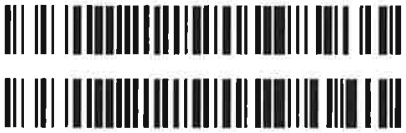
Worklist: 2893

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
P2018-3645	1	135697	Alcohol Analysis
P2018-3646	1	135698	Alcohol Analysis
P2019-0008	1	135814	Alcohol Analysis
P2019-0009	1	135818	Alcohol Analysis
P2019-0010	1	135819	Alcohol Analysis
P2019-0028	1	135859	Alcohol Analysis
P2019-0063	1	136224	Alcohol Analysis
P2019-0065	1	136228	Alcohol Analysis
P2019-0077	2	136262	Alcohol Analysis
P2019-0086	1	136303	Alcohol Analysis
P2019-0087	1	136305	Alcohol Analysis
P2019-0088	1	136306	Alcohol Analysis
P2019-0089	1	136310	Alcohol Analysis
P2019-0101	1	136341	Alcohol Analysis
P2019-0102	1	136381	Alcohol Analysis
P2019-0112	1	136602	Alcohol Analysis
P2019-0113	1	136603	Alcohol Analysis
P2019-0126	1	136674	Alcohol Analysis
P2019-0128	1	136689	Alcohol Analysis
P2019-0128	2	136693	Alcohol Analysis
P2019-0135	1	136724	Alcohol Analysis
P2019-0137	1	136730	Alcohol Analysis
P2019-0138	1	136734	Alcohol Analysis

Worklist: 2893

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
P2019-0139	1	136735	Alcohol Analysis
P2019-0140	1	136736	Alcohol Analysis



Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 503A Liquid Processor/Dilutor Serial Number:

Volatiles Quality Assurance Controls **Run Date(s): 1/18/19 and 1/19/19**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731 - 0.0893	0.0767 g/100cc
					0.0785 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832 - 0.2238	0.1958 g/100cc
					0.2029 g/100cc
					g/100cc
Multi-Component mixture:			**Lot #**	11918	
Curve Fit:		**Column 1**	0.99999	**Column2**	0.99988

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0496	0.0465	0.0031	0.048
100	0.100	0.090 - 0.110	0.0991	0.0946	0.0045	0.0968
200	0.200	0.180 - 0.220	0.1990	0.1957	0.0033	0.1973
300	0.300	0.270 - 0.330	0.2989	0.2969	0.002	0.2979
500	0.500	0.450 - 0.550	0.5013	0.5050	0.0037	0.5031

Aqueous Controls

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

RC

Revision: 1
Issue Date: 01/03/2019
Issuing Authority: Quality Manager

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

Calibration Table

General Calibration Setting

Calib. Data Modified : Friday, January 18, 2019 5:18:22 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

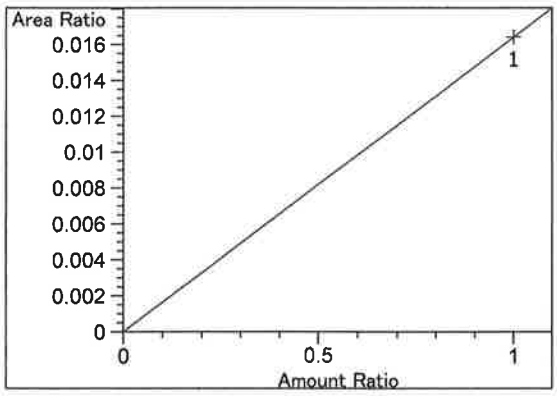
KC

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.095	1	1	1.00000	1.84105	5.43168e-1	No	No	1	Fluorinated Ethane
2.230	2	1	1.00000	6.45200	1.54991e-1	No	No	2	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
3.318	1	1	5.00000e-2	11.08219	4.51174e-3	No	No	1	Ethanol
		2	1.00000e-1	22.95037	4.35723e-3				
		3	2.00000e-1	45.94645	4.35289e-3				
		4	3.00000e-1	69.72309	4.30274e-3				
		5	5.00000e-1	120.20458	4.15958e-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
4.332	2	1	5.00000e-2	10.03043	4.98483e-3	No	No	2	Ethanol
		2	1.00000e-1	21.10383	4.73848e-3				
		3	2.00000e-1	43.20987	4.62857e-3				
		4	3.00000e-1	65.91959	4.55100e-3				
		5	5.00000e-1	114.52809	4.36574e-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
5.260	1	1	1.00000	112.10493	8.92021e-3	No	Yes	1	n-Propanol
		2	1.00000	116.21644	8.60463e-3				
		3	1.00000	115.84257	8.63241e-3				
		4	1.00000	117.02191	8.54541e-3				
		5	1.00000	120.31689	8.31138e-3				
		6	1.00000	111.45872	8.97193e-3				
7.659	2	1	1.00000	5.98700	1.67029e-1	No	No	2	Ethyl Acetate
7.785	2	1	1.00000	108.83350	9.18835e-3	No	Yes	2	n-Propanol
		2	1.00000	112.72170	8.87141e-3				
		3	1.00000	111.51083	8.96774e-3				
		4	1.00000	112.12194	8.91886e-3				
		5	1.00000	114.54537	8.73017e-3				
		6	1.00000	113.50471	8.81021e-3				
8.420	1	1	1.00000	5.56500	1.79695e-1	No	No	1	Ethyl Acetate
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

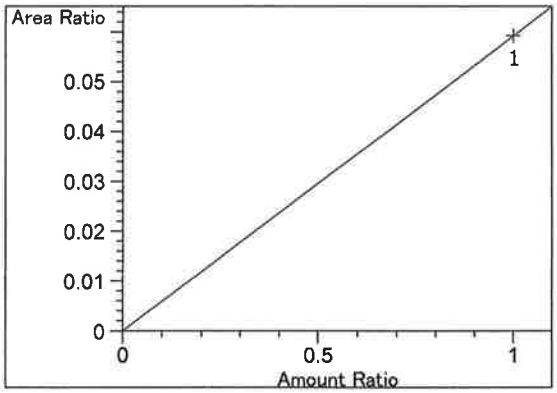
Peak Sum Table

No Entries in table

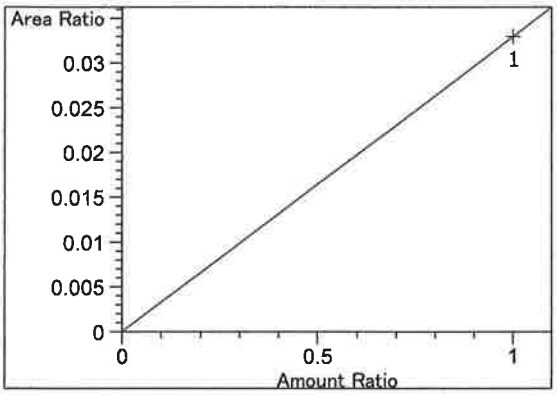
Calibration Curves



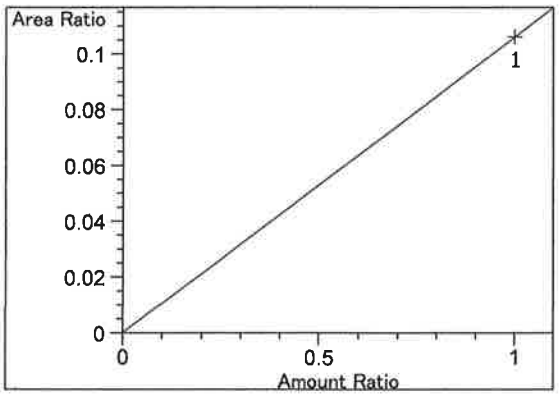
Fluorinated Ethane at exp. RT: 2.095
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.64226e-2
x: Amount Ratio
y: Area Ratio



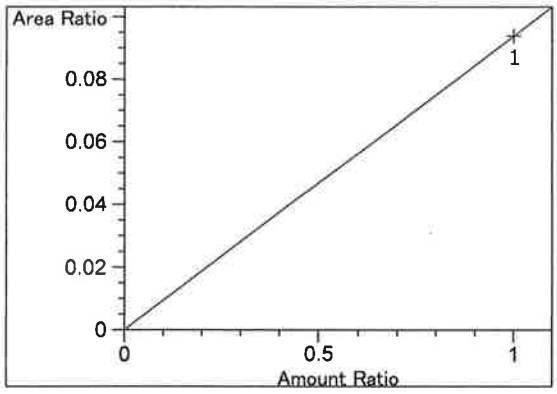
Fluorinated Ethane at exp. RT: 2.230
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.92832e-2
x: Amount Ratio
y: Area Ratio



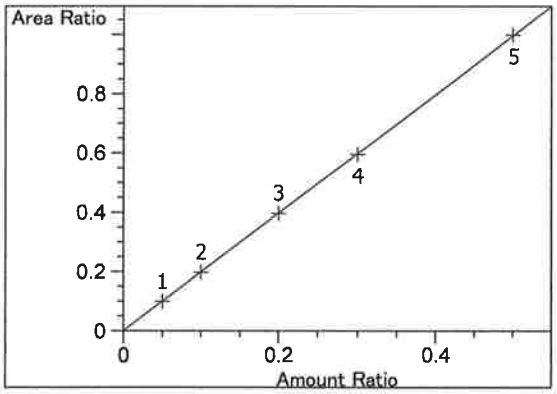
Methanol at exp. RT: 2.685
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.29753e-2
x: Amount Ratio
y: Area Ratio



