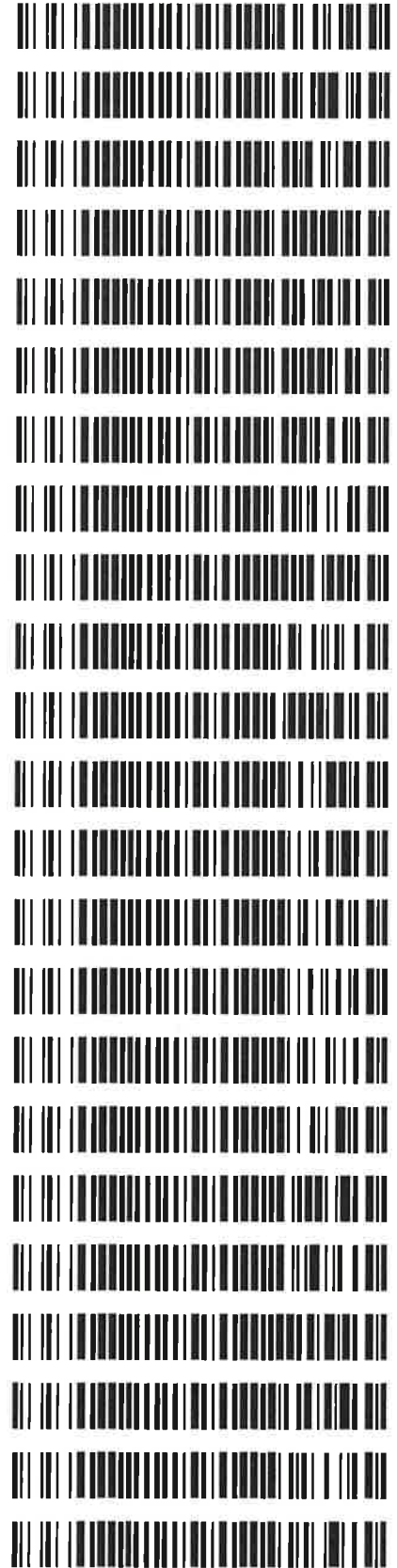


Worklist: 3508

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
P2019-1781	2	154418	Alcohol Analysis
P2019-1789	1	154447	Alcohol Analysis
P2019-1790	1	154451	Alcohol Analysis
P2019-1791	1	154455	Alcohol Analysis
P2019-1792	1	154456	Alcohol Analysis
P2019-1793	1	154461	Alcohol Analysis
P2019-1793	2	154465	Alcohol Analysis
P2019-1796	1	154471	Alcohol Analysis
P2019-1806	1	154517	Alcohol Analysis
P2019-1822	1	154585	Alcohol Analysis
P2019-1830	1	154601	Alcohol Analysis
P2019-1848	1	154671	Alcohol Analysis
P2019-1849	1	154675	Alcohol Analysis
P2019-1850	1	154676	Alcohol Analysis
P2019-1851	1	154677	Alcohol Analysis
P2019-1860	1	154704	Alcohol Analysis
P2019-1862	1	154708	Alcohol Analysis
P2019-1872	1	154767	Alcohol Analysis
P2019-1881	1	154786	Alcohol Analysis
P2019-1885	1	154870	Alcohol Analysis
P2019-1887	1	154968	Alcohol Analysis
P2019-1896	1	155148	Alcohol Analysis
P2019-1897	1	155152	Alcohol Analysis



**Worklist: 3508**

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
P2019-1904	1	155178	Alcohol Analysis
P2019-1905	1	155179	Alcohol Analysis



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

*Analytical Method(s): 1.0*

*Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: MD96JF1032*

**Volatiles Quality Assurance Controls**

**Run Date(s): 06/26/19**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0747 g/100cc
					0.0756 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1898 g/100cc 0.1944 g/100cc g/100cc
Multi-Component mixture:			Lot #		
Curve Fit:		Column 1	0.99998	Column 2	0.99985
			11918		

Ethanol Calibration Reference Material						
Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0521	0.0487	0.0034	0.0504
100	0.100	0.090 - 0.110	0.0997	0.0952	0.0045	0.0974
200	0.200	0.180 - 0.220	0.1999	0.1954	0.0045	0.1976
300	0.300	0.270 - 0.330	0.2972	0.2943	0.0029	0.2957
500	0.500	0.450 - 0.550	0.5016	0.5064	0.0048	0.504

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

Revision: 1

Issue Date: 01/03/2019

Issuing Authority: Quality Manager

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

Calib. Data Modified : Wednesday, June 26, 2019 12:02:42 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 : No recalibration if peaks missing

Curve Type : Linear  
Origin : Forced  
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 Name

# [g/100cc]

1	1.00000	n-Propanol
2	1.00000	n-Propanol

-----  
Signal Details  
-----

Signal 1: FID1 A, Front Signal

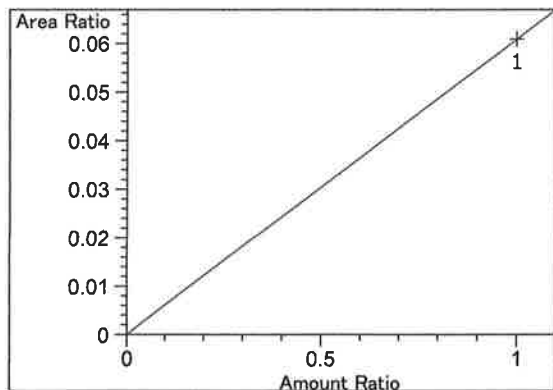
Signal 2: FID2 B, Back Signal  
----------  
Overview Table  
-----

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD #	Compound
2.311	2	1	1.00000	6.45200	1.54991e-1	No	No 2	Fluorinated ethane
2.365	1	1	1.00000	1.84105	5.43168e-1	No	No 1	Fluorinated ethane
2.685	1	1	1.00000	3.69669	2.70512e-1	No	No 1	Methanol
2.950	2	1	1.00000	11.54700	8.66026e-2	No	No 2	Acetaldehyde
2.975	1	1	1.00000	10.52400	9.50209e-2	No	No 1	Acetaldehyde
3.319	1	1	5.00000e-2	11.85975	4.21594e-3	No	No 1	Ethanol
		2	1.00000e-1	20.79809	4.80813e-3			
		3	2.00000e-1	44.31066	4.51359e-3			
		4	3.00000e-1	68.53484	4.37734e-3			
		5	5.00000e-1	106.26110	4.70539e-3			
3.372	2	1	1.00000	4.26062	2.34707e-1	No	No 2	Methanol
3.993	1	1	1.00000	9.73055	1.02769e-1	No	No 1	Isopropyl alcohol
4.320	2	1	5.00000e-2	10.51890	4.75335e-3	No	No 2	Ethanol
		2	1.00000e-1	18.77987	5.32485e-3			
		3	2.00000e-1	40.63504	4.92186e-3			
		4	3.00000e-1	63.44697	4.72836e-3			
		5	5.00000e-1	99.55391	5.02240e-3			
4.704	2	1	1.00000	6.89301	1.45075e-1	No	No 2	Acetone
4.853	1	1	1.00000	6.49940	1.53860e-1	No	No 1	Acetone
5.050	2	1	1.00000	10.70642	9.34019e-2	No	No 2	Isopropyl alcohol
5.262	1	1	1.00000	112.05837	8.92392e-3	No	Yes 1	n-Propanol
		2	1.00000	102.60221	9.74638e-3			
		3	1.00000	109.06200	9.16910e-3			
		4	1.00000	113.46056	8.81364e-3			
		5	1.00000	104.24110	9.59314e-3			
		6	1.00000	111.45872	8.97193e-3			
7.752	2	1	1.00000	105.92115	9.44099e-3	No	Yes 2	n-Propanol
		2	1.00000	96.63782	1.03479e-2			
		3	1.00000	101.93345	9.81032e-3			
		4	1.00000	105.66002	9.46432e-3			
		5	1.00000	96.35448	1.03783e-2			
		6	1.00000	113.50471	8.81021e-3			
11.631	2	1	1.00000	864.84247	1.15628e-3	No	No 2	Toluene
12.229	1	1	1.00000	918.48389	1.08875e-3	No	No 1	Toluene

Peak Sum Table

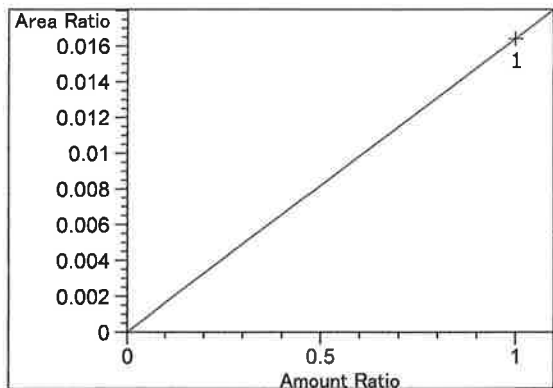
\*\*\*No Entries in table\*\*\*

Calibration Curves

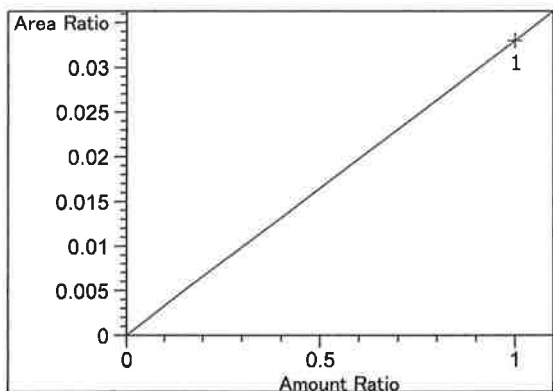


Fluorinated ethane at exp. RT: 2.311  
 FID2 B, Back Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx$   
 m: 6.09132e-2  
 x: Amount Ratio  
 y: Area Ratio

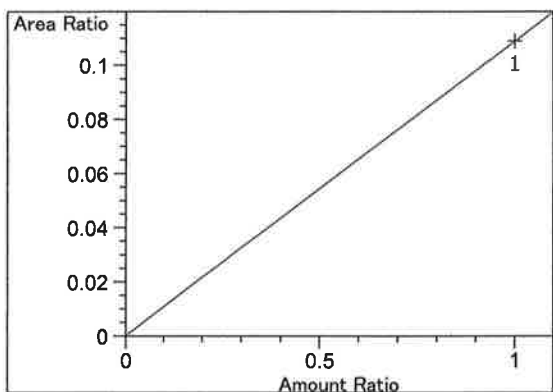
*HC*



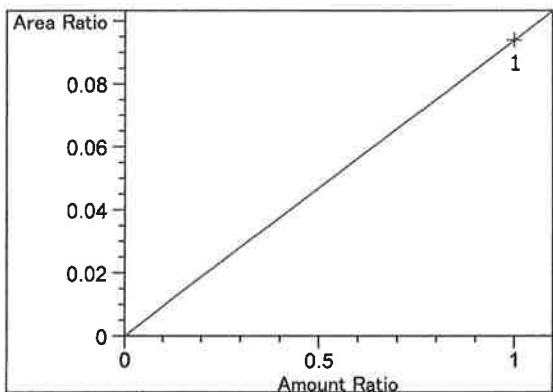
Fluorinated ethane at exp. RT: 2.365  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx$   
 m:  $1.64294e-2$   
 x: Amount Ratio  
 y: Area Ratio



Methanol at exp. RT: 2.685  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx$   
 m:  $3.29890e-2$   
 x: Amount Ratio  
 y: Area Ratio

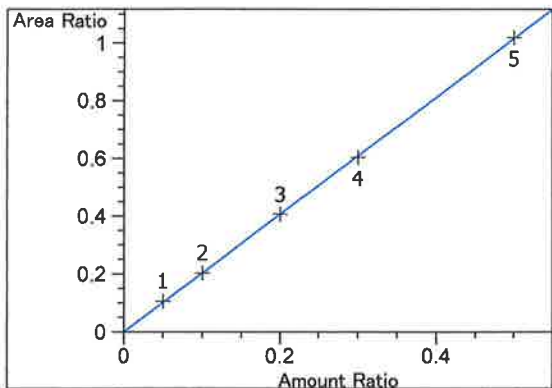


Acetaldehyde at exp. RT: 2.950  
 FID2 B, Back Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx$   
 m:  $1.09015e-1$   
 x: Amount Ratio  
 y: Area Ratio



