

MB

**REVIEWED**

By Melissa (Nikka) Bradley at 7:56 pm, Jan 31, 2019

**Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles**

*Analytical Method(s): 1.0*

**Device: Hamilton MICROLAB 600A Liquid Processor/Dilutor Serial Number: ML600HC11378**

**Volatiles Quality Assurance Controls**

**Run Date(s): 01/30/2019**

Calibration Date: 1/30/2019

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0787 g/100cc 0.0819 g/100cc g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2052 g/100cc g/100cc
Multi-Component mixture: Curve Fit:			Exp Date: Sept. 2020	Lot #	
		Column 1	0.99999	Column2	0.99996

**Ethanol Calibration Reference Material**

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0511	0.0521	0.001	0.0516
100	0.100	0.090 - 0.110	0.0996	0.0995	1E-04	0.0995
200	0.200	0.180 - 0.220	0.1997	0.1980	0.0017	0.1988
300	0.300	0.270 - 0.330	0.2989	0.2992	0.0003	0.299
500	0.500	0.450 - 0.550	0.5008	0.5012	0.0004	0.501

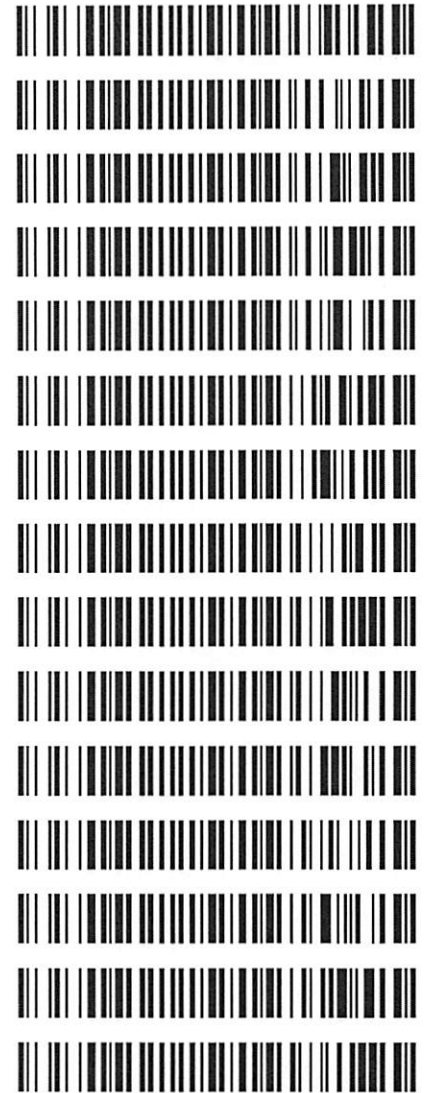
**Aqueous Controls**

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

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**Worklist: 2908**

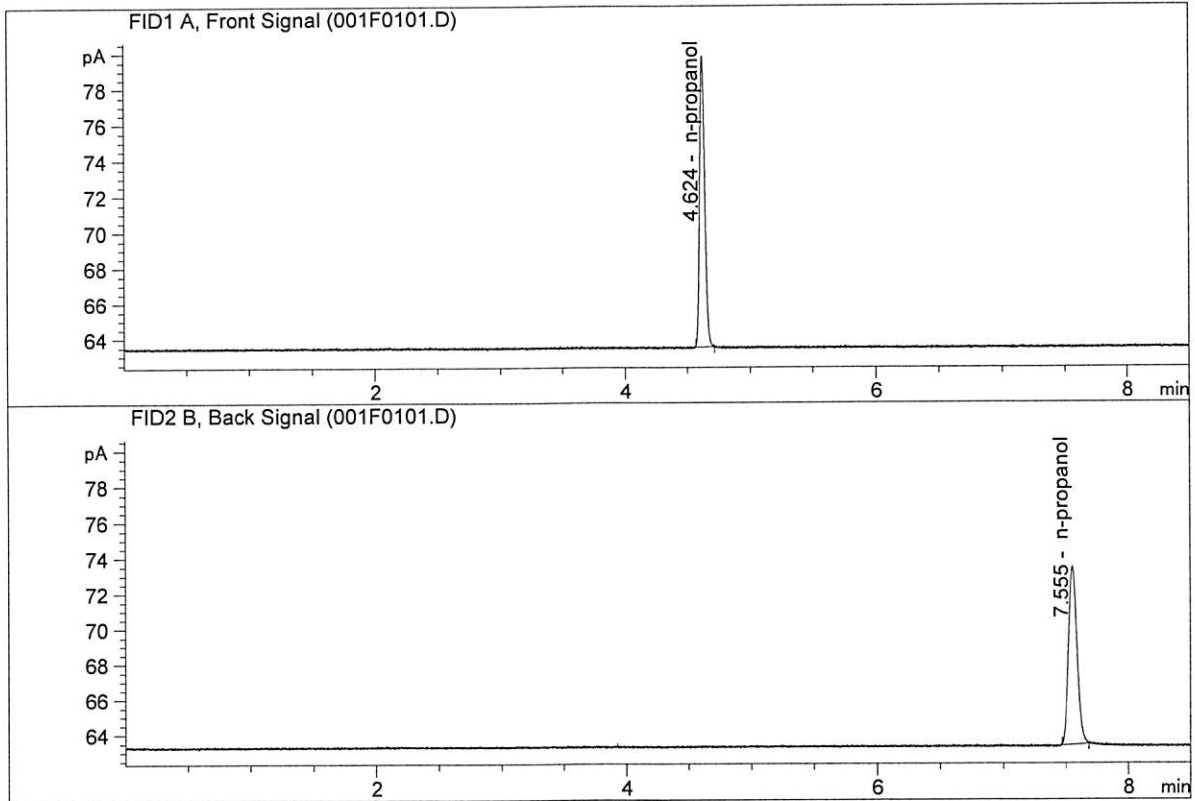
<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
M2019-0332	2	138051	Alcohol Analysis
M2019-0419	1	137860	Alcohol Analysis
M2019-0420	1	137861	Alcohol Analysis
M2019-0421	1	137862	Alcohol Analysis
M2019-0422	1	137863	Alcohol Analysis
M2019-0464	1	137985	Alcohol Analysis
M2019-0469	1	138021	Alcohol Analysis
M2019-0476	1	138039	Alcohol Analysis
M2019-0478	1	138055	Alcohol Analysis
M2019-0479	1	138062	Alcohol Analysis
M2019-0480	1	138063	Alcohol Analysis
M2019-0495	1	138165	Alcohol Analysis
M2019-0496	1	138228	Alcohol Analysis
M2019-0498	1	138229	Alcohol Analysis
M2019-0535	1	138295	Alcohol Analysis



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ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

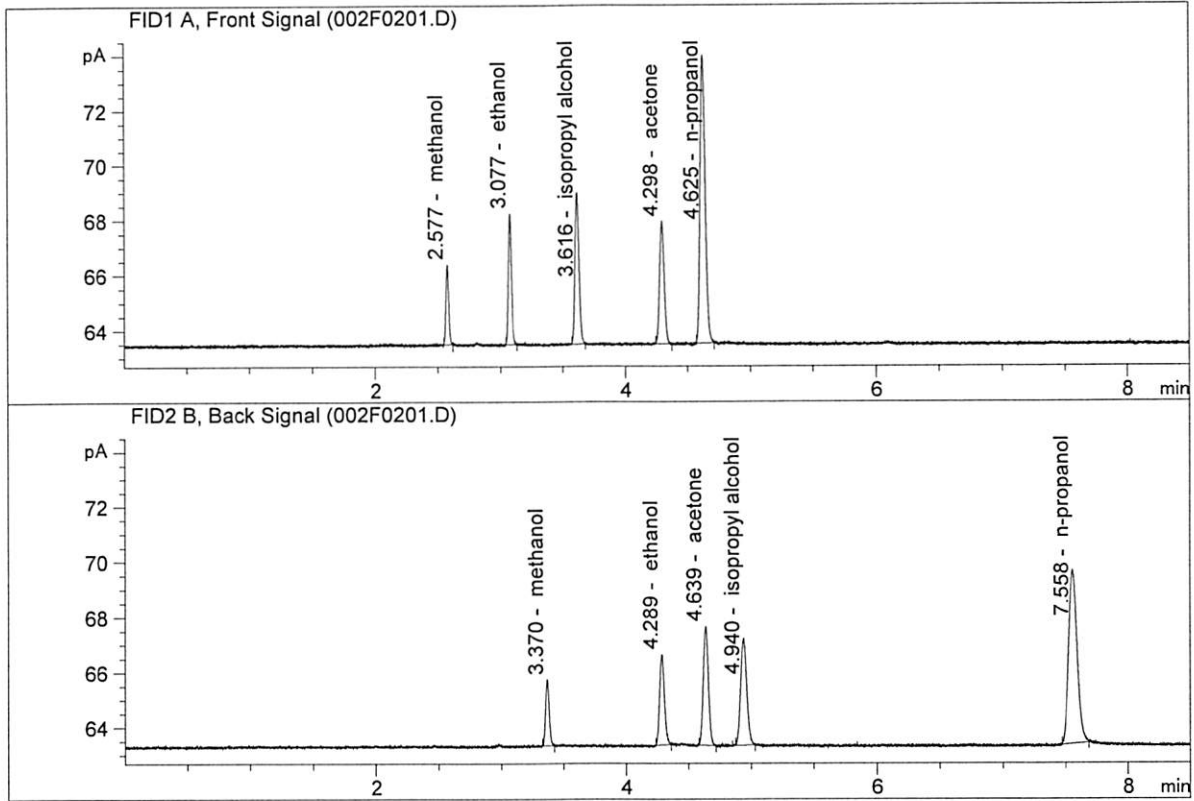


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	46.50943	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.06955	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.48381	0.1451	g/100cc
2.	Ethanol	Column 2:	8.71592	0.1460	g/100cc
3.	n-Propanol	Column 1:	29.57829	1.0000	g/100cc
4.	n-Propanol	Column 2:	29.97559	1.0000	g/100cc

