

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): 9/9/20 - 9/10/20; calibration 9/3/20

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0744 g/100cc
					0.0767 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2010 g/100cc
					0.2019 g/100cc
Multi-Component mixture:					
Curve Fit:		Column 1	Lot #	Column 2	
		0.99998	FN07101701	0.99989	acceptable

Ethanol Calibration Reference Material						
Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0509	0.0529	0.002	0.0519
100	0.100	0.090 - 0.110	0.0998	0.0997	0.0001	0.0997
200	0.200	0.180 - 0.220	0.1999	0.1982	0.0017	0.199
300	0.300	0.270 - 0.330	0.2984	0.2967	0.0017	0.2975
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5009	0.5025	0.0016	0.5017

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

Worklist: 4502

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2020-3076	3	BCK	Alcohol Analysis	
M2020-3401	1	BCK	Alcohol Analysis	
M2020-3422	1	BCK	Alcohol Analysis	
M2020-3423	1	BCK	Alcohol Analysis	
M2020-3434	1	BCK	Alcohol Analysis	
M2020-3435	1	BCK	Alcohol Analysis	
M2020-3450	1	BCK	Alcohol Analysis	
M2020-3482	1	BCK	Alcohol Analysis	
M2020-3491	1	BCK	Alcohol Analysis	
M2020-3491	3	BCK	Alcohol Analysis	
M2020-3491	5	BCK	Alcohol Analysis	
M2020-3495	1	BCK	Alcohol Analysis	
M2020-3496	1	BCK	Alcohol Analysis	
M2020-3498	1	BCK	Alcohol Analysis	
M2020-3514	1	BCK	Alcohol Analysis	
M2020-3515	1	BCK	Alcohol Analysis	
M2020-3518	1	BCK	Alcohol Analysis	
P2020-2620	2	BCK	Alcohol Analysis	
P2020-2628	1	BCK	Alcohol Analysis	
P2020-2634	1	BCK	Alcohol Analysis	
P2020-2642	1	BCK	Alcohol Analysis	



Worklist: 4502

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>
P2020-2657	1	BCK	Alcohol Analysis
P2020-2660	1	BCK	Alcohol Analysis



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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 09 Sep 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0740	0.0745	0.0005	0.0742	0.0004	0.0744
(g/100cc)	0.0743	0.0749	0.0006	0.0746		

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%

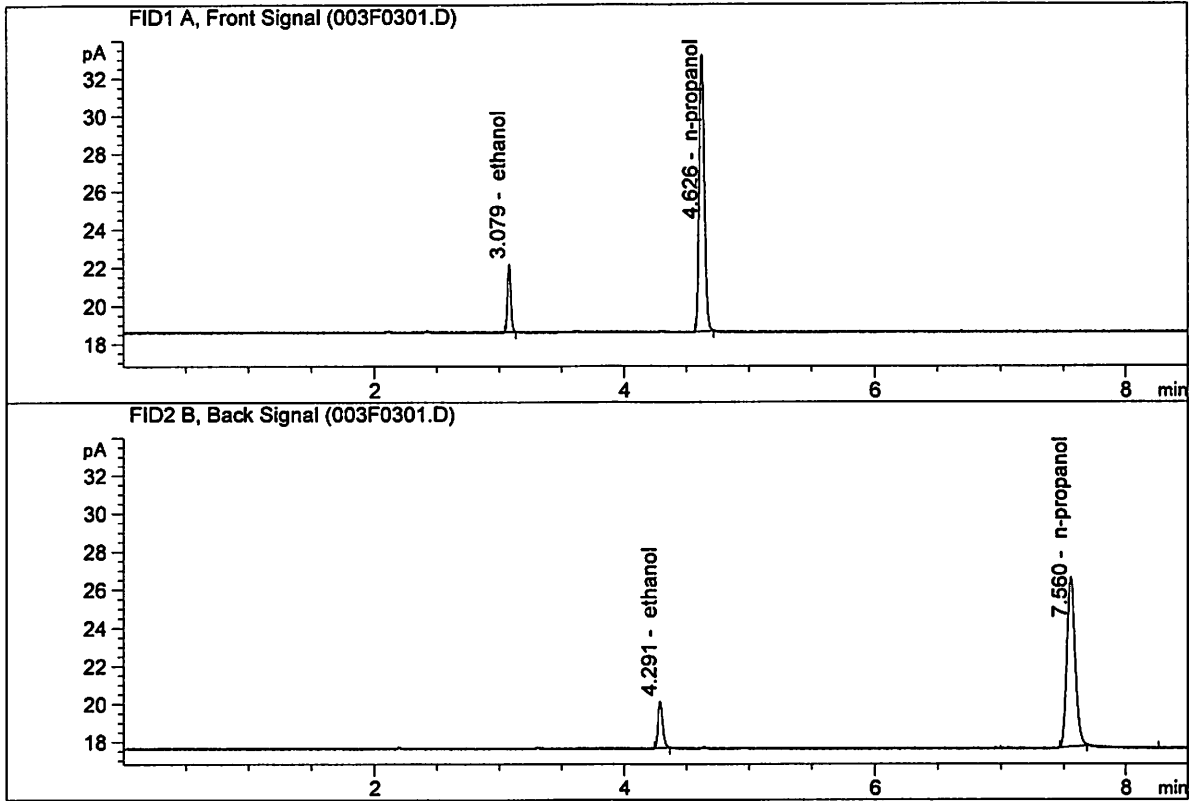
Overall Mean (g/100cc)	Low	High	5% of Mean
0.074	0.070	0.078	0.004

Reported Result
0.074

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
 Laboratory : Meridian
 Injection Date : Sep 9, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

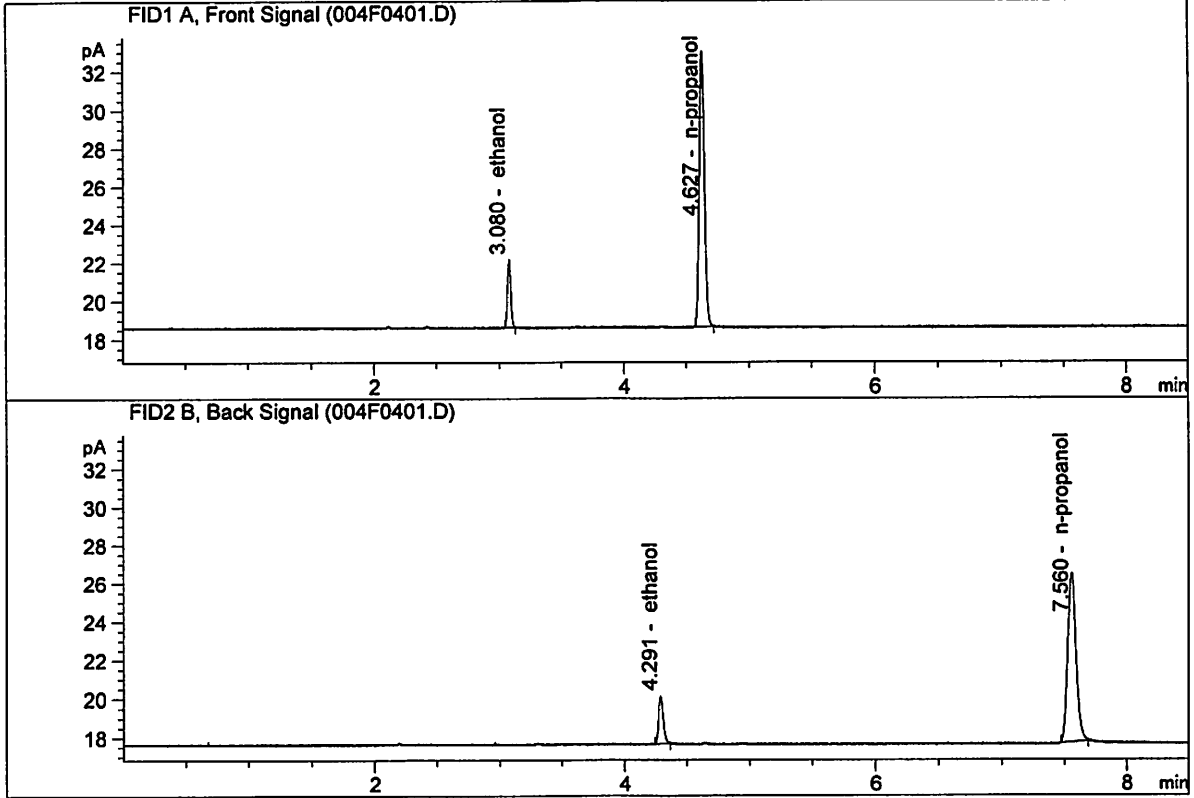


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.54309	0.0740	g/100cc
2.	Ethanol	Column 2:	6.68103	0.0745	g/100cc
3.	n-Propanol	Column 1:	41.56831	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.69632	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
 Laboratory : Meridian
 Injection Date : Sep 9, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.48108	0.0743	g/100cc
2.	Ethanol	Column 2:	6.61871	0.0749	g/100cc
3.	n-Propanol	Column 1:	41.02126	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.03209	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2

Analysis Date(s): 10 Sep 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0767	0.0773	0.0006	0.0770	0.0005	0.0767
(g/100cc)	0.0761	0.0769	0.0008	0.0765		

