






















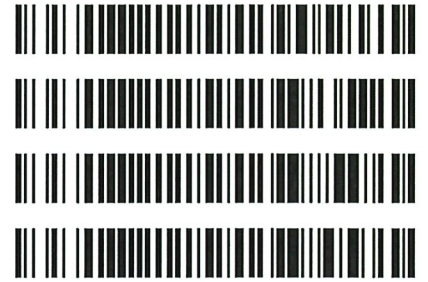
Worklist: 3795

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2019-3037	1	BCK	Alcohol Analysis	
P2019-3038	1	BCK	Alcohol Analysis	
P2019-3038	2	BCK	Alcohol Analysis	
P2019-3046	1	BCK	Alcohol Analysis	
P2019-3085	1	BCK	Alcohol Analysis	
P2019-3088	1	BCK	Alcohol Analysis	
P2019-3089	1	BCK	Alcohol Analysis	
P2019-3101	1	BCK	Alcohol Analysis	
P2019-3114	1	BCK	Alcohol Analysis	
P2019-3131	1	BCK	Alcohol Analysis	
P2019-3167	1	BCK	Alcohol Analysis	
P2019-3168	1	BCK	Alcohol Analysis	
P2019-3169	1	BCK	Alcohol Analysis	
P2019-3189	1	BCK	Alcohol Analysis	
P2019-3190	1	BCK	Alcohol Analysis	
P2019-3196	1	BCK	Alcohol Analysis	
P2019-3202	1	BCK	Alcohol Analysis	
P2019-3207	1	BCK	Alcohol Analysis	
P2019-3218	1	BCK	Alcohol Analysis	
P2019-3219	1	BCK	Alcohol Analysis	
P2019-3245	1	BCK	Alcohol Analysis	

RC

Worklist: 3795

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2019-3254	1	BCK	Alcohol Analysis
P2019-3283	1	BCK	Alcohol Analysis
P2019-3285	1	BCK	Alcohol Analysis
P2019-3285	2	BCK	Alcohol Analysis



JAC

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): 10/29/19

Calibration Curve Run Date: 10/29/19

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0770 g/100cc
					0.0773 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1977 g/100cc
					0.2002 g/100cc
					g/100cc
Multi-Component mixture: Ceriliant		Lot #	FN07101701		
Curve Fit:		Column 1	1.00000	Column 2	0.99979

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	0.0461	0.0048	0.0485
100	0.100	0.090 - 0.110	0.0999	0.0930	0.0069	0.0964
200	0.200	0.180 - 0.220	0.2000	0.1939	0.0061	0.1969
300	0.300	0.270 - 0.330	0.2992	0.2957	0.0035	0.2974
500	0.500	0.450 - 0.550	0.5004	0.5068	0.0064	0.5036

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

REVIEWED
By Jeremy Johnston at 3:17 pm, Oct 31, 2019



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

General Calibration Setting

Calib. Data Modified : Tuesday, October 29, 2019 2:52:08 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 [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

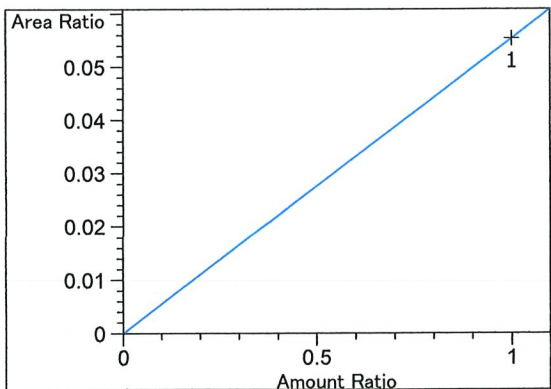


RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD #	Compound
2.311	2	1	1.00000	6.45200	1.54991e-1	No	No 2	Fluorinated ethane
2.365	1	1	1.00000	1.84105	5.43168e-1	No	No 1	Fluorinated ethane
2.685	1	1	1.00000	3.69669	2.70512e-1	No	No 1	Methanol
2.950	2	1	1.00000	11.54700	8.66026e-2	No	No 2	Acetaldehyde
2.975	1	1	1.00000	10.52400	9.50209e-2	No	No 1	Acetaldehyde
3.321	1	1	5.00000e-2	12.00365	4.16540e-3	No	No 1	Ethanol
		2	1.00000e-1	23.45605	4.26329e-3			
		3	2.00000e-1	47.39912	4.21949e-3			
		4	3.00000e-1	69.02187	4.34645e-3			
		5	5.00000e-1	119.05299	4.19981e-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
4.311	2	1	5.00000e-2	10.05801	4.97116e-3	No	No 2	Ethanol
		2	1.00000e-1	20.18982	4.95299e-3			
		3	2.00000e-1	42.27340	4.73111e-3			
		4	3.00000e-1	62.54695	4.79640e-3			
		5	5.00000e-1	109.94393	4.54777e-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
5.265	1	1	1.00000	125.50832	7.96760e-3	No	Yes 1	n-Propanol
		2	1.00000	124.93118	8.00441e-3			
		3	1.00000	126.03474	7.93432e-3			
		4	1.00000	122.68343	8.15106e-3			
		5	1.00000	126.54199	7.90252e-3			
		6	1.00000	111.45872	8.97193e-3			
7.730	2	1	1.00000	116.56901	8.57861e-3	No	Yes 2	n-Propanol
		2	1.00000	115.94621	8.62469e-3			
		3	1.00000	116.50044	8.58366e-3			
		4	1.00000	113.00988	8.84878e-3			
		5	1.00000	115.91987	8.62665e-3			
		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

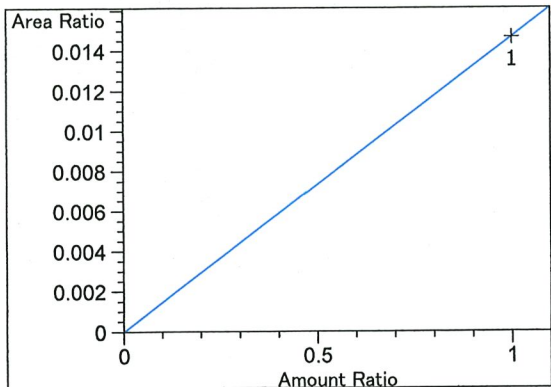
No Entries in table

Calibration Curves

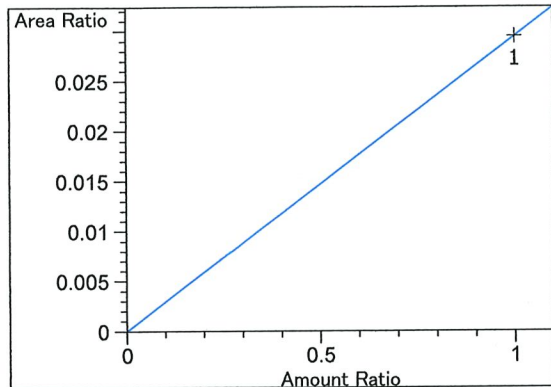


Fluorinated ethane at exp. RT: 2.311
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: 5.53492e-2
 x: Amount Ratio
 y: Area Ratio

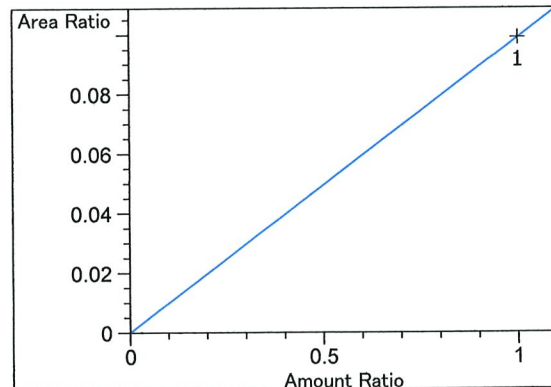
JAC



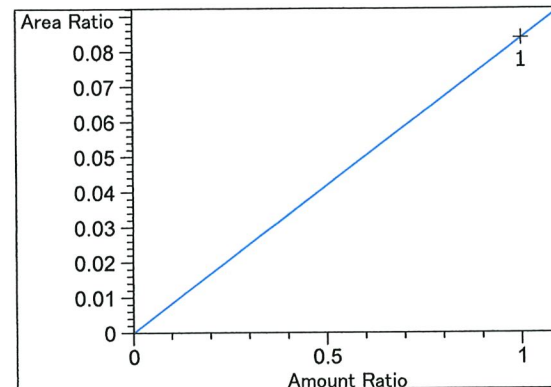
Fluorinated ethane at exp. RT: 2.365
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: $1.46688e-2$
 x: Amount Ratio
 y: Area Ratio



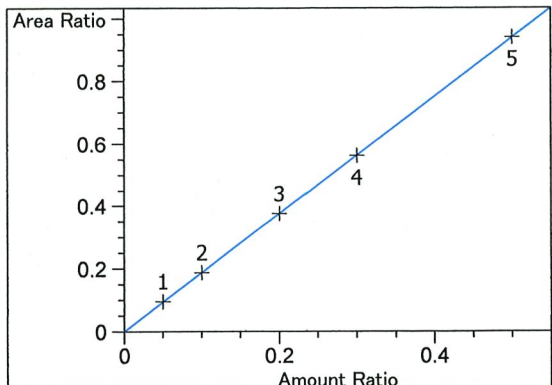
Methanol at exp. RT: 2.685
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: $2.94538e-2$
 x: Amount Ratio
 y: Area Ratio



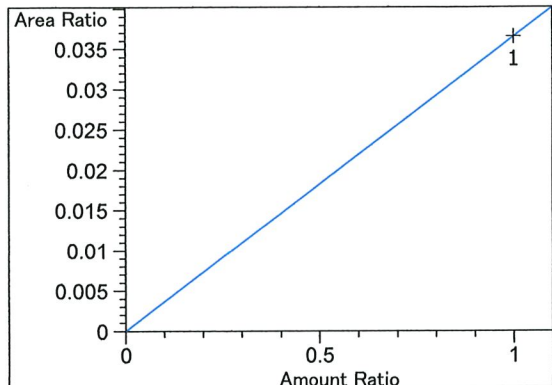
Acetaldehyde at exp. RT: 2.950
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: $9.90572e-2$
 x: Amount Ratio
 y: Area Ratio



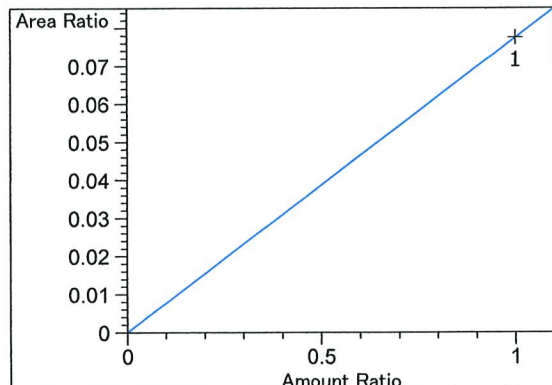
Acetaldehyde at exp. RT: 2.975
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx$
 m: $8.38510e-2$
 x: Amount Ratio
 y: Area Ratio



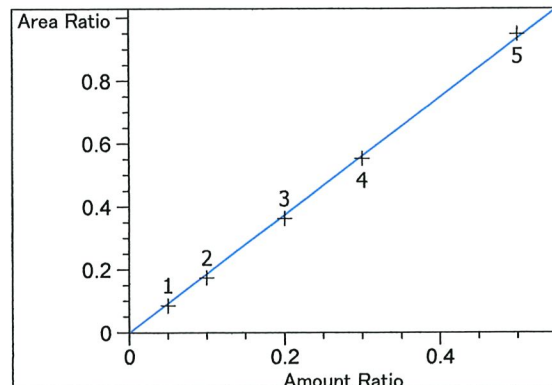
Ethanol at exp. RT: 3.321
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00116
Formula: $y = mx$
m: 1.88016
x: Amount Ratio
y: Area Ratio