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC1-1

Analysis Date(s): 30 Jan 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0782	0.0791	0.0009	0.0786	0.0787	
(g/100cc)	0.0784	0.0793	0.0009	0.0788		

**Analysis Method**

Refer to Blood Alcohol Method #1

**Instrument Information**

*Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m  
Hamilton Auto-Dilutor Serial Number: ML600HC11378

**Reporting of Results**

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.078	0.074	0.082	0.004

	Reported Result	
	0.078	

*Calibration and control data are stored centrally.*

Revision: 1

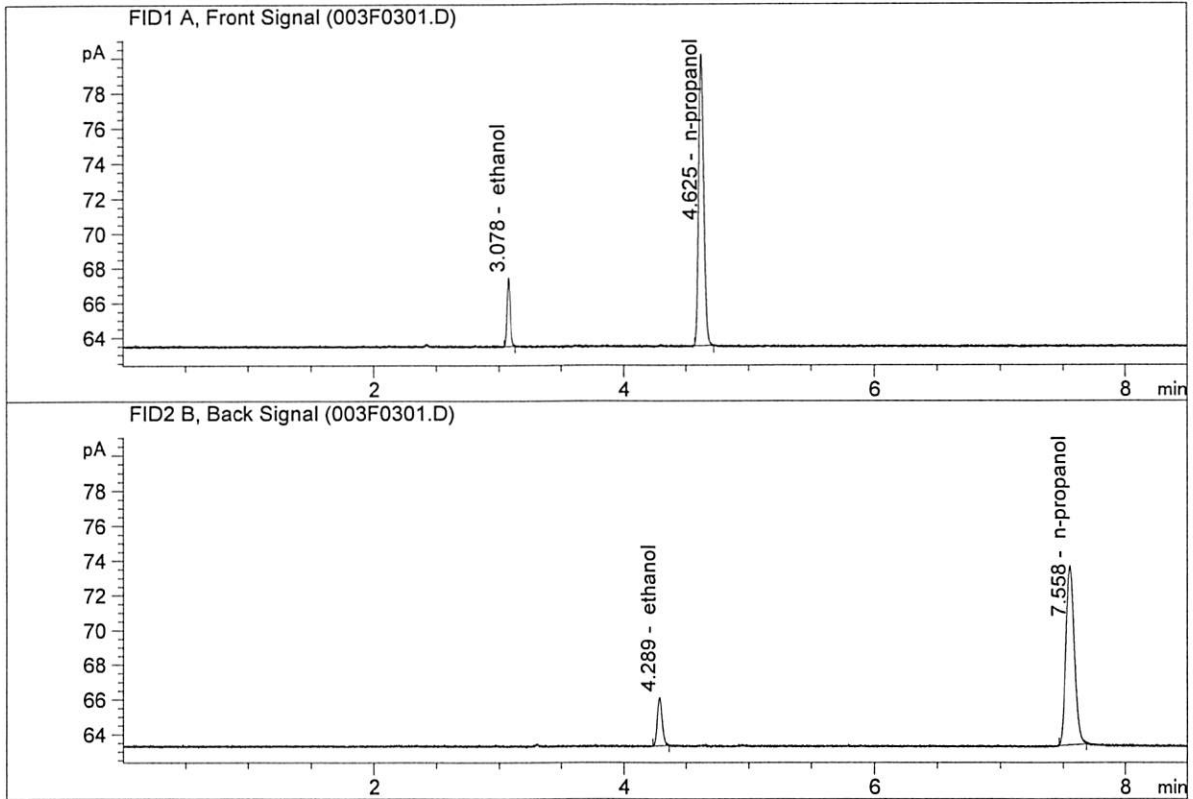
Issue Date: 01/04/2019

Issuing Authority: Quality Manager

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

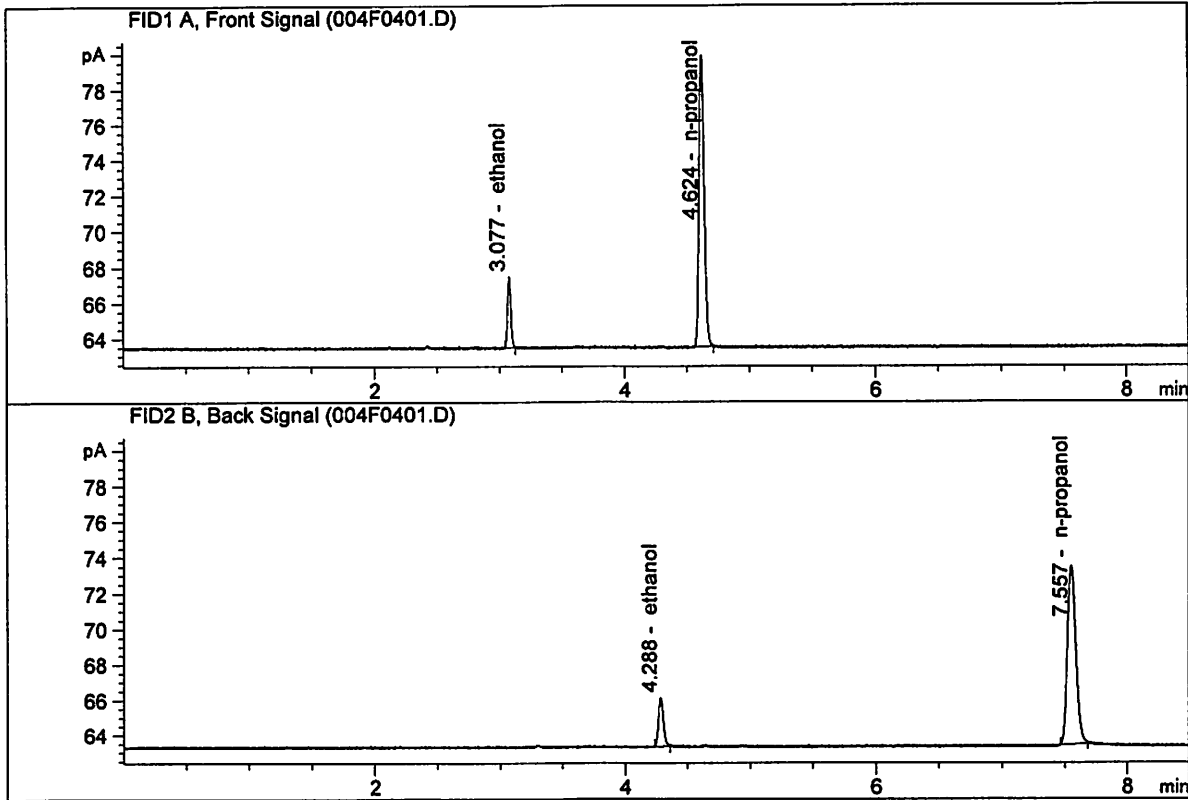


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.33279	0.0782	g/100cc
2.	Ethanol	Column 2:	7.50423	0.0791	g/100cc
3.	n-Propanol	Column 1:	47.53035	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.92843	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.21928	0.0784	g/100cc
2.	Ethanol	Column 2:	7.39174	0.0793	g/100cc
3.	n-Propanol	Column 1:	46.64731	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.07497	1.0000	g/100cc

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701

Analysis Date(s): 30 Jan 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0794	0.0804	0.0010	0.0799	0.0800	
(g/100cc)	0.0799	0.0804	0.0005	0.0801		

### Analysis Method

Refer to Blood Alcohol Method #1

### Instrument Information

*Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m  
Hamilton Auto-Dilutor Serial Number: ML600HC11378

### Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

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

	<b>Reported Result</b> <hr style="border-top: 1px dashed black;"/> 0.080	
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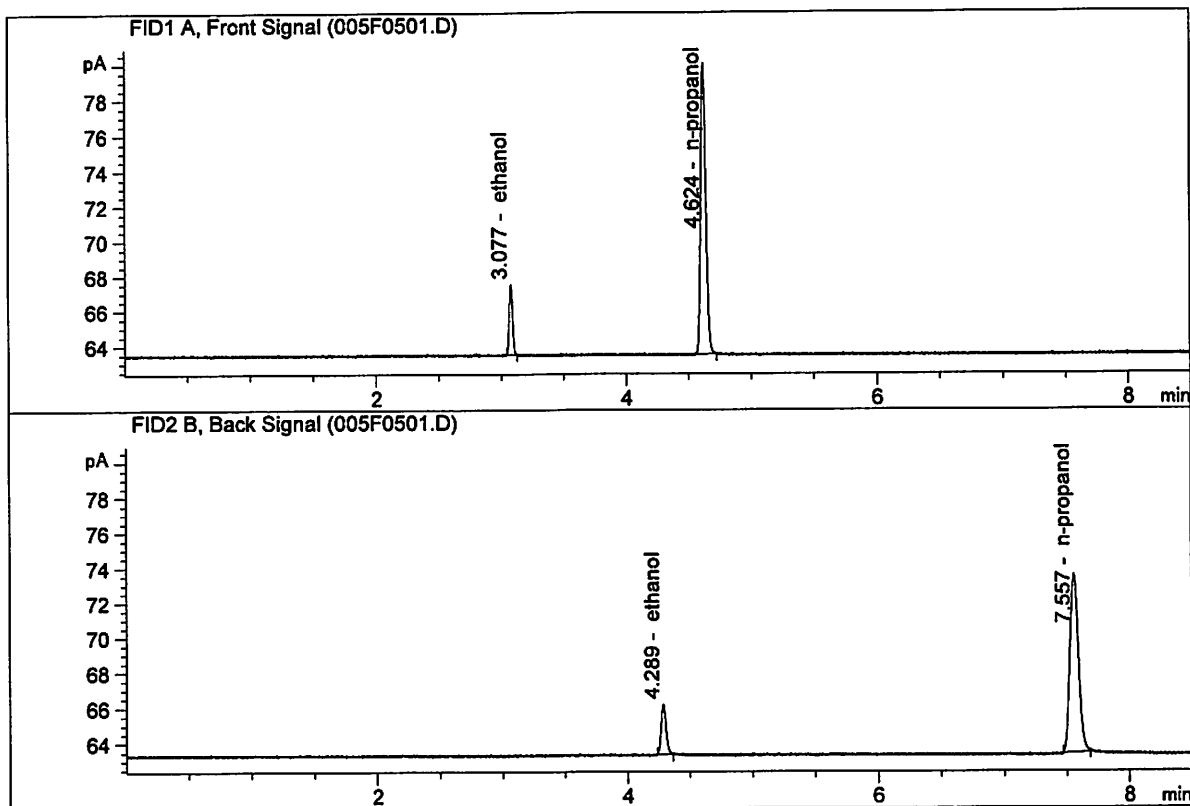
*Calibration and control data are stored centrally.*