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%

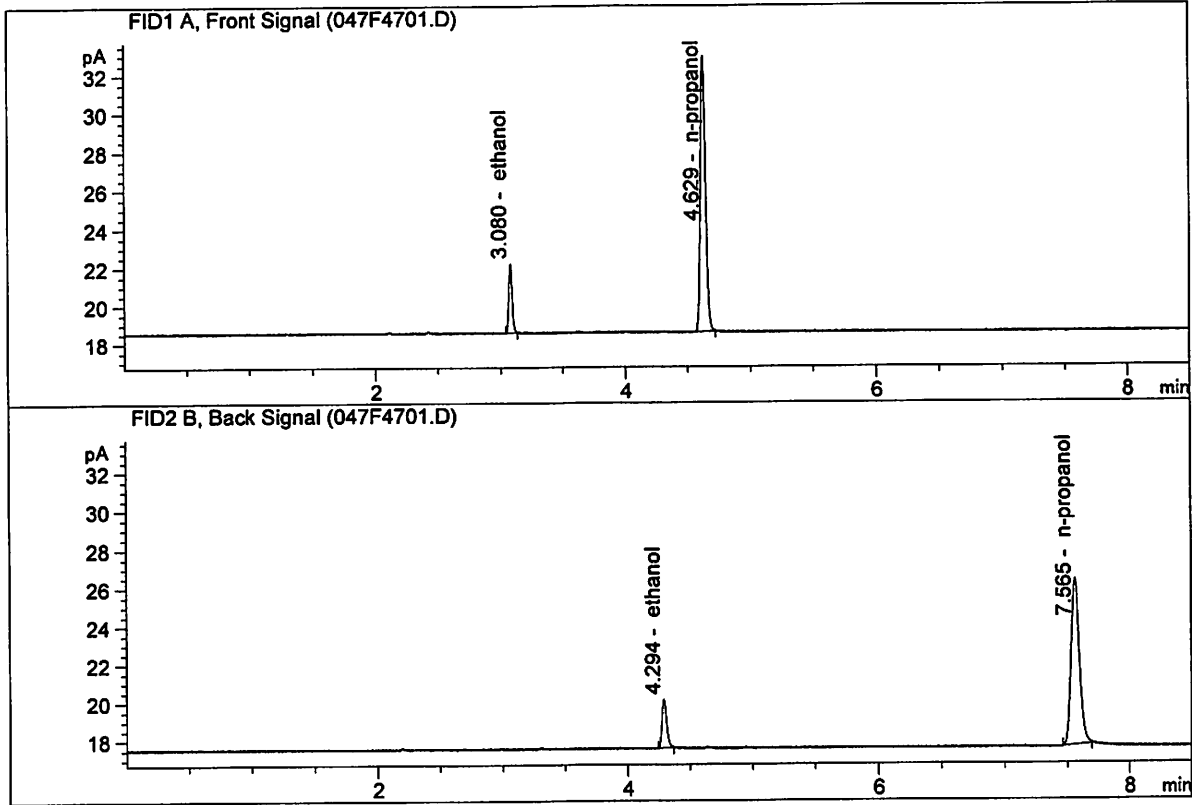
Overall Mean (g/100cc)	Low	High	5% of Mean
0.076	0.072	0.080	0.004

	Reported Result
	0.076

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
 Laboratory : Meridian
 Injection Date : Sep 10, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

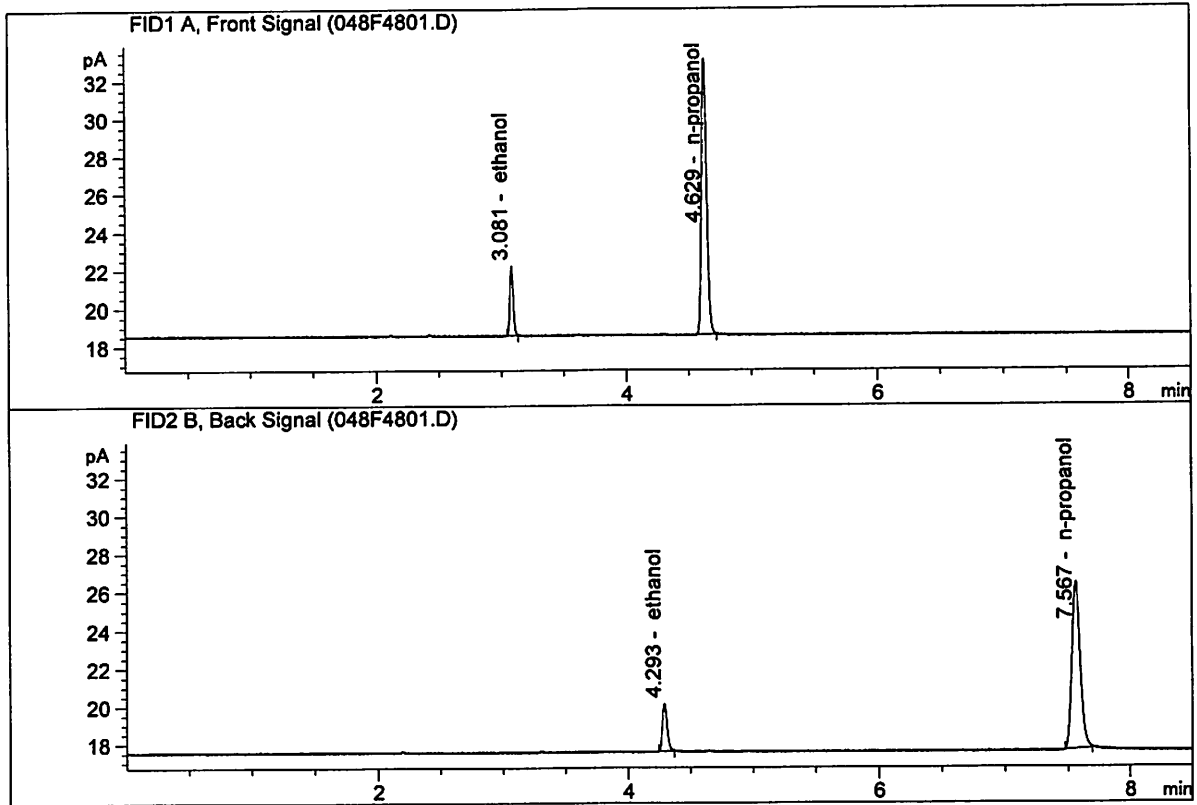


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.69258	0.0767	g/100cc
2.	Ethanol	Column 2:	6.81630	0.0773	g/100cc
3.	n-Propanol	Column 1:	40.98643	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.84310	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
 Laboratory : Meridian
 Injection Date : Sep 10, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014 - CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.70136	0.0761	g/100cc
2.	Ethanol	Column 2:	6.82137	0.0769	g/100cc
3.	n-Propanol	Column 1:	41.39740	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.11788	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2

Analysis Date(s): 10 Sep 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2015	0.2016	0.0001	0.2015	0.0008	0.2019
(g/100cc)	0.2028	0.2019	0.0009	0.2023		

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%

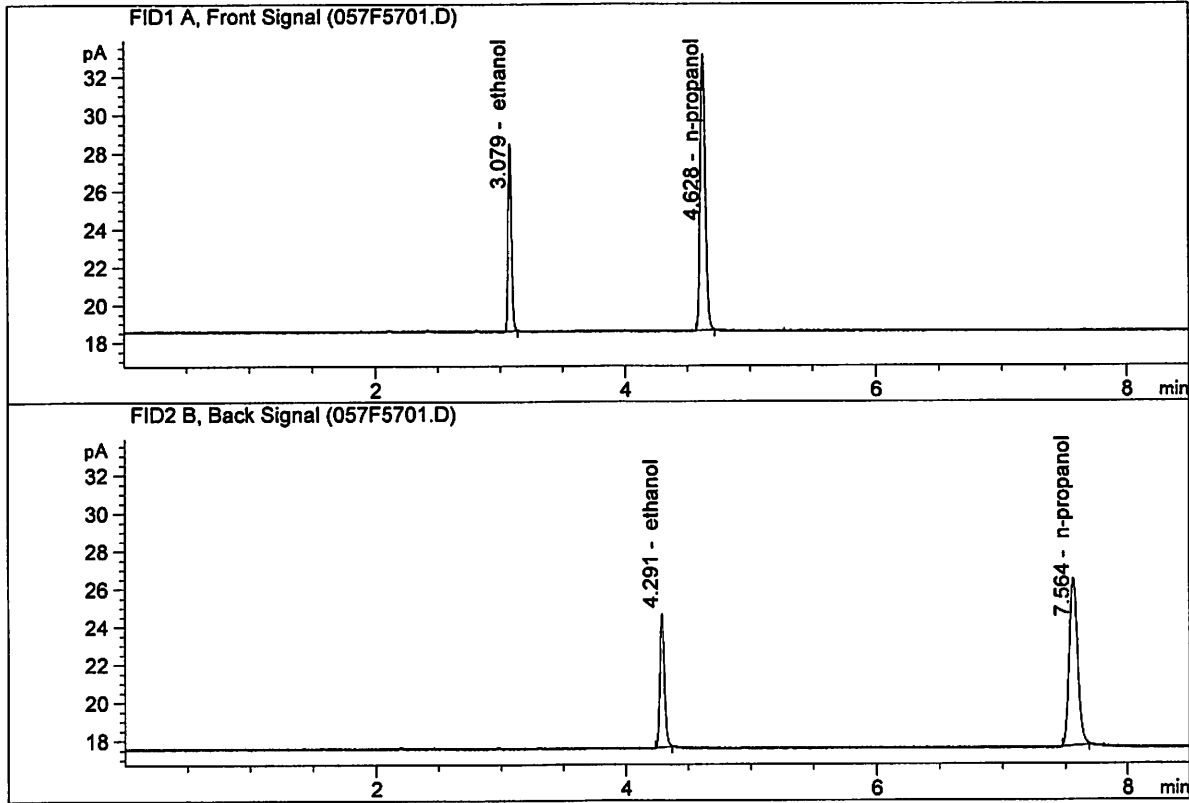
Overall Mean (g/100cc)	Low	High	5% of Mean
0.201	0.190	0.212	0.011

	Reported Result
	0.201

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
 Laboratory : Meridian
 Injection Date : Sep 10, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