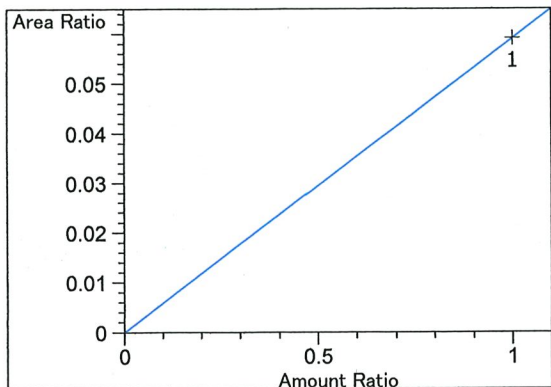
Methanol at exp. RT: 3.372
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx$
m: 3.65502e-2
x: Amount Ratio
y: Area Ratio



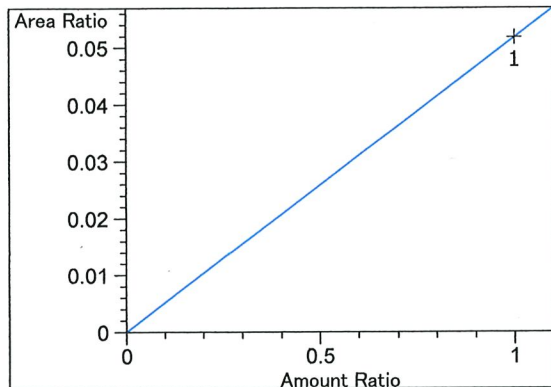
Isopropyl alcohol at exp. RT: 3.993
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx$
m: 7.75291e-2
x: Amount Ratio
y: Area Ratio



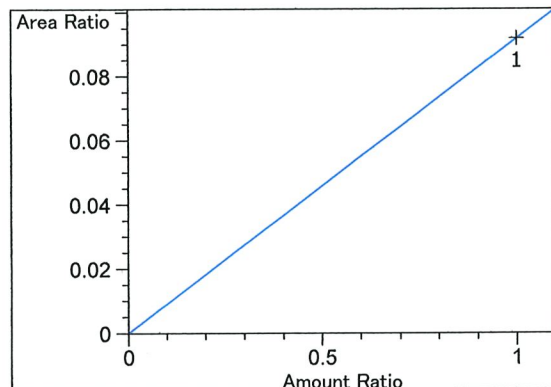
Ethanol at exp. RT: 4.311
FID2 B, Back Signal
Correlation: 0.99979
Residual Std. Dev.: 0.01203
Formula: $y = mx$
m: 1.87150
x: Amount Ratio
y: Area Ratio



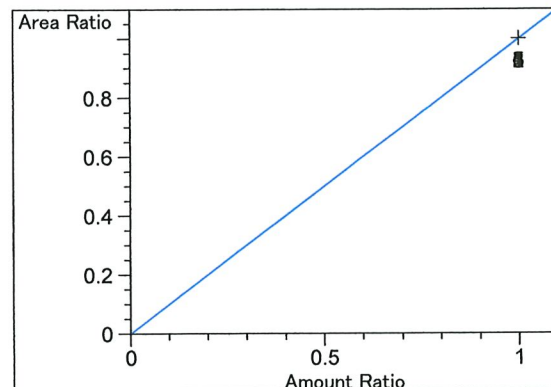
Acetone at exp. RT: 4.704
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx$
m: 5.91324e-2
x: Amount Ratio
y: Area Ratio



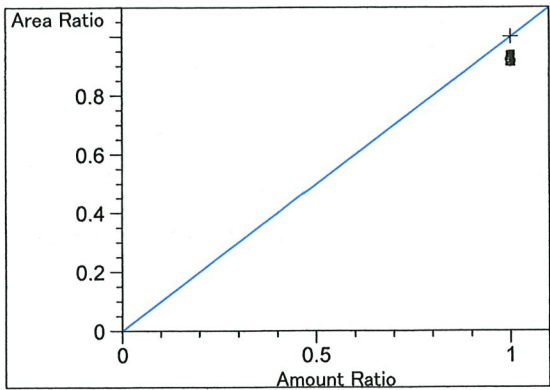
Acetone at exp. RT: 4.853
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx$
m: 5.17846e-2
x: Amount Ratio
y: Area Ratio



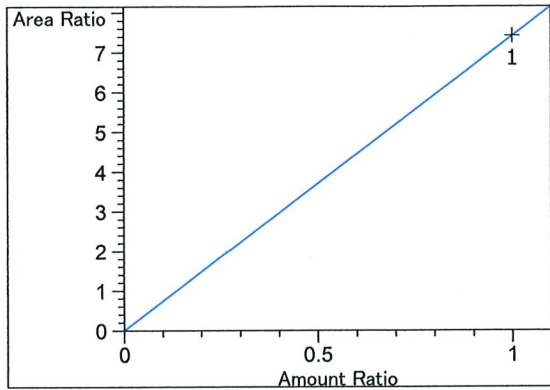
Isopropyl alcohol at exp. RT: 5.050
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx$
m: 9.18462e-2
x: Amount Ratio
y: Area Ratio



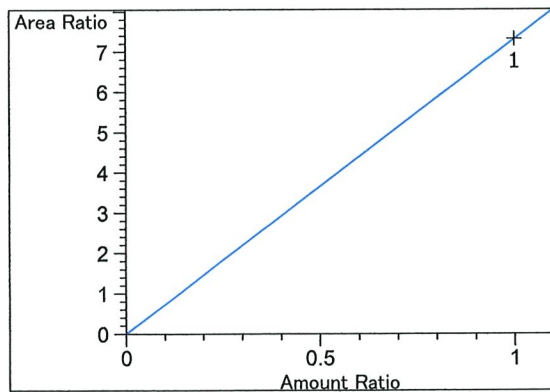
n-Propanol at exp. RT: 5.265
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx$
m: 1.00000
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 7.730
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: 7.41915
x: Amount Ratio
y: Area Ratio

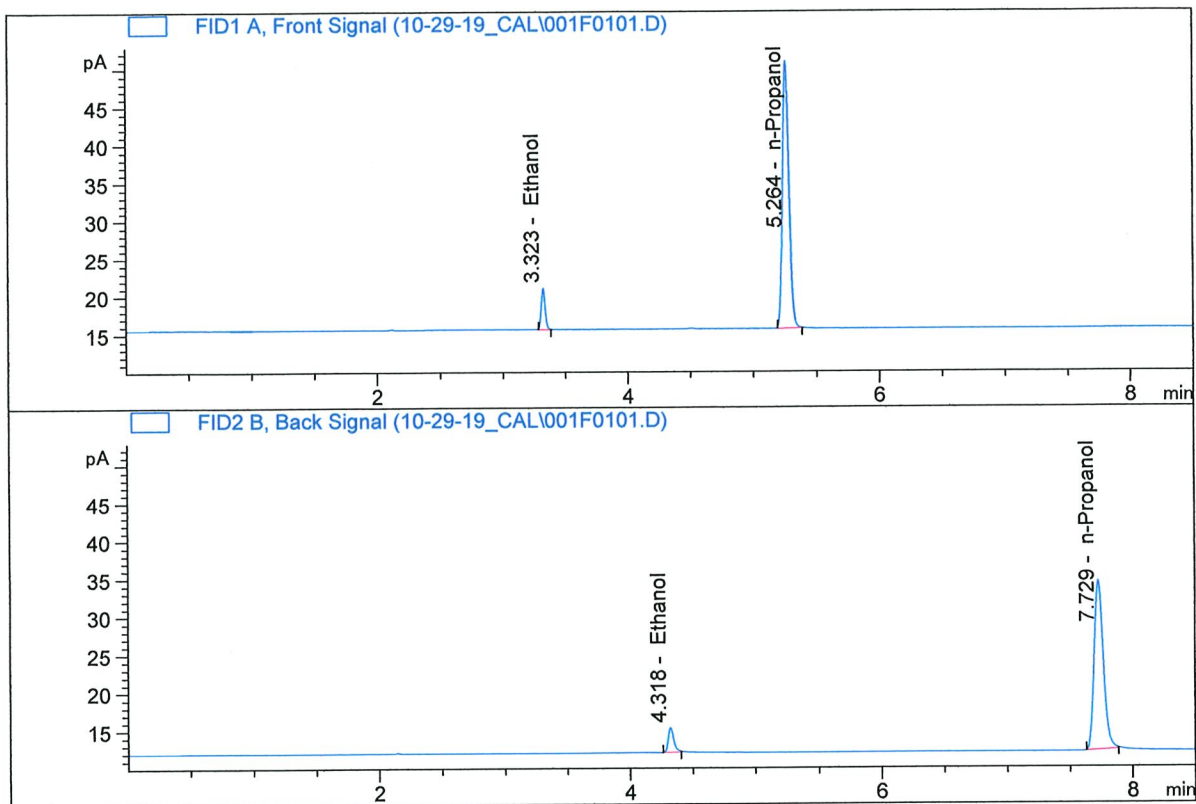


Toluene at exp. RT: 12.229
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx$
m: 7.31811
x: Amount Ratio
y: Area Ratio

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050
 Laboratory : Pocatello
 Injection Date : Oct 29, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

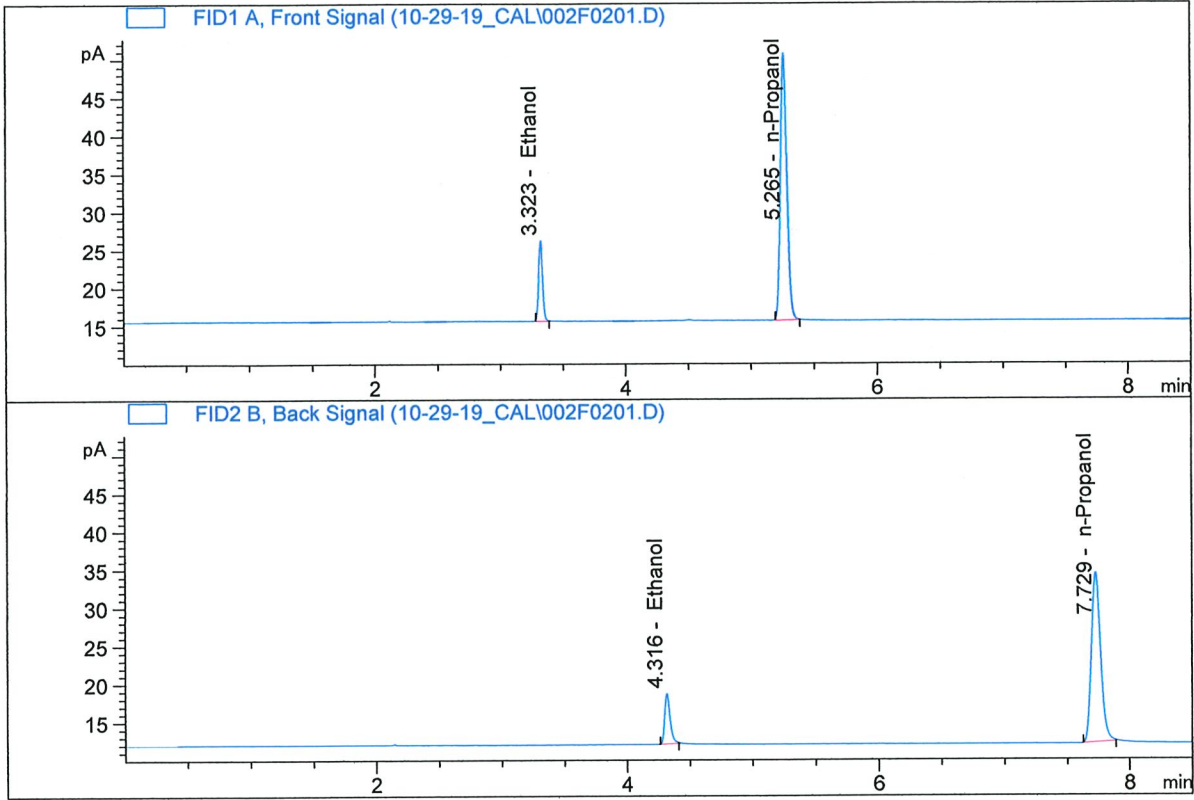


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.00365	0.0509	g/100cc
2.	Ethanol	Column 2:	10.05801	0.0461	g/100cc
3.	n-Propanol	Column 1:	125.50832	1.0000	g/100cc
4.	n-Propanol	Column 2:	116.56901	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100
 Laboratory : Pocatello
 Injection Date : Oct 29, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