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-A  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

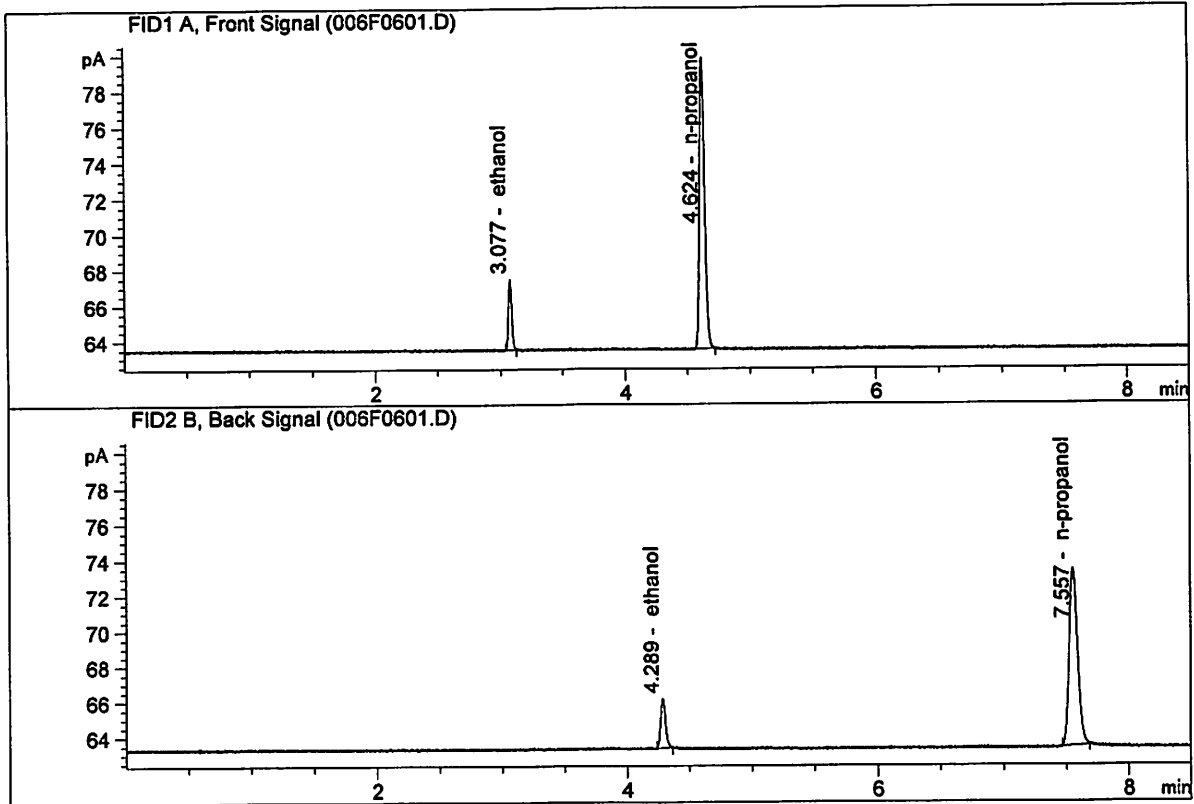


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.38640	0.0794	g/100cc
2.	Ethanol	Column 2:	7.55460	0.0804	g/100cc
3.	n-Propanol	Column 1:	47.12935	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.43980	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.32002	0.0799	g/100cc
2.	Ethanol	Column 2:	7.44862	0.0804	g/100cc
3.	n-Propanol	Column 1:	46.43342	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.72474	1.0000	g/100cc

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## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1

Analysis Date(s): 30 Jan 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2064	0.2046	0.0018	0.2055	0.2052	
(g/100cc)	0.2053	0.2047	0.0006	0.2050		

### Analysis Method

Refer to Blood Alcohol Method #1

### Instrument Information

*Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m  
Hamilton Auto-Dilutor Serial Number: ML600HC11378

### Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

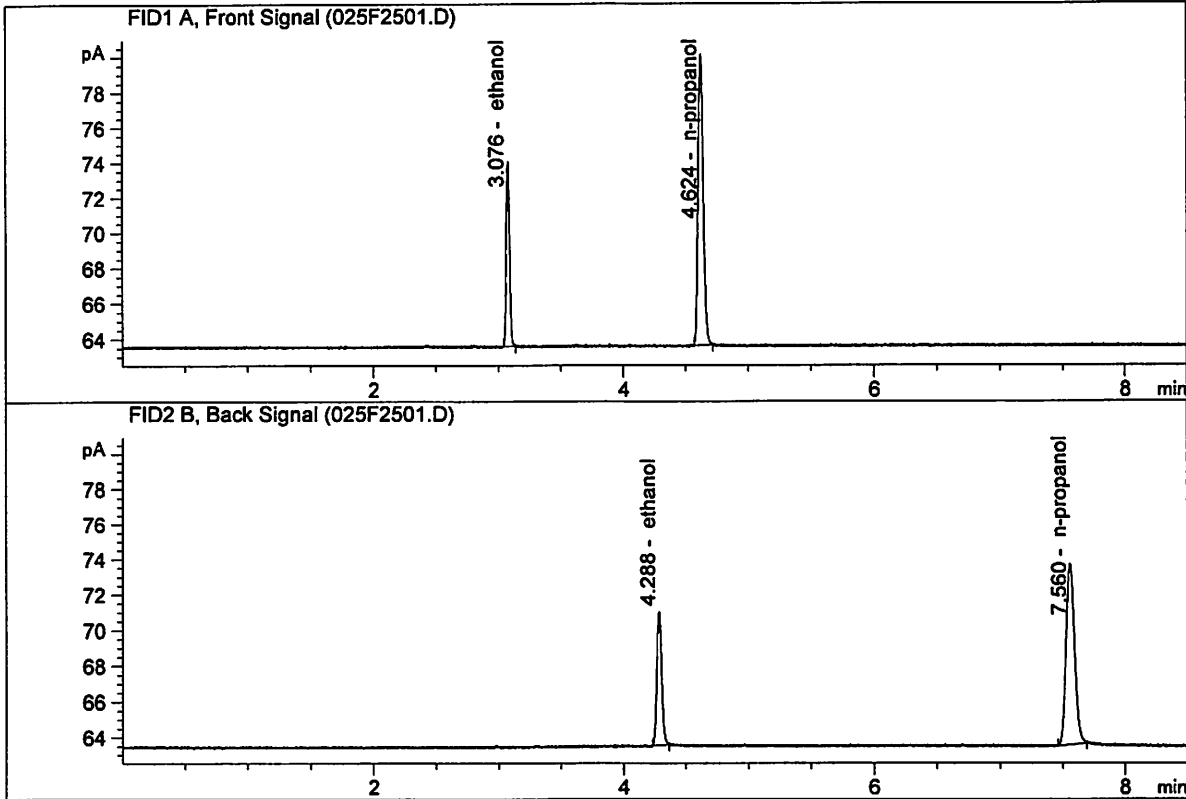
Overall Mean (g/100cc)	Low	High	5% of Mean
0.205	0.194	0.216	0.011

	Reported Result	
	0.205	

*Calibration and control data are stored centrally.*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