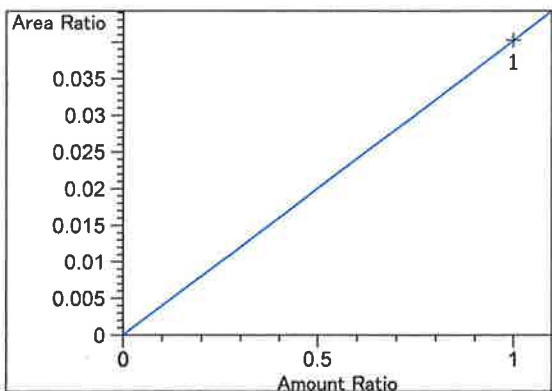
Acetaldehyde at exp. RT: 2.975  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx$   
 m:  $9.39153e-2$   
 x: Amount Ratio  
 y: Area Ratio

*AC*

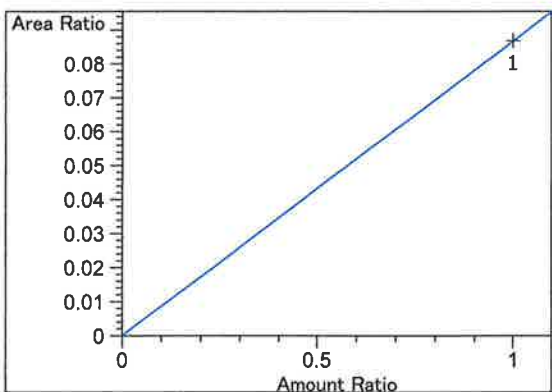


Ethanol at exp. RT: 3.319  
 FID1 A, Front Signal  
 Correlation: 0.99998  
 Residual Std. Dev.: 0.00389  
 Formula:  $y = mx$   
 m: 2.03241  
 x: Amount Ratio  
 y: Area Ratio

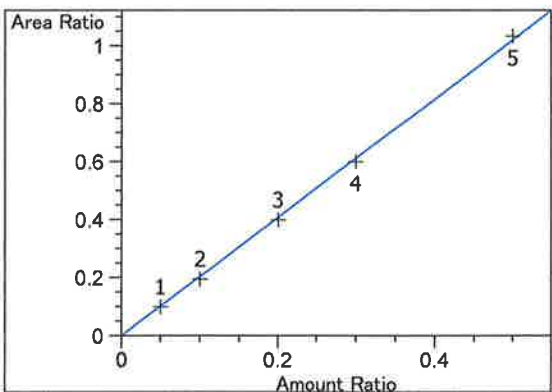
✓  
 RC



Methanol at exp. RT: 3.372  
 FID2 B, Back Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx$   
 m: 4.02245e-2  
 x: Amount Ratio  
 y: Area Ratio



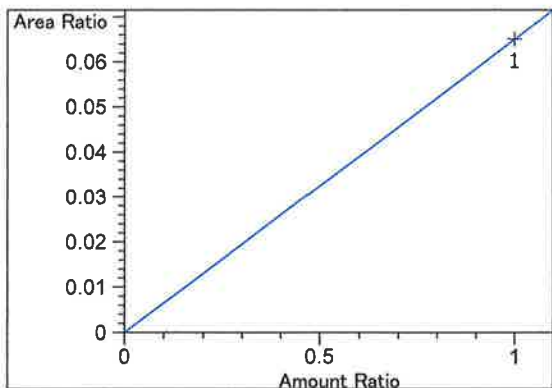
Isopropyl alcohol at exp. RT: 3.993  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx$   
 m: 8.68347e-2  
 x: Amount Ratio  
 y: Area Ratio



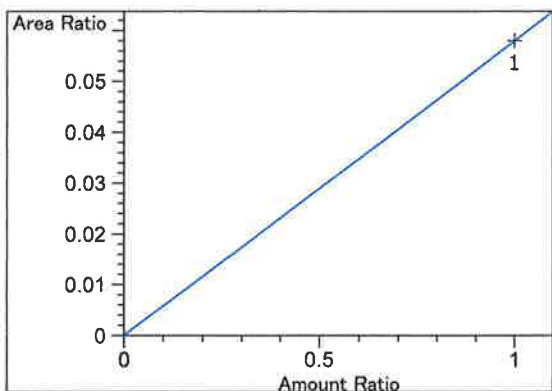
Ethanol at exp. RT: 4.320  
 FID2 B, Back Signal  
 Correlation: 0.99985  
 Residual Std. Dev.: 0.01113  
 Formula:  $y = mx$   
 m: 2.04044  
 x: Amount Ratio  
 y: Area Ratio

✓  
 RC

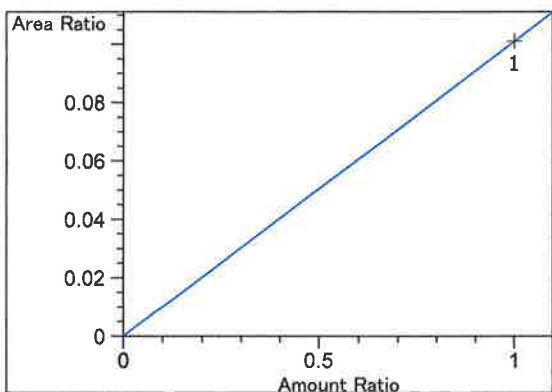
RC



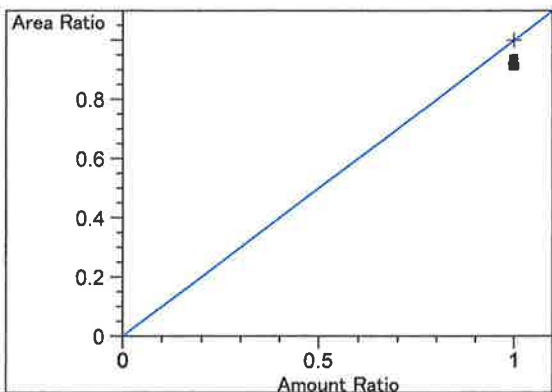
Acetone at exp. RT: 4.704  
 FID2 B, Back Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx$   
 m:  $6.50768e-2$   
 x: Amount Ratio  
 y: Area Ratio



Acetone at exp. RT: 4.853  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx$   
 m:  $5.80001e-2$   
 x: Amount Ratio  
 y: Area Ratio

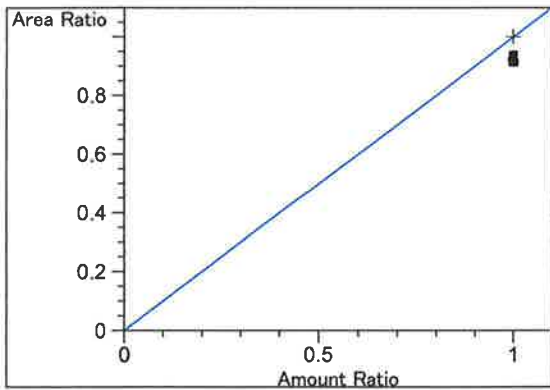


Isopropyl alcohol at exp. RT: 5.050  
 FID2 B, Back Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx$   
 m:  $1.01079e-1$   
 x: Amount Ratio  
 y: Area Ratio

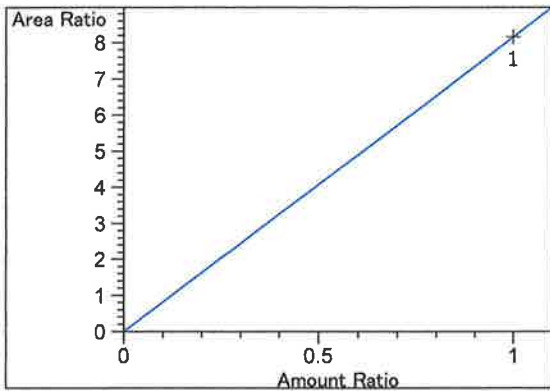


n-Propanol at exp. RT: 5.262  
 FID1 A, Front Signal  
 Correlation: 1.00000  
 Residual Std. Dev.: 0.00000  
 Formula:  $y = mx$   
 m: 1.00000  
 x: Amount Ratio  
 y: Area Ratio

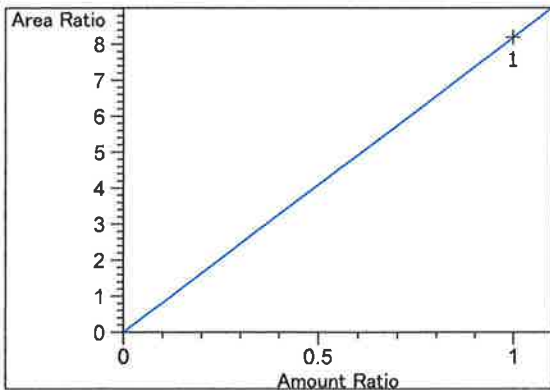




n-Propanol at exp. RT: 7.752  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx$   
m: 1.00000  
x: Amount Ratio  
y: Area Ratio



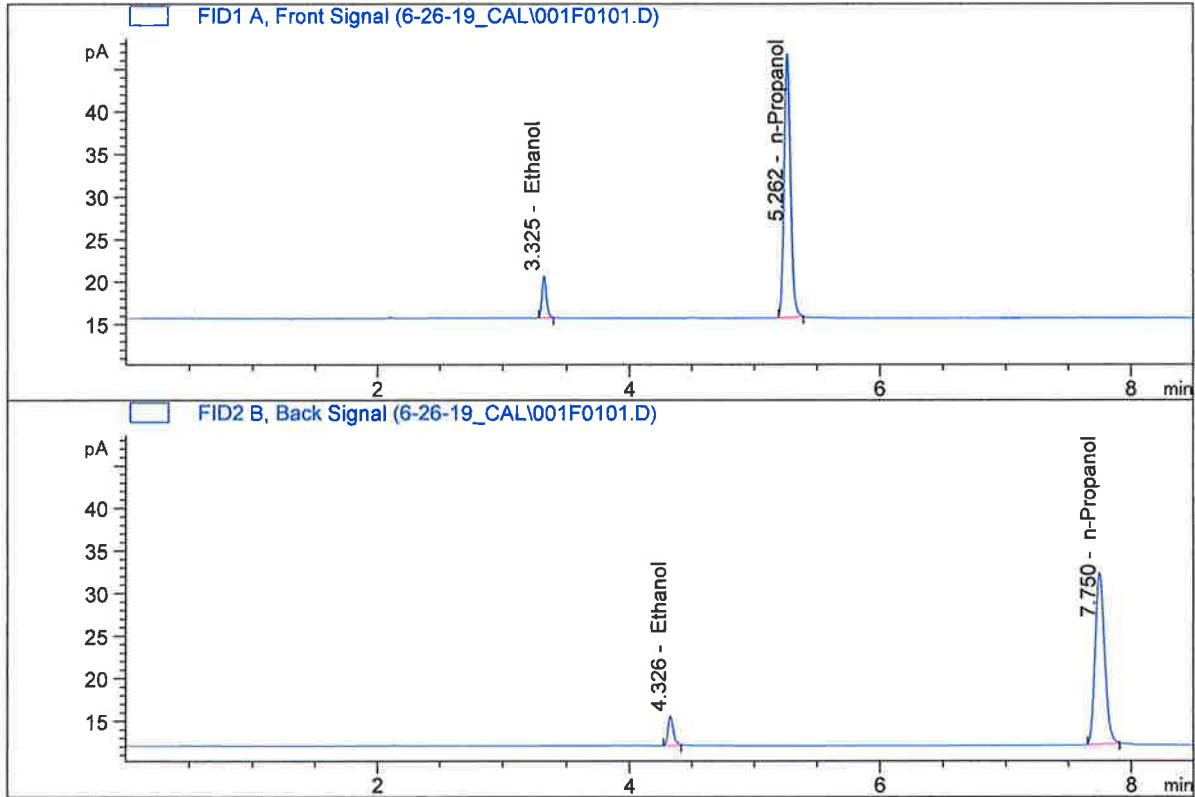
Toluene at exp. RT: 11.631  
FID2 B, Back Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx$   
m: 8.16496  
x: Amount Ratio  
y: Area Ratio