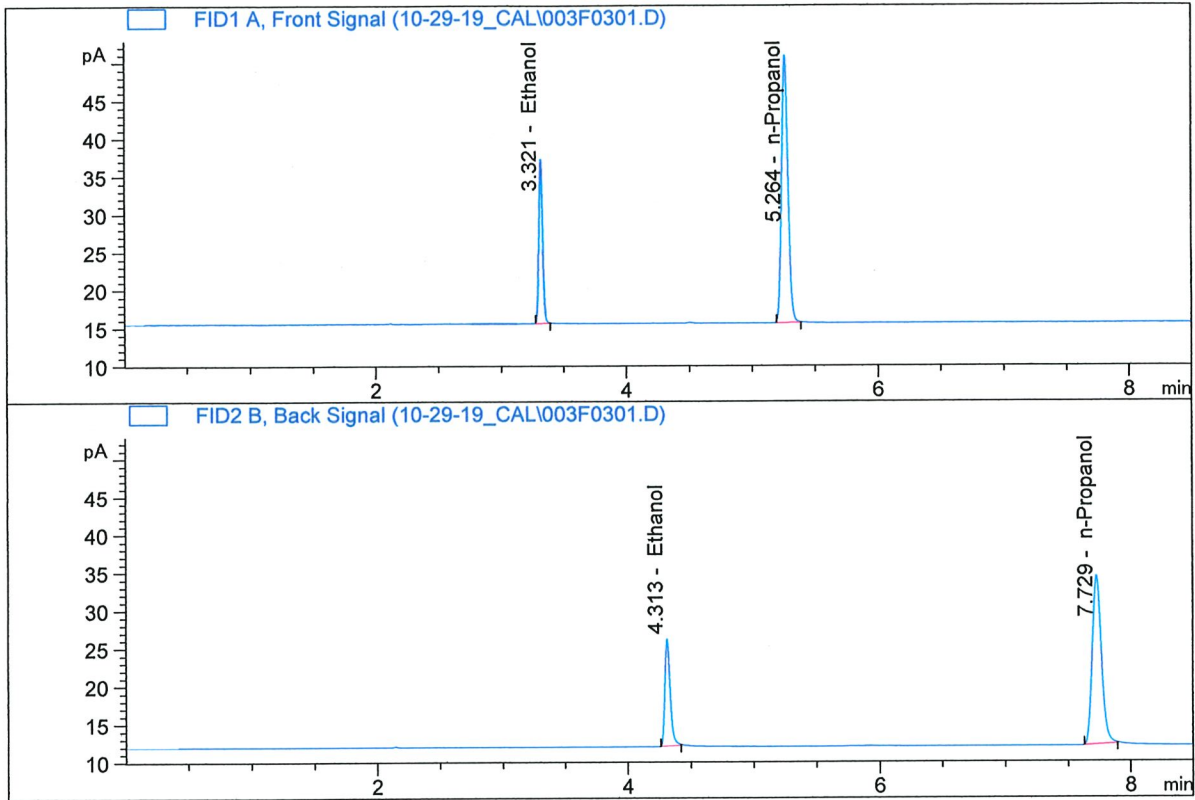


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	23.45605	0.0999	g/100cc
2.	Ethanol	Column 2:	20.18982	0.0930	g/100cc
3.	n-Propanol	Column 1:	124.93118	1.0000	g/100cc
4.	n-Propanol	Column 2:	115.94621	1.0000	g/100cc

CHC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200
 Laboratory : Pocatello
 Injection Date : Oct 29, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

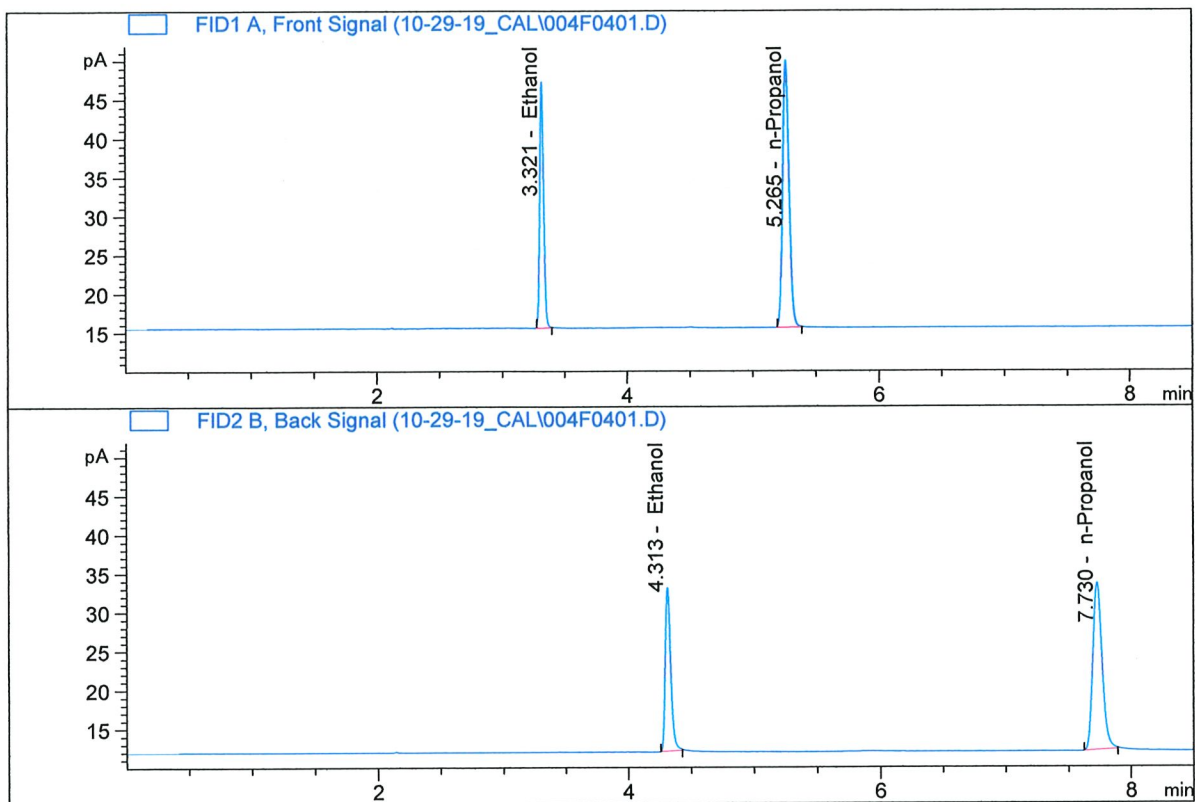


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	47.39912	0.2000	g/100cc
2.	Ethanol	Column 2:	42.27340	0.1939	g/100cc
3.	n-Propanol	Column 1:	126.03474	1.0000	g/100cc
4.	n-Propanol	Column 2:	116.50044	1.0000	g/100cc

Handwritten signature/initials in blue ink.

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300
 Laboratory : Pocatello
 Injection Date : Oct 29, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

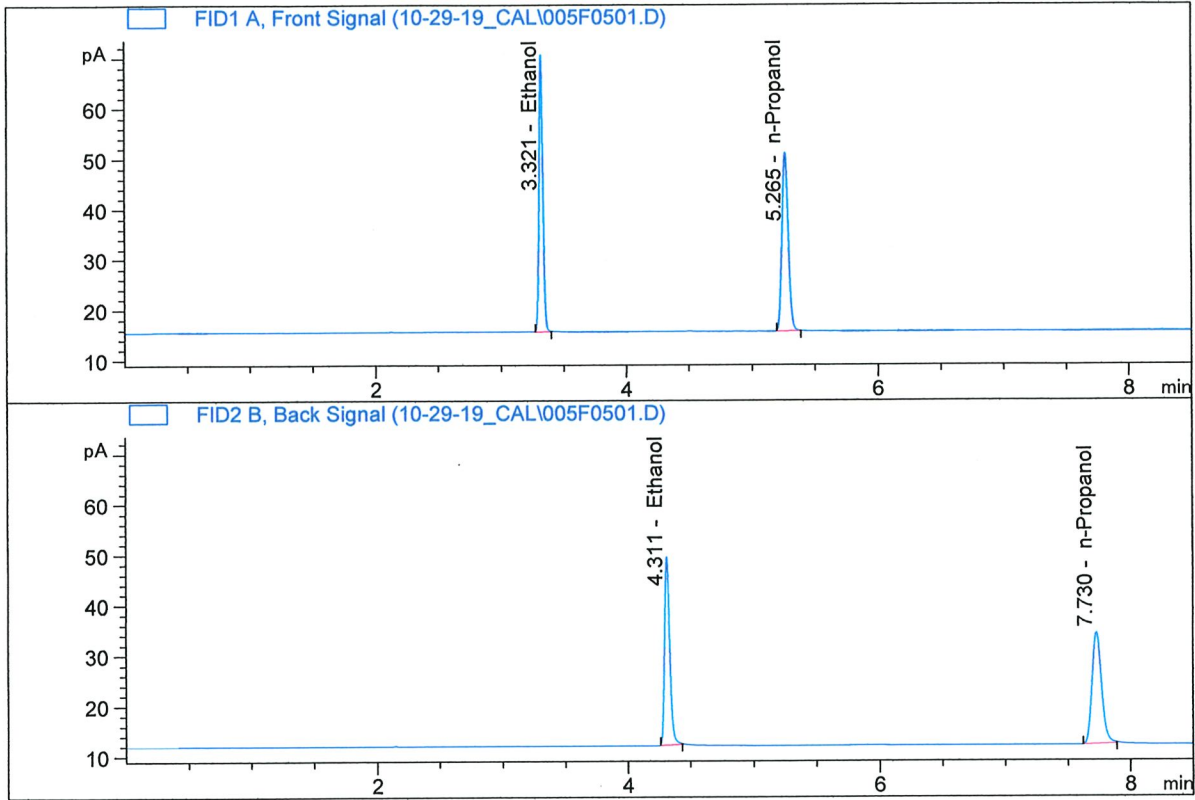


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	69.02187	0.2992	g/100cc
2.	Ethanol	Column 2:	62.54695	0.2957	g/100cc
3.	n-Propanol	Column 1:	122.68343	1.0000	g/100cc
4.	n-Propanol	Column 2:	113.00988	1.0000	g/100cc

WRC

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500
 Laboratory : Pocatello
 Injection Date : Oct 29, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