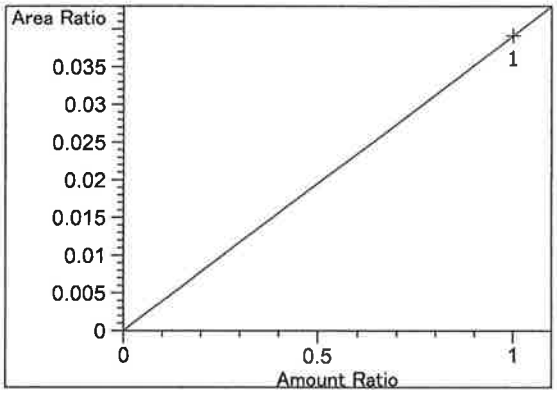
Acetaldehyde at exp. RT: 2.950
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.06098e-1
x: Amount Ratio
y: Area Ratio



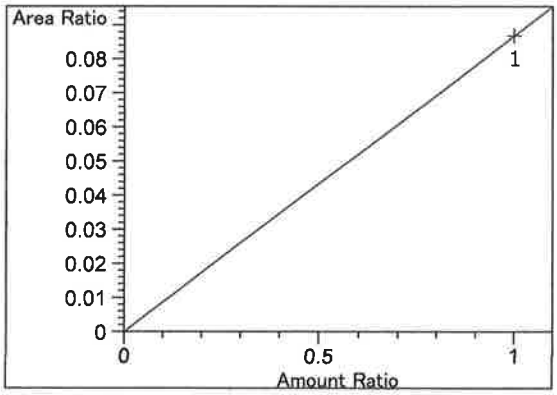
Acetaldehyde at exp. RT: 2.975
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 9.38763e-2
x: Amount Ratio
y: Area Ratio



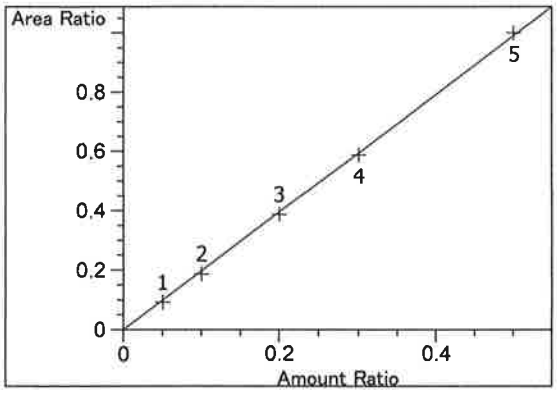
Ethanol at exp. RT: 3.318
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00217
Formula: y = mx
m: 1.99310
x: Amount Ratio
y: Area Ratio



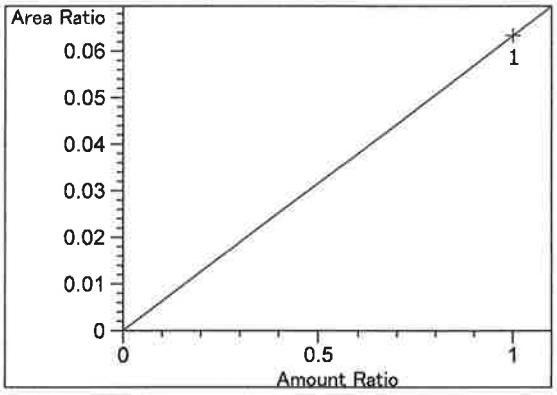
Methanol at exp. RT: 3.372
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.91481e-2
x: Amount Ratio
y: Area Ratio



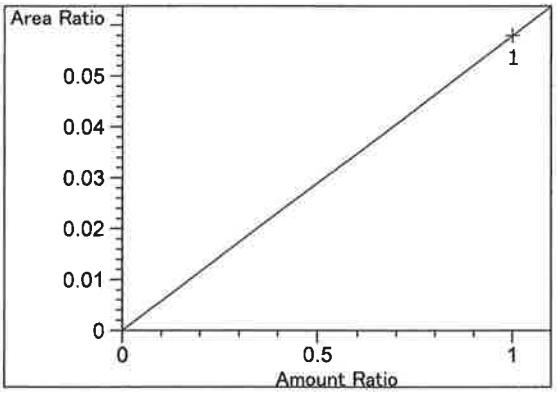
Isopropyl alcohol at exp. RT: 3.993
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 8.67986e-2
x: Amount Ratio
y: Area Ratio



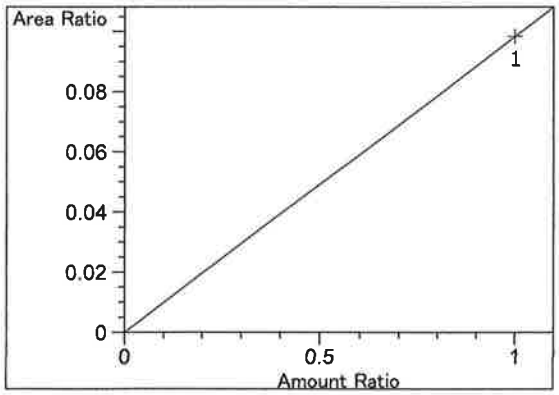
Ethanol at exp. RT: 4.332
FID2 B, Back Signal
Correlation: 0.99988
Residual Std. Dev.: 0.00961
Formula: y = mx
m: 1.97995
x: Amount Ratio
y: Area Ratio



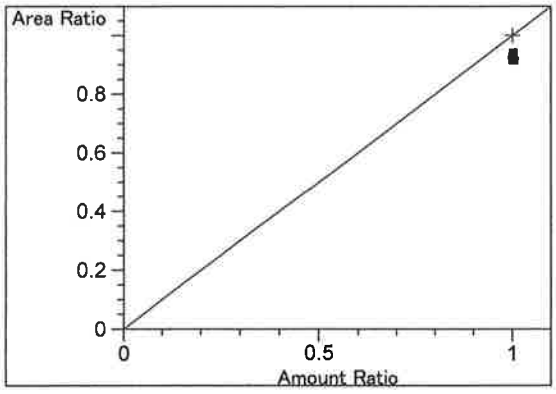
Acetone at exp. RT: 4.704
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 6.33354e-2
x: Amount Ratio
y: Area Ratio



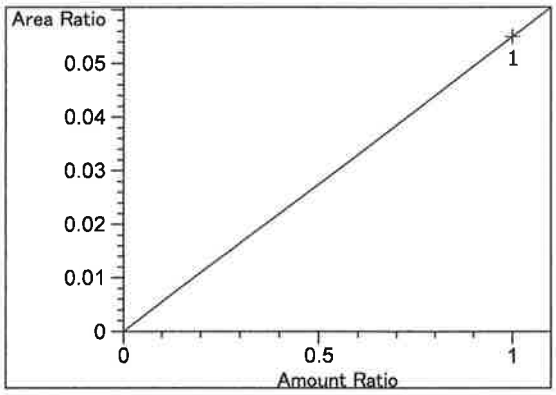
Acetone at exp. RT: 4.853
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.79761e-2
x: Amount Ratio
y: Area Ratio



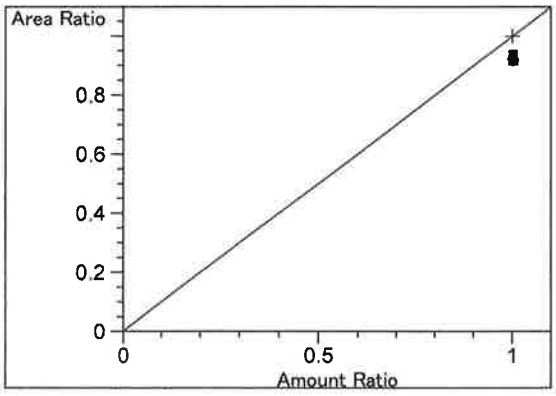
Isopropyl alcohol at exp. RT: 5.050
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 9.83743e-2
x: Amount Ratio
y: Area Ratio



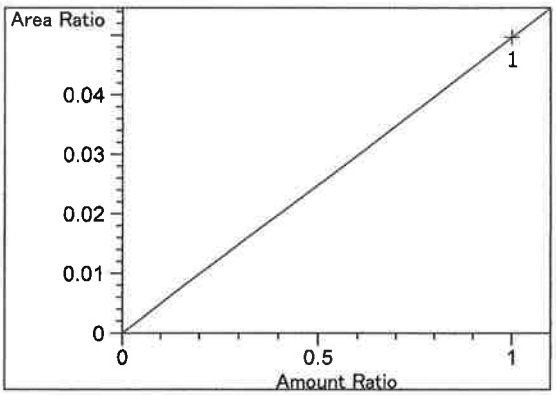
n-Propanol at exp. RT: 5.260
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio



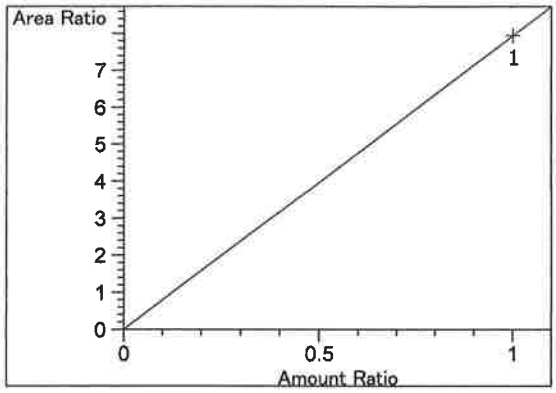
Ethyl Acetate at exp. RT: 7.659
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.50106e-2
x: Amount Ratio
y: Area Ratio



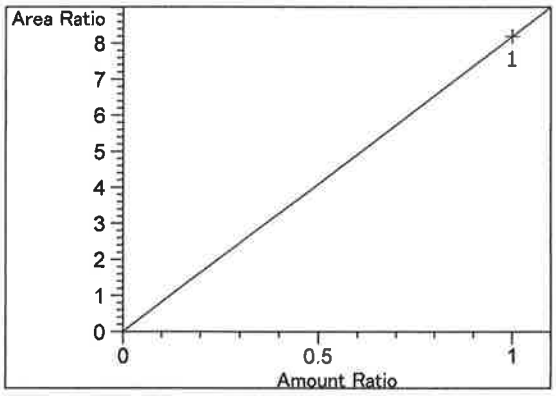
n-Propanol at exp. RT: 7.785
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio



Ethyl Acetate at exp. RT: 8.420
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.96410e-2
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: 7.94647
x: Amount Ratio
y: Area Ratio

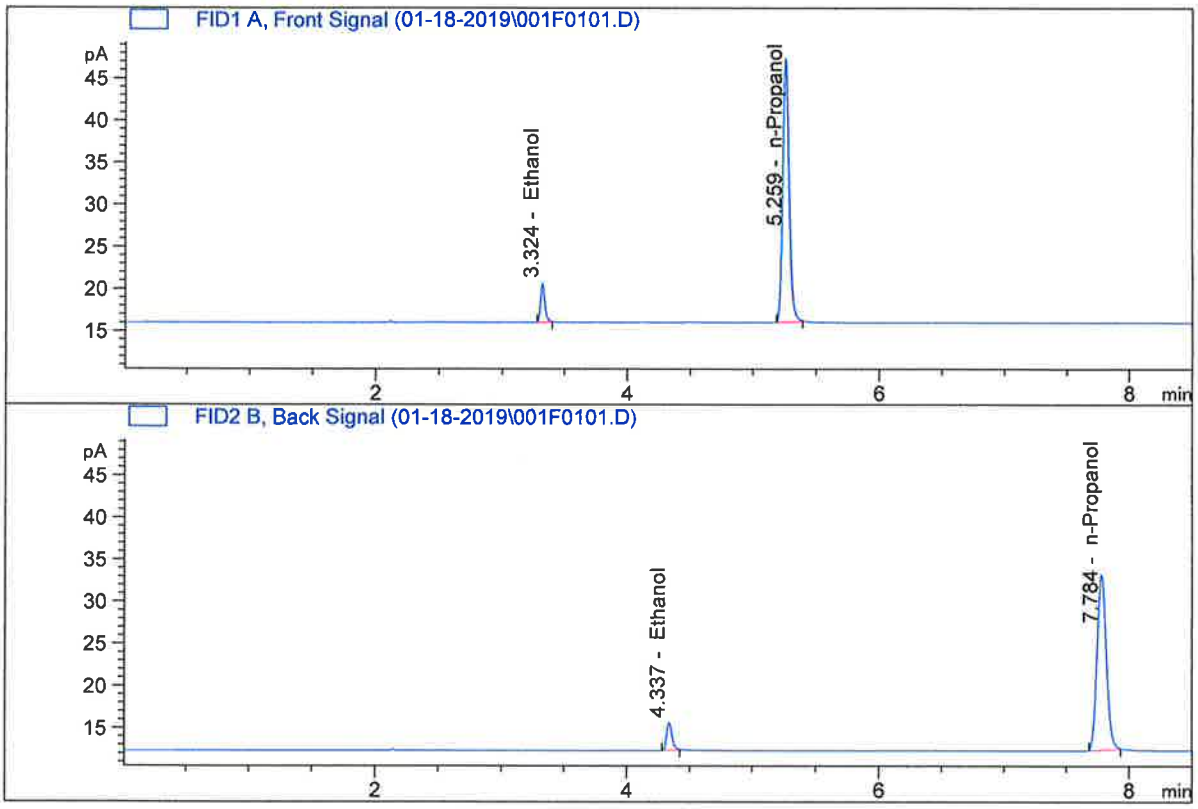


Toluene at exp. RT: 12.229
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 8.19307
x: Amount Ratio
y: Area Ratio

==========

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.05
Laboratory : Pocatello
Injection Date : Jan 18, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

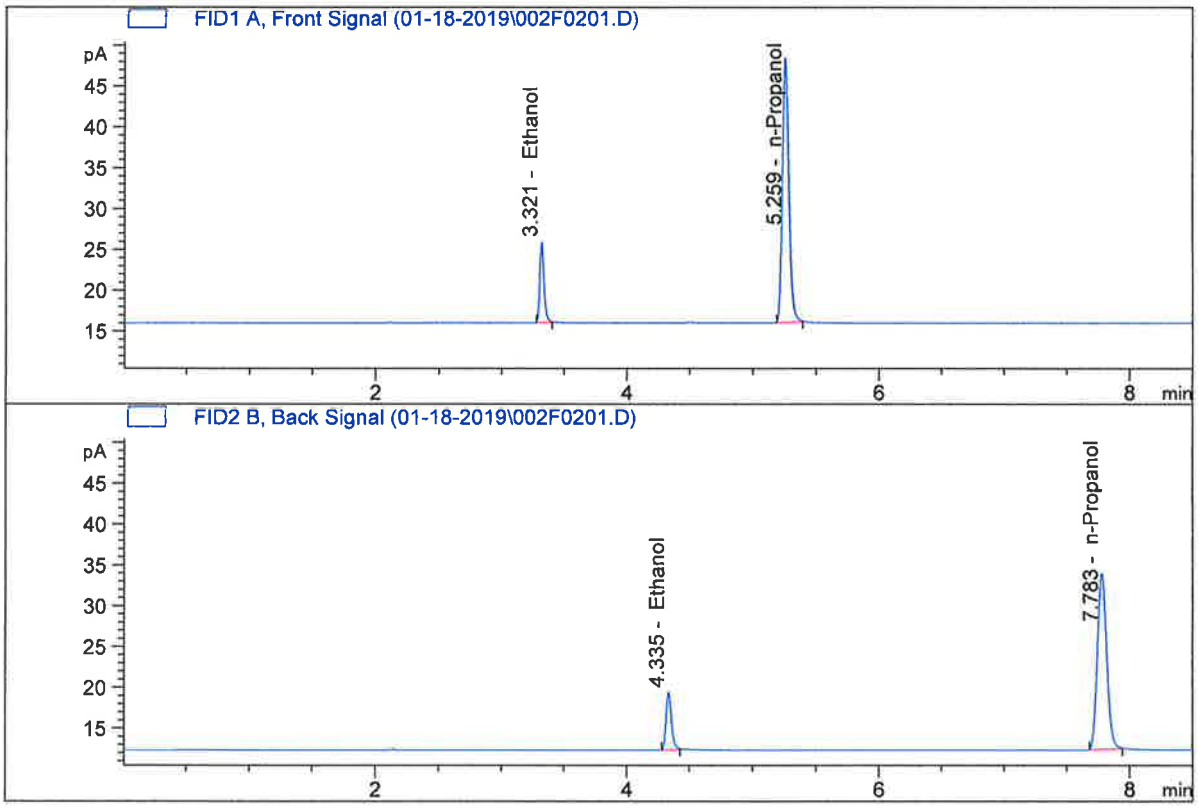


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	11.08219	0.0496	g/100cc
2.	Ethanol	Column 2:	10.03043	0.0465	g/100cc
3.	n-Propanol	Column 1:	112.10493	1.0000	g/100cc
4.	n-Propanol	Column 2:	108.83350	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