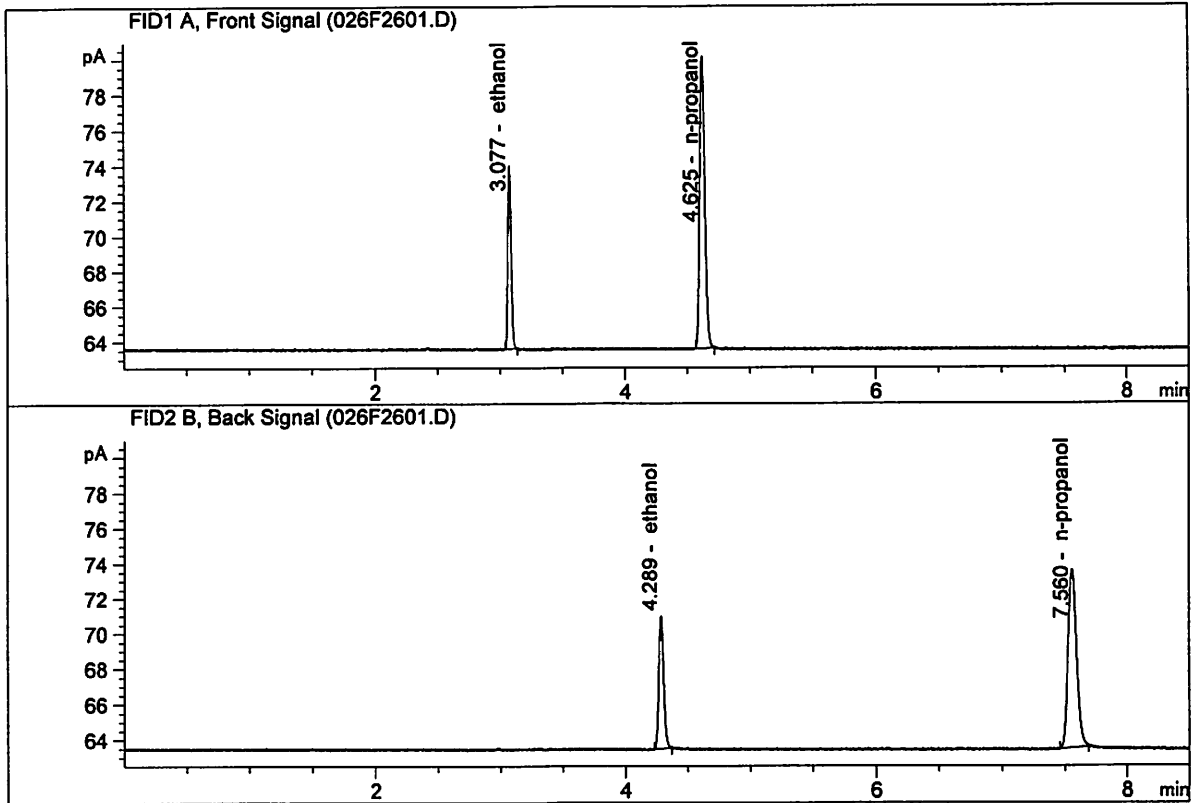


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.13908	0.2064	g/100cc
2.	Ethanol	Column 2:	19.91025	0.2046	g/100cc
3.	n-Propanol	Column 1:	46.88141	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.44122	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.07060	0.2053	g/100cc
2.	Ethanol	Column 2:	19.92465	0.2047	g/100cc
3.	n-Propanol	Column 1:	46.96985	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.45047	1.0000	g/100cc

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## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2

Analysis Date(s): 30 Jan 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0817	0.0826	0.0009	0.0821	0.0819	
(g/100cc)	0.0811	0.0825	0.0014	0.0818		

### Analysis Method

Refer to Blood Alcohol Method #1

### Instrument Information

*Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m  
Hamilton Auto-Dilutor Serial Number: ML600HC11378

### Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.081	0.076	0.086	0.005

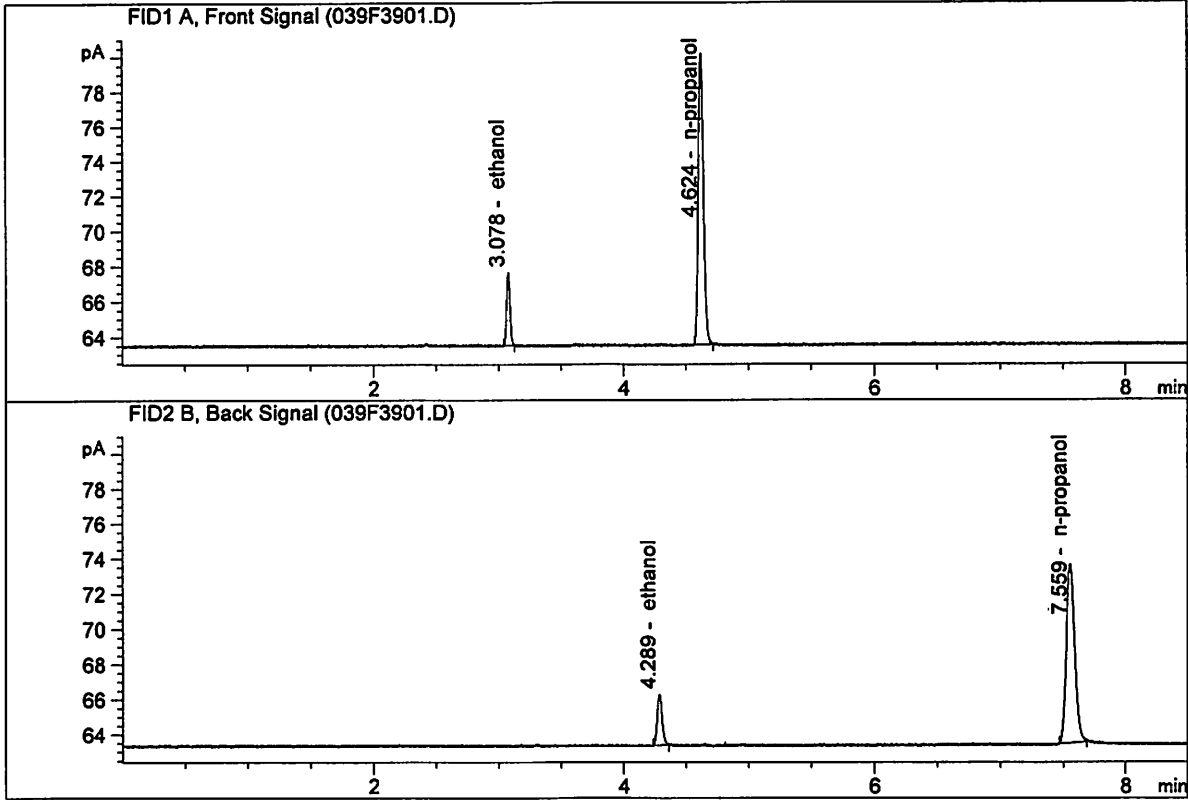
	Reported Result	
	0.081	

*Calibration and control data are stored centrally.*

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

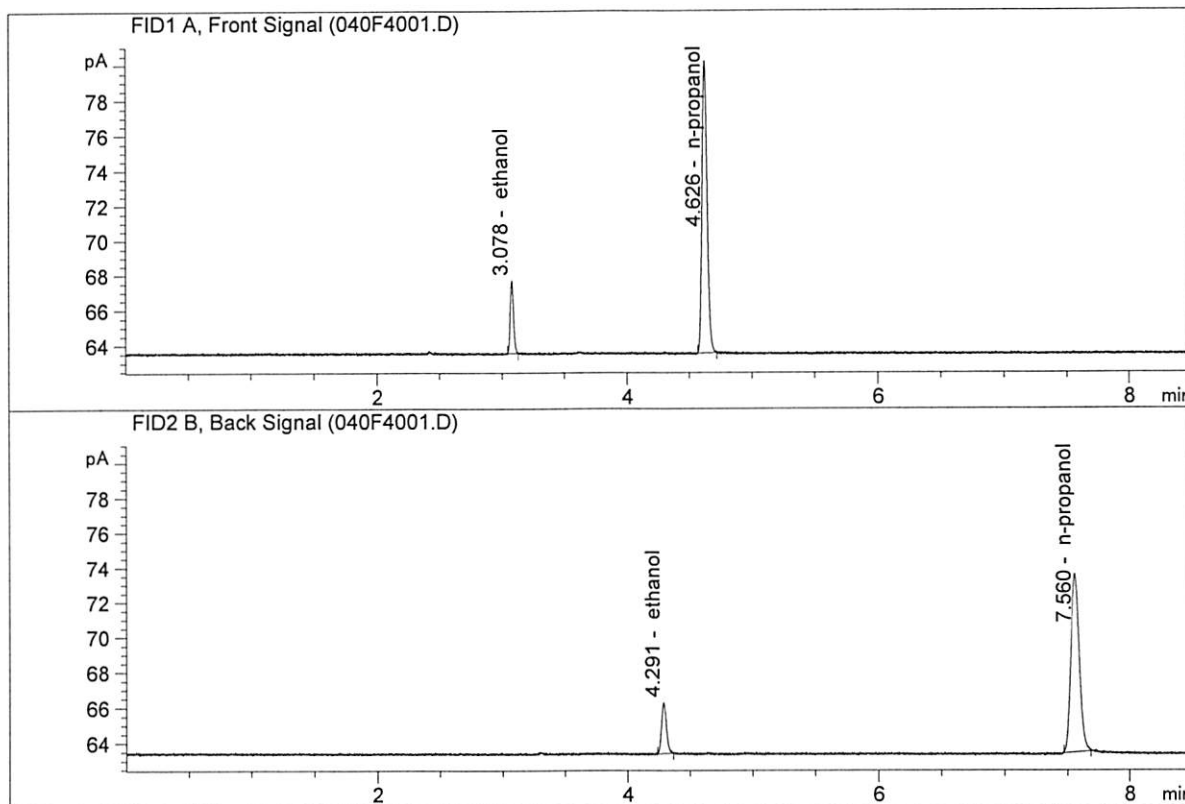


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.63429	0.0817	g/100cc
2.	Ethanol	Column 2:	7.78618	0.0826	g/100cc
3.	n-Propanol	Column 1:	47.30959	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.48426	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