Toluene at exp. RT: 12.229  
FID1 A, Front Signal  
Correlation: 1.00000  
Residual Std. Dev.: 0.00000  
Formula:  $y = mx$   
m: 8.19648  
x: Amount Ratio  
y: Area Ratio

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010

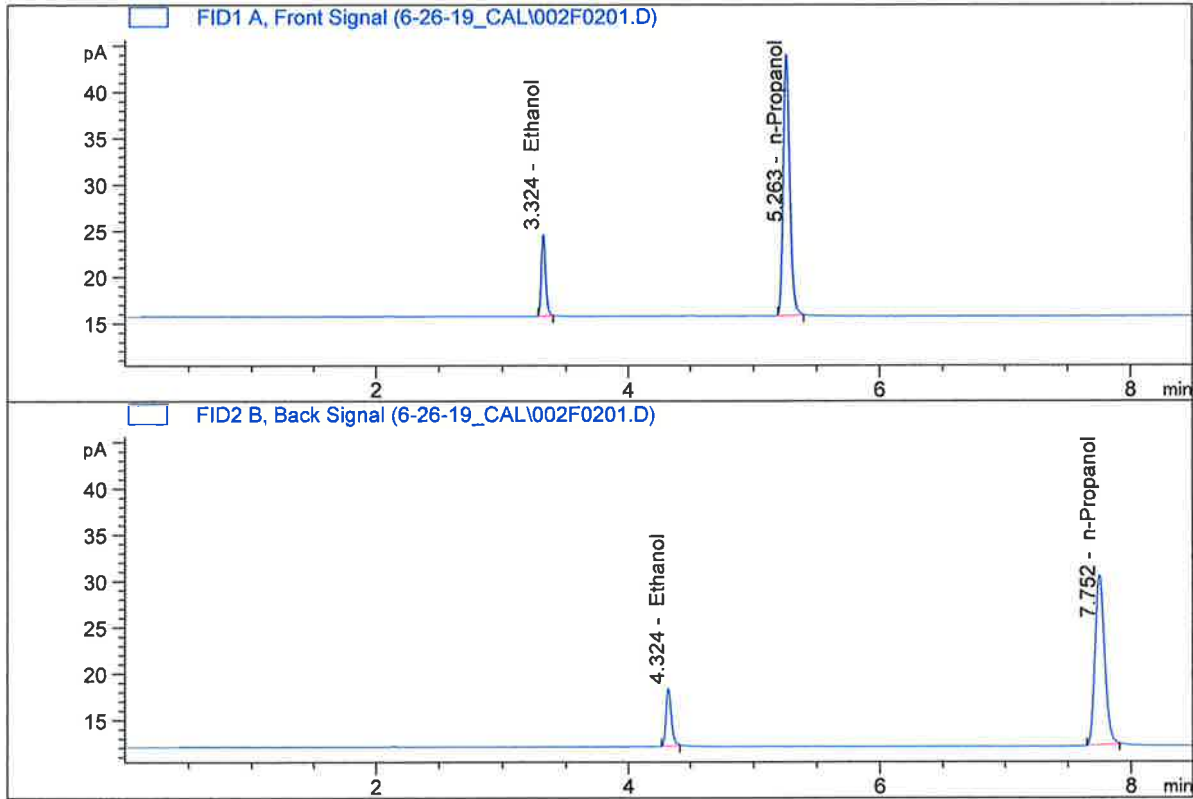


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	11.85975	0.0521	g/100cc
2.	Ethanol	Column 2:	10.51890	0.0487	g/100cc
3.	n-Propanol	Column 1:	112.05837	1.0000	g/100cc
4.	n-Propanol	Column 2:	105.92115	1.0000	g/100cc

*HC*

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010

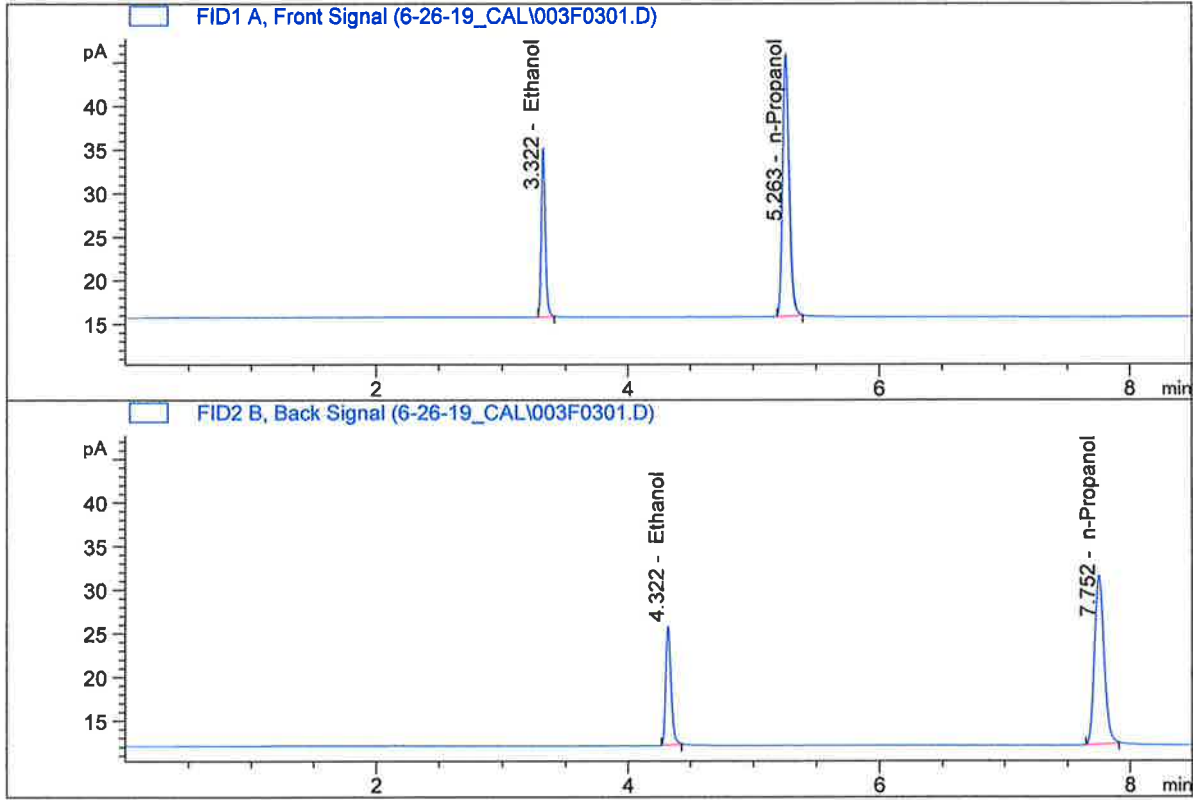


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	20.79809	0.0997	g/100cc
2.	Ethanol	Column 2:	18.77987	0.0952	g/100cc
3.	n-Propanol	Column 1:	102.60221	1.0000	g/100cc
4.	n-Propanol	Column 2:	96.63782	1.0000	g/100cc

*AC*

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010

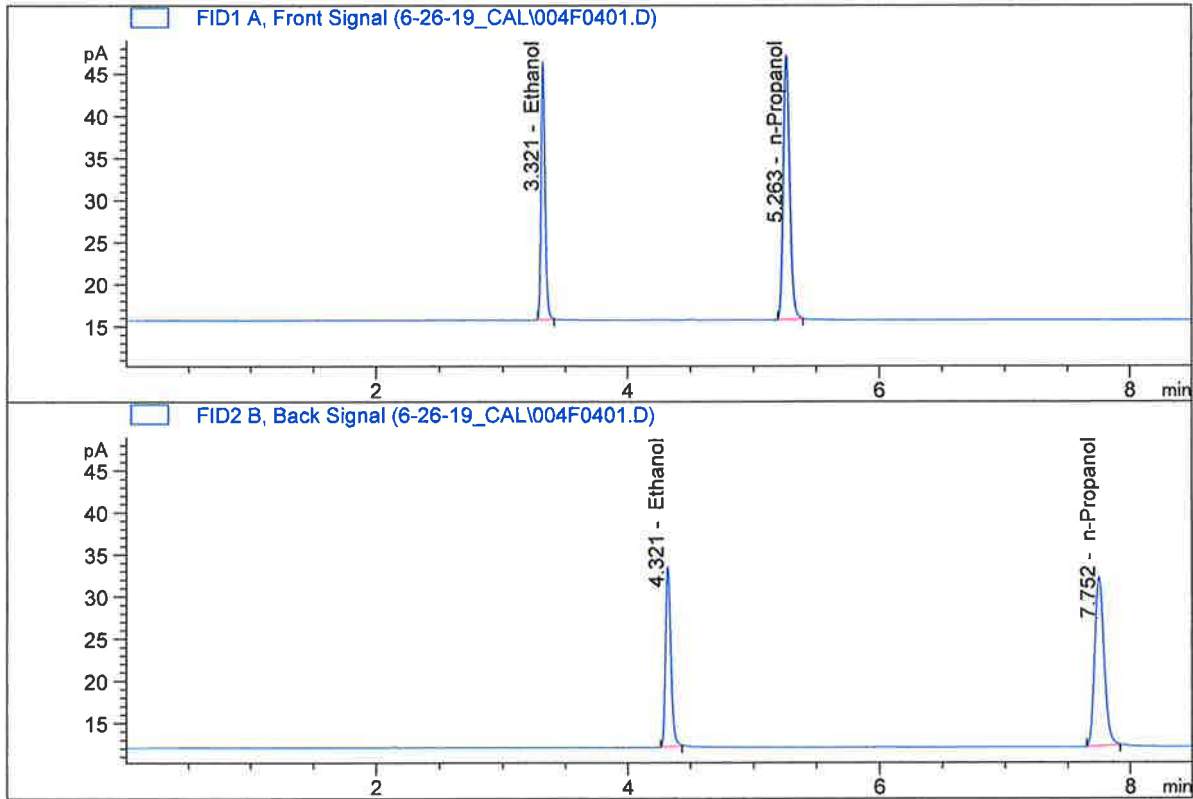


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.31066	0.1999	g/100cc
2.	Ethanol	Column 2:	40.63504	0.1954	g/100cc
3.	n-Propanol	Column 1:	109.06200	1.0000	g/100cc
4.	n-Propanol	Column 2:	101.93345	1.0000	g/100cc