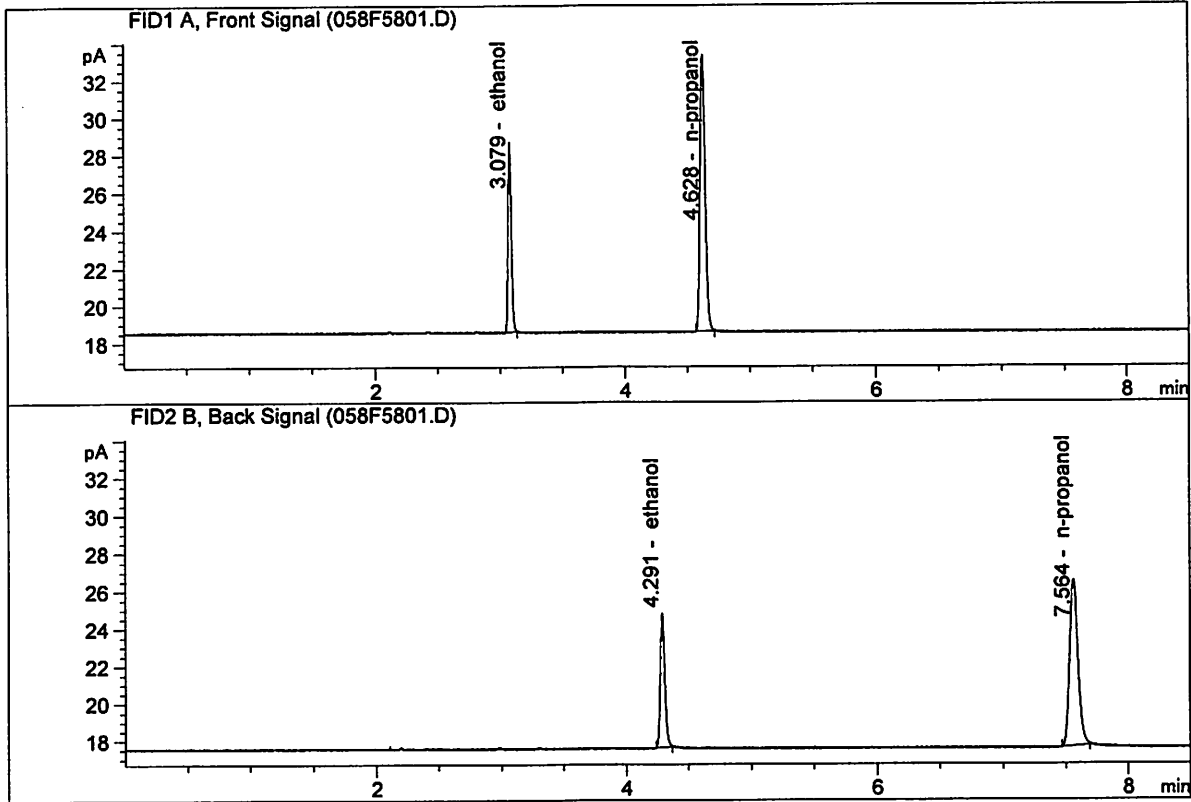


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.10900	0.2015	g/100cc
2.	Ethanol	Column 2:	18.82759	0.2016	g/100cc
3.	n-Propanol	Column 1:	41.40593	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.12537	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
 Laboratory : Meridian
 Injection Date : Sep 10, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.46777	0.2028	g/100cc
2.	Ethanol	Column 2:	19.19893	0.2019	g/100cc
3.	n-Propanol	Column 1:	41.95122	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.88984	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1

Analysis Date(s): 09 Sep 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2019	0.2021	0.0002	0.2020	0.0020	0.2010
(g/100cc)	0.2003	0.1997	0.0006	0.2000		

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%

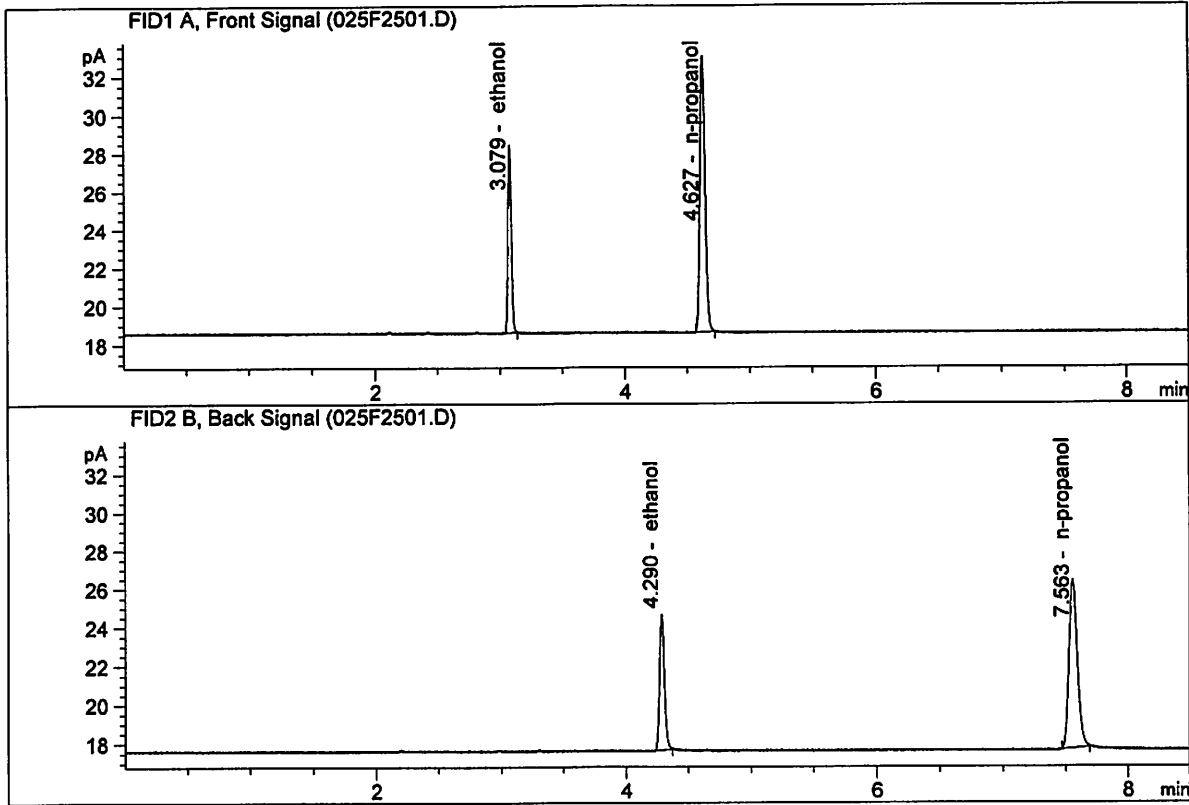
Overall Mean (g/100cc)	Low	High	5% of Mean
0.201	0.190	0.212	0.011

Reported Result	
0.201	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
 Laboratory : Meridian
 Injection Date : Sep 9, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

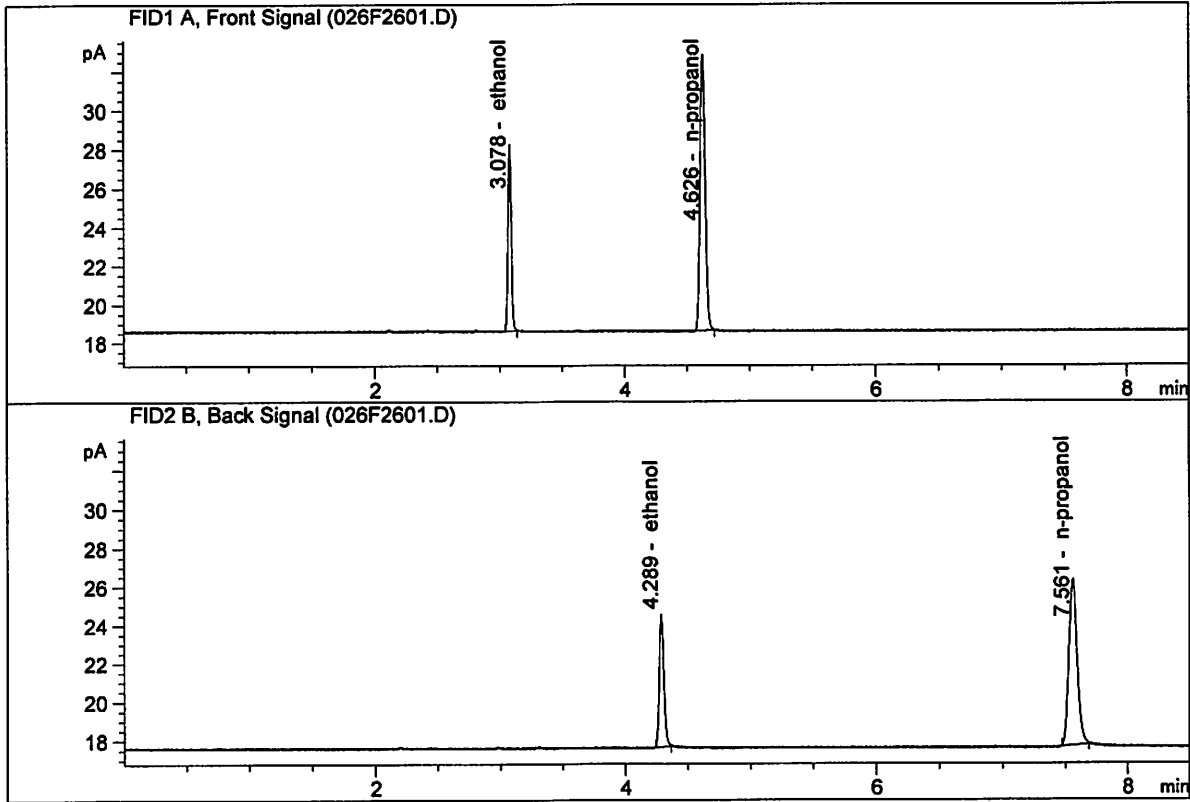


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.93685	0.2019	g/100cc
2.	Ethanol	Column 2:	18.64647	0.2021	g/100cc
3.	n-Propanol	Column 1:	40.93648	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.61352	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
 Laboratory : Meridian
 Injection Date : Sep 9, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.65041	0.2003	g/100cc
2.	Ethanol	Column 2:	18.26642	0.1997	g/100cc
3.	n-Propanol	Column 1:	40.59982	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.26793	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701

Analysis Date(s): 09 Sep 2020

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0815	0.0821	0.0006	0.0818	0.0007	0.0814
(g/100cc)	0.0807	0.0815	0.0008	0.0811		

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.