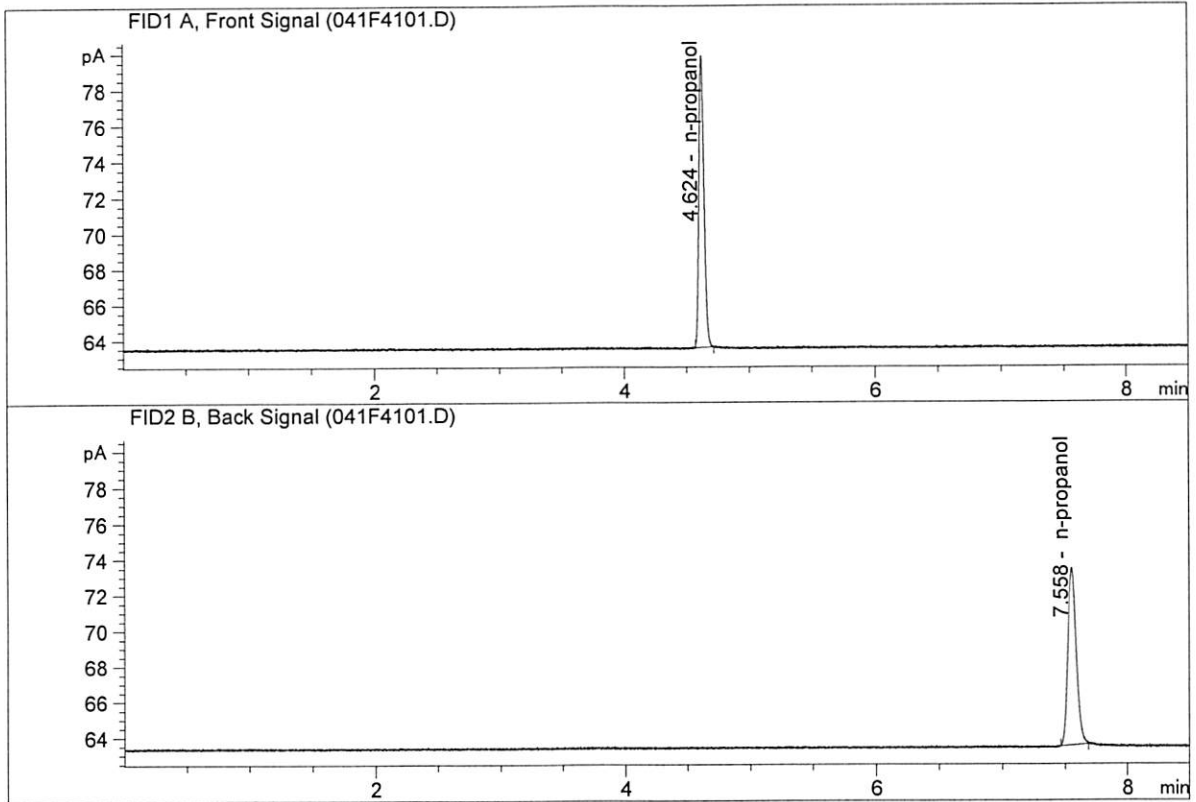
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.56296	0.0811	g/100cc
2.	Ethanol	Column 2:	7.76196	0.0825	g/100cc
3.	n-Propanol	Column 1:	47.21261	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.40792	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 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:	46.32752	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.57830	1.0000	g/100cc

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

Sequence table: C:\Chem32\1\Data\01-30-19\_SAMPLES\01-30-19\_SAMPLES 2019-01-30 11-50-45\01-30-19\_SAMPLES.S  
 Data directory path: C:\Chem32\1\Data\01-30-19\_SAMPLES\01-30-19\_SAMPLES 2019-01-30 11-50-45\  
 Logbook: C:\Chem32\1\Data\01-30-19\_SAMPLES\01-30-19\_SAMPLES 2019-01-30 11-50-45\01-30-19\_SAMPLES.LOG  
 Sequence start: 1/30/2019 12:05:28 PM  
 Sequence Operator: SYSTEM  
 Operator: SYSTEM  
 Method file name: C:\Chem32\1\Data\01-30-19\_SAMPLES\01-30-19\_SAMPLES 2019-01-30 11-50-45\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	Cmp
1	1	1	INTERNAL STD BLK	-	1.0000	001F0101.D		2
2	2	1	MIX VOL FN060415	-	1.0000	002F0201.D		10
3	3	1	QC1-1-A	-	1.0000	003F0301.D		4
4	4	1	QC1-1-B	-	1.0000	004F0401.D		4
5	5	1	0.08 FN04171701-	-	1.0000	005F0501.D		4
6	6	1	0.08 FN04171701-	-	1.0000	006F0601.D		4
7	7	1	M2019-0332-2-A	-	1.0000	007F0701.D		2
8	8	1	M2019-0332-2-B	-	1.0000	008F0801.D		2
9	9	1	M2019-0419-1-A	-	1.0000	009F0901.D		4
10	10	1	M2019-0419-1-B	-	1.0000	010F1001.D		4
11	11	1	M2019-0420-1-A	-	1.0000	011F1101.D		4
12	12	1	M2019-0420-1-B	-	1.0000	012F1201.D		4
13	13	1	M2019-0421-1-A	-	1.0000	013F1301.D		4
14	14	1	M2019-0421-1-B	-	1.0000	014F1401.D		4
15	15	1	M2019-0422-1-A	-	1.0000	015F1501.D		4
16	16	1	M2019-0422-1-B	-	1.0000	016F1601.D		4
17	17	1	M2019-0464-1-A	-	1.0000	017F1701.D		4
18	18	1	M2019-0464-1-B	-	1.0000	018F1801.D		4
19	19	1	M2019-0469-1-A	-	1.0000	019F1901.D		4
20	20	1	M2019-0469-1-B	-	1.0000	020F2001.D		4
21	21	1	M2019-0476-1-A	-	1.0000	021F2101.D		4
22	22	1	M2019-0476-1-B	-	1.0000	022F2201.D		4
23	23	1	M2019-0478-1-A	-	1.0000	023F2301.D		4
24	24	1	M2019-0478-1-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	M2019-0479-1-A	-	1.0000	027F2701.D		2
28	28	1	M2019-0479-1-B	-	1.0000	028F2801.D		2
29	29	1	M2019-0480-1-A	-	1.0000	029F2901.D		2
30	30	1	M2019-0480-1-B	-	1.0000	030F3001.D		2
31	31	1	M2019-0495-1-A	-	1.0000	031F3101.D		4
32	32	1	M2019-0495-1-B	-	1.0000	032F3201.D		4
33	33	1	M2019-0496-1-A	-	1.0000	033F3301.D		4
34	34	1	M2019-0496-1-B	-	1.0000	034F3401.D		4
35	35	1	M2019-0498-1-A	-	1.0000	035F3501.D		4
36	36	1	M2019-0498-1-B	-	1.0000	036F3601.D		4
37	37	1	M2019-0535-1-A	-	1.0000	037F3701.D		4
38	38	1	M2019-0535-1-B	-	1.0000	038F3801.D		4
39	39	1	QC1-2-A	-	1.0000	039F3901.D		4
40	40	1	QC1-2-B	-	1.0000	040F4001.D		4
41	41	1	INTERNAL STD BLK	-	1.0000	041F4101.D		2

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Method file name: C:\Chem32\1\Data\01-30-19\_SAMPLES\01-30-19\_SAMPLES 2019-01-30 11-50-45  
\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	Cmp
42	42	1	EMPTY	-	1.0000	042F4201.D		0

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Calibration Table  
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-----  
General Calibration Setting  
-----

Calib. Data Modified : Wednesday, January 30, 2019 11:25:09 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

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Signal Details  
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Signal 1: FID1 A, Front Signal  
Signal 2: FID2 B, Back Signal  
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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	4.55314	1.09814e-2	No	No 1	ethanol
			1.00000e-1	9.30714	1.07444e-2			
			2.00000e-1	18.70363	1.06931e-2			
			3.00000e-1	27.93333	1.07399e-2			
			5.00000e-1	46.11352	1.08428e-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	4.63824	1.07800e-2	No	No 2	ethanol
			1.00000e-1	9.64357	1.03696e-2			
			2.00000e-1	19.49057	1.02614e-2			
			3.00000e-1	29.51318	1.01650e-2			
			5.00000e-1	48.91913	1.02210e-2			
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No 1	acetone
4.620	1	1	1.00000	45.23009	2.21092e-2	No	Yes 1	n-propanol
			1.00000	47.31838	2.11334e-2			
			1.00000	47.36588	2.11122e-2			
			1.00000	47.23628	2.11702e-2			
			1.00000	46.53499	2.14892e-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	47.34946	2.11196e-2	No	Yes 2	n-propanol
			1.00000	49.38498	2.02491e-2			
			1.00000	49.03838	2.03922e-2			
			1.00000	48.75666	2.05100e-2			
			1.00000	47.96609	2.08481e-2			

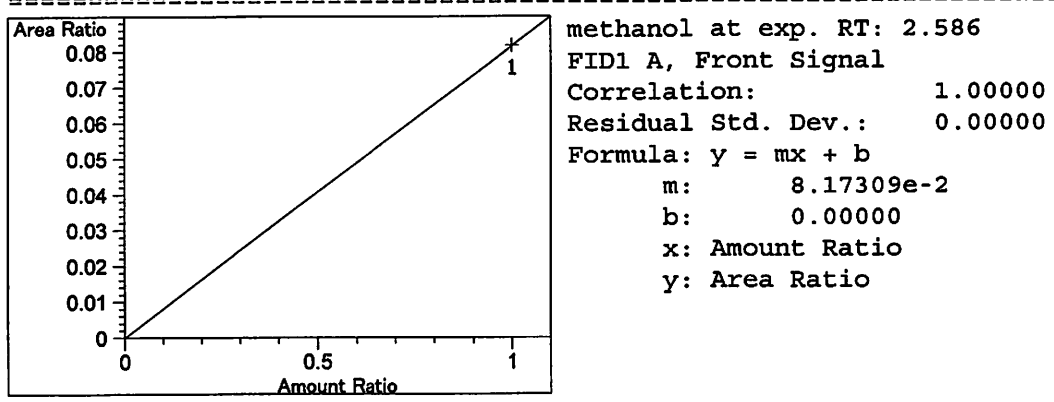
Peak Sum Table

\*\*\*No Entries in table\*\*\*

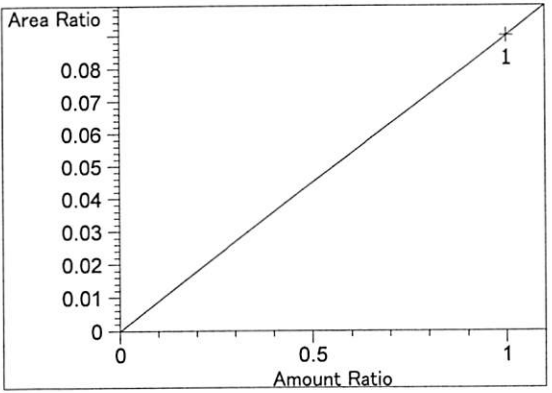
1 Warnings or Errors :