*Handwritten signature/initials*

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010

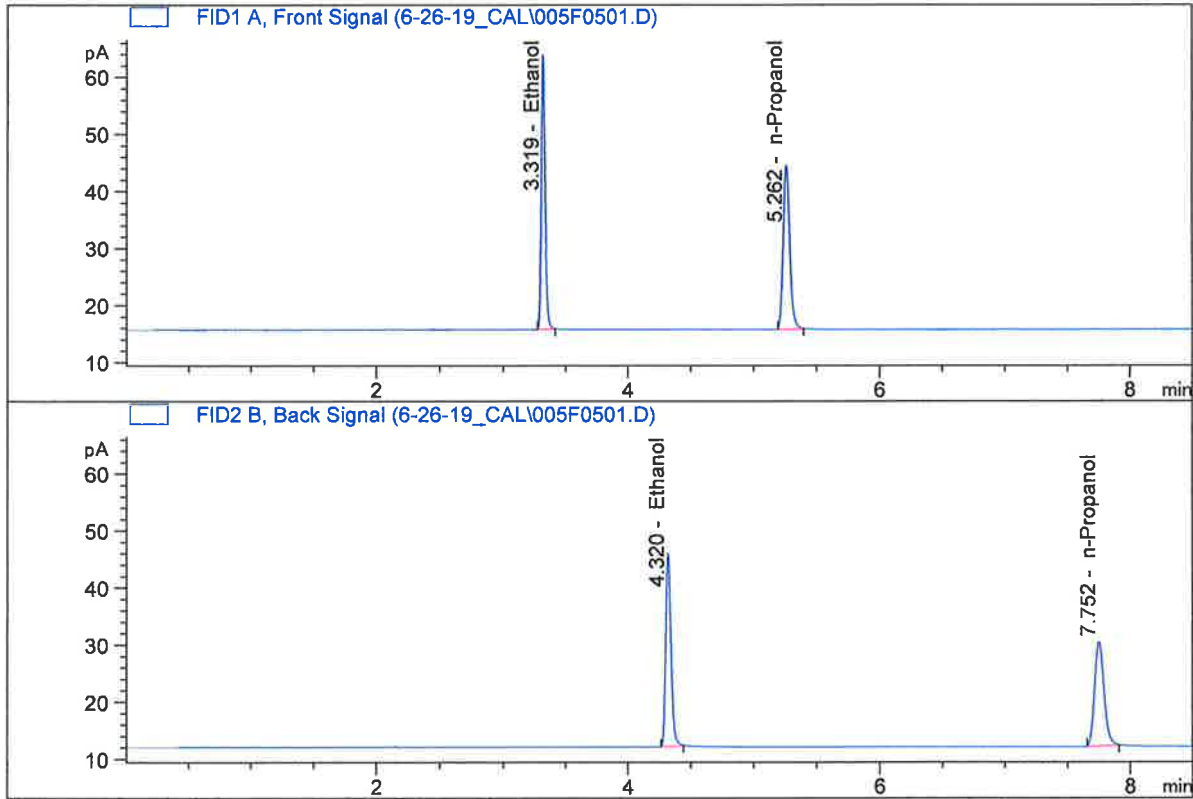


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	68.53484	0.2972	g/100cc
2.	Ethanol	Column 2:	63.44697	0.2943	g/100cc
3.	n-Propanol	Column 1:	113.46056	1.0000	g/100cc
4.	n-Propanol	Column 2:	105.66002	1.0000	g/100cc

*AC*

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010

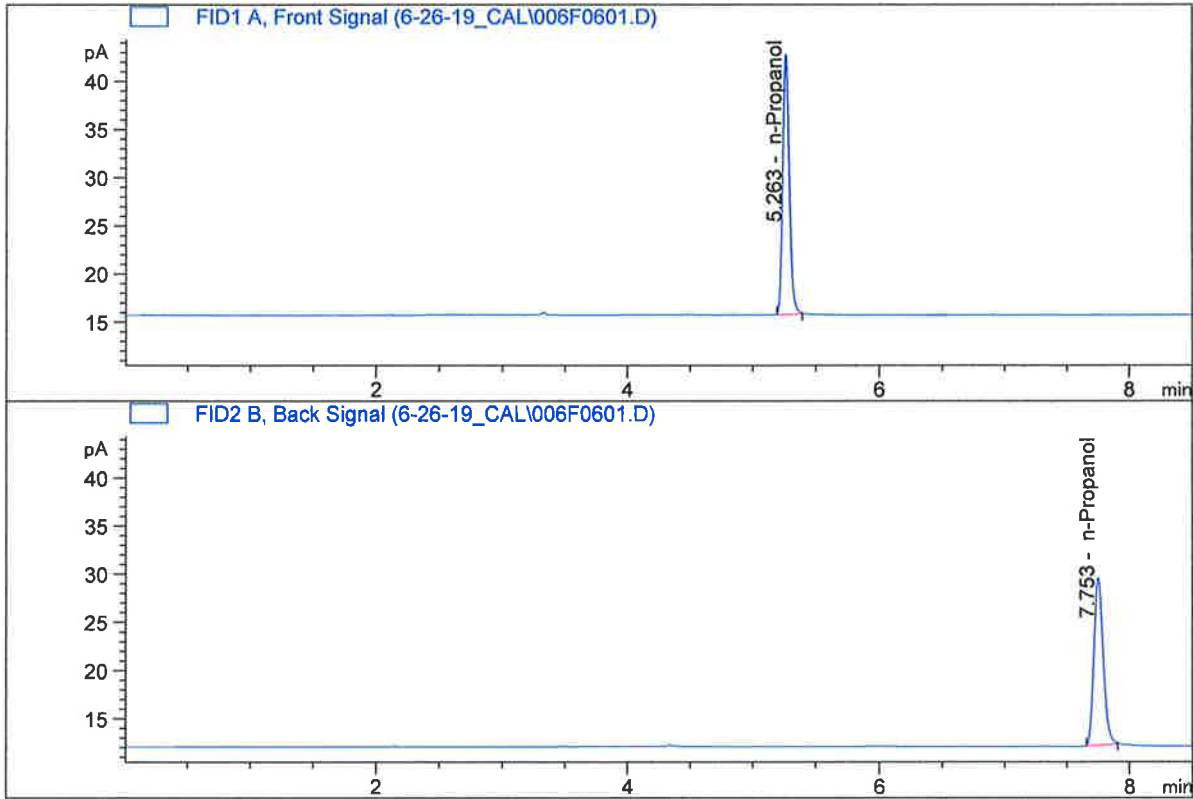


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	106.26110	0.5016	g/100cc
2.	Ethanol	Column 2:	99.55391	0.5064	g/100cc
3.	n-Propanol	Column 1:	104.24110	1.0000	g/100cc
4.	n-Propanol	Column 2:	96.35448	1.0000	g/100cc

*JRC*

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK-1  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010



#	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:	97.70760	1.0000	g/100cc
4.	n-Propanol	Column 2:	91.48994	1.0000	g/100cc

*Handwritten signature/initials*

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

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS\_26.06.2019\_10.44.02\MASTERCAL.S  
 Data directory path: C:\Chem32\1\Data\6-26-19\_CAL  
 Logbook: C:\Chem32\1\Data\6-26-19\_CAL\MASTERCAL.LOG  
 Sequence start: 6/26/2019 10:57:48 AM  
 Sequence Operator: SYSTEM  
 Operator: SYSTEM

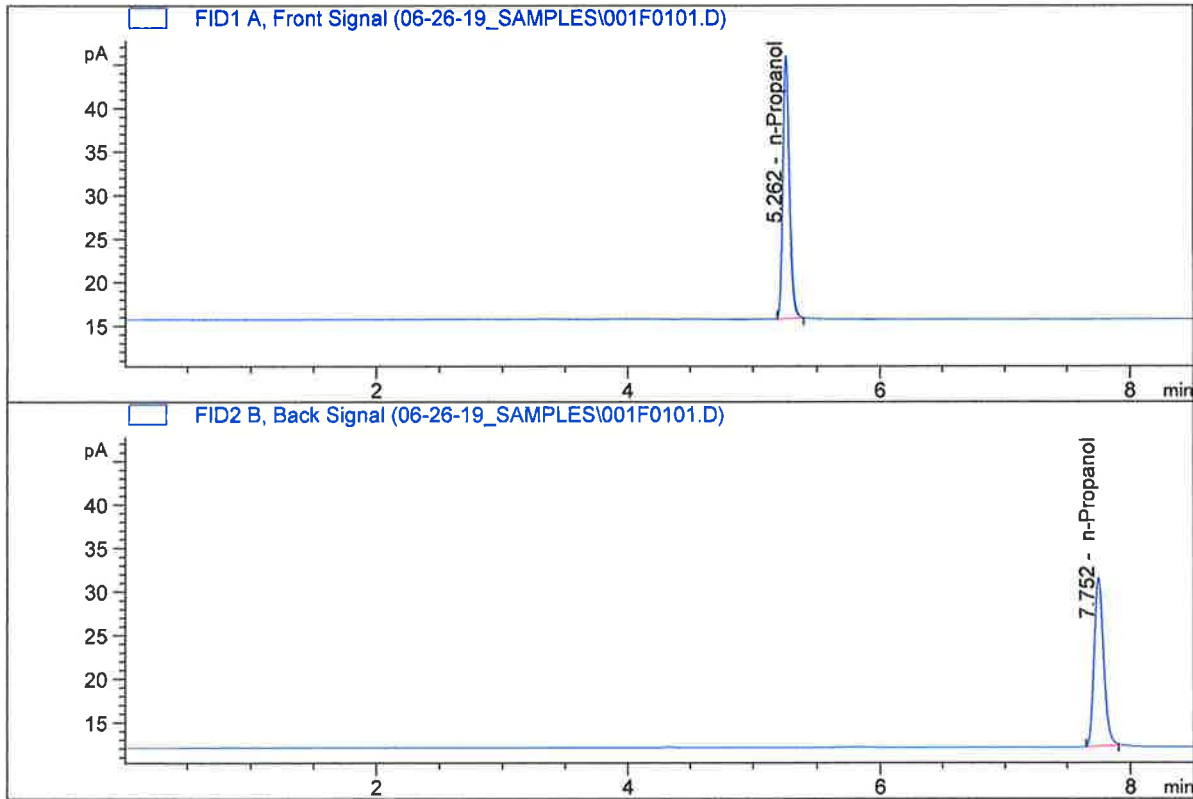
Method file name: C:\CHEM32\1\METHODS\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
1	1	1	0.050	-	1.0000	001F0101.D	*	4
2	2	1	0.100	-	1.0000	002F0201.D	*	4
3	3	1	0.200	-	1.0000	003F0301.D	*	4
4	4	1	0.300	-	1.0000	004F0401.D	*	4
5	5	1	0.500	-	1.0000	005F0501.D	*	4
6	6	1	ISTD BLANK-1	-	1.0000	006F0601.D		2



ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010

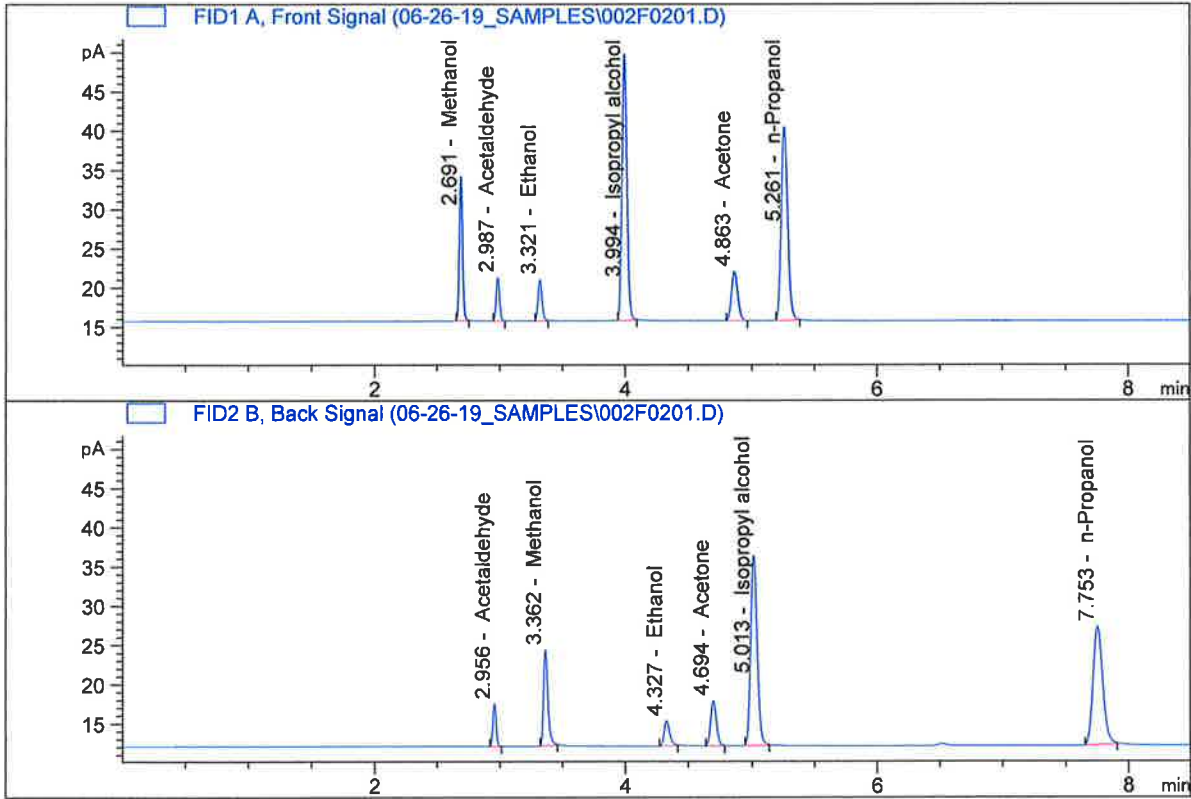


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	108.62460	1.0000	g/100cc
4.	n-Propanol	Column 2:	101.71425	1.0000	g/100cc