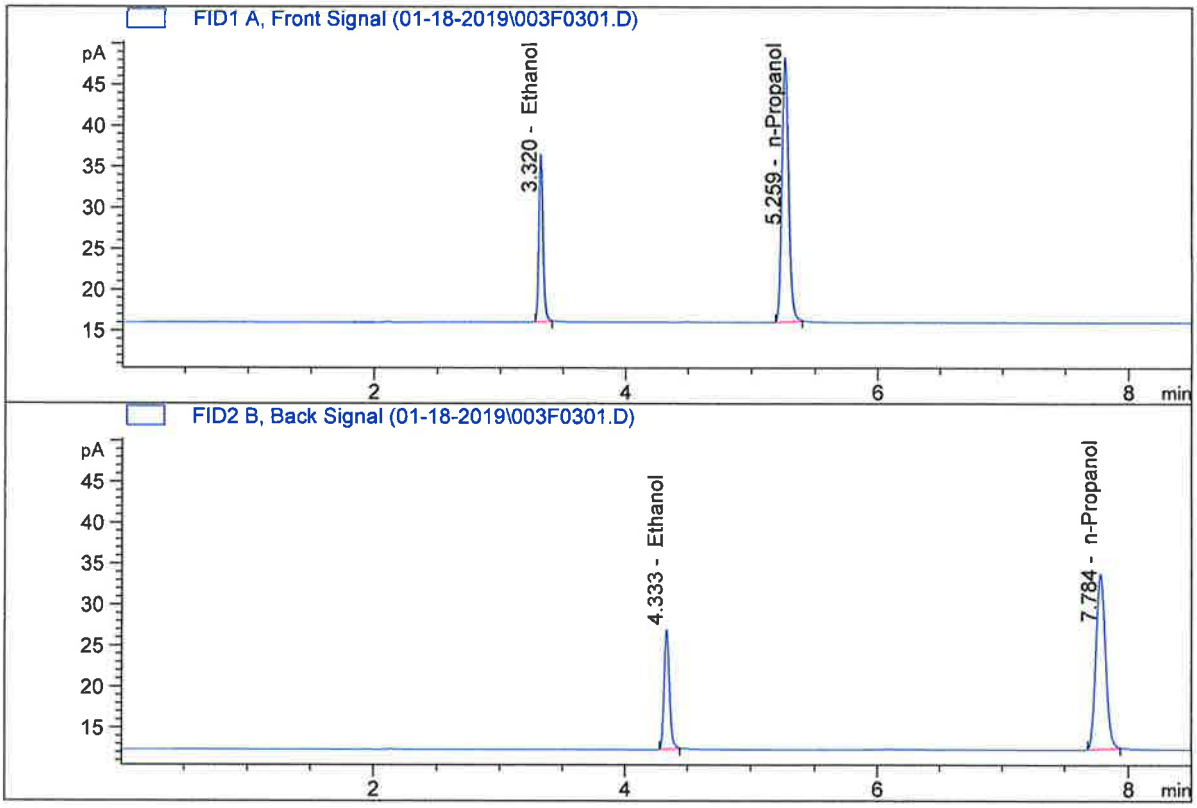
Sample Name : 0.10
Laboratory : Pocatello
Injection Date : Jan 18, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	22.95037	0.0991	g/100cc
2.	Ethanol	Column 2:	21.10383	0.0946	g/100cc
3.	n-Propanol	Column 1:	116.21644	1.0000	g/100cc
4.	n-Propanol	Column 2:	112.72170	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

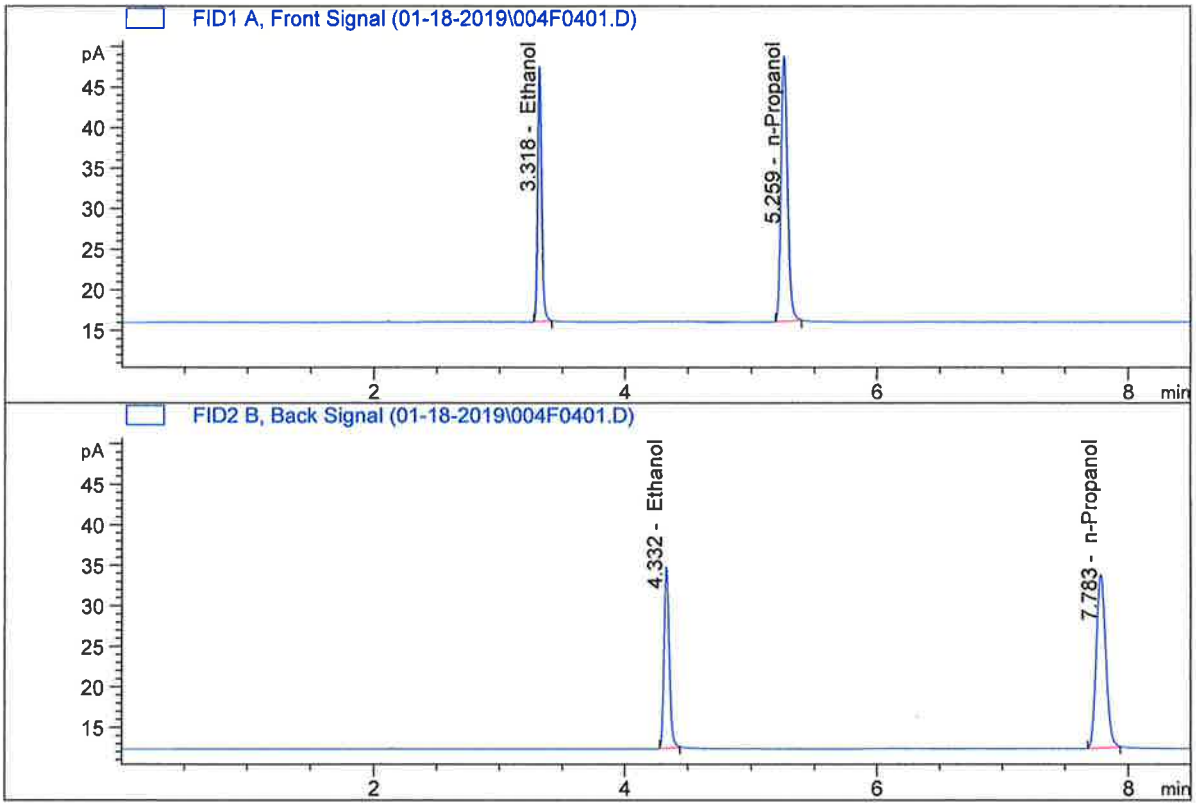
Sample Name : 0.20
Laboratory : Pocatello
Injection Date : Jan 18, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.94645	0.1990	g/100cc
2.	Ethanol	Column 2:	43.20987	0.1957	g/100cc
3.	n-Propanol	Column 1:	115.84257	1.0000	g/100cc
4.	n-Propanol	Column 2:	111.51083	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

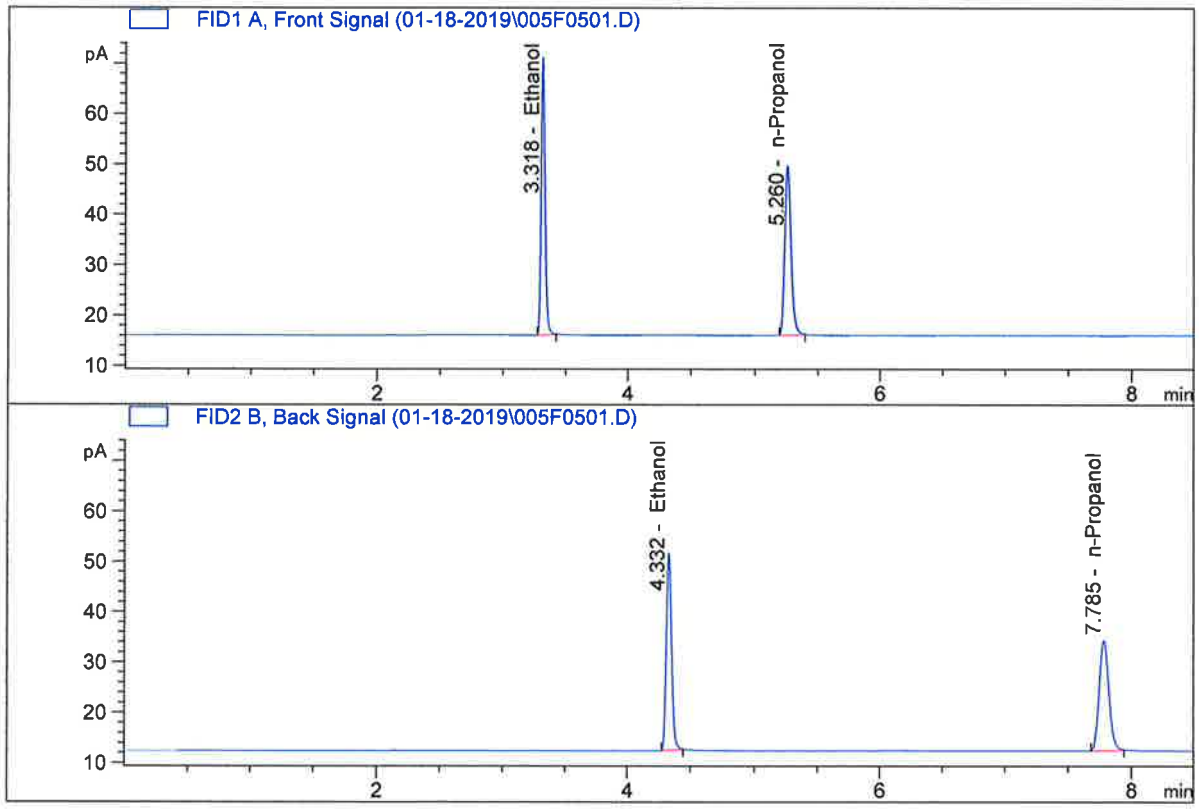
Sample Name : 0.30
Laboratory : Pocatello
Injection Date : Jan 18, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	69.72309	0.2989	g/100cc
2.	Ethanol	Column 2:	65.91959	0.2969	g/100cc
3.	n-Propanol	Column 1:	117.02191	1.0000	g/100cc
4.	n-Propanol	Column 2:	112.12194	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