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

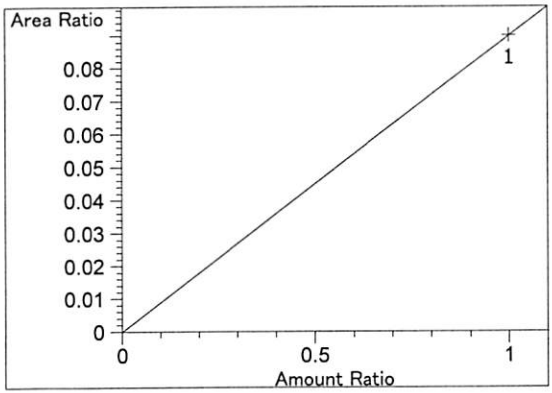
Calibration Curves



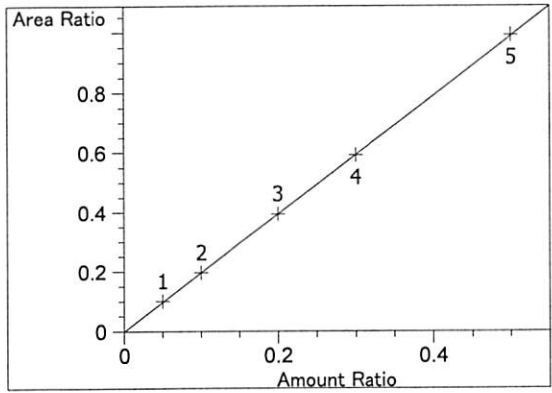
16



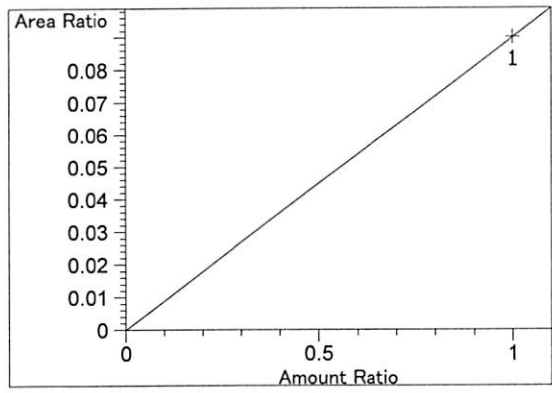
Acetaldehyde at exp. RT: 2.809  
FID1 A, Front Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 8.99905e-2  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio



Acetaldehyde at exp. RT: 2.977  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 8.99905e-2  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio

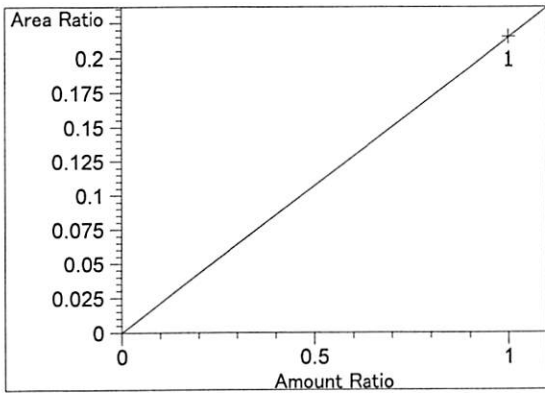


ethanol at exp. RT: 3.075  
FID1 A, Front Signal  
Correlation: 0.99999  
Residual Std. Dev.: 0.00203  
Formula:  $y = mx + b$   
m: 1.97979  
b: -4.45823e-4  
x: Amount Ratio  
y: Area Ratio

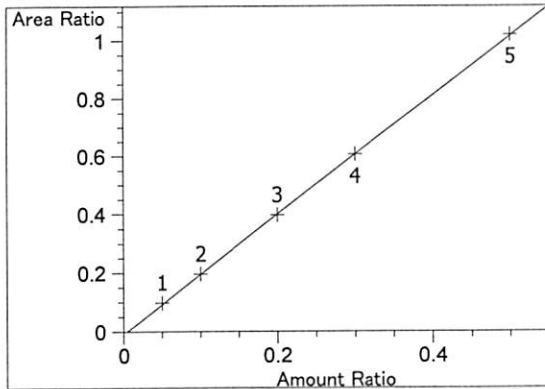


methanol at exp. RT: 3.388  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 8.99825e-2  
b: 0.00000  
x: Amount Ratio  
y: Area Ratio

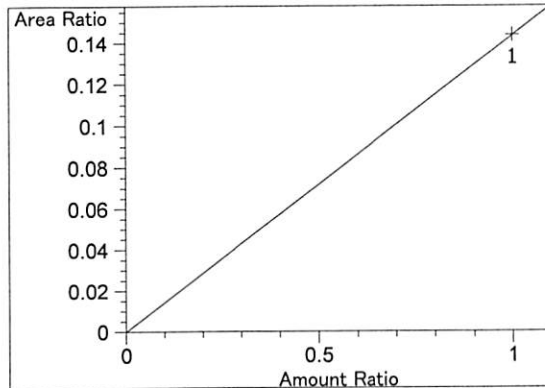
JK



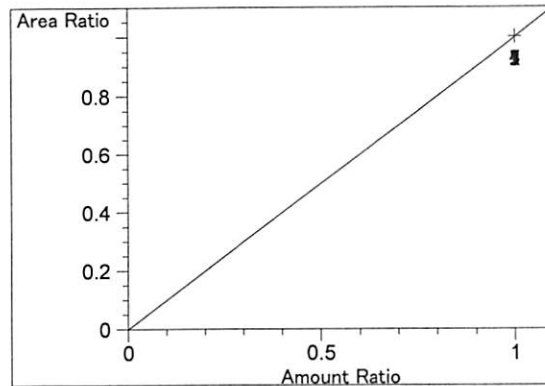
isopropyl alcohol at exp. RT: 3.628  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 2.15134e-1  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio



ethanol at exp. RT: 4.285  
 FID2 B, Back Signal  
 Correlation: 0.99996  
 Residual Std. Dev.: 0.00387  
 Formula:  $y = mx + b$   
 m: 2.05309  
 b: -9.03588e-3  
 x: Amount Ratio  
 y: Area Ratio

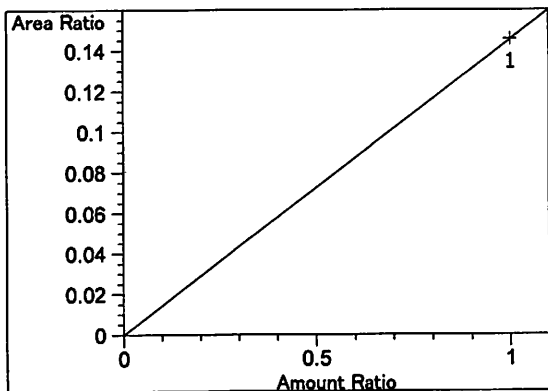


acetone at exp. RT: 4.308  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 1.43696e-1  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

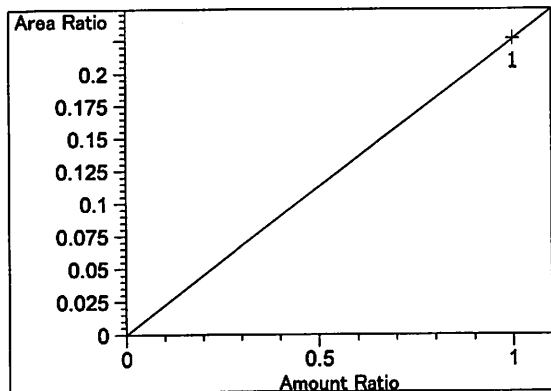


n-propanol at exp. RT: 4.620  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx + b$   
 m: 1.00000  
 b: 0.00000  
 x: Amount Ratio  
 y: Area Ratio

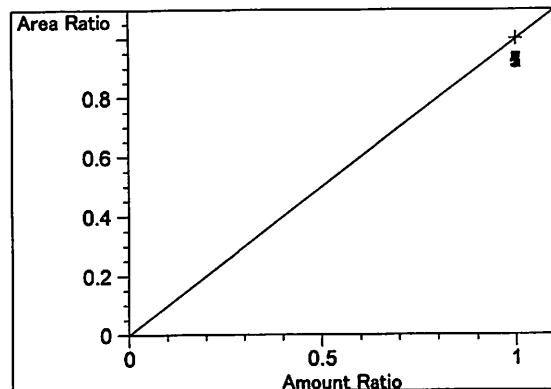
JK



acetone at exp. RT: 4.661  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx + b$   
m: 1.45577e-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: 2.26115e-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