*JAC*

ISP Forensic Services Blood Alcohol Report

Sample Name : MULTI-COMP MIX  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument : CN10742043-IT00741010

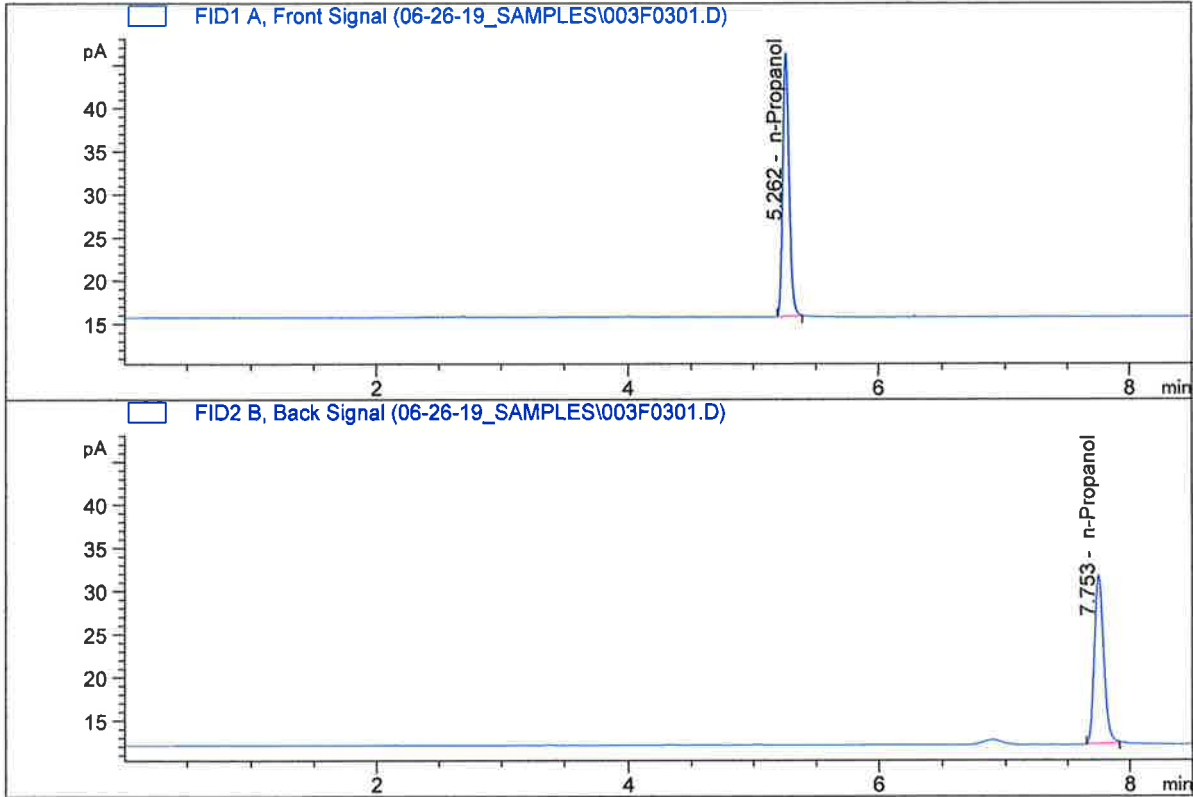


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	11.71922	0.0654	g/100cc
2.	Ethanol	Column 2:	9.88808	0.0610	g/100cc
3.	n-Propanol	Column 1:	88.19836	1.0000	g/100cc
4.	n-Propanol	Column 2:	79.49409	1.0000	g/100cc

*Handwritten signature*

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010



#	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:	109.76590	1.0000	g/100cc
4.	n-Propanol	Column 2:	102.74268	1.0000	g/100cc

*JPC*

## VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 26 Jun 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0777	0.0720	0.0057	0.0748	0.0747	
(g/100cc)	0.0774	0.0720	0.0054	0.0747		

### 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: MD96JF1032

### 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.*

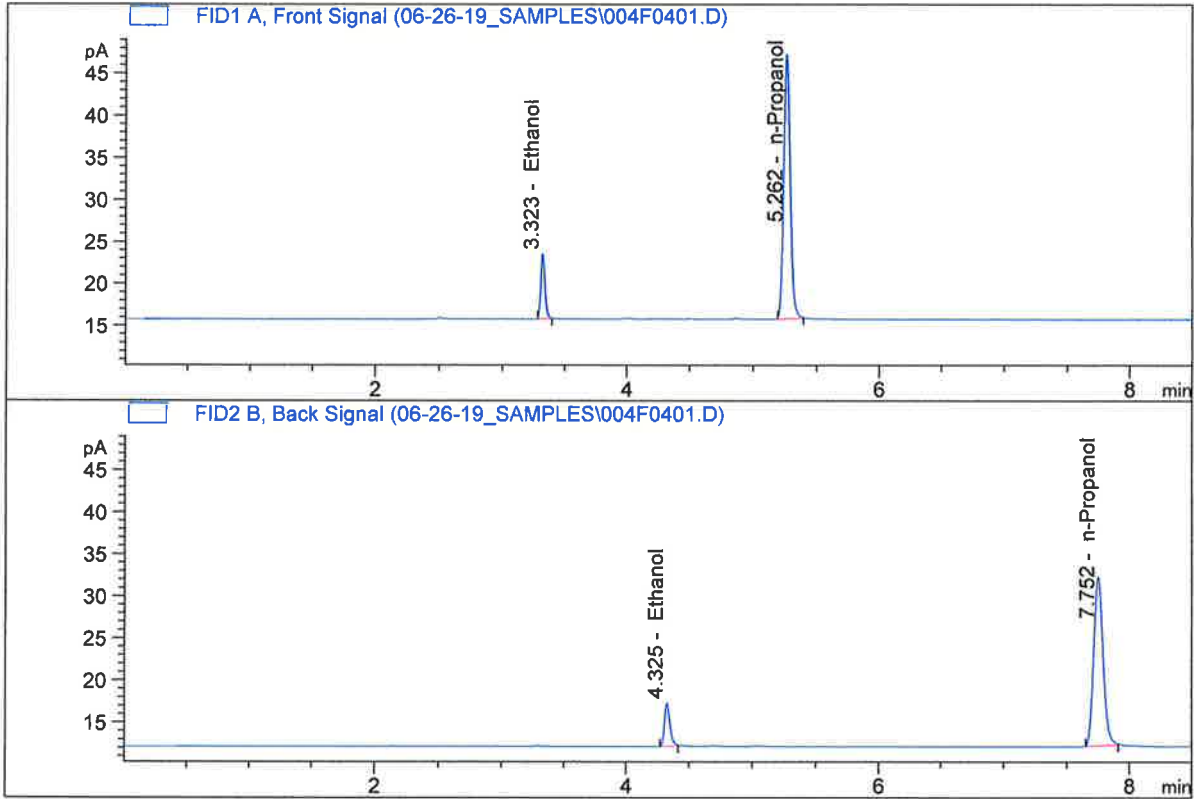

Revision: 1

Issue Date: 01/04/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010

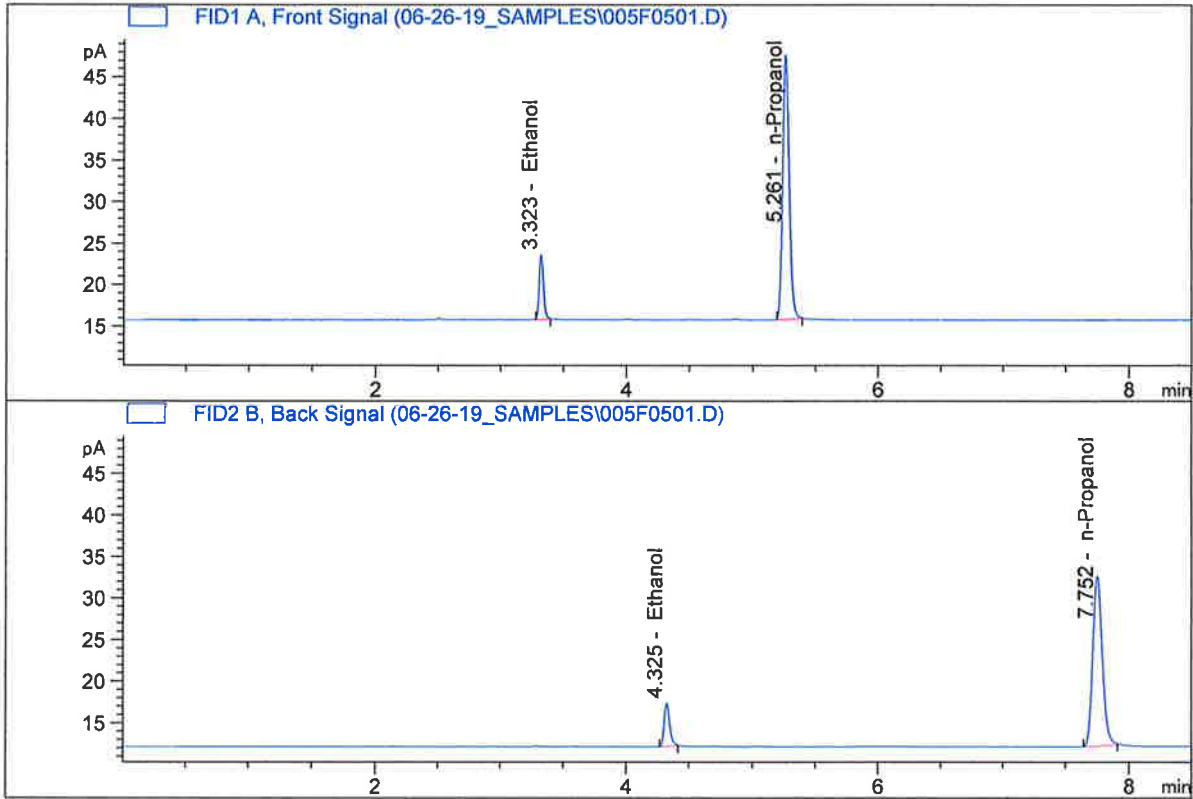


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.82532	0.0777	g/100cc
2.	Ethanol	Column 2:	15.51976	0.0720	g/100cc
3.	n-Propanol	Column 1:	112.89867	1.0000	g/100cc
4.	n-Propanol	Column 2:	105.61723	1.0000	g/100cc

*AC*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.05185	0.0774	g/100cc
2.	Ethanol	Column 2:	15.76830	0.0720	g/100cc
3.	n-Propanol	Column 1:	114.69919	1.0000	g/100cc
4.	n-Propanol	Column 2:	107.27528	1.0000	g/100cc

*Handwritten signature/initials*

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: 08 QA

Analysis Date(s): 26 Jun 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0784	0.0737	0.0047	0.0760	0.0764	
(g/100cc)	0.0791	0.0745	0.0046	0.0768		