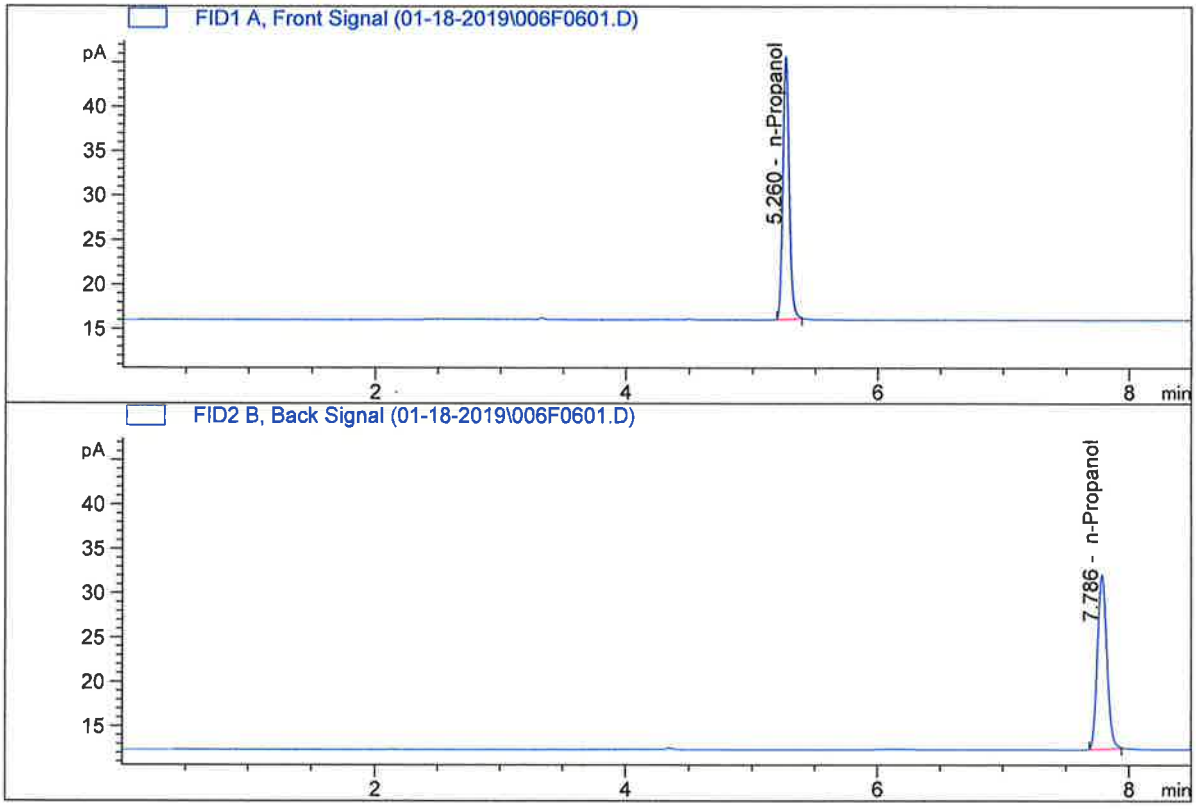
Sample Name : 0.50
Laboratory : Pocatello
Injection Date : Jan 18, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	120.20458	0.5013	g/100cc
2.	Ethanol	Column 2:	114.52809	0.5050	g/100cc
3.	n-Propanol	Column 1:	120.31689	1.0000	g/100cc
4.	n-Propanol	Column 2:	114.54537	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK-1
Laboratory : Pocatello
Injection Date : Jan 18, 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:	106.02914	1.0000	g/100cc
4.	n-Propanol	Column 2:	102.71139	1.0000	g/100cc

Sample Summary

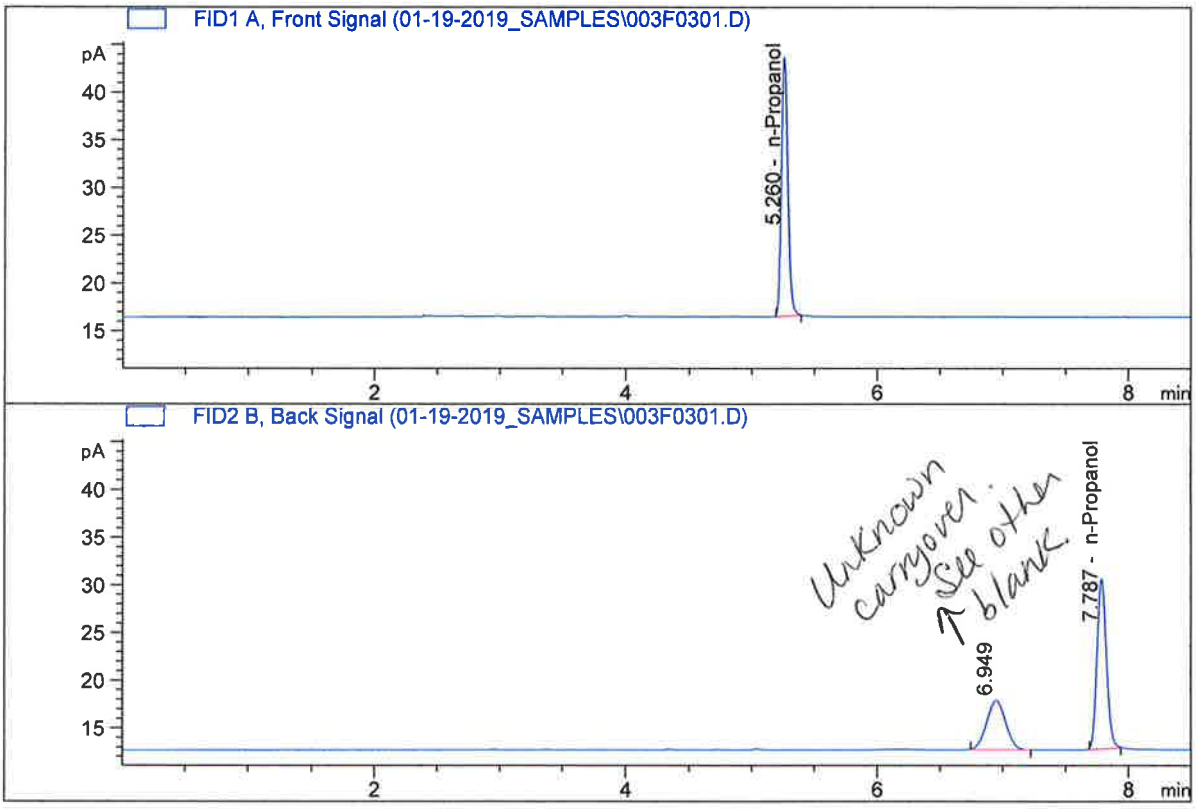
Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_18.01.2019_03.55.37\RC18JAN2019CAL.S
Data directory path: C:\Chem32\1\Data\01-18-2019
Logbook: C:\Chem32\1\Data\01-18-2019\RC18JAN2019CAL.LOG
Sequence start: 1/18/2019 4:09:24 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

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	0.05	-	1.0000	001F0101.D	*	4
2	2	1	0.10	-	1.0000	002F0201.D	*	4
3	3	1	0.20	-	1.0000	003F0301.D	*	4
4	4	1	0.30	-	1.0000	004F0401.D	*	4
5	5	1	0.50	-	1.0000	005F0501.D	*	4
6	6	1	ISTD BLANK-1	-	1.0000	006F0601.D		2