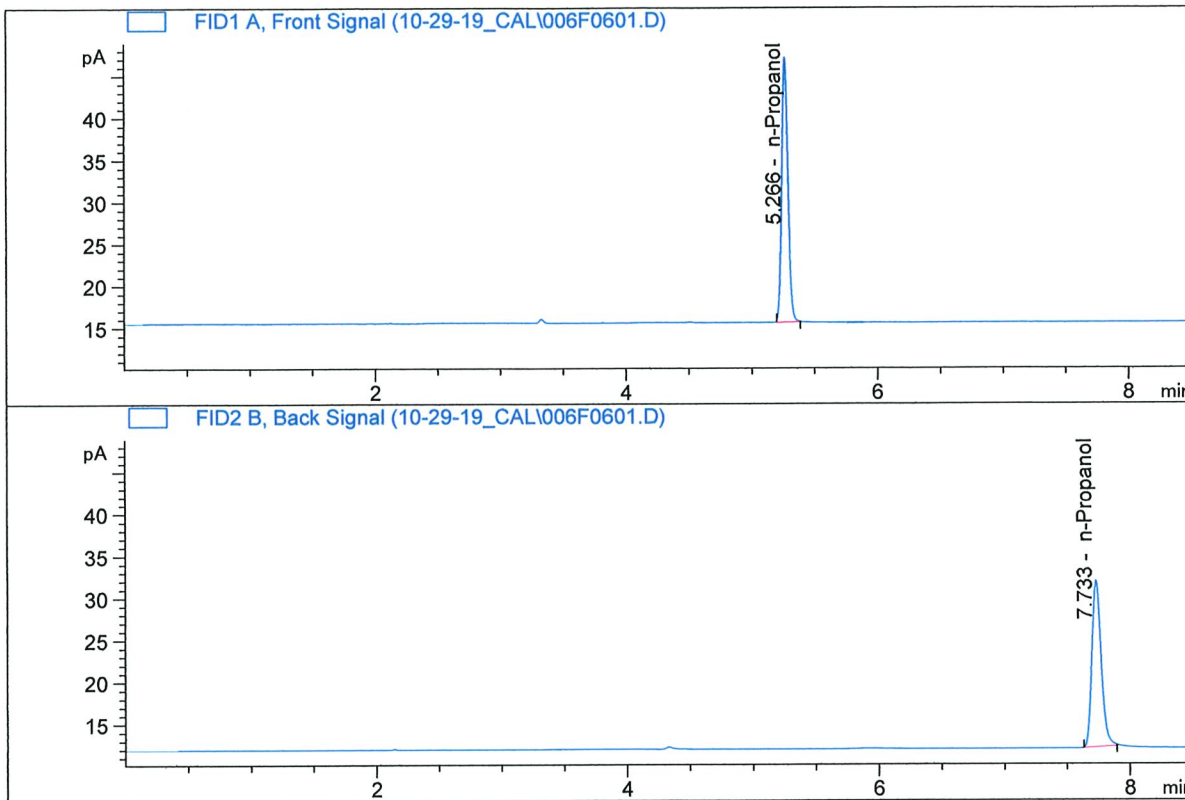


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	119.05299	0.5004	g/100cc
2.	Ethanol	Column 2:	109.94393	0.5068	g/100cc
3.	n-Propanol	Column 1:	126.54199	1.0000	g/100cc
4.	n-Propanol	Column 2:	115.91987	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD
 Laboratory : Pocatello
 Injection Date : Oct 29, 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:	112.23502	1.0000	g/100cc
4.	n-Propanol	Column 2:	103.84207	1.0000	g/100cc

JFC

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

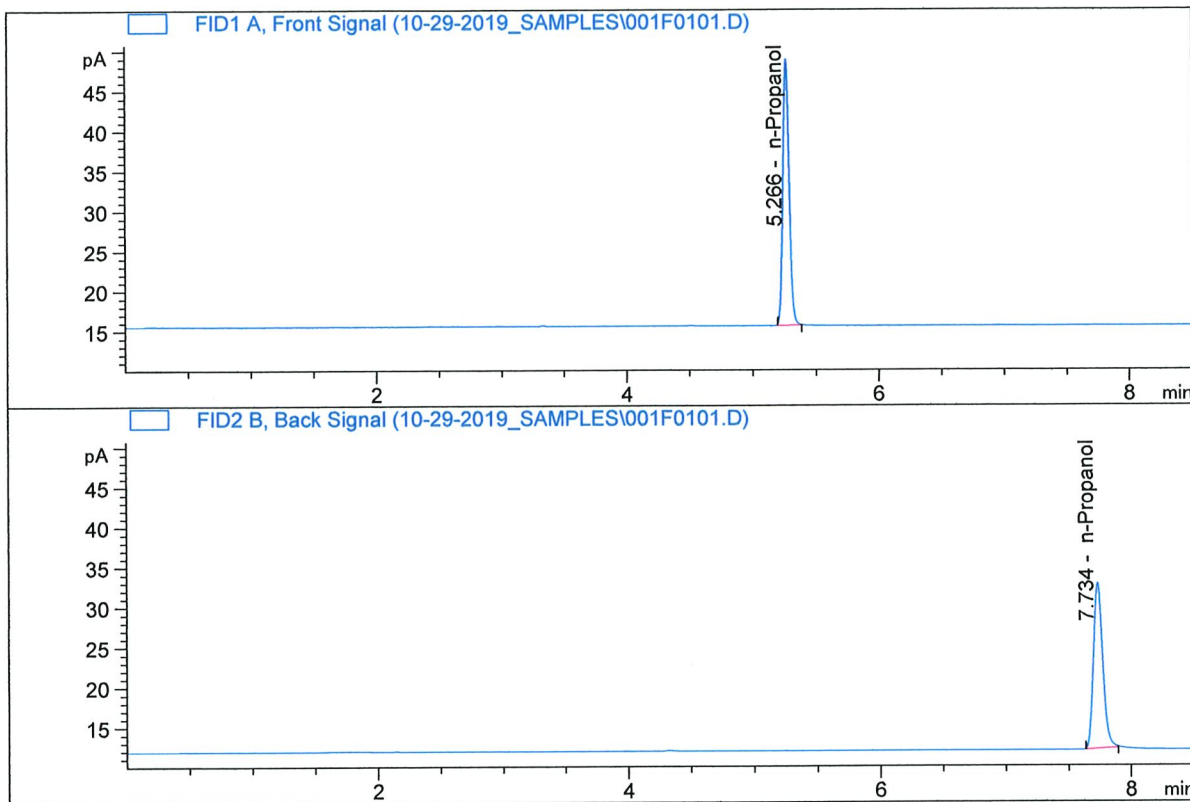
Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_29.10.2019_01.26.13\MASTERCAL.S
 Data directory path: C:\Chem32\1\Data\10-29-19_CAL
 Logbook: C:\Chem32\1\Data\10-29-19_CAL\MASTERCAL.LOG
 Sequence start: 10/29/2019 1:40:11 PM
 Sequence Operator: SYSTEM
 Operator: SYSTEM

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	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	INTERNAL STANDAR	-	1.0000	006F0601.D		2

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD 1
 Laboratory : Pocatello
 Injection Date : Oct 29, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

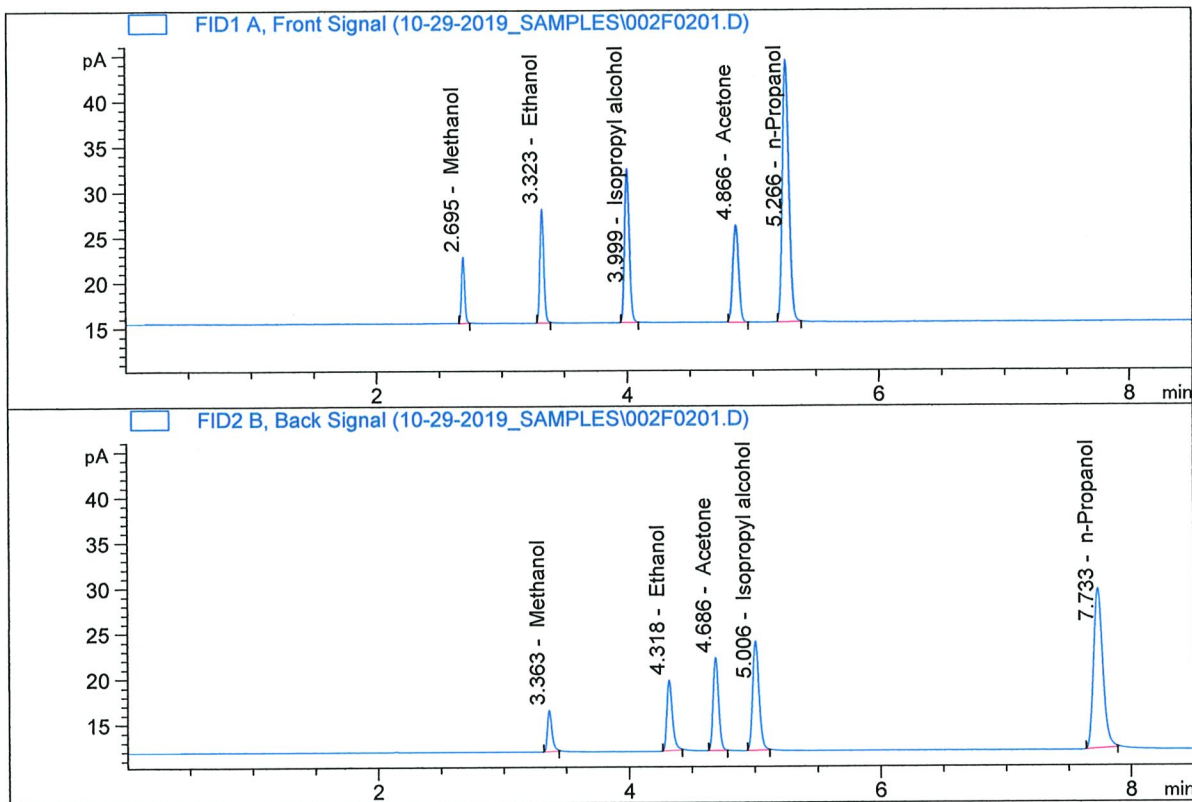


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	118.41187	1.0000	g/100cc
4.	n-Propanol	Column 2:	108.75996	1.0000	g/100cc

AC

ISP Forensic Services Blood Alcohol Report

Sample Name : MULTI-COMP MIX
 Laboratory : Pocatello
 Injection Date : Oct 29, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