**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: MD96JF1032

**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.*



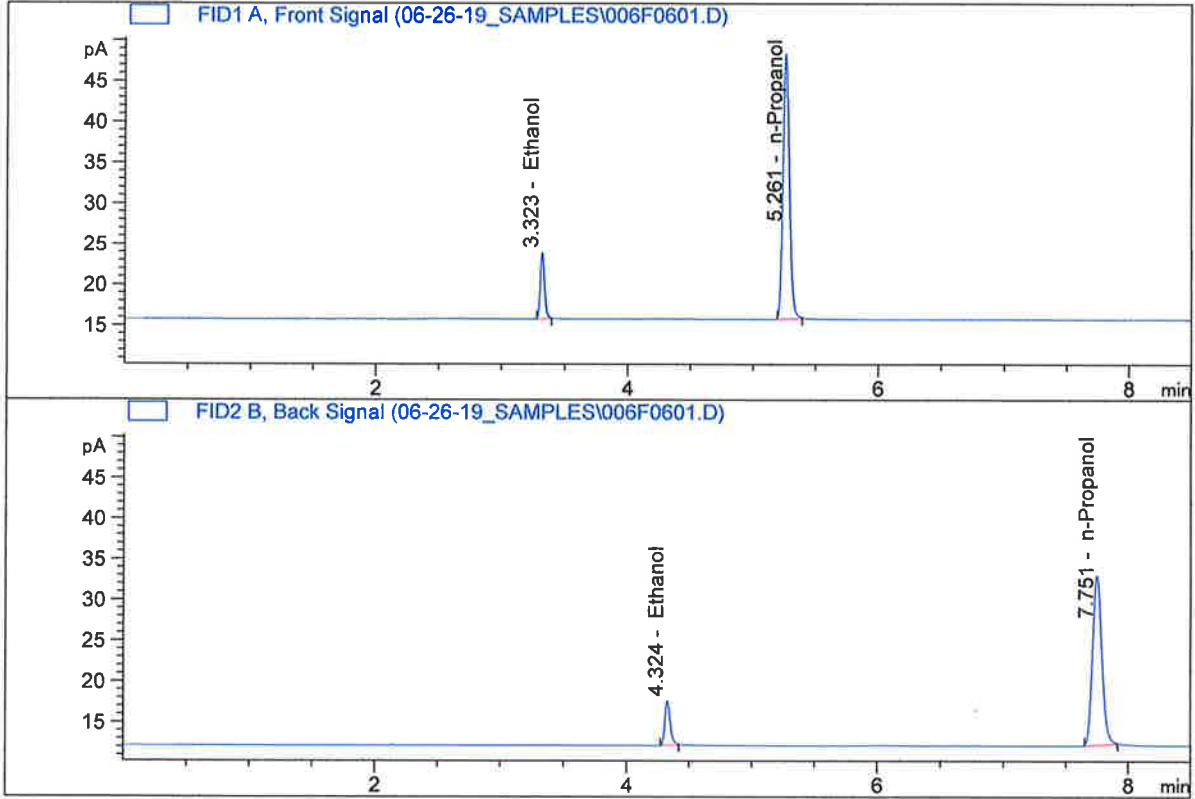
Revision: 1

Issue Date: 01/04/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : 08 QA-A  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010



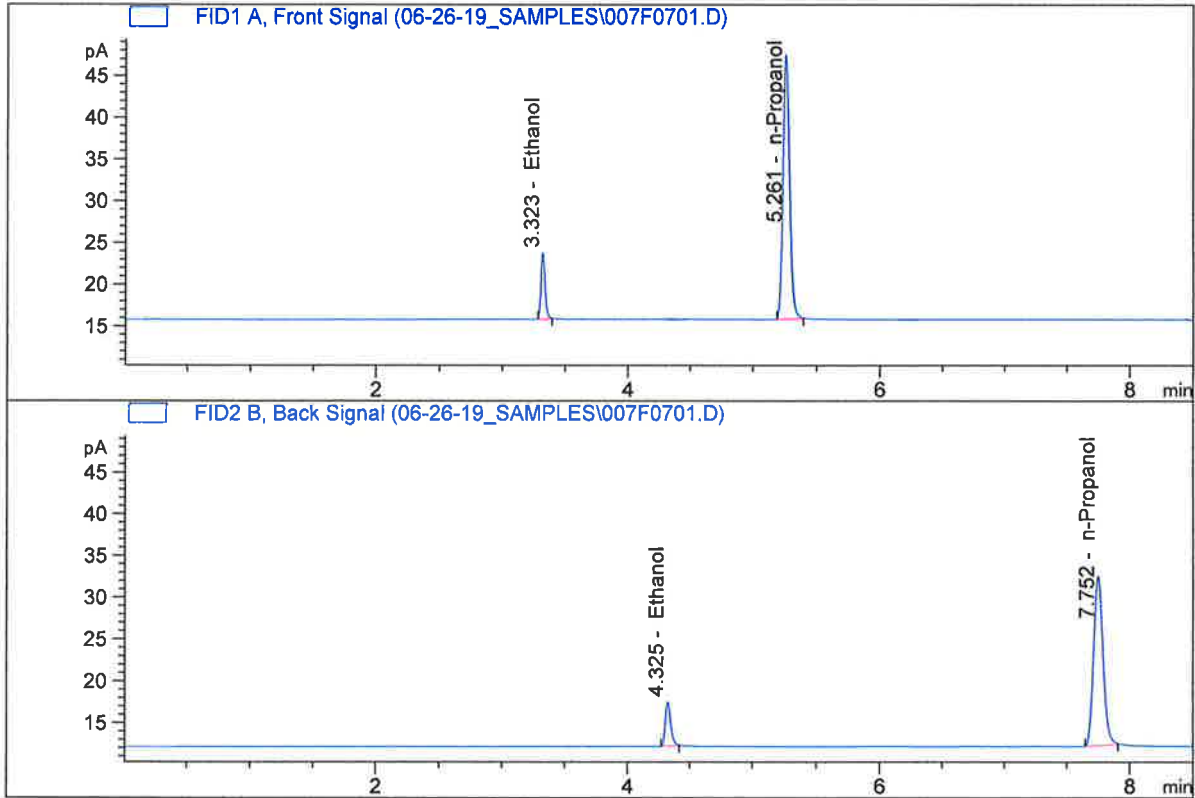
#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.68072	0.0784	g/100cc
2.	Ethanol	Column 2:	16.47071	0.0737	g/100cc
3.	n-Propanol	Column 1:	117.24564	1.0000	g/100cc
4.	n-Propanol	Column 2:	109.54433	1.0000	g/100cc

*JRC*



ISP Forensic Services Blood Alcohol Report

Sample Name : 08 QA-B  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.34478	0.0791	g/100cc
2.	Ethanol	Column 2:	16.16809	0.0745	g/100cc
3.	n-Propanol	Column 1:	114.16707	1.0000	g/100cc
4.	n-Propanol	Column 2:	106.38258	1.0000	g/100cc

*JAC*

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC2-1

Analysis Date(s): 26 Jun 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1936	0.1862	0.0074	0.1899	0.1898	
(g/100cc)	0.1928	0.1868	0.0060	0.1898		

**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: MD96JF1032

**Reporting of Results**

**Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.189	0.179	0.199	0.010

Reported Result	
0.189	

*Calibration and control data are stored centrally.*



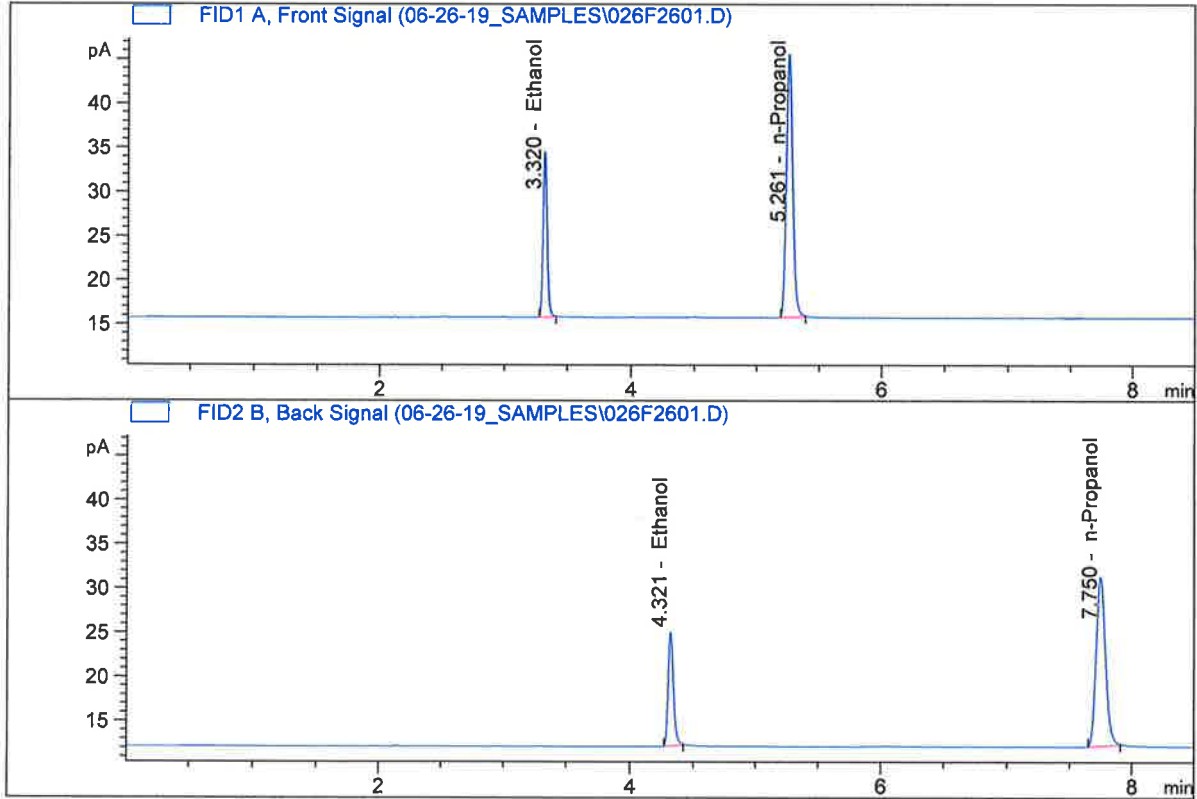
Revision: 1

Issue Date: 01/04/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010

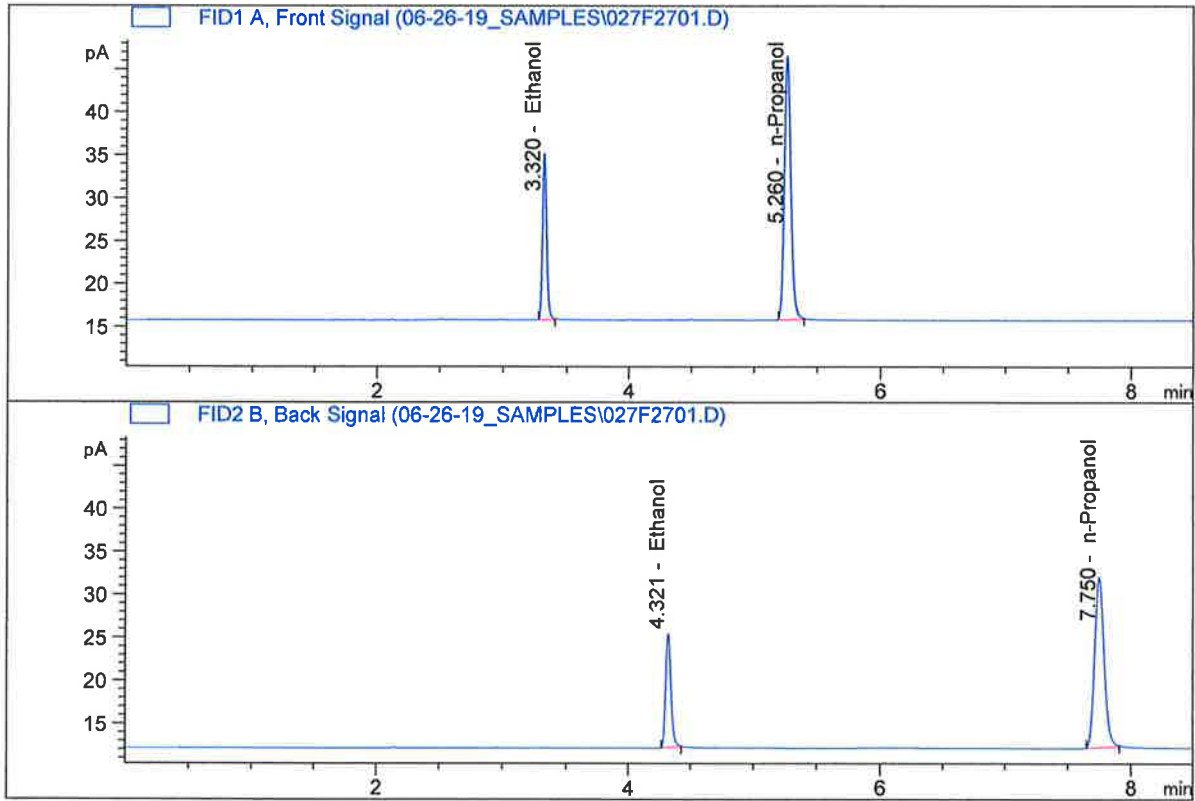


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	42.13409	0.1936	g/100cc
2.	Ethanol	Column 2:	38.28341	0.1862	g/100cc
3.	n-Propanol	Column 1:	107.08622	1.0000	g/100cc
4.	n-Propanol	Column 2:	100.78091	1.0000	g/100cc