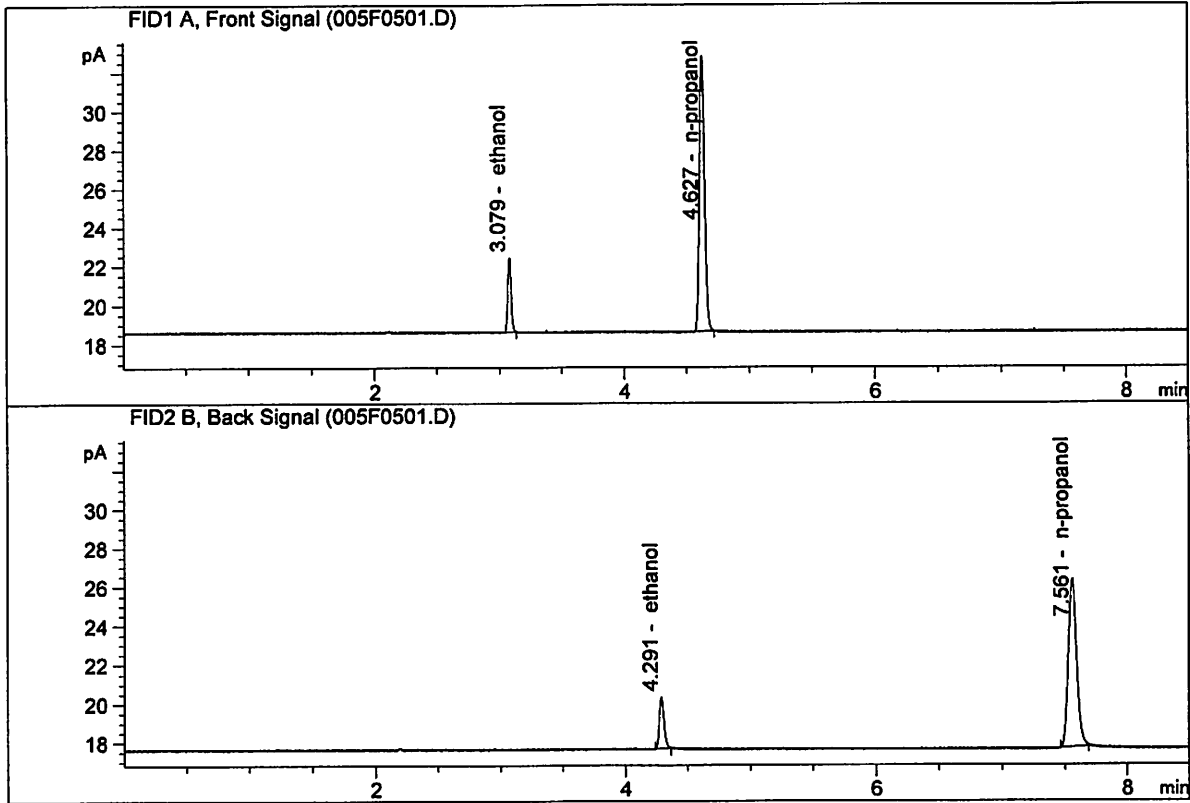
Revision: 2

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 : Sep 9, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

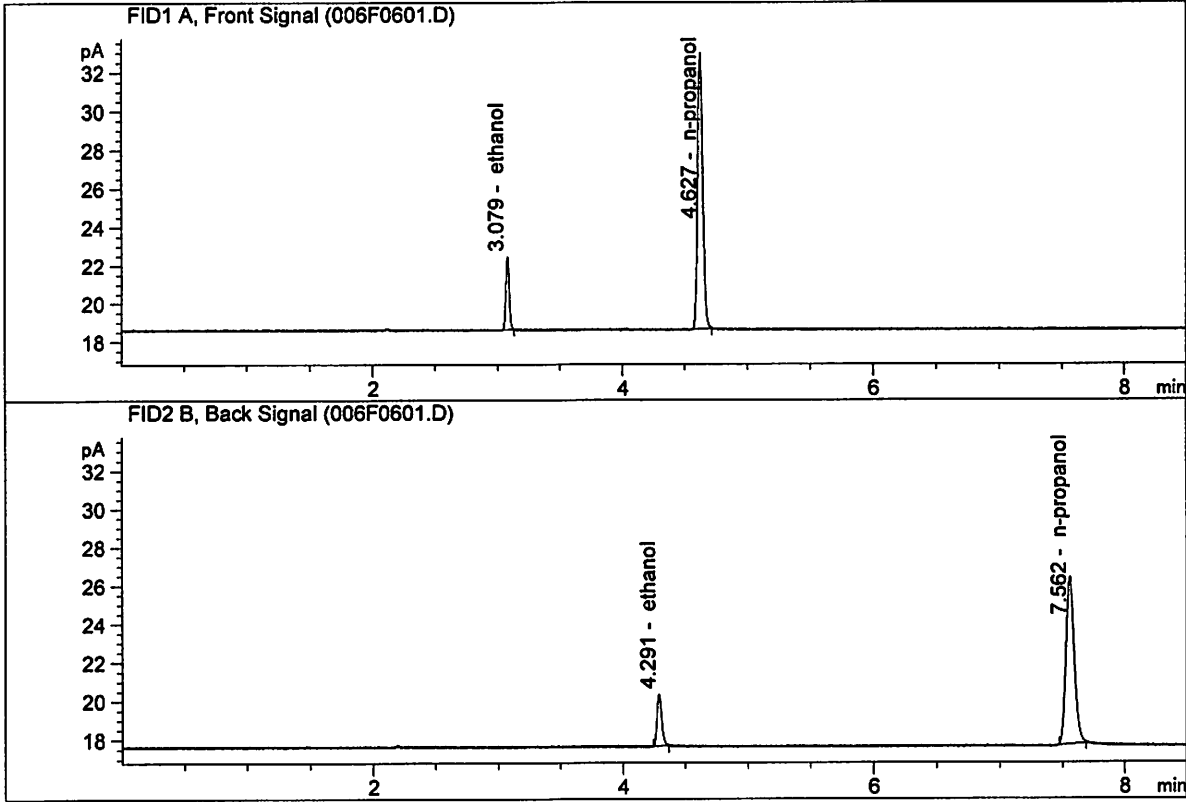


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.02774	0.0815	g/100cc
2.	Ethanol	Column 2:	7.18386	0.0821	g/100cc
3.	n-Propanol	Column 1:	40.44090	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.32944	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
 Laboratory : Meridian
 Injection Date : Sep 9, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

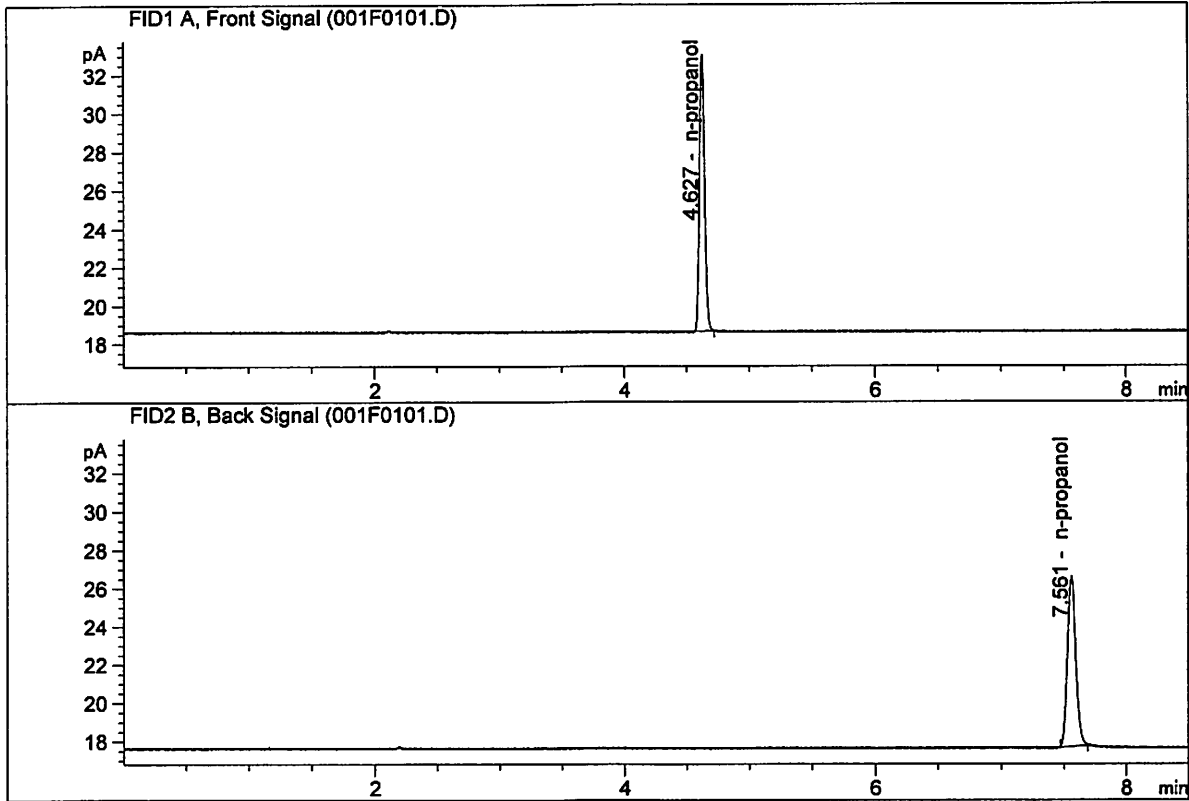


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.02702	0.0807	g/100cc
2.	Ethanol	Column 2:	7.21064	0.0815	g/100cc
3.	n-Propanol	Column 1:	40.85723	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.76915	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
 Laboratory : Meridian
 Injection Date : Sep 9, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