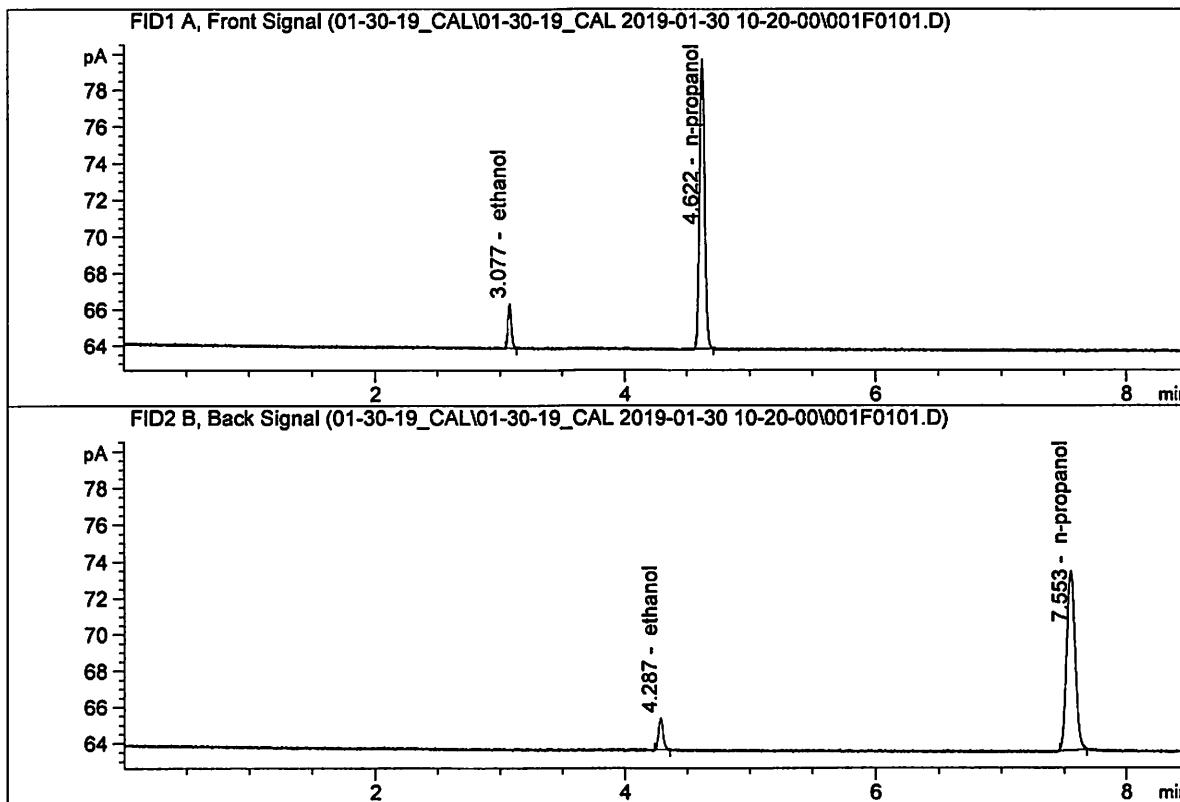
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JK



ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN04271601  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

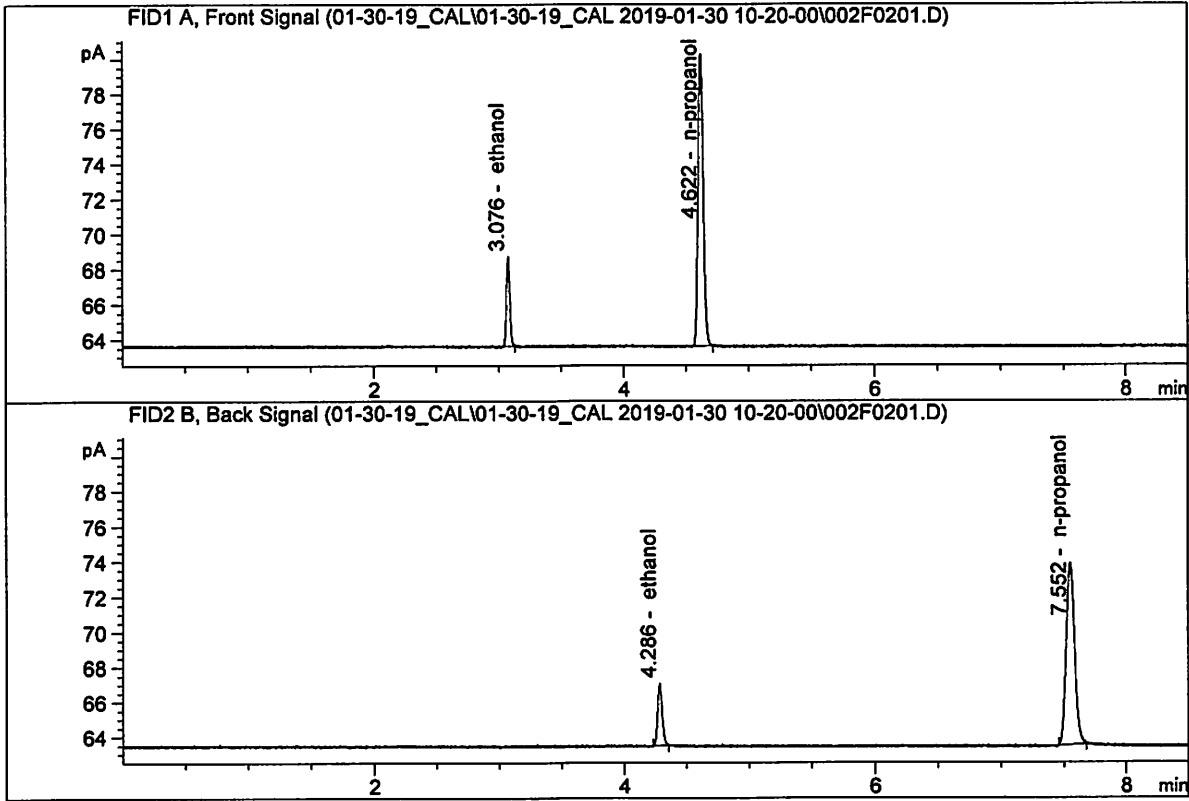


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.55314	0.0511	g/100cc
2.	Ethanol	Column 2:	4.63824	0.0521	g/100cc
3.	n-Propanol	Column 1:	45.23009	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.34946	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN08101601  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167

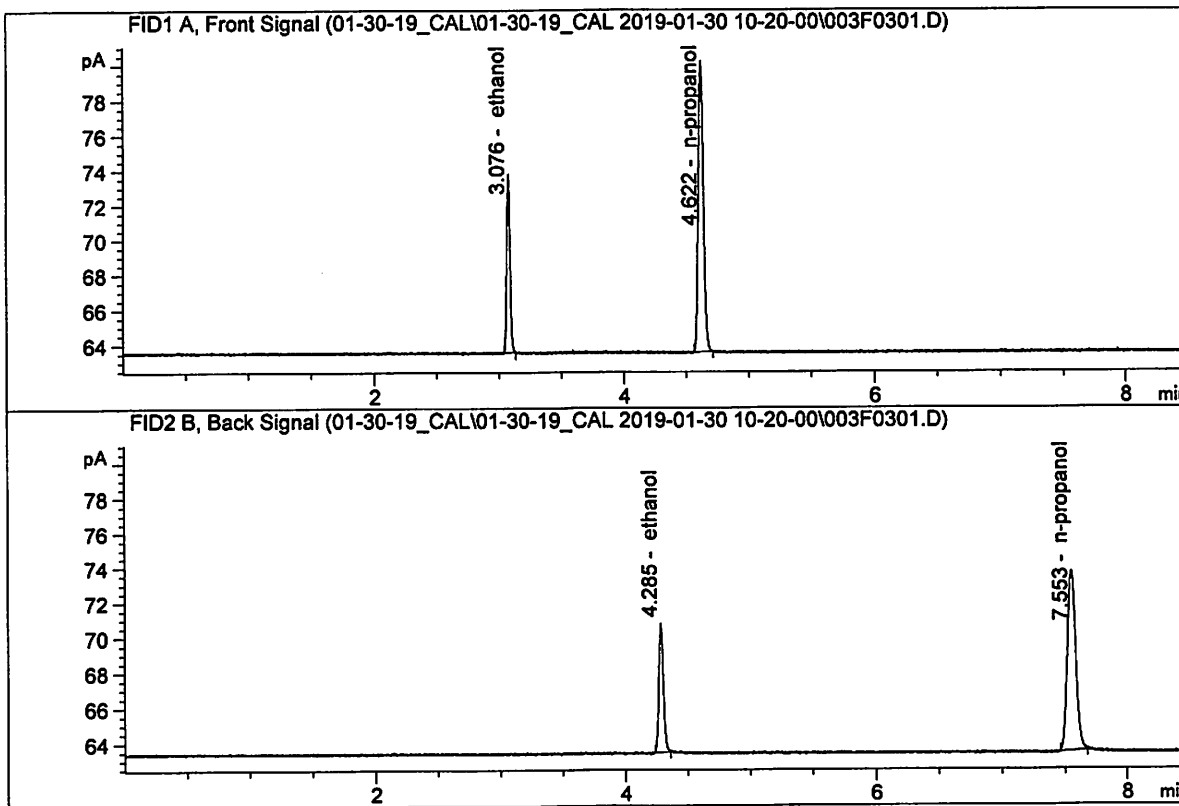


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.30714	0.0996	g/100cc
2.	Ethanol	Column 2:	9.64357	0.0995	g/100cc
3.	n-Propanol	Column 1:	47.31838	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.38498	1.0000	g/100cc

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ISP Forensic Services Blood Alcohol Report