*JPC*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.37978	0.1928	g/100cc
2.	Ethanol	Column 2:	39.68837	0.1868	g/100cc
3.	n-Propanol	Column 1:	110.69219	1.0000	g/100cc
4.	n-Propanol	Column 2:	104.11025	1.0000	g/100cc

*CPC*

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC1-2

Analysis Date(s): 26 Jun 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.0787	0.0734	0.0053	0.0760	0.0756
(g/100cc)	0.0779	0.0726	0.0053	0.0752	

**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: MD96JF1032

**Reporting of Results**

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.075	0.071	0.079	0.004

Reported Result
0.075

*Calibration and control data are stored centrally.*



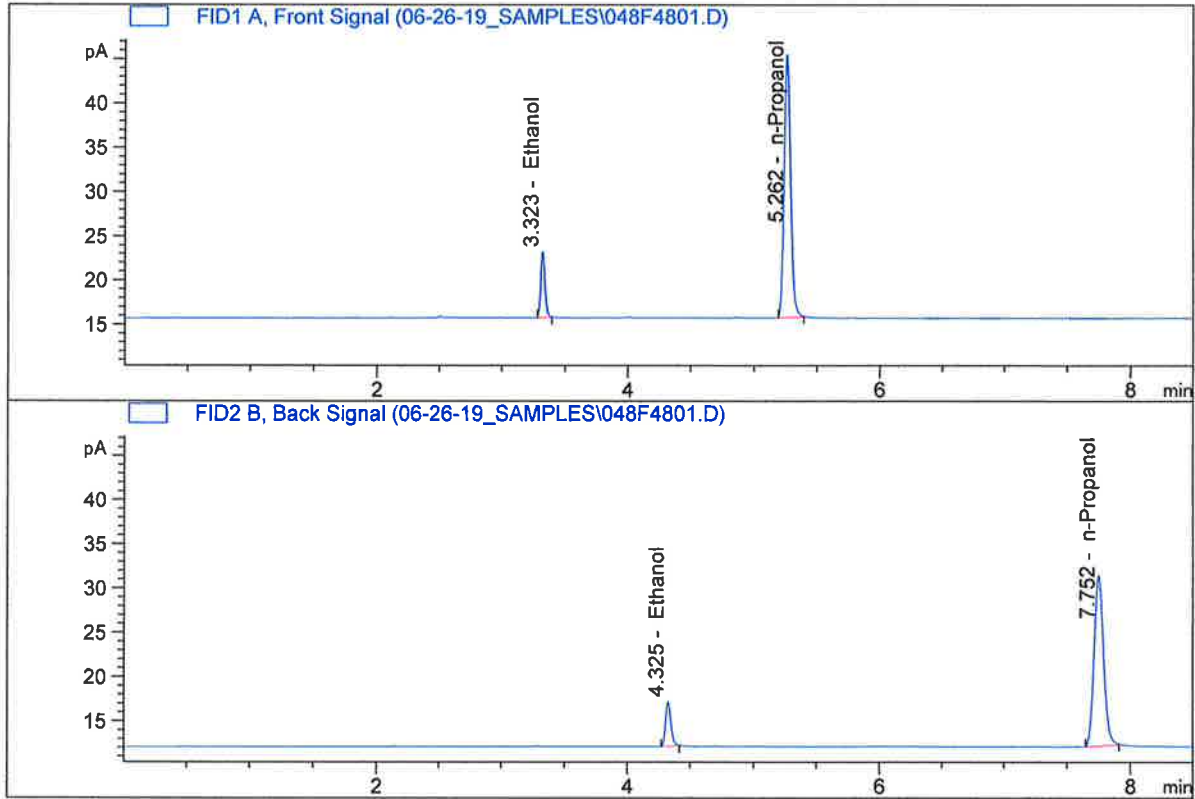
Revision: 1

Issue Date: 01/04/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument : CN10742043-IT00741010

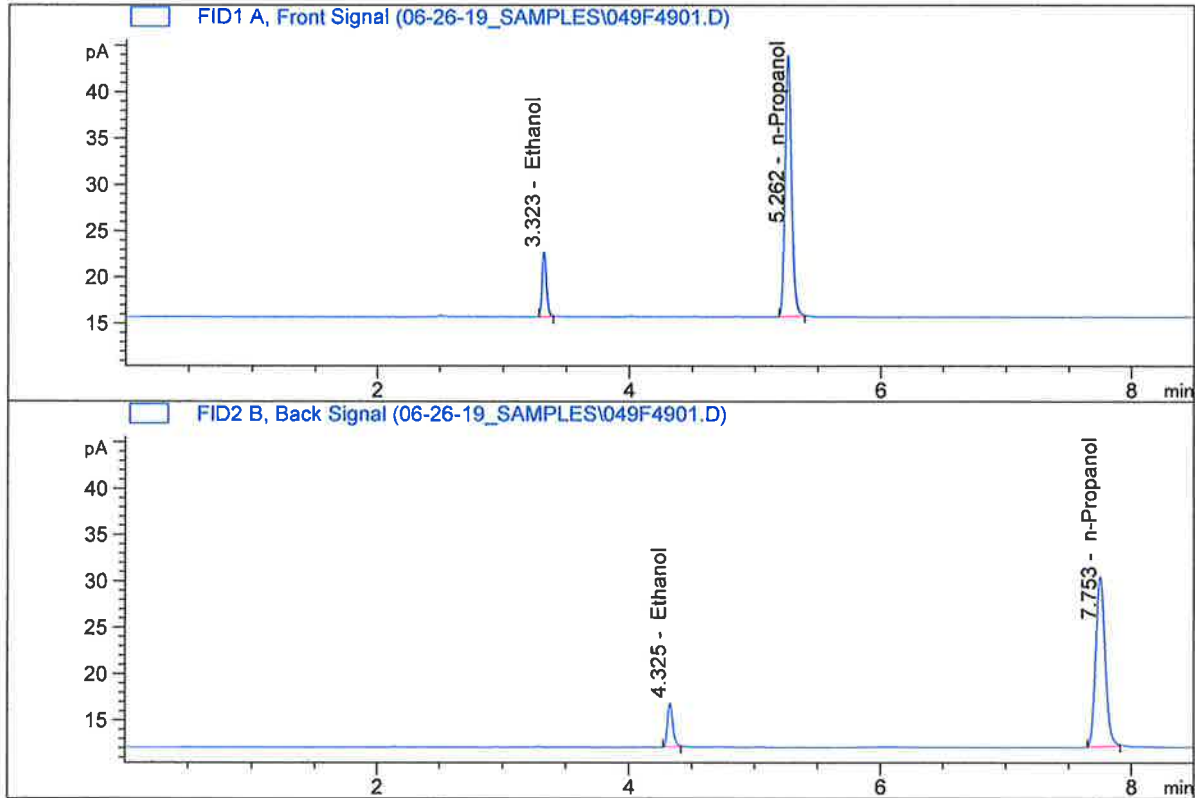


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.07440	0.0787	g/100cc
2.	Ethanol	Column 2:	15.17826	0.0734	g/100cc
3.	n-Propanol	Column 1:	106.72250	1.0000	g/100cc
4.	n-Propanol	Column 2:	101.30511	1.0000	g/100cc

*Handwritten signature*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B  
 Laboratory : Pocatello  
 Injection Date : Jun 26, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument : CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.07653	0.0779	g/100cc
2.	Ethanol	Column 2:	14.28154	0.0726	g/100cc
3.	n-Propanol	Column 1:	101.50701	1.0000	g/100cc
4.	n-Propanol	Column 2:	96.40874	1.0000	g/100cc

*Handwritten signature*

**VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No.: QC2-2

Analysis Date(s): 27 Jun 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.1989	0.1917	0.0072	0.1953	0.1944
(g/100cc)	0.1970	0.1901	0.0069	0.1935	

**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: MD96JF1032

**Reporting of Results**

**Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.194	0.184	0.204	0.010

Reported Result	
0.194	

*Calibration and control data are stored centrally.*



Revision: 1

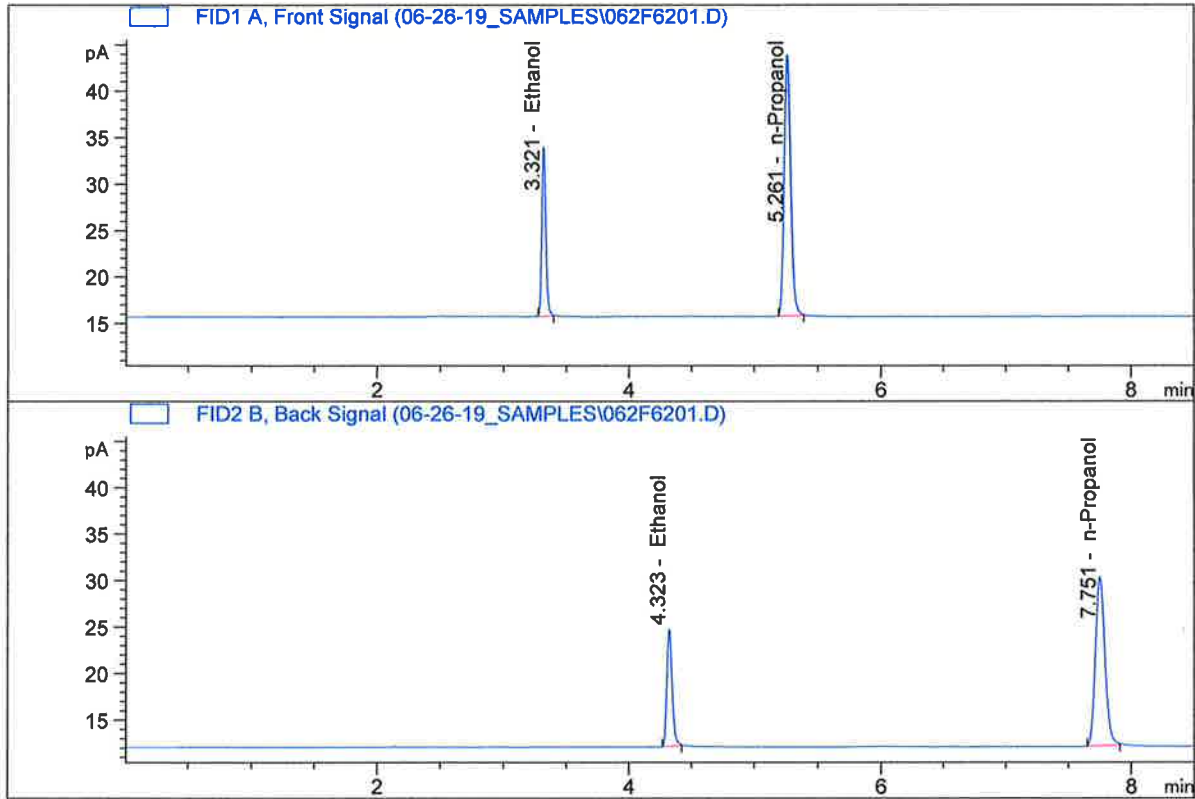
Issue Date: 01/04/2019

Issuing Authority: Quality Manager



ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A  
 Laboratory : Pocatello  
 Injection Date : Jun 27, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010