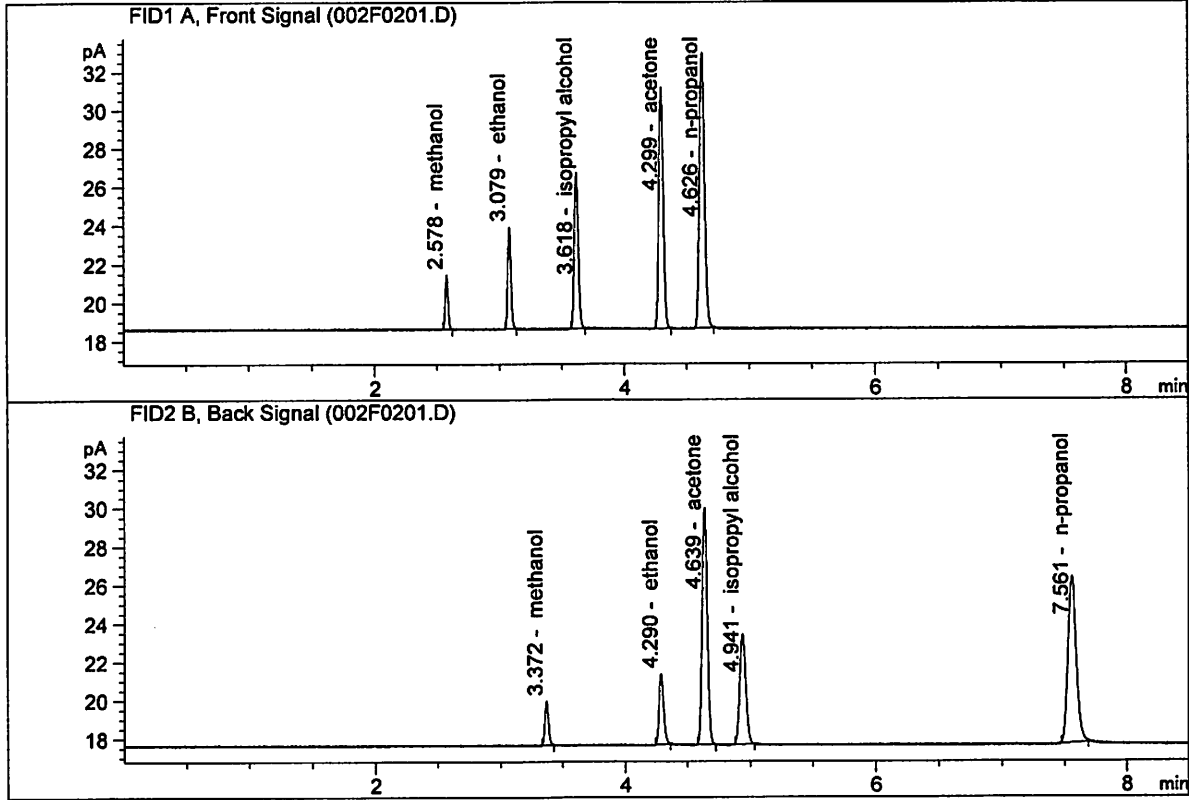


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.00659	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.56503	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN07101701
 Laboratory : Meridian
 Injection Date : Sep 9, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

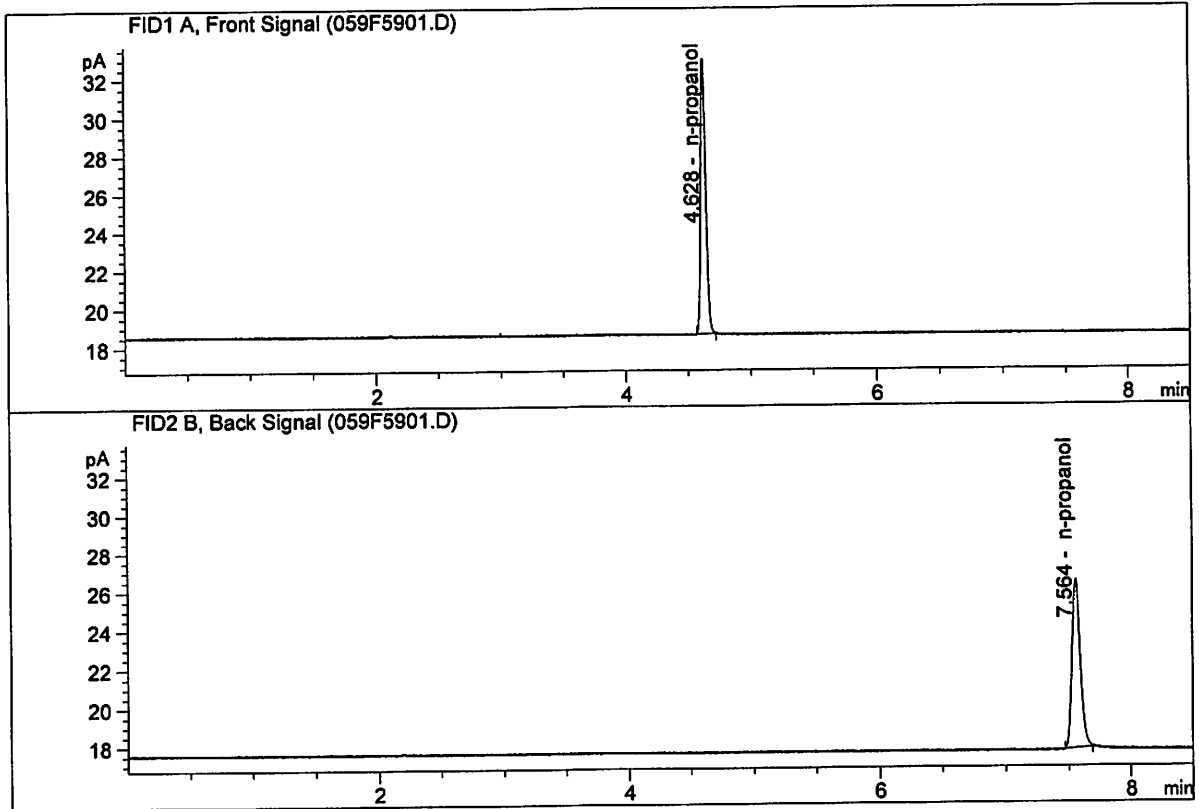


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.51067	0.1093	g/100cc
2.	Ethanol	Column 2:	9.77842	0.1090	g/100cc
3.	n-Propanol	Column 1:	40.49054	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.53765	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
 Laboratory : Meridian
 Injection Date : Sep 10, 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:	40.90825	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.57731	1.0000	g/100cc

Handwritten signature/initials

Sample Summary

Sequence table: C:\Chem32\1\Data\09-09-20_SAMPLES\09-09-20_SAMPLES 2020-09-09 16-25-29\09-09-20_SAMPLES.S
 Data directory path: C:\Chem32\1\Data\09-09-20_SAMPLES\09-09-20_SAMPLES 2020-09-09 16-25-29\
 Logbook: C:\Chem32\1\Data\09-09-20_SAMPLES\09-09-20_SAMPLES 2020-09-09 16-25-29\09-09-20_SAMPLES.LOG
 Sequence start: 9/9/2020 4:40:18 PM
 Sequence Operator: SYSTEM
 Operator: SYSTEM
 Method file name: C:\Chem32\1\Data\09-09-20_SAMPLES\09-09-20_SAMPLES 2020-09-09 16-25-29\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	M2020-3076-3-A	-	1.0000	007F0701.D		2
8	8	1	M2020-3076-3-B	-	1.0000	008F0801.D		2
9	9	1	M2020-3401-1-A	-	1.0000	009F0901.D		4
10	10	1	M2020-3401-1-B	-	1.0000	010F1001.D		4
11	11	1	M2020-3422-1-A	-	1.0000	011F1101.D		4
12	12	1	M2020-3422-1-B	-	1.0000	012F1201.D		4
13	13	1	M2020-3423-1-A	-	1.0000	013F1301.D		4
14	14	1	M2020-3423-1-B	-	1.0000	014F1401.D		4
15	15	1	M2020-3434-1-A	-	1.0000	015F1501.D		6
16	16	1	M2020-3434-1-B	-	1.0000	016F1601.D		6
17	17	1	M2020-3435-1-A	-	1.0000	017F1701.D		4
18	18	1	M2020-3435-1-B	-	1.0000	018F1801.D		4
19	19	1	M2020-3450-1-A	-	1.0000	019F1901.D		4
20	20	1	M2020-3450-1-B	-	1.0000	020F2001.D		4
21	21	1	M2020-3482-1-A	-	1.0000	021F2101.D		4
22	22	1	M2020-3482-1-B	-	1.0000	022F2201.D		4
23	23	1	M2020-3491-1-A	-	1.0000	023F2301.D		2
24	24	1	M2020-3491-1-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	M2020-3491-3-A	-	1.0000	027F2701.D		2
28	28	1	M2020-3491-3-B	-	1.0000	028F2801.D		2
29	29	1	M2020-3491-5-A	-	1.0000	029F2901.D		2
30	30	1	M2020-3491-5-B	-	1.0000	030F3001.D		2
31	31	1	M2020-3495-1-A	-	1.0000	031F3101.D		4
32	32	1	M2020-3495-1-B	-	1.0000	032F3201.D		4
33	33	1	M2020-3496-1-A	-	1.0000	033F3301.D		4
34	34	1	M2020-3496-1-B	-	1.0000	034F3401.D		4
35	35	1	M2020-3498-1A	-	1.0000	035F3501.D		4
36	36	1	M2020-3498-1-B	-	1.0000	036F3601.D		4
37	37	1	M2020-3514-1-A	-	1.0000	037F3701.D		4
38	38	1	M2020-3514-1-B	-	1.0000	038F3801.D		4
39	39	1	M2020-3575-1-A	-	1.0000	039F3901.D		4
40	40	1	M2020-3575-1-B	-	1.0000	040F4001.D		4
41	41	1	M2020-3518-1-A	-	1.0000	041F4101.D		4
42	42	1	M2020-3518-1-B	-	1.0000	042F4201.D		4
43	43	1	P2020-2620-2-A	-	1.0000	043F4301.D		4