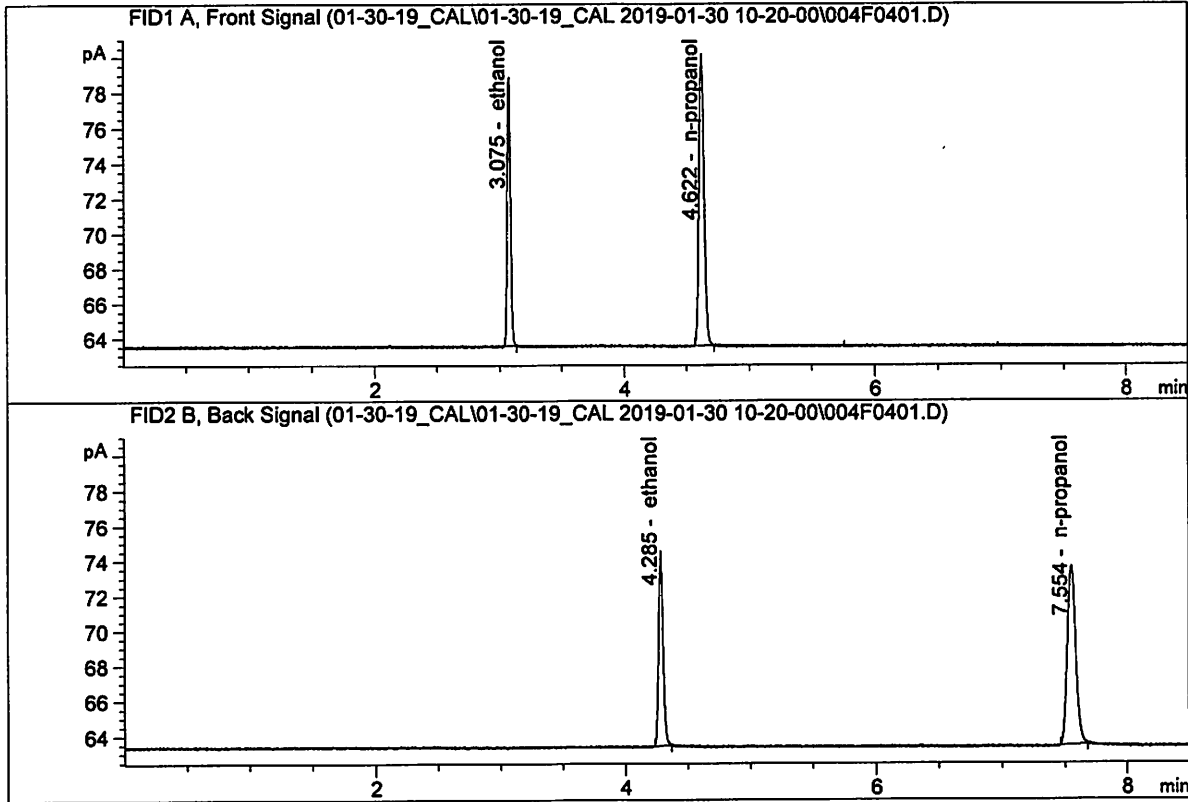
Sample Name : 0.200 FN03301601  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014 - CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.70363	0.1997	g/100cc
2.	Ethanol	Column 2:	19.49057	0.1980	g/100cc
3.	n-Propanol	Column 1:	47.36588	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.03838	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

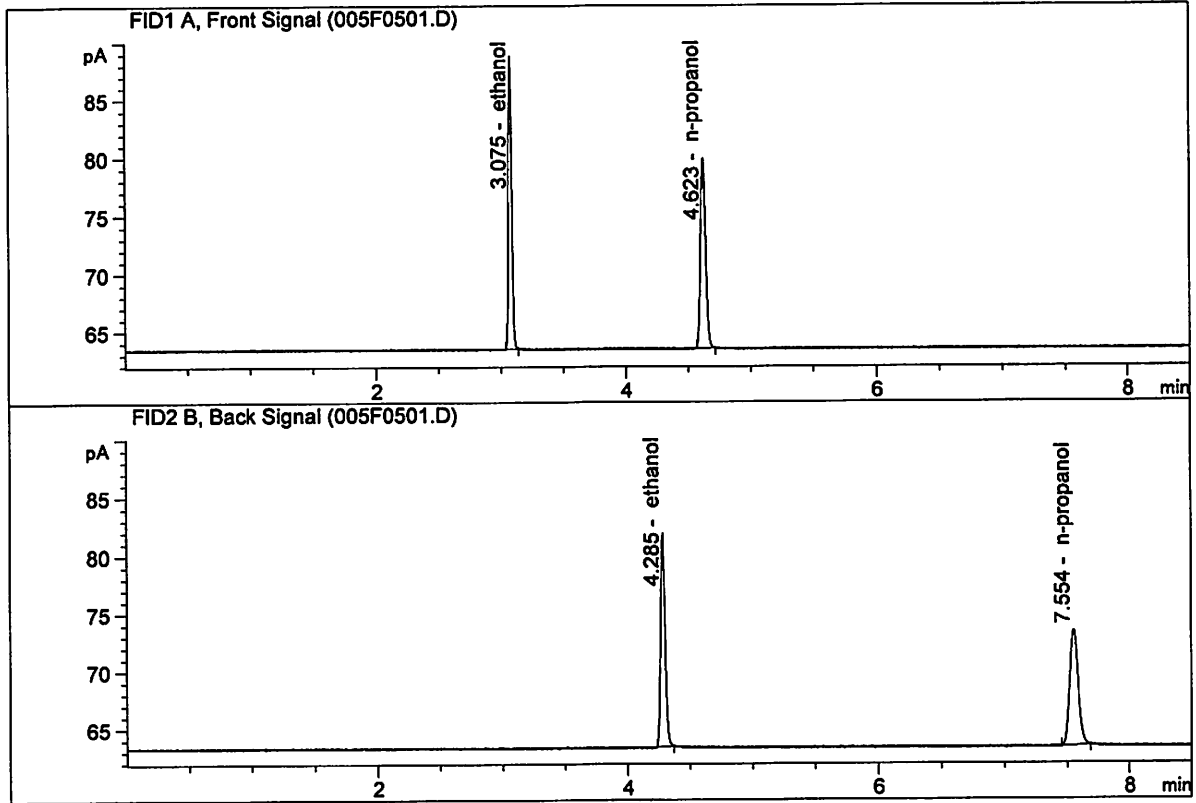
Sample Name : 0.300 FN06051501  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.93333	0.2989	g/100cc
2.	Ethanol	Column 2:	29.51318	0.2992	g/100cc
3.	n-Propanol	Column 1:	47.23628	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.75666	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

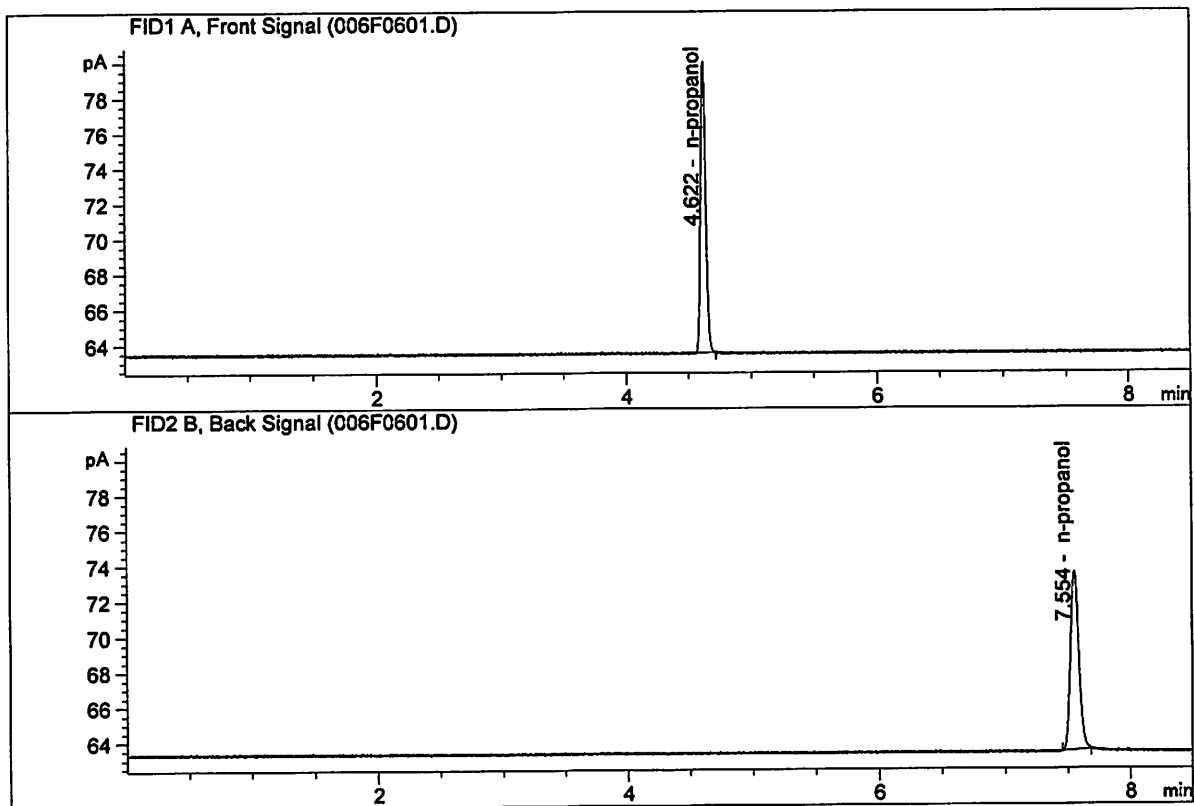
Sample Name : 0.500 FN08031602  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	46.11352	0.5008	g/100cc
2.	Ethanol	Column 2:	48.91913	0.5012	g/100cc
3.	n-Propanol	Column 1:	46.53499	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.96609	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK  
 Laboratory : Meridian  
 Injection Date : Jan 30, 2019  
 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:	46.96679	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.51201	1.0000	g/100cc

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

Sequence table: C:\Chem32\1\Data\01-30-19\_CAL\01-30-19\_CAL 2019-01-30 10-20-00\01-30-19\_CAL.S  
 Data directory path: C:\Chem32\1\Data\01-30-19\_CAL\01-30-19\_CAL 2019-01-30 10-20-00\  
 Logbook: C:\Chem32\1\Data\01-30-19\_CAL\01-30-19\_CAL 2019-01-30 10-20-00\01-30-19\_CAL.LOG  
 Sequence start: 1/30/2019 10:34:37 AM  
 Sequence Operator: SYSTEM  
 Operator: SYSTEM

Method file name: C:\Chem32\1\Data\01-30-19\_CAL\01-30-19\_CAL 2019-01-30 10-20-00\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
1	1	1	0.050 FN04271601	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN08101601	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN03301601	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN06051501	-	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

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