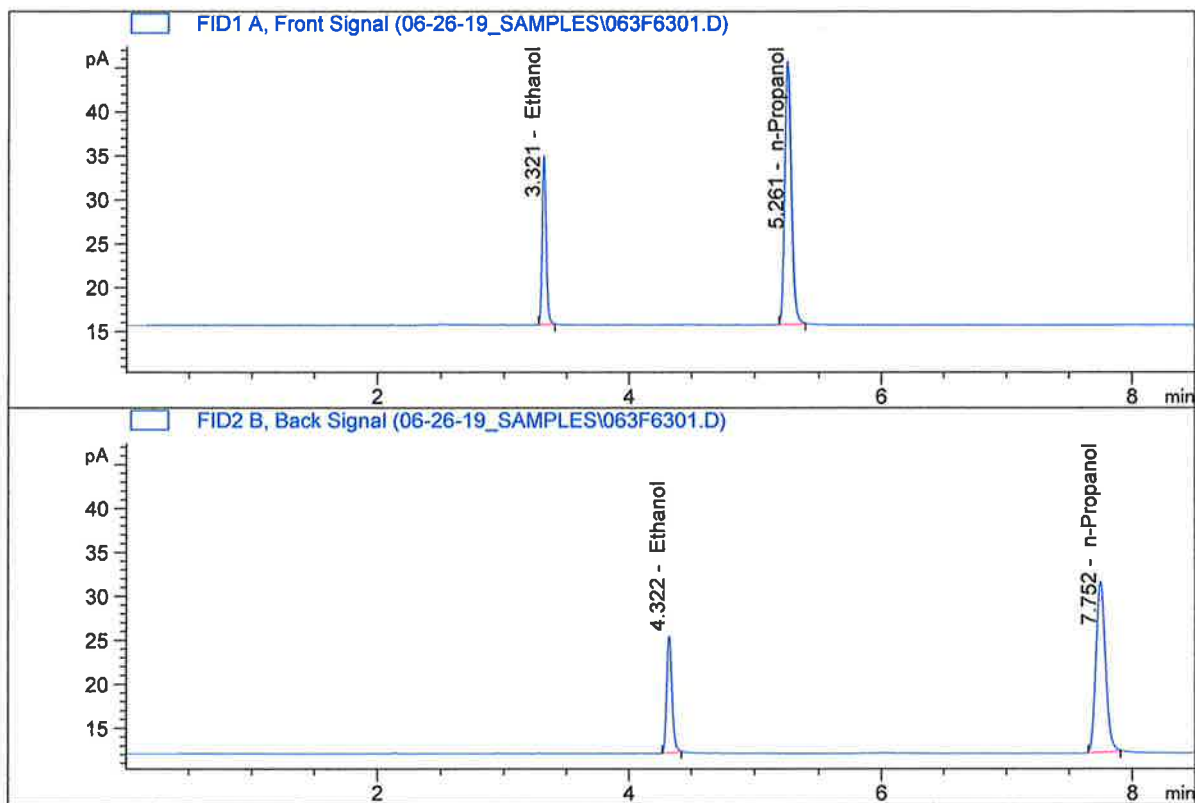


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	40.86488	0.1989	g/100cc
2.	Ethanol	Column 2:	37.39052	0.1917	g/100cc
3.	n-Propanol	Column 1:	101.07188	1.0000	g/100cc
4.	n-Propanol	Column 2:	95.59490	1.0000	g/100cc

*JHC*

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B  
 Laboratory : Pocatello  
 Injection Date : Jun 27, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010

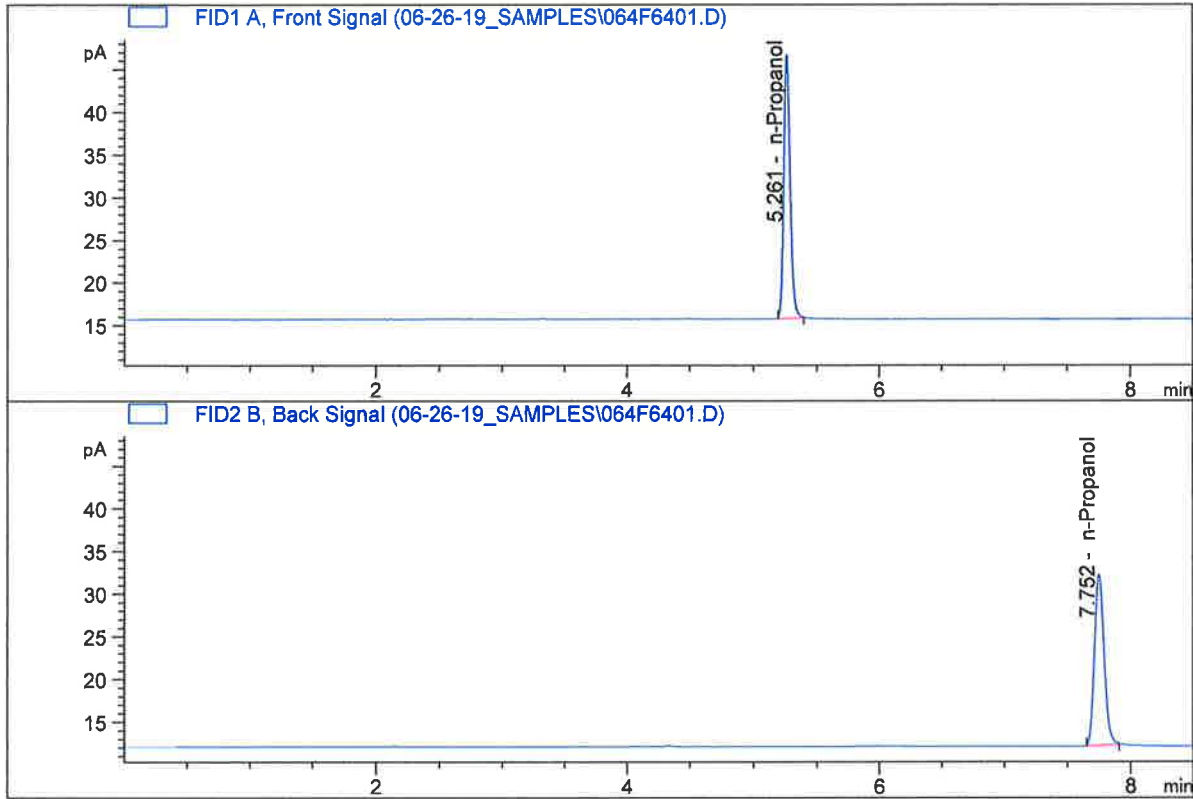


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.15025	0.1970	g/100cc
2.	Ethanol	Column 2:	39.47390	0.1901	g/100cc
3.	n-Propanol	Column 1:	107.77171	1.0000	g/100cc
4.	n-Propanol	Column 2:	101.77285	1.0000	g/100cc

*Handwritten signature*

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD BLK  
 Laboratory : Pocatello  
 Injection Date : Jun 27, 2019  
 Method : ALCOHOL.M  
 Acq. Instrument: CN10742043-IT00741010



#	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:	110.89290	1.0000	g/100cc
4.	n-Propanol	Column 2:	105.37644	1.0000	g/100cc

*Handwritten signature*

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS\_26.06.2019\_01.37.22\RC06262019.S  
 Data directory path: C:\Chem32\1\Data\06-26-19\_SAMPLES  
 Logbook: C:\Chem32\1\Data\06-26-19\_SAMPLES\RC06262019.LOG  
 Sequence start: 6/26/2019 1:51:15 PM  
 Sequence Operator: SYSTEM  
 Operator: SYSTEM

Method file name: C:\CHEM32\1\METHODS\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	MULTI-COMP MIX	-	1.0000	002F0201.D		12
3	3	1	INTERNAL STD	-	1.0000	003F0301.D		2
4	4	1	QC1-1-A	-	1.0000	004F0401.D		4
5	5	1	QC1-1-B	-	1.0000	005F0501.D		4
6	6	1	08 QA-A	-	1.0000	006F0601.D		4
7	7	1	08 QA-B	-	1.0000	007F0701.D		4
8	8	1	P2019-1781-2-A	-	1.0000	008F0801.D		2
9	9	1	P2019-1781-2-B	-	1.0000	009F0901.D		3
10	10	1	P2019-1789-1-A	-	1.0000	010F1001.D		2
11	11	1	P2019-1789-1-B	-	1.0000	011F1101.D		2
12	12	1	P2019-1790-1-A	-	1.0000	012F1201.D		4
13	13	1	P2019-1790-1-B	-	1.0000	013F1301.D		4
14	14	1	P2019-1791-1-A	-	1.0000	014F1401.D		4
15	15	1	P2019-1791-1-B	-	1.0000	015F1501.D		4
16	16	1	P2019-1792-1-A	-	1.0000	016F1601.D		6
17	17	1	P2019-1792-1-B	-	1.0000	017F1701.D		6
18	18	1	P2019-1793-1-A	-	1.0000	018F1801.D		2
19	19	1	P2019-1793-1-B	-	1.0000	019F1901.D		2
20	20	1	P2019-1793-2-A	-	1.0000	020F2001.D		4
21	21	1	P2019-1793-2-B	-	1.0000	021F2101.D		4
22	22	1	P2019-1796-1-A	-	1.0000	022F2201.D		5
23	23	1	P2019-1796-1-B	-	1.0000	023F2301.D		6
24	24	1	P2019-1806-1-A	-	1.0000	024F2401.D		6
25	25	1	P2019-1806-1-B	-	1.0000	025F2501.D		6
26	26	1	QC2-1-A	-	1.0000	026F2601.D		4
27	27	1	QC2-1-B	-	1.0000	027F2701.D		4
28	28	1	P2019-1822-1-A	-	1.0000	028F2801.D		6
29	29	1	P2019-1822-1-B	-	1.0000	029F2901.D		6
30	30	1	P2019-1830-1-A	-	1.0000	030F3001.D		6
31	31	1	P2019-1830-1-B	-	1.0000	031F3101.D		4
32	32	1	P2019-1848-1-A	-	1.0000	032F3201.D		6
33	33	1	P2019-1848-1-B	-	1.0000	033F3301.D		6
34	34	1	P2019-1849-1-A	-	1.0000	034F3401.D		6
35	35	1	P2019-1849-1-B	-	1.0000	035F3501.D		6
36	36	1	P2019-1850-1-A	-	1.0000	036F3601.D		5
37	37	1	P2019-1850-1-B	-	1.0000	037F3701.D		5
38	38	1	P2019-1851-1-A	-	1.0000	038F3801.D		6
39	39	1	P2019-1851-1-B	-	1.0000	039F3901.D		6
40	40	1	P2019-1860-1-A	-	1.0000	040F4001.D		2
41	41	1	P2019-1860-1-B	-	1.0000	041F4101.D		2
42	42	1	P2019-1862-1-A	-	1.0000	042F4201.D		6
43	43	1	P2019-1862-1-B	-	1.0000	043F4301.D		6
44	44	1	P2019-1872-1-A	-	1.0000	044F4401.D		4
45	45	1	P2019-1872-1-B	-	1.0000	045F4501.D		4
46	46	1	P2019-1881-1-A	-	1.0000	046F4601.D		6

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
47	47	1	P2019-1881-1-B	-	1.0000	047F4701.D		6
48	48	1	QC1-2-A	-	1.0000	048F4801.D		4
49	49	1	QC1-2-B	-	1.0000	049F4901.D		4
50	50	1	P2019-1885-1-A	-	1.0000	050F5001.D		5
51	51	1	P2019-1885-1-B	-	1.0000	051F5101.D		4
52	52	1	P2019-1887-1-A	-	1.0000	052F5201.D		6
53	53	1	P2019-1887-1-B	-	1.0000	053F5301.D		6
54	54	1	P2019-1896-1-A	-	1.0000	054F5401.D		2
55	55	1	P2019-1896-1-B	-	1.0000	055F5501.D		2
56	56	1	P2019-1897-1-A	-	1.0000	056F5601.D		4
57	57	1	P2019-1897-1-B	-	1.0000	057F5701.D		4
58	58	1	P2019-1904-1-A	-	1.0000	058F5801.D		6
59	59	1	P2019-1904-1-B	-	1.0000	059F5901.D		6
60	60	1	P2019-1905-1-A	-	1.0000	060F6001.D		6
61	61	1	P2019-1905-1-B	-	1.0000	061F6101.D		6
62	62	1	QC2-2-A	-	1.0000	062F6201.D		4
63	63	1	QC2-2-B	-	1.0000	063F6301.D		4
64	64	1	INT STD BLK	-	1.0000	064F6401.D		2