NB 9/10/20
NB 9/10/20

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Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	P2020-2620-2-B	-	1.0000	044F4401.D	4
45	45	1	P2020-2628-1-A	-	1.0000	045F4501.D	4
46	46	1	P2020-2628-1-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	P2020-2634-1-A	-	1.0000	049F4901.D	4
50	50	1	P2020-2634-1-B	-	1.0000	050F5001.D	5
51	51	1	P2020-2642-1-A	-	1.0000	051F5101.D	2
52	52	1	P2020-2642-1-B	-	1.0000	052F5201.D	2
53	53	1	P2020-2657-1-A	-	1.0000	053F5301.D	4
54	54	1	P2020-2657-1-B	-	1.0000	054F5401.D	4
55	55	1	P2020-2660-1-A	-	1.0000	055F5501.D	4
56	56	1	P2020-2660-1-B	-	1.0000	056F5601.D	4
57	57	1	QC2-2-A	-	1.0000	057F5701.D	4
58	58	1	QC2-2-B	-	1.0000	058F5801.D	4
59	59	1	INTERNAL STD BLK	-	1.0000	059F5901.D	2

Method file name: C:\Chem32\1\Data\09-09-20_SAMPLES\09-09-20_SAMPLES 2020-09-09 16-25-29 \SHUTDOWN.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
60	60	1	EMPTY	-	1.0000	060F6001.D	0

NB

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

General Calibration Setting

Calib. Data Modified : Thursday, September 03, 2020 2:25:10 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

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	4.35949	1.14692e-2	No	No 1	ethanol
		2	1.00000e-1	8.76935	1.14034e-2			
		3	2.00000e-1	17.73212	1.12790e-2			
		4	3.00000e-1	26.66915	1.12490e-2			
		5	5.00000e-1	43.90200	1.13890e-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	4.55851	1.09685e-2	No	No 2	ethanol
		2	1.00000e-1	9.04151	1.10601e-2			
		3	2.00000e-1	18.39215	1.08742e-2			
		4	3.00000e-1	27.80130	1.07909e-2			
		5	5.00000e-1	46.19029	1.08248e-2			
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No 1	acetone
4.620	1	1	1.00000	40.85903	2.44744e-2	No	Yes 1	n-propanol
		2	1.00000	40.98506	2.43991e-2			
		3	1.00000	40.87630	2.44641e-2			
		4	1.00000	41.02362	2.43762e-2			
		5	1.00000	40.09966	2.49379e-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	42.51776	2.35196e-2	No	Yes 2	n-propanol
		2	1.00000	42.22186	2.36844e-2			
		3	1.00000	41.86564	2.38859e-2			
		4	1.00000	41.85574	2.38916e-2			
		5	1.00000	40.71259	2.45624e-2			

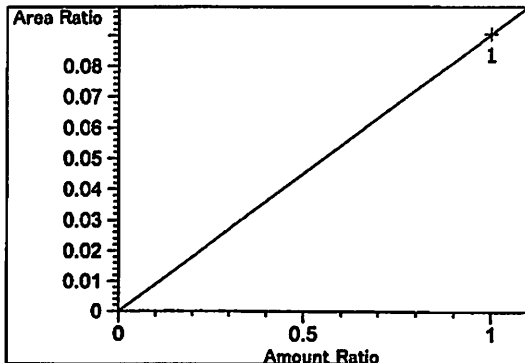
Peak Sum Table

No Entries in table

1 Warnings or Errors :

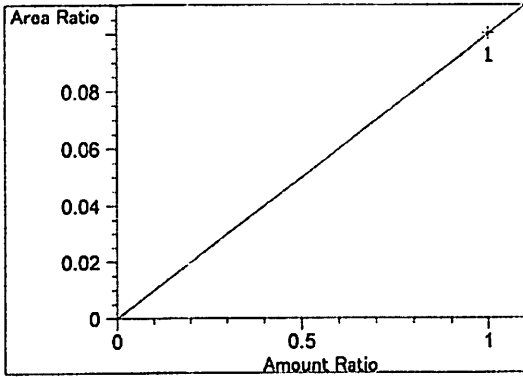
Warning : Curve requires more calibration points., (methanol)

Calibration Curves

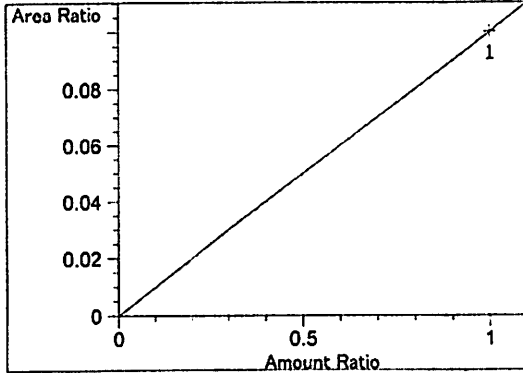


methanol at exp. RT: 2.586
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 9.04744e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

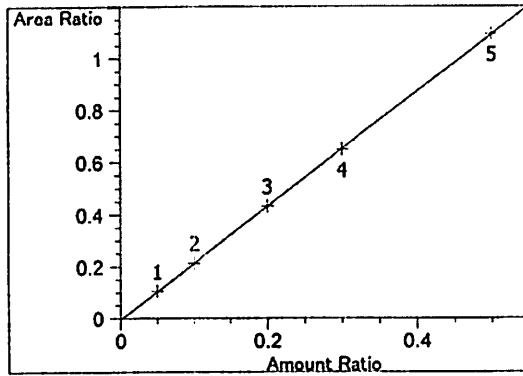
NB



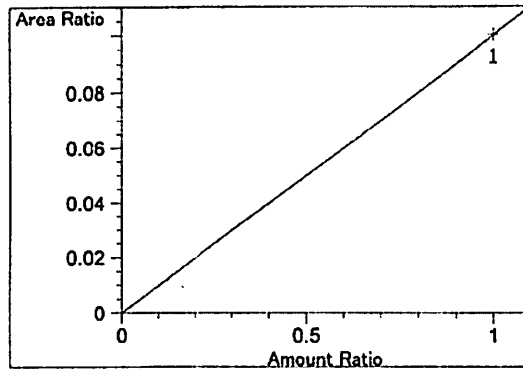
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00217e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00217e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

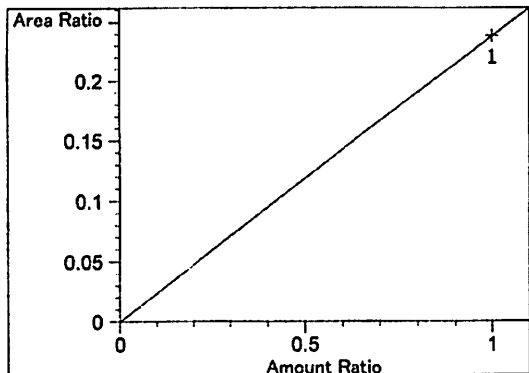


ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00265
Formula: $y = mx + b$
m: 2.19589
b: -5.17961e-3
x: Amount Ratio
y: Area Ratio

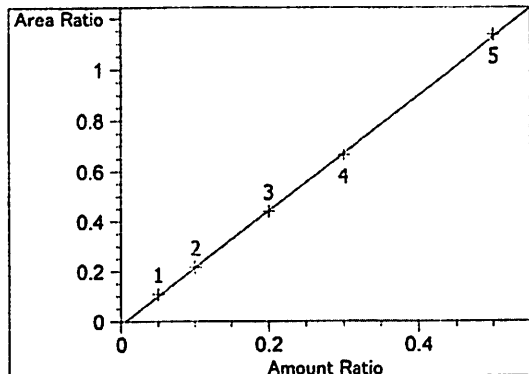


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00208e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

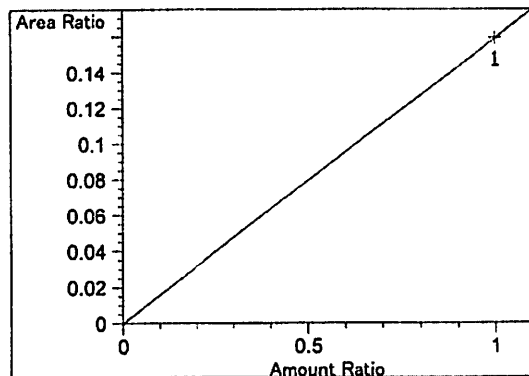
NB



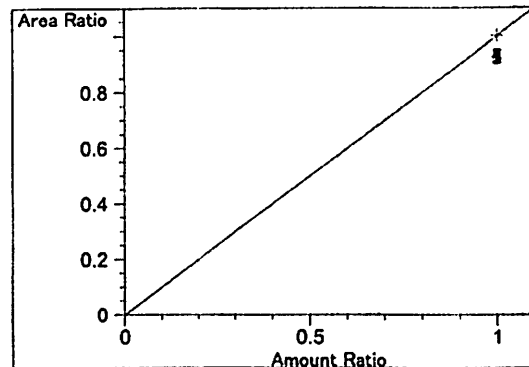
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 2.38149e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99989
Residual Std. Dev.: 0.00710
Formula: $y = mx + b$
m: 2.28520
b: -1.37099e-2
x: Amount Ratio
y: Area Ratio

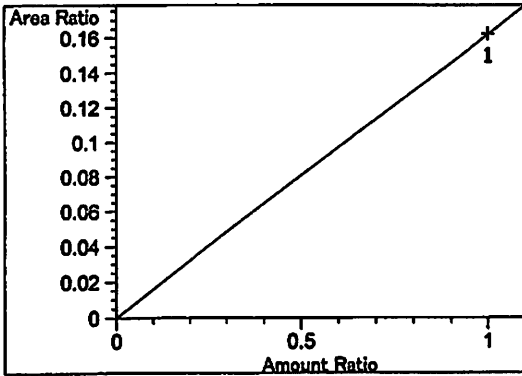


acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.59069e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

