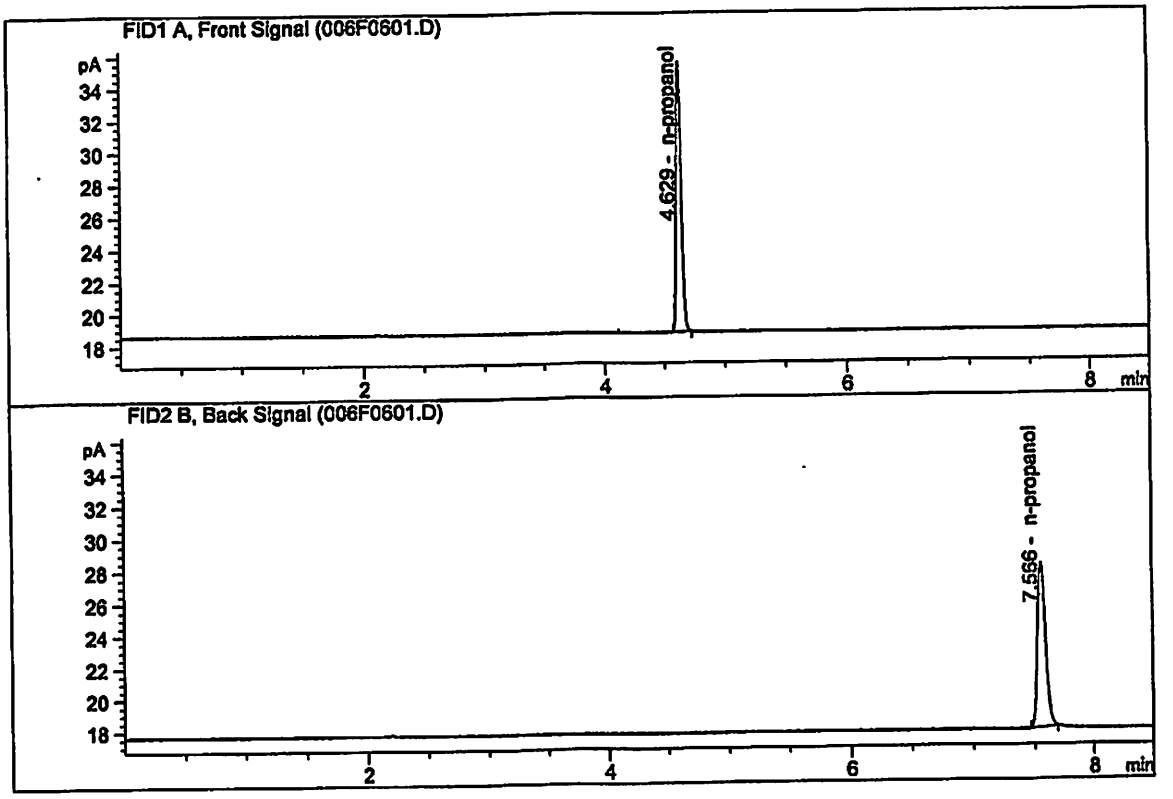


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.73181	0.5009	g/100cc
2.	Ethanol	Column 2:	48.32216	0.5022	g/100cc
3.	n-Propanol	Column 1:	47.28825	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.37467	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Sep 18, 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:	47.83927	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.12637	1.0000	g/100cc

Sequence File C:\Chem32\1\Data\09-18-20_CAL\09-18-20_CAL 2020-09-18 14-18-11\09-18-20_CAL.S

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

Sequence table: C:\Chem32\1\Data\09-18-20_CAL\09-18-20_CAL 2020-09-18 14-18-11\09-18-20_CAL.S
Data directory path: C:\Chem32\1\Data\09-18-20_CAL\09-18-20_CAL 2020-09-18 14-18-11\
Logbook: C:\Chem32\1\Data\09-18-20_CAL\09-18-20_CAL 2020-09-18 14-18-11\09-18-20_CAL.LOG
Sequence start: 9/18/2020 2:32:48 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\09-18-20_CAL\09-18-20_CAL 2020-09-18 14-18-11\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 FN08241801	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2