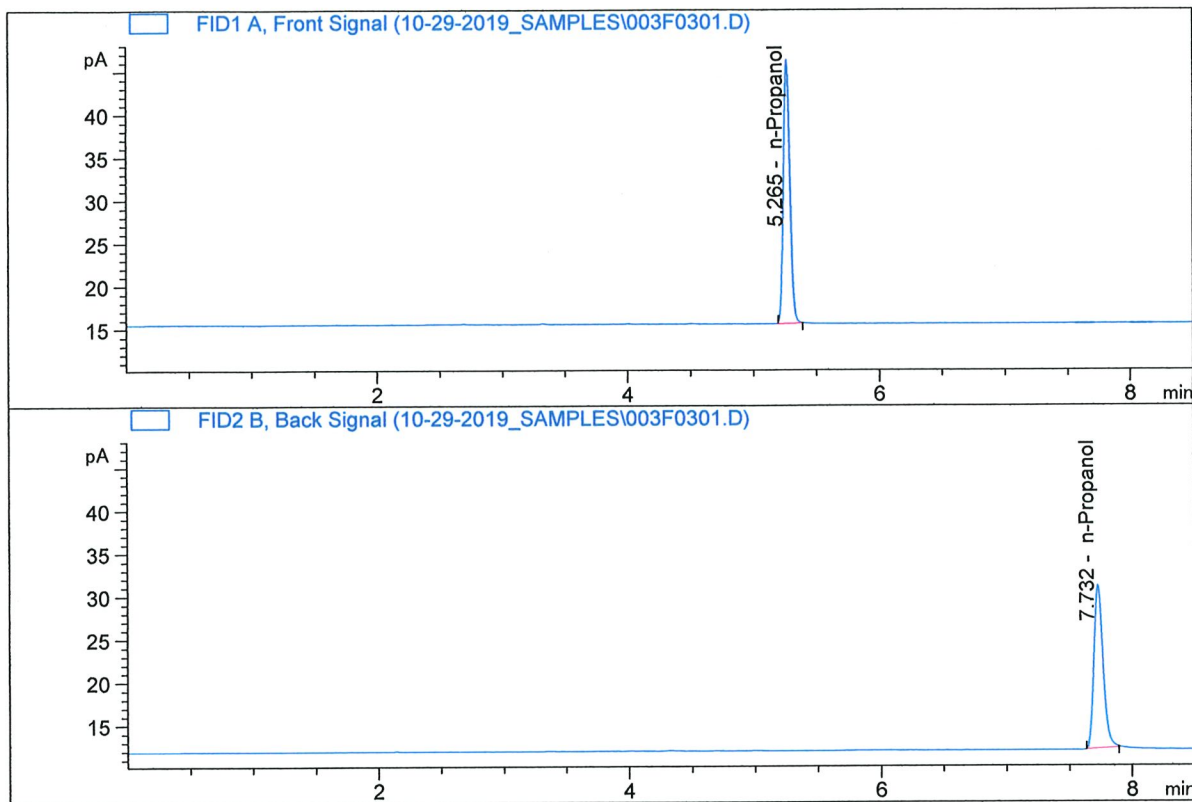


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.60797	0.1427	g/100cc
2.	Ethanol	Column 2:	23.69861	0.1364	g/100cc
3.	n-Propanol	Column 1:	102.88367	1.0000	g/100cc
4.	n-Propanol	Column 2:	92.82320	1.0000	g/100cc

YRC

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD 2
 Laboratory : Pocatello
 Injection Date : Oct 29, 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:	109.47819	1.0000	g/100cc
4.	n-Propanol	Column 2:	100.04311	1.0000	g/100cc

JHC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 29 Oct 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0801	0.0734	0.0067	0.0767	0.0770	
(g/100cc)	0.0803	0.0743	0.0060	0.0773		

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
0.077	0.073	0.081	0.004

	Reported Result	
	0.077	

Calibration and control data are stored centrally.



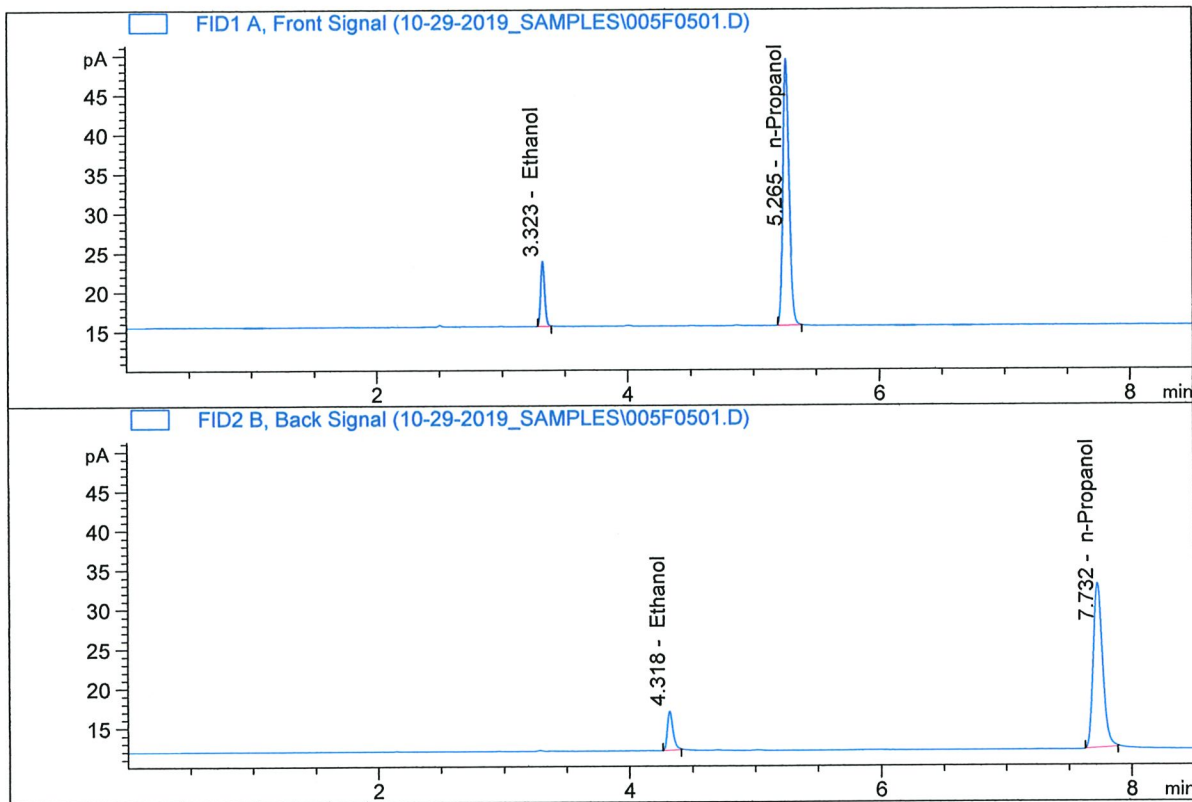
Revision: 1

Issue Date: 01/04/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
 Laboratory : Pocatello
 Injection Date : Oct 29, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

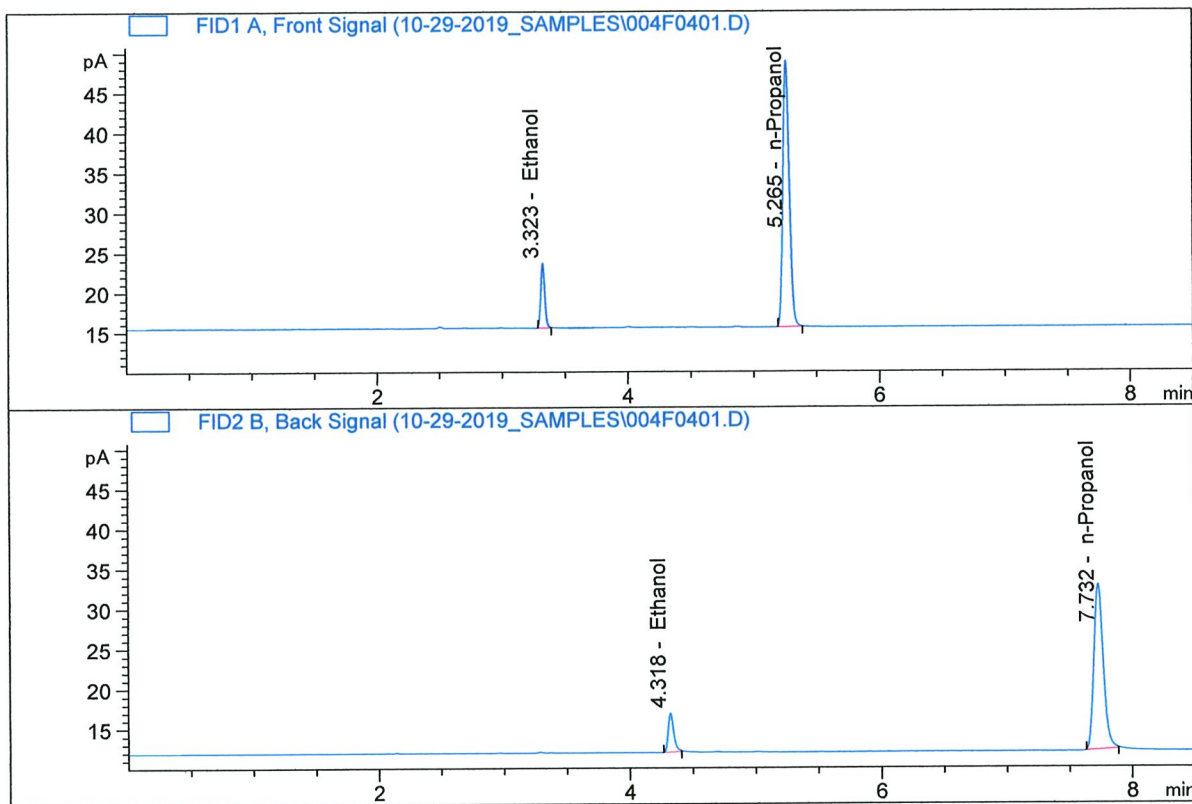


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.13133	0.0803	g/100cc
2.	Ethanol	Column 2:	15.26617	0.0743	g/100cc
3.	n-Propanol	Column 1:	120.09515	1.0000	g/100cc
4.	n-Propanol	Column 2:	109.78765	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
 Laboratory : Pocatello
 Injection Date : Oct 29, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.85934	0.0801	g/100cc
2.	Ethanol	Column 2:	14.90940	0.0734	g/100cc
3.	n-Propanol	Column 1:	118.65237	1.0000	g/100cc
4.	n-Propanol	Column 2:	108.52343	1.0000	g/100cc

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 08 QA

Analysis Date(s): 29 Oct 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0794	0.0734	0.0060	0.0764	0.0764	
(g/100cc)	0.0795	0.0734	0.0061	0.0764		

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.



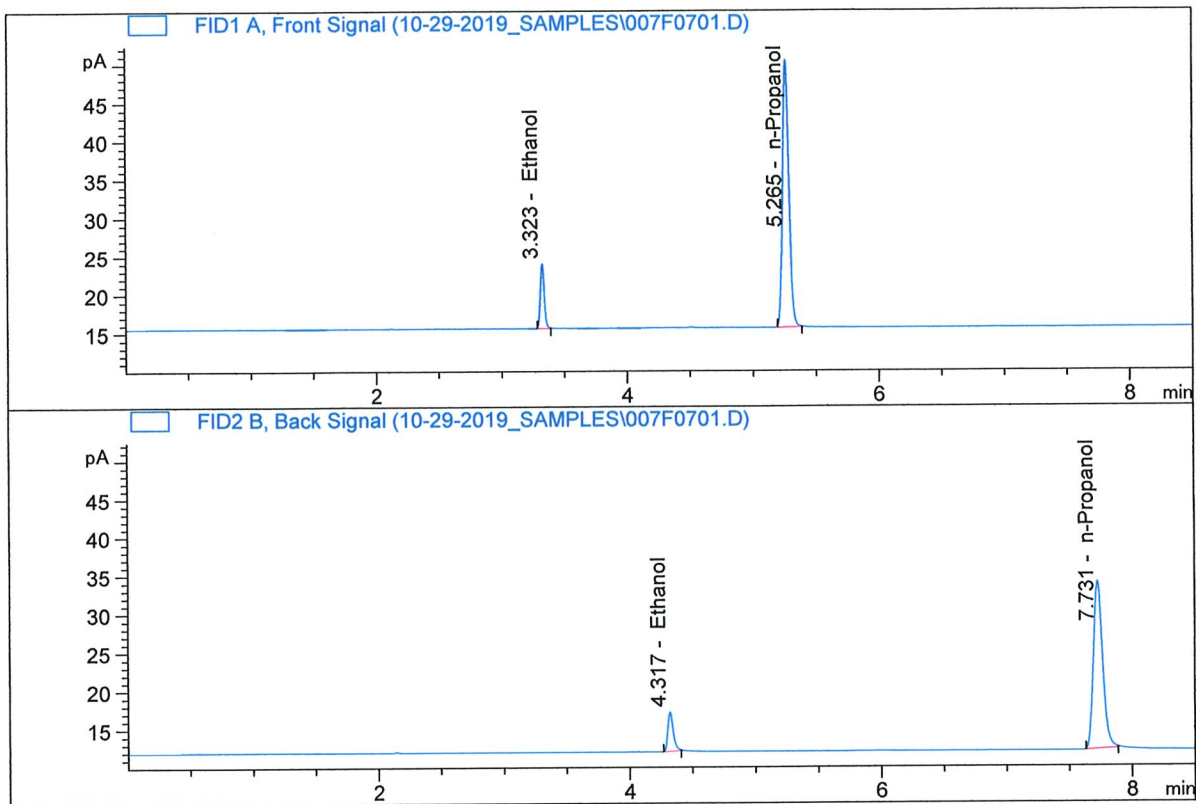
Revision: 1

Issue Date: 01/04/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : 08 QA-B
 Laboratory : Pocatello
 Injection Date : Oct 29, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