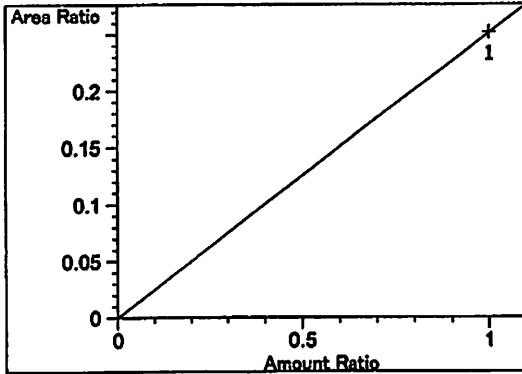


n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

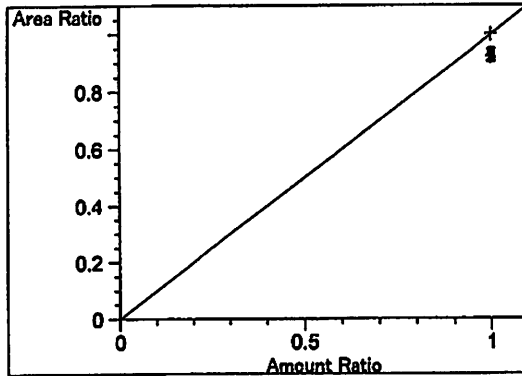
MB



acetone at exp. RT: 4.661
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 1.62121e-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: 2.51810e-1
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio



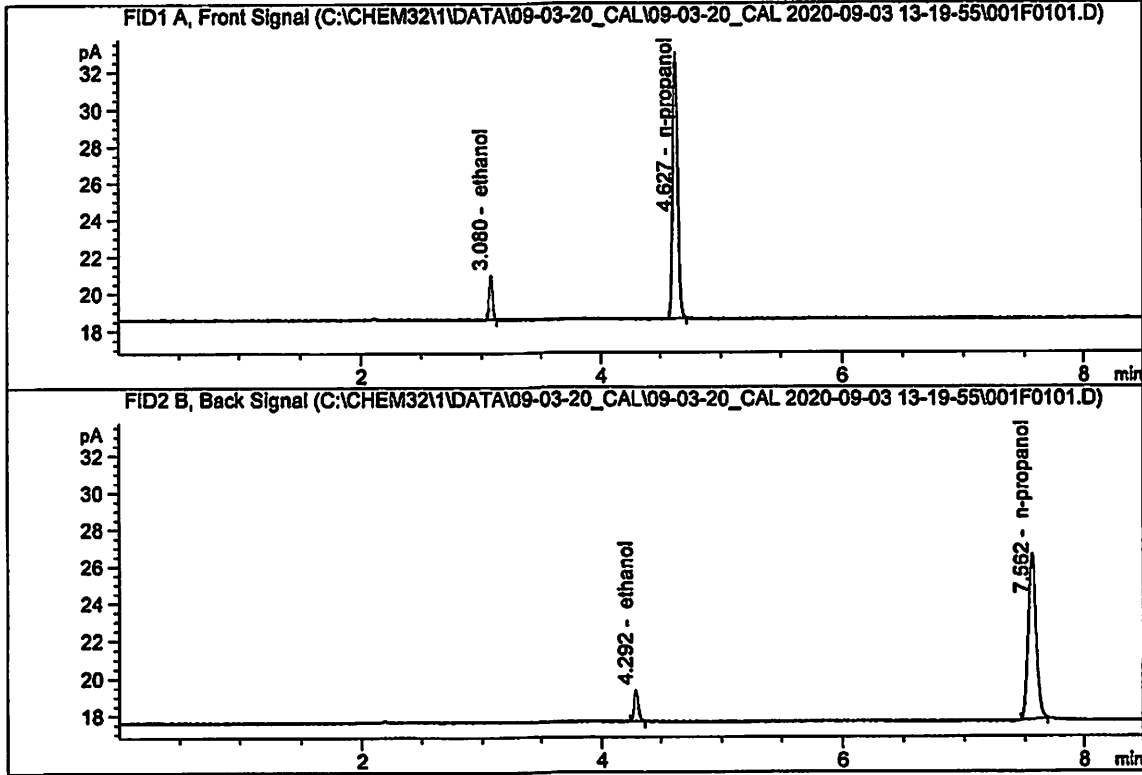
n-propanol at exp. RT: 7.550
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 1.00000
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

=====

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN05211804
 Laboratory : Meridian
 Injection Date : Sep 3, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

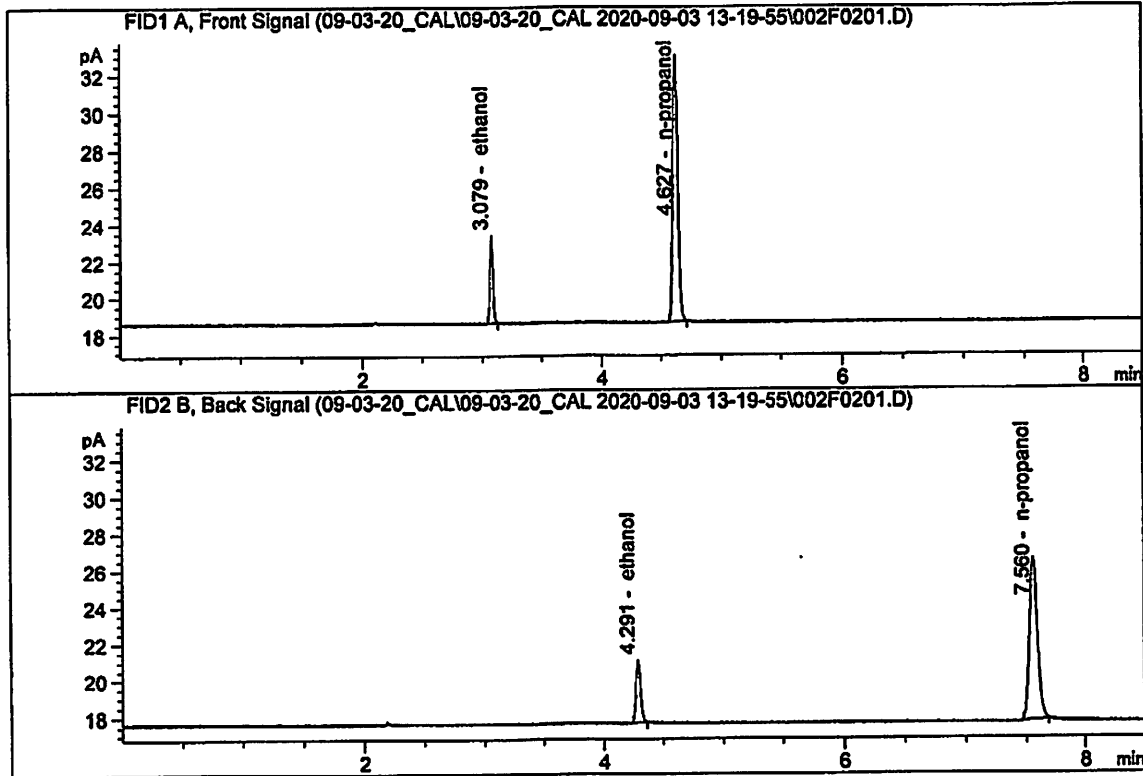


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.35949	0.0509	g/100cc
2.	Ethanol	Column 2:	4.55851	0.0529	g/100cc
3.	n-Propanol	Column 1:	40.85903	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.51776	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN02271802
 Laboratory : Meridian
 Injection Date : Sep 3, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

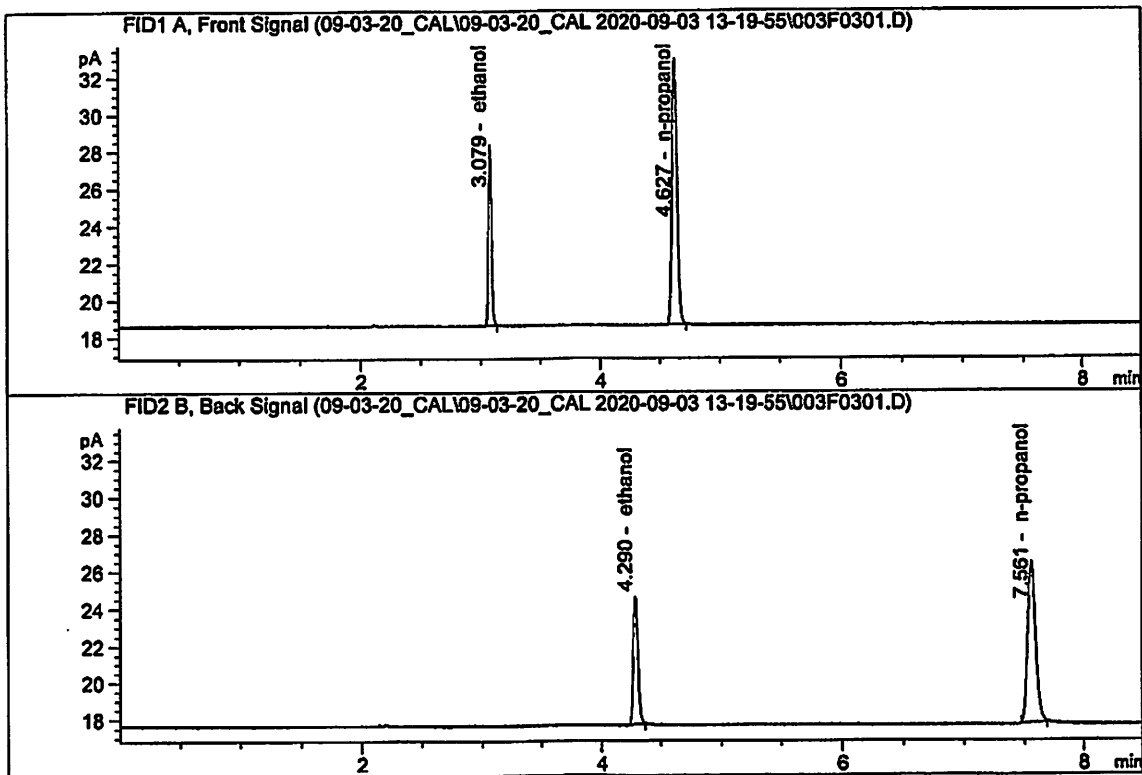


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.76935	0.0998	g/100cc
2.	Ethanol	Column 2:	9.04151	0.0997	g/100cc
3.	n-Propanol	Column 1:	40.98506	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.22186	1.0000	g/100cc

LB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN06231704
 Laboratory : Meridian
 Injection Date : Sep 3, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