ISP Forensic Services Blood Alcohol Report

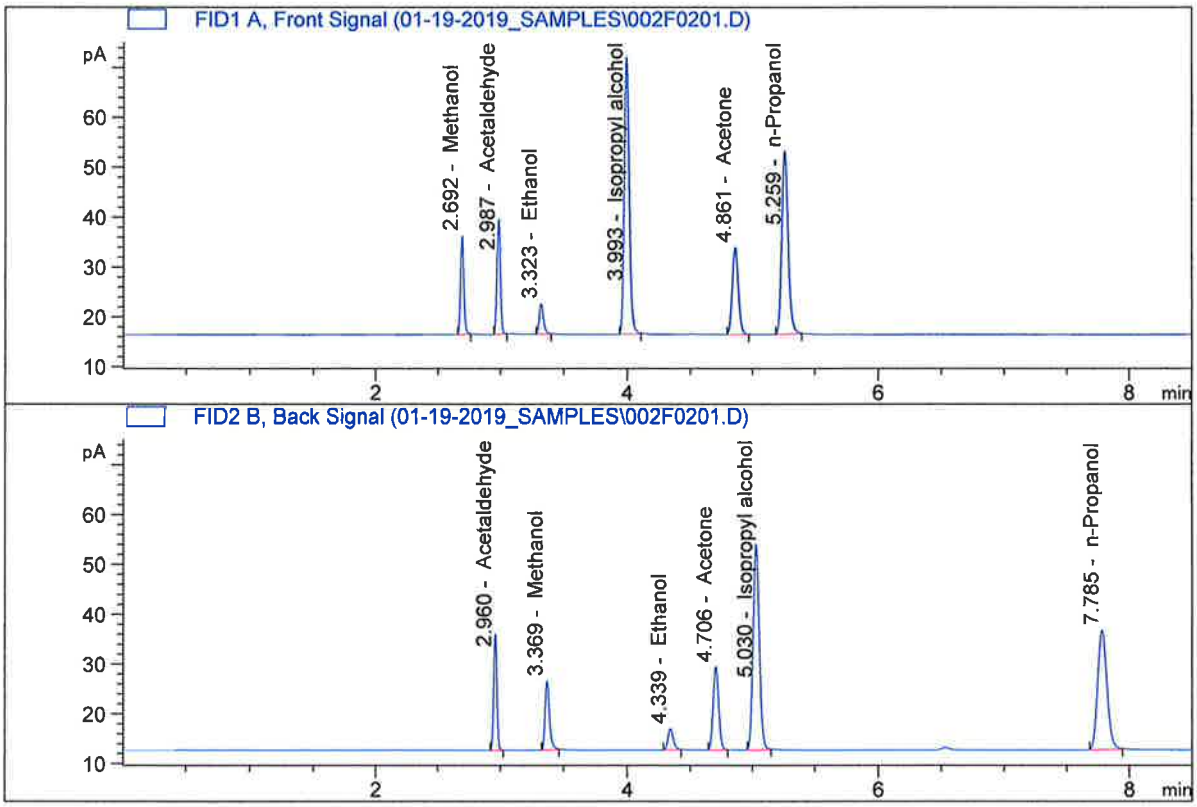
Sample Name : INTERNAL STD
Laboratory : Pocatello
Injection Date : Jan 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	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:	96.72342	1.0000	g/100cc
4.	n-Propanol	Column 2:	93.28969	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

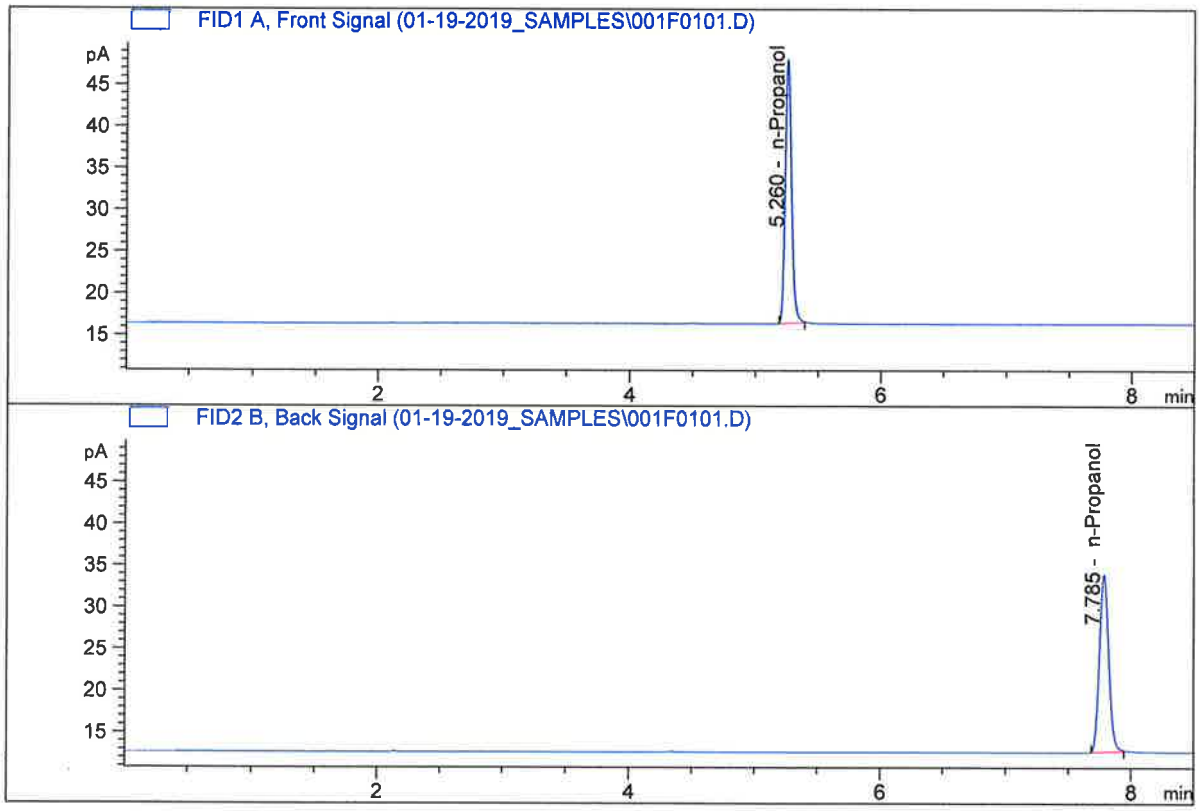
Sample Name : MULTI-COMP MIX
Laboratory : Pocatello
Injection Date : Jan 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.30839	0.0550	g/100cc
2.	Ethanol	Column 2:	12.93031	0.0520	g/100cc
3.	n-Propanol	Column 1:	130.54561	1.0000	g/100cc
4.	n-Propanol	Column 2:	125.50562	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Pocatello
Injection Date : Jan 19, 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:	112.90530	1.0000	g/100cc
4.	n-Propanol	Column 2:	110.91779	1.0000	g/100cc

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 19 Jan 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0788	0.0748	0.0040	0.0768	0.0767	
(g/100cc)	0.0788	0.0746	0.0042	0.0767		

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: ML600HC11379

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

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

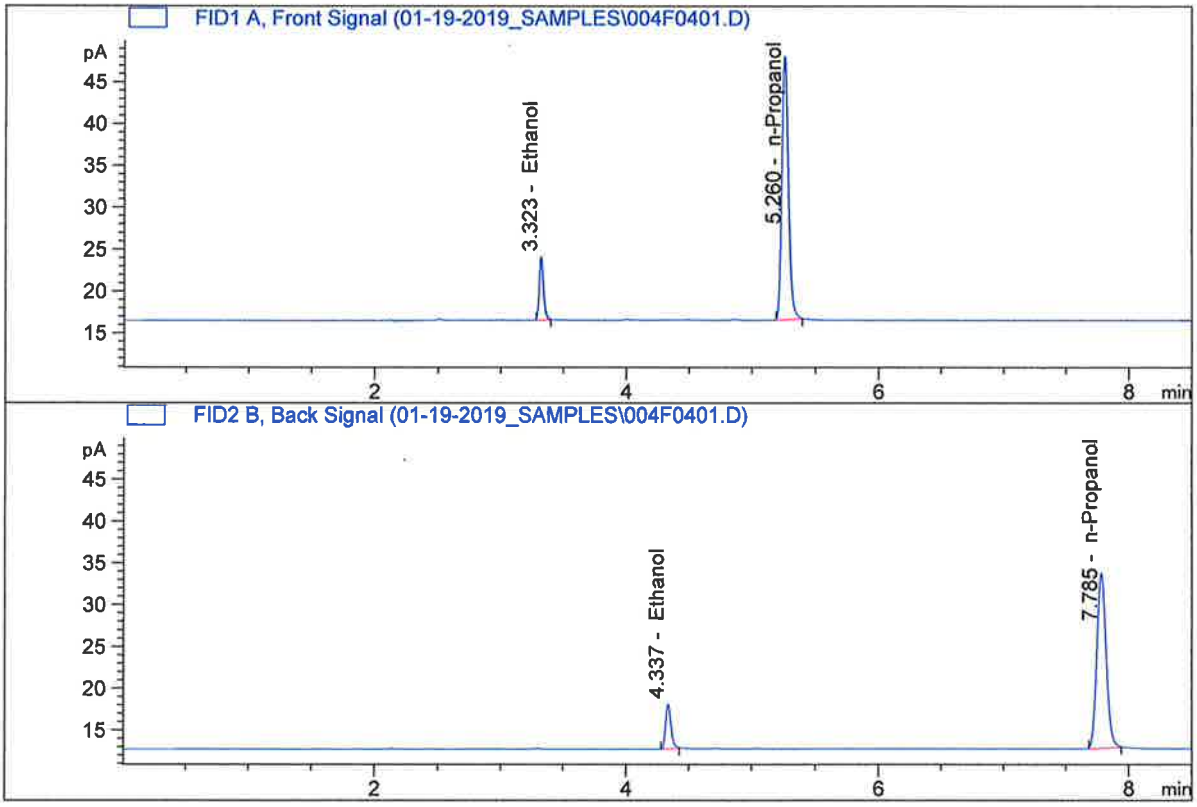
Reported Result

0.076

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Pocatello
Injection Date : Jan 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