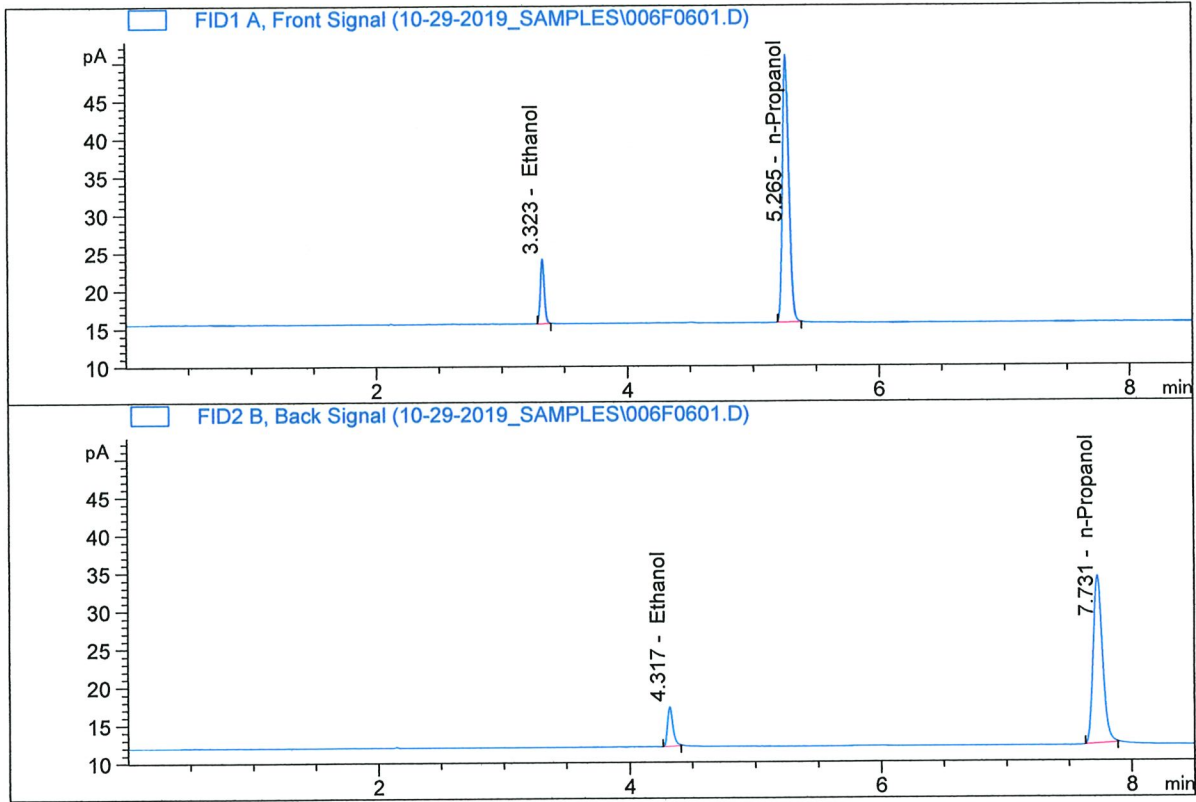


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.55156	0.0795	g/100cc
2.	Ethanol	Column 2:	15.69335	0.0734	g/100cc
3.	n-Propanol	Column 1:	124.14046	1.0000	g/100cc
4.	n-Propanol	Column 2:	114.29783	1.0000	g/100cc

CRC

ISP Forensic Services Blood Alcohol Report

Sample Name : 08 QA-A
 Laboratory : Pocatello
 Injection Date : Oct 29, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.70004	0.0794	g/100cc
2.	Ethanol	Column 2:	15.86803	0.0734	g/100cc
3.	n-Propanol	Column 1:	125.29688	1.0000	g/100cc
4.	n-Propanol	Column 2:	115.49392	1.0000	g/100cc

JRC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1

Analysis Date(s): 29 Oct 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1992	0.1936	0.0056	0.1964	0.1977	
(g/100cc)	0.2006	0.1977	0.0029	0.1991		

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
0.197	0.187	0.207	0.010

	Reported Result	
	0.197	

Calibration and control data are stored centrally.



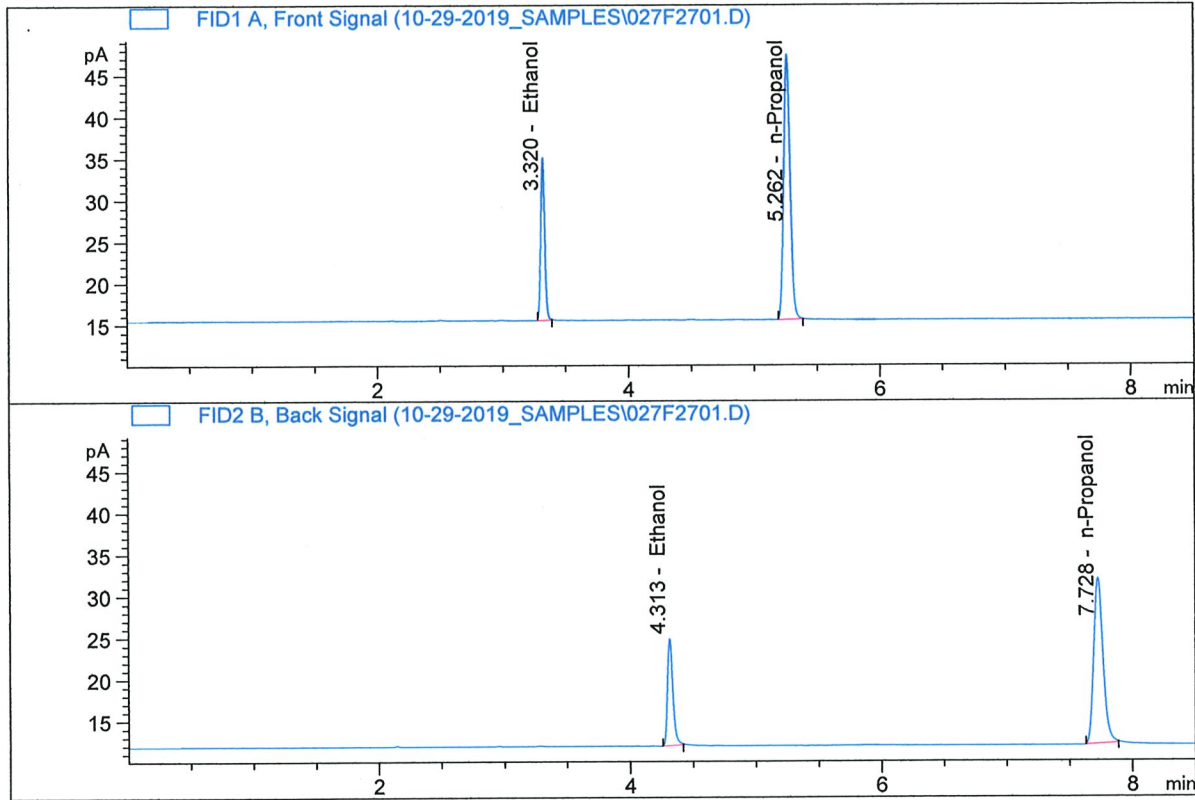
Revision: 1

Issue Date: 01/04/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
 Laboratory : Pocatello
 Injection Date : Oct 29, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

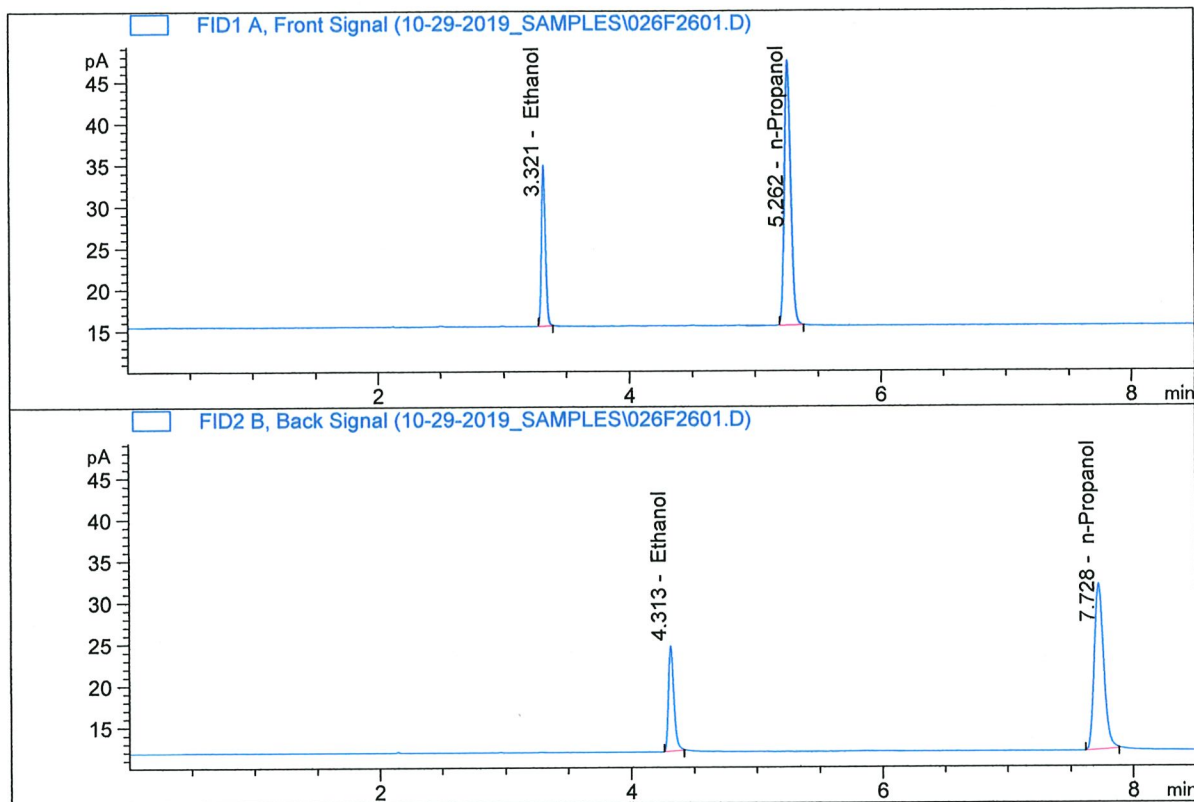


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	42.87197	0.2006	g/100cc
2.	Ethanol	Column 2:	38.65602	0.1977	g/100cc
3.	n-Propanol	Column 1:	113.64682	1.0000	g/100cc
4.	n-Propanol	Column 2:	104.50198	1.0000	g/100cc

Handwritten signature/initials: JRC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
 Laboratory : Pocatello
 Injection Date : Oct 29, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	42.55597	0.1992	g/100cc
2.	Ethanol	Column 2:	38.00452	0.1936	g/100cc
3.	n-Propanol	Column 1:	113.59752	1.0000	g/100cc
4.	n-Propanol	Column 2:	104.90548	1.0000	g/100cc

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2

Analysis Date(s): 30 Oct 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0797	0.0742	0.0055	0.0769	0.0773	
(g/100cc)	0.0805	0.0751	0.0054	0.0778		

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
0.077	0.073	0.081	0.004

	Reported Result	
	0.077	

Calibration and control data are stored centrally.