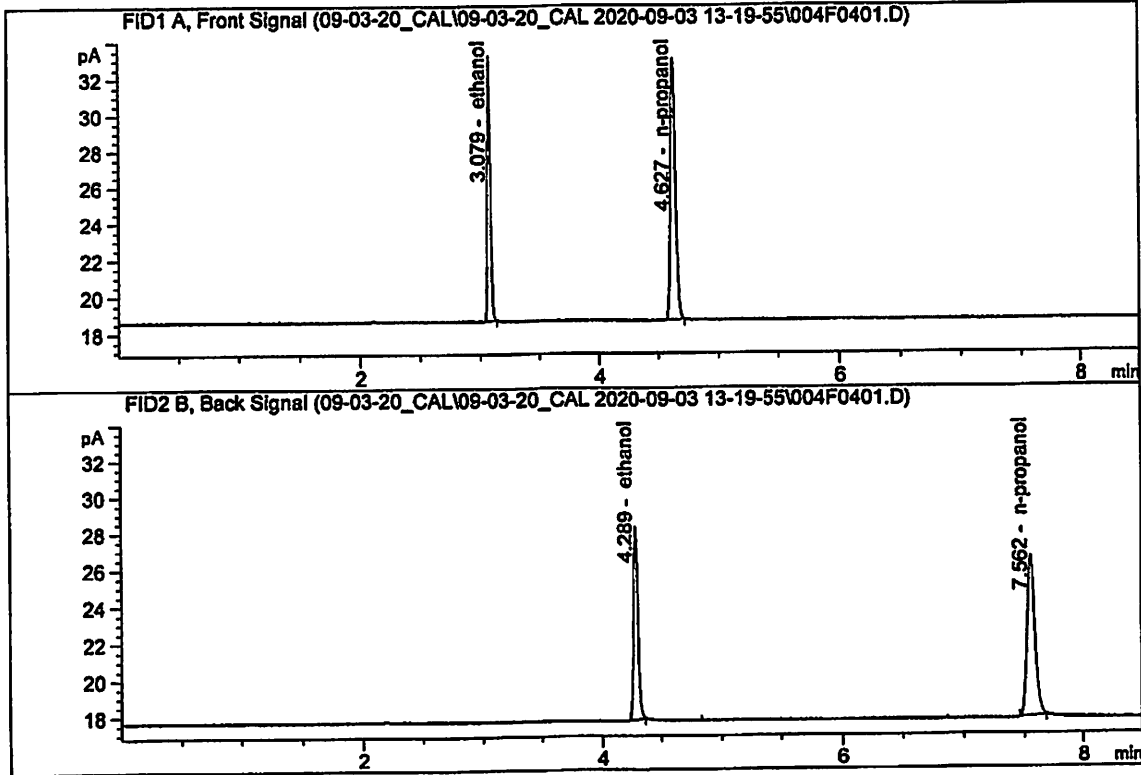


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.73212	0.1999	g/100cc
2.	Ethanol	Column 2:	18.39215	0.1982	g/100cc
3.	n-Propanol	Column 1:	40.87630	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.86564	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN07311804
 Laboratory : Meridian
 Injection Date : Sep 3, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

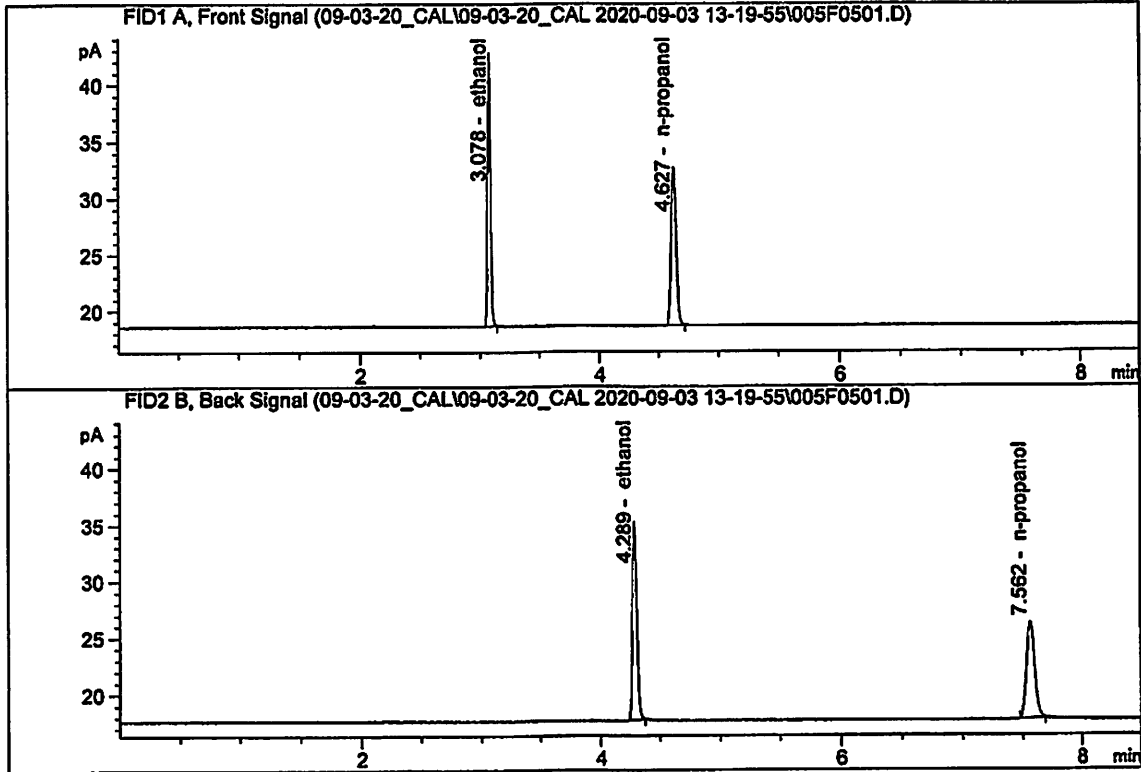


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.66915	0.2984	g/100cc
2.	Ethanol	Column 2:	27.80130	0.2967	g/100cc
3.	n-Propanol	Column 1:	41.02362	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.85574	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08241801
 Laboratory : Meridian
 Injection Date : Sep 3, 2020
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

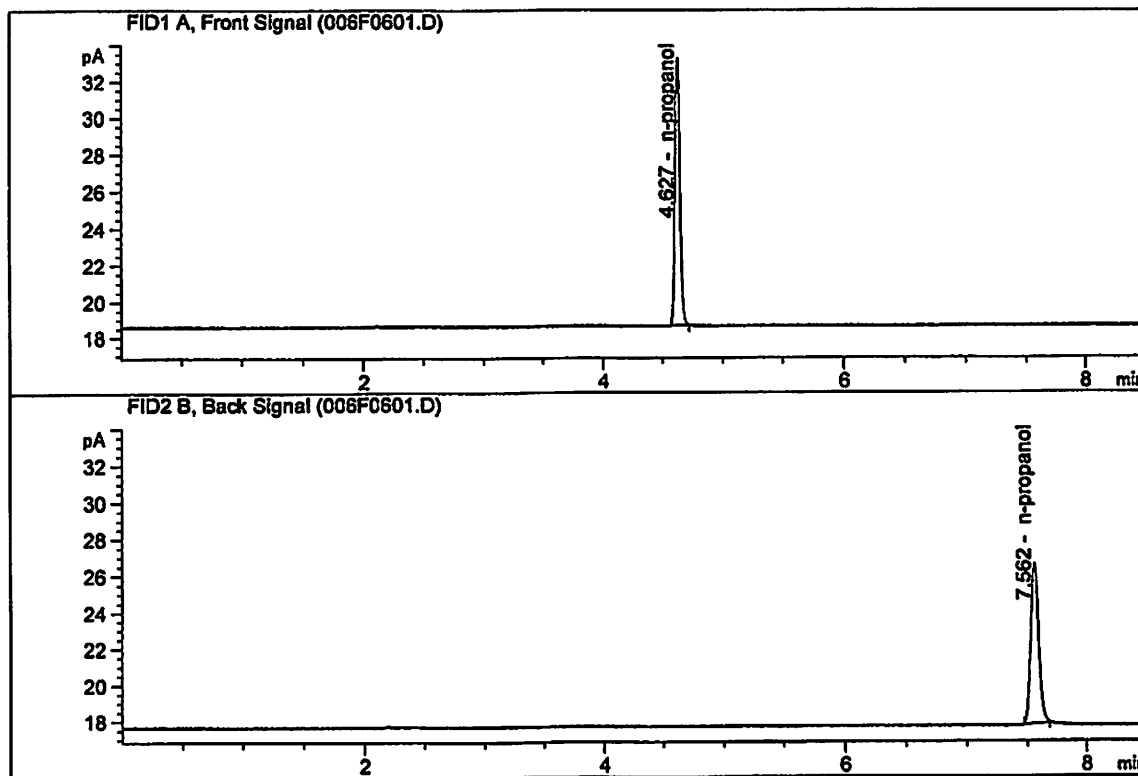


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.90200	0.5009	g/100cc
2.	Ethanol	Column 2:	46.19029	0.5025	g/100cc
3.	n-Propanol	Column 1:	40.09966	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.71259	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
 Laboratory : Meridian
 Injection Date : Sep 3, 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:	41.64092	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.48873	1.0000	g/100cc

NB

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

Sequence table: C:\Chem32\1\Data\09-03-20_CAL\09-03-20_CAL 2020-09-03 13-19-55\09-03-20_CAL.S
 Data directory path: C:\Chem32\1\Data\09-03-20_CAL\09-03-20_CAL 2020-09-03 13-19-55\
 Logbook: C:\Chem32\1\Data\09-03-20_CAL\09-03-20_CAL 2020-09-03 13-19-55\09-03-20_CAL.LOG
 Sequence start: 9/3/2020 1:34:35 PM
 Sequence Operator: SYSTEM
 Operator: SYSTEM
 Method file name: C:\Chem32\1\Data\09-03-20_CAL\09-03-20_CAL 2020-09-03 13-19-55\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

NB