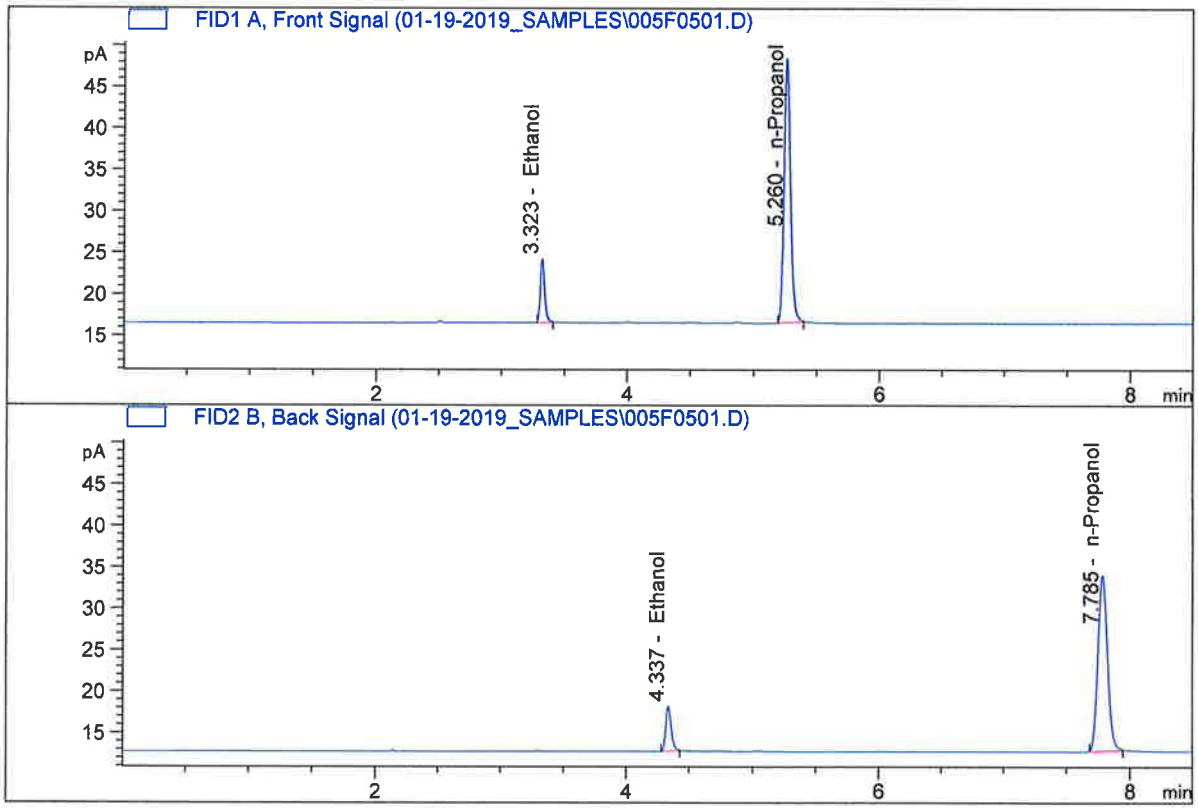


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.71154	0.0788	g/100cc
2.	Ethanol	Column 2:	16.22253	0.0748	g/100cc
3.	n-Propanol	Column 1:	112.76134	1.0000	g/100cc
4.	n-Propanol	Column 2:	109.56445	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Pocatello
Injection Date : Jan 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.91049	0.0788	g/100cc
2.	Ethanol	Column 2:	16.40882	0.0746	g/100cc
3.	n-Propanol	Column 1:	113.99974	1.0000	g/100cc
4.	n-Propanol	Column 2:	111.07261	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 08 QA **Analysis Date(s): 19 Jan 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0783	0.0749	0.0034	0.0766	0.0766	
(g/100cc)	0.0784	0.0749	0.0035	0.0766		

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: ML600HC11379

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

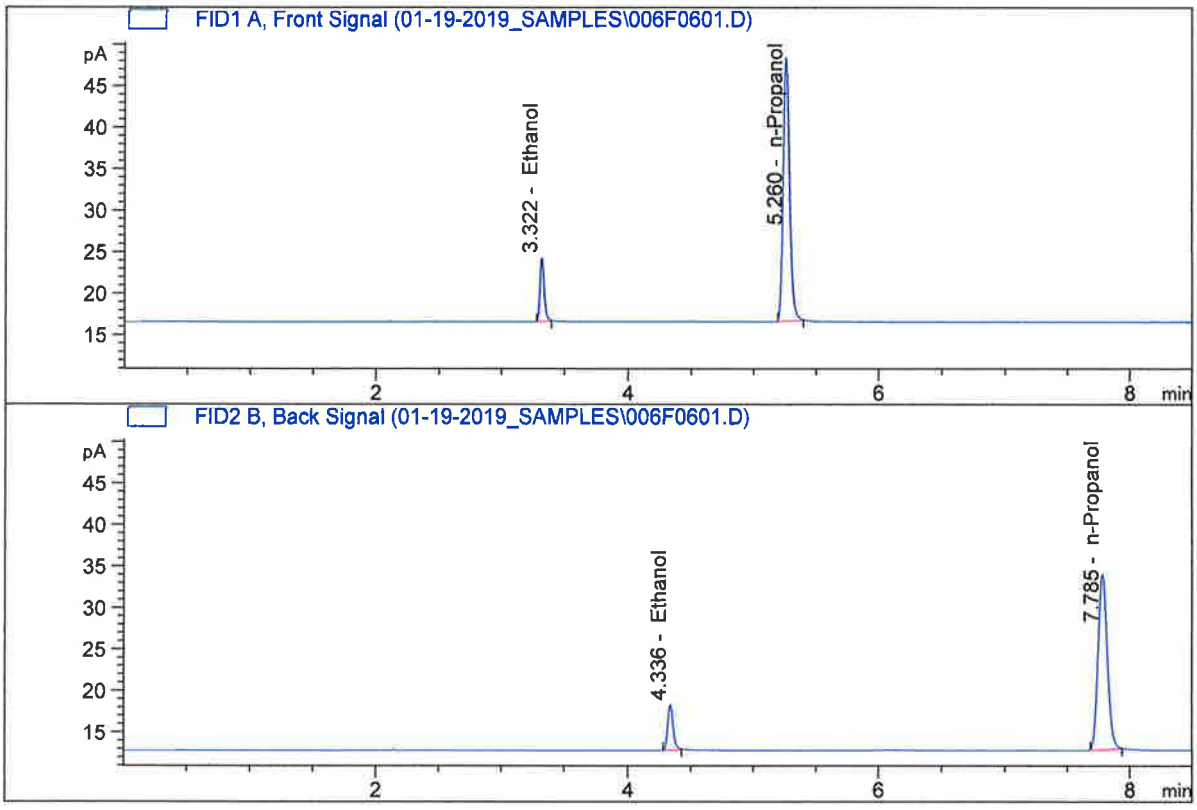
Overall Mean (g/100cc)	Low	High	5% of Mean
0.076	**0.072**	**0.080**	**0.004**

	Reported Result	
	0.076	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : 08 QA-A
Laboratory : Pocatello
Injection Date : Jan 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