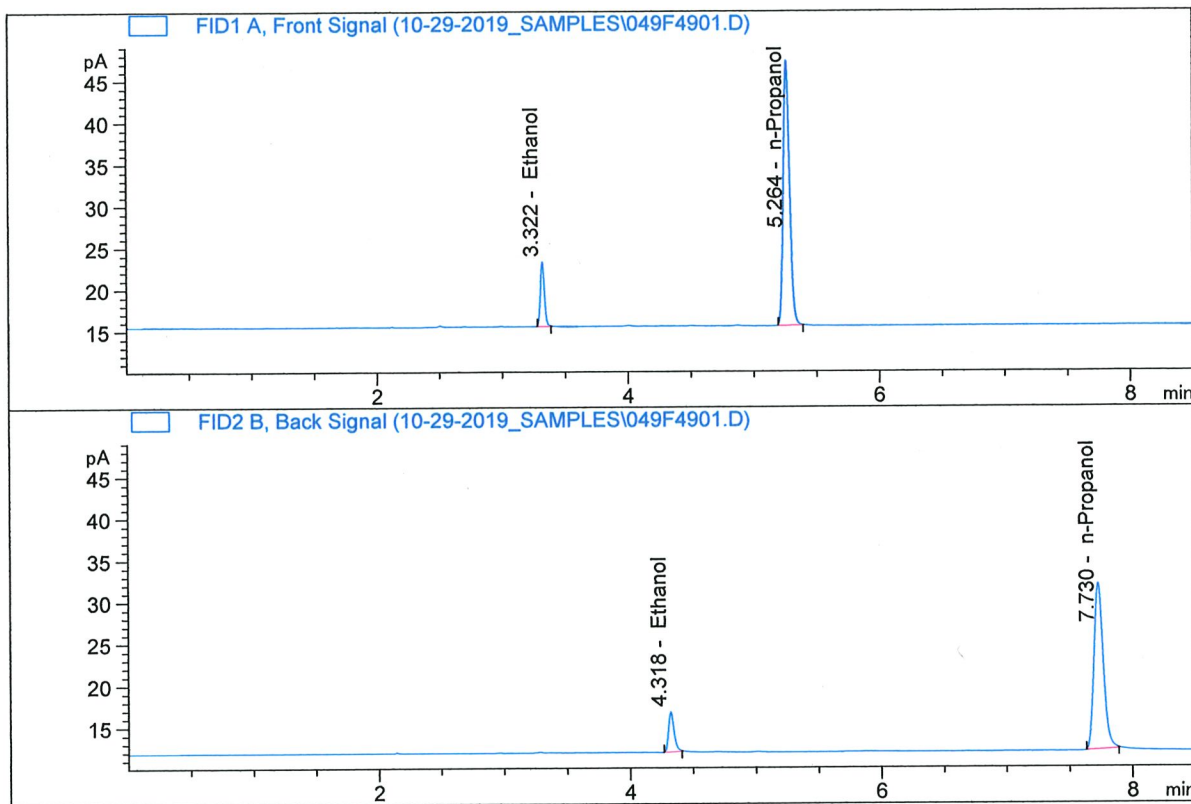
Revision: 1

Issue Date: 01/04/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
 Laboratory : Pocatello
 Injection Date : Oct 30, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

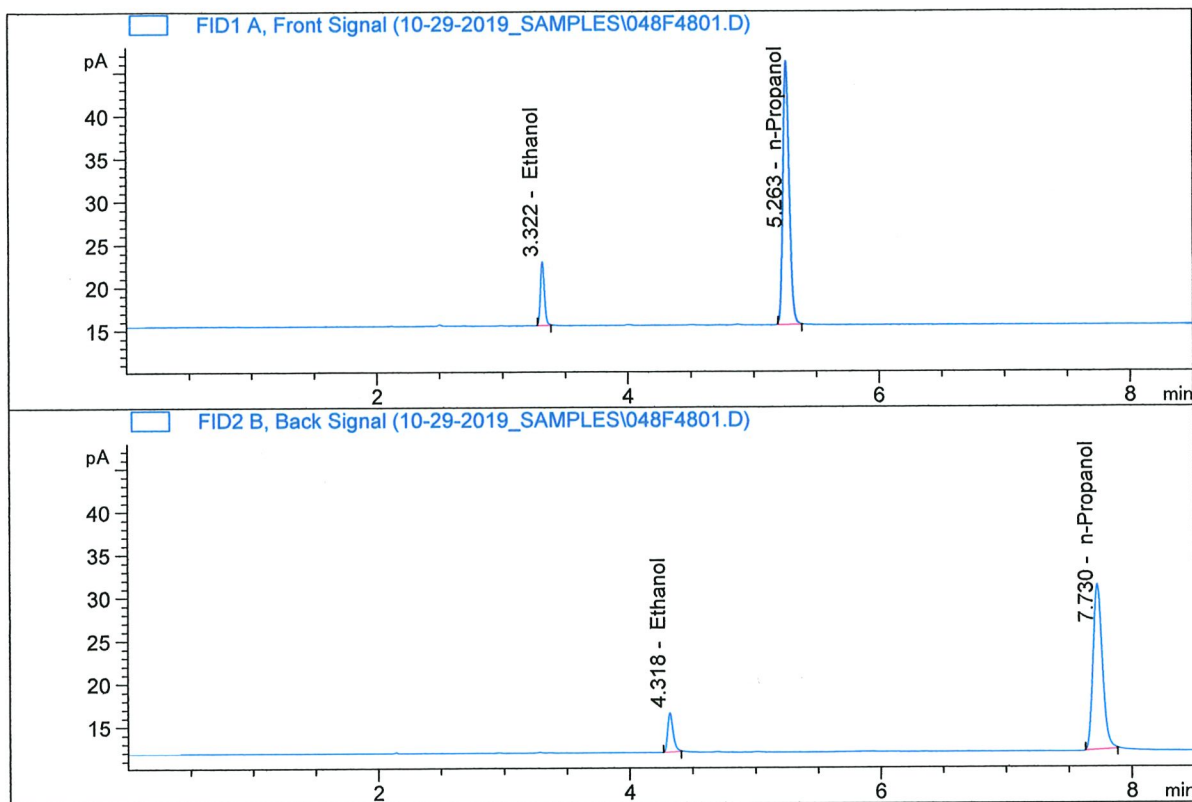


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.11292	0.0805	g/100cc
2.	Ethanol	Column 2:	14.71041	0.0751	g/100cc
3.	n-Propanol	Column 1:	113.10406	1.0000	g/100cc
4.	n-Propanol	Column 2:	104.67649	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
 Laboratory : Pocatello
 Injection Date : Oct 30, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.39926	0.0797	g/100cc
2.	Ethanol	Column 2:	14.01855	0.0742	g/100cc
3.	n-Propanol	Column 1:	109.38017	1.0000	g/100cc
4.	n-Propanol	Column 2:	100.99117	1.0000	g/100cc

Handwritten signature/initials

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2

Analysis Date(s): 30 Oct 2019

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2008	0.1966	0.0042	0.1987	0.2002	
(g/100cc)	0.2043	0.1992	0.0051	0.2017		

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
0.200	0.190	0.210	0.010

	Reported Result	
	0.200	

Calibration and control data are stored centrally.



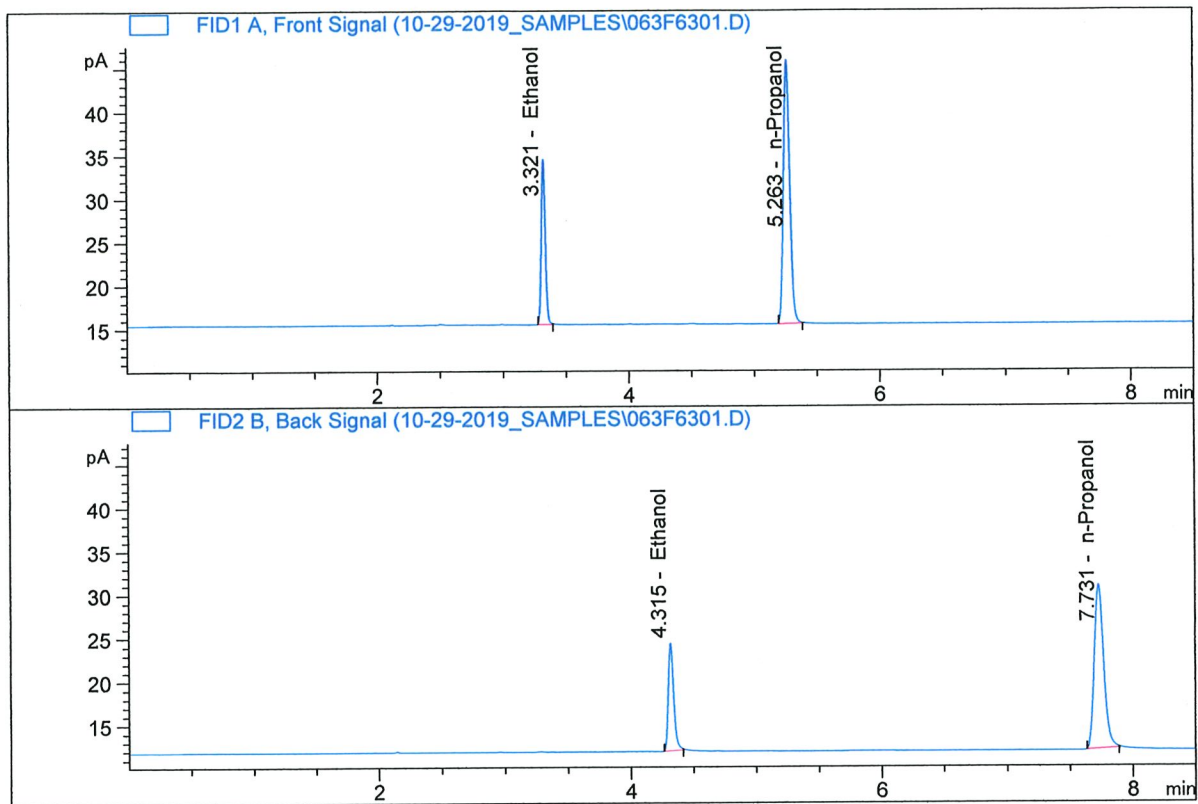
Revision: 1

Issue Date: 01/04/2019

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
 Laboratory : Pocatello
 Injection Date : Oct 30, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

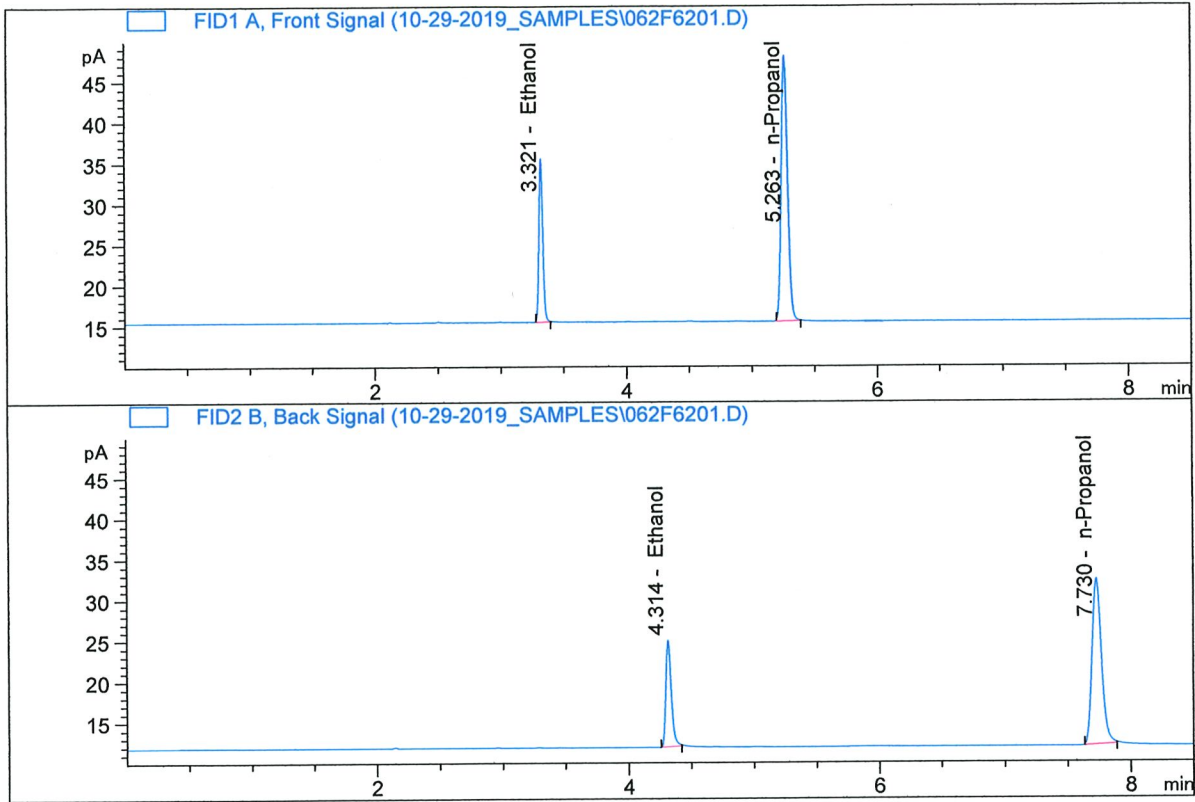


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	41.45862	0.2043	g/100cc
2.	Ethanol	Column 2:	36.95530	0.1992	g/100cc
3.	n-Propanol	Column 1:	107.91135	1.0000	g/100cc
4.	n-Propanol	Column 2:	99.14011	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
 Laboratory : Pocatello
 Injection Date : Oct 30, 2019
 Method : ALCOHOL.M
 Acq. Instrument: CN10742043-IT00741010

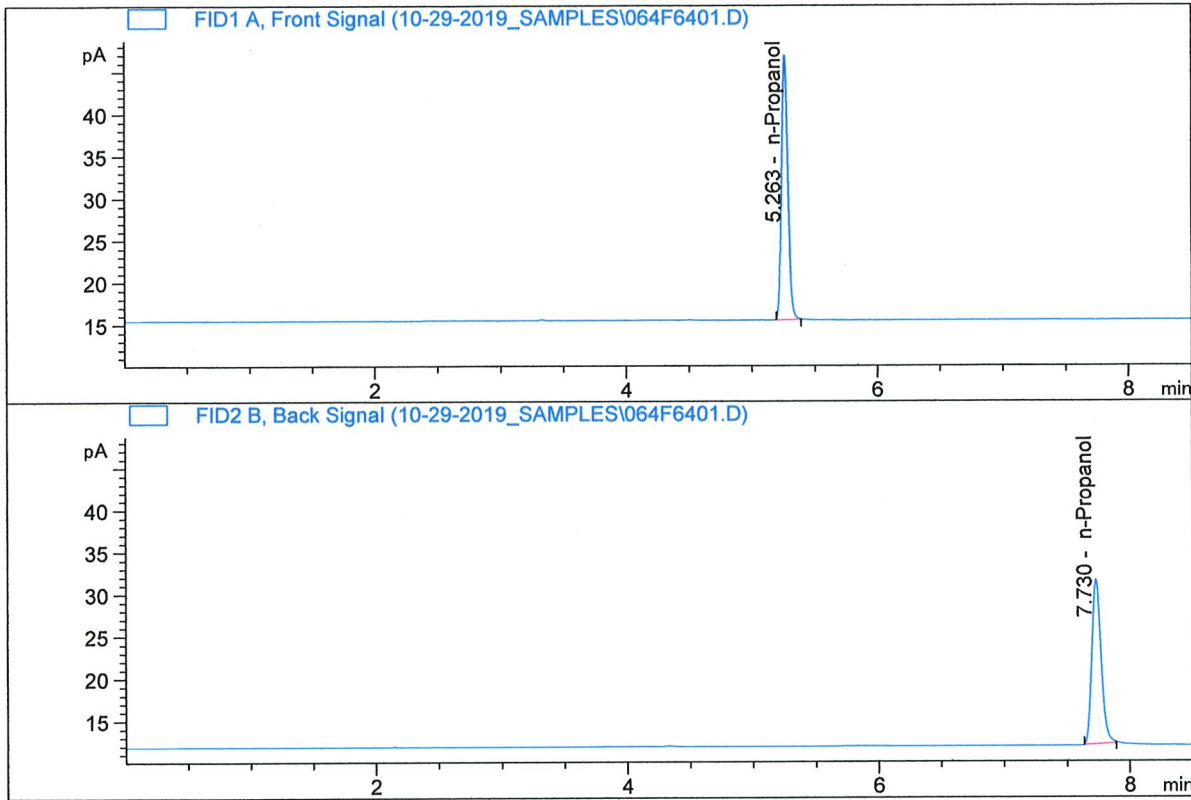


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.74614	0.2008	g/100cc
2.	Ethanol	Column 2:	39.29204	0.1966	g/100cc
3.	n-Propanol	Column 1:	115.85689	1.0000	g/100cc
4.	n-Propanol	Column 2:	106.78047	1.0000	g/100cc

JHC

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD 3
 Laboratory : Pocatello
 Injection Date : Oct 30, 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:	111.36094	1.0000	g/100cc
4.	n-Propanol	Column 2:	102.42477	1.0000	g/100cc

HC

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_29.10.2019_04.17.17\10-29-19RC.S
 Data directory path: C:\Chem32\1\Data\10-29-2019_SAMPLES
 Logbook: C:\Chem32\1\Data\10-29-2019_SAMPLES\10-29-19RC.LOG
 Sequence start: 10/29/2019 4:31:37 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	INT STD 1	-	1.0000	001F0101.D		2
2	2	1	MULTI-COMP MIX	-	1.0000	002F0201.D		10
3	3	1	INT STD 2	-	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	P2019-3037-1-A	-	1.0000	008F0801.D		6
9	9	1	P2019-3037-1-B	-	1.0000	009F0901.D		6
10	10	1	P2019-3038-1-A	-	1.0000	010F1001.D		5
11	11	1	P2019-3038-1-B	-	1.0000	011F1101.D		5
12	12	1	P2019-3038-2-A	-	1.0000	012F1201.D		4
13	13	1	P2019-3038-2-B	-	1.0000	013F1301.D		4
14	14	1	P2019-3046-1-A	-	1.0000	014F1401.D		5
15	15	1	P2019-3046-1-B	-	1.0000	015F1501.D		6
16	16	1	P2019-3085-1-A	-	1.0000	016F1601.D		2
17	17	1	P2019-3085-1-B	-	1.0000	017F1701.D		2
18	18	1	P2019-3088-1-A	-	1.0000	018F1801.D		6
19	19	1	P2019-3088-1-B	-	1.0000	019F1901.D		6
20	20	1	P2019-3089-1-A	-	1.0000	020F2001.D		6
21	21	1	P2019-3089-1-B	-	1.0000	021F2101.D		6
22	22	1	P2019-3101-1-A	-	1.0000	022F2201.D		6
23	23	1	P2019-3101-1-B	-	1.0000	023F2301.D		6
24	24	1	P2019-3114-1-A	-	1.0000	024F2401.D		2
25	25	1	P2019-3114-1-B	-	1.0000	025F2501.D		2
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	P2019-3131-1-A	-	1.0000	028F2801.D		6
29	29	1	P2019-3131-1-B	-	1.0000	029F2901.D		6
30	30	1	P2019-3167-1-A	-	1.0000	030F3001.D		6
31	31	1	P2019-3167-1-B	-	1.0000	031F3101.D		6
32	32	1	P2019-3168-1-A	-	1.0000	032F3201.D		6
33	33	1	P2019-3168-1-B	-	1.0000	033F3301.D		6
34	34	1	P2019-3169-1-A	-	1.0000	034F3401.D		2
35	35	1	P2019-3169-1-B	-	1.0000	035F3501.D		2
36	36	1	P2019-3189-1-A	-	1.0000	036F3601.D		2
37	37	1	P2019-3189-1-B	-	1.0000	037F3701.D		2
38	38	1	P2019-3190-1-A	-	1.0000	038F3801.D		6
39	39	1	P2019-3190-1-B	-	1.0000	039F3901.D		6
40	40	1	P2019-3196-1-A	-	1.0000	040F4001.D		6
41	41	1	P2019-3196-1-B	-	1.0000	041F4101.D		6
42	42	1	P2019-3202-1-A	-	1.0000	042F4201.D		4
43	43	1	P2019-3202-1-B	-	1.0000	043F4301.D		4
44	44	1	P2019-3207-1-A	-	1.0000	044F4401.D		6
45	45	1	P2019-3207-1-B	-	1.0000	045F4501.D		6
46	46	1	P2019-3218-1-A	-	1.0000	046F4601.D		2

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	Cmp
47	47	1	P2019-3218-1-B	-	1.0000	047F4701.D		2
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	P2019-3219-1-A	-	1.0000	050F5001.D		4
51	51	1	P2019-3219-1-B	-	1.0000	051F5101.D		5
52	52	1	P2019-3245-1-A	-	1.0000	052F5201.D		4
53	53	1	P2019-3245-1-B	-	1.0000	053F5301.D		4
54	54	1	P2019-3254-1-A	-	1.0000	054F5401.D		4
55	55	1	P2019-3254-1-B	-	1.0000	055F5501.D		4
56	56	1	P2019-3283-1-A	-	1.0000	056F5601.D		2
57	57	1	P2019-3283-1-B	-	1.0000	057F5701.D		2
58	58	1	P2019-3285-1-A	-	1.0000	058F5801.D		2
59	59	1	P2019-3285-1-B	-	1.0000	059F5901.D		2
60	60	1	P2019-3285-2-A	-	1.0000	060F6001.D		2
61	61	1	P2019-3285-2-B	-	1.0000	061F6101.D		2
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 3	-	1.0000	064F6401.D		2