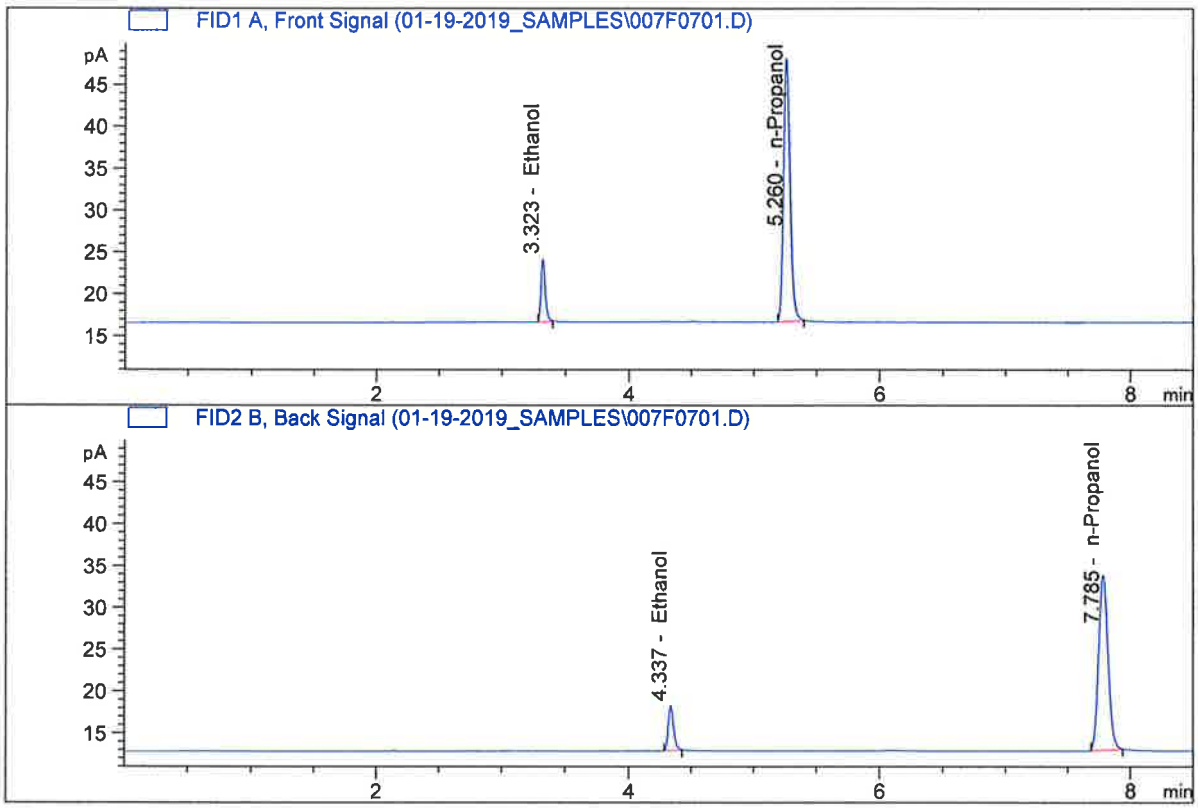


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.76022	0.0783	g/100cc
2.	Ethanol	Column 2:	16.37662	0.0749	g/100cc
3.	n-Propanol	Column 1:	113.77772	1.0000	g/100cc
4.	n-Propanol	Column 2:	110.47775	1.0000	g/100cc

AC

ISP Forensic Services Blood Alcohol Report

Sample Name : 08 QA-B
Laboratory : Pocatello
Injection Date : Jan 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.55995	0.0784	g/100cc
2.	Ethanol	Column 2:	16.19727	0.0749	g/100cc
3.	n-Propanol	Column 1:	112.37203	1.0000	g/100cc
4.	n-Propanol	Column 2:	109.18035	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 19 Jan 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1978	0.1934	0.0044	0.1956	0.1958	
(g/100cc)	0.1983	0.1940	0.0043	0.1961		

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: ML600HC11379

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

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

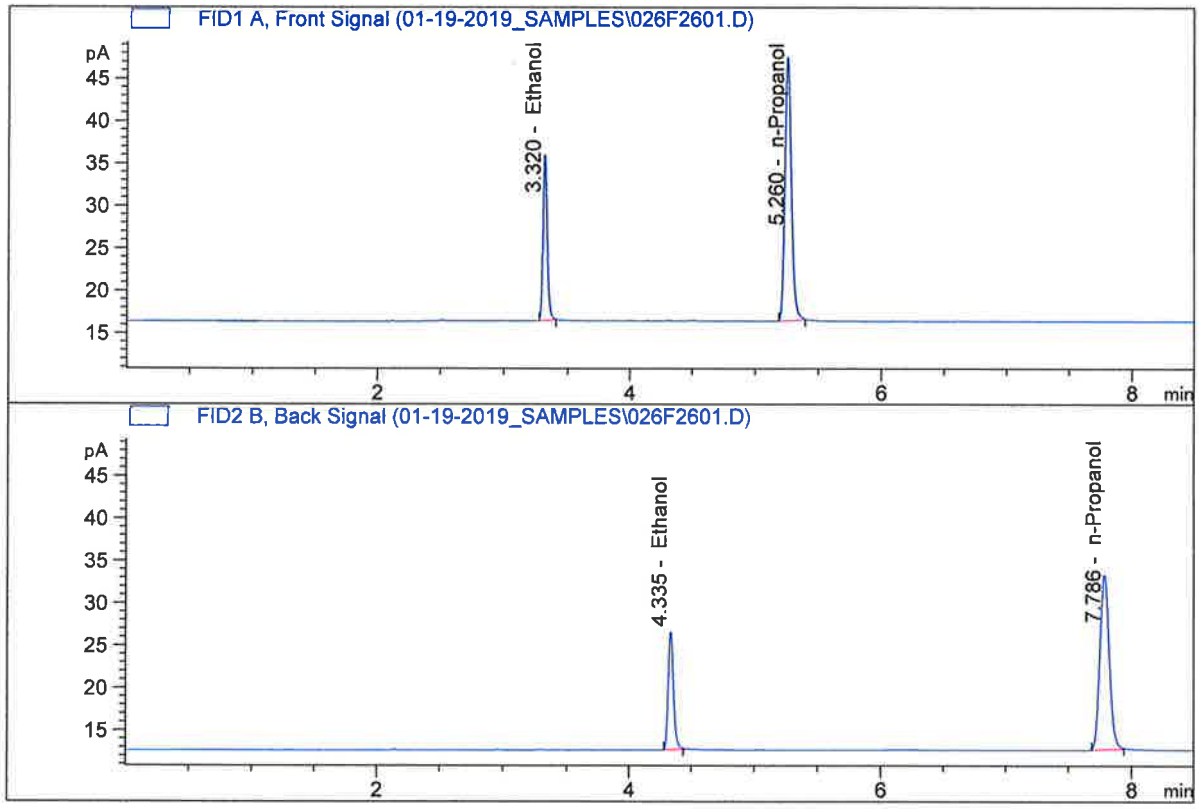
	Reported Result	
	0.195	

Calibration and control data are stored centrally.

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Pocatello
Injection Date : Jan 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

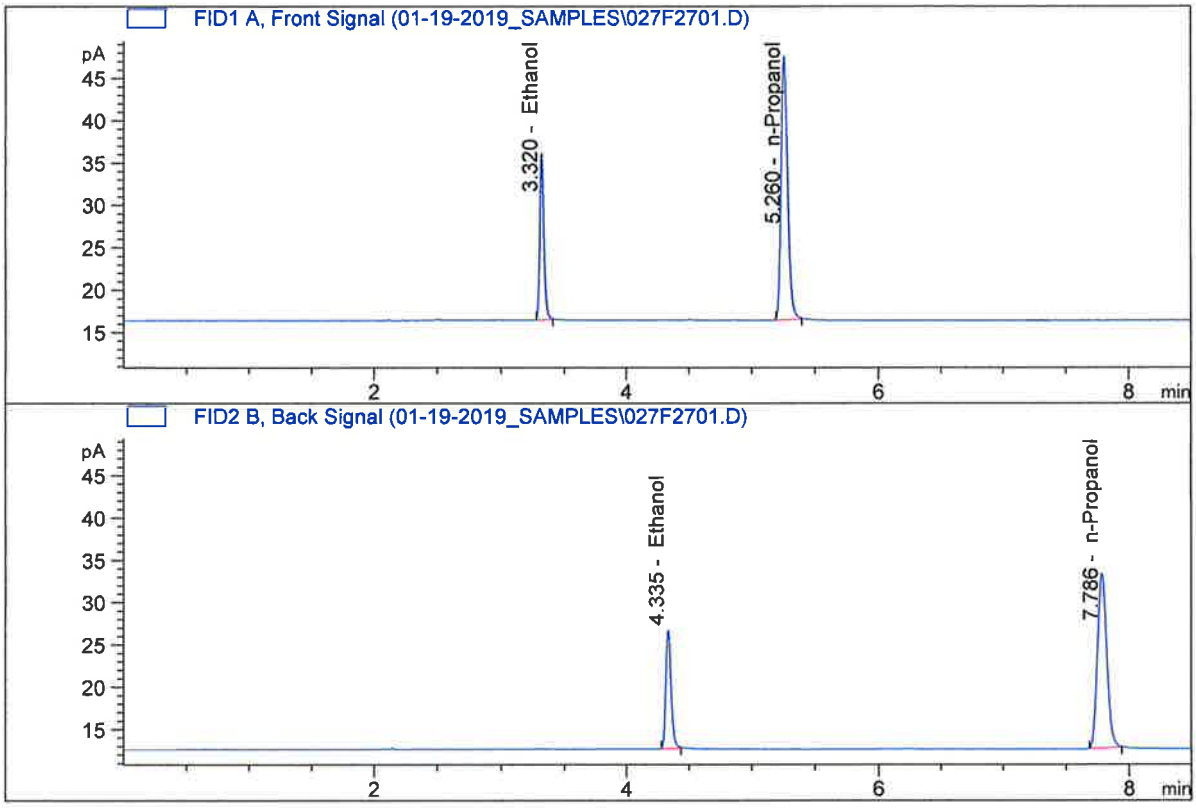


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.83936	0.1978	g/100cc
2.	Ethanol	Column 2:	41.28695	0.1934	g/100cc
3.	n-Propanol	Column 1:	111.17899	1.0000	g/100cc
4.	n-Propanol	Column 2:	107.82046	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Pocatello
Injection Date : Jan 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.05762	0.1983	g/100cc
2.	Ethanol	Column 2:	41.55576	0.1940	g/100cc
3.	n-Propanol	Column 1:	111.45126	1.0000	g/100cc
4.	n-Propanol	Column 2:	108.17369	1.0000	g/100cc

RC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 19 Jan 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0804	0.0765	0.0039	0.0784	0.0785	
(g/100cc)	0.0805	0.0767	0.0038	0.0786		

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: ML600HC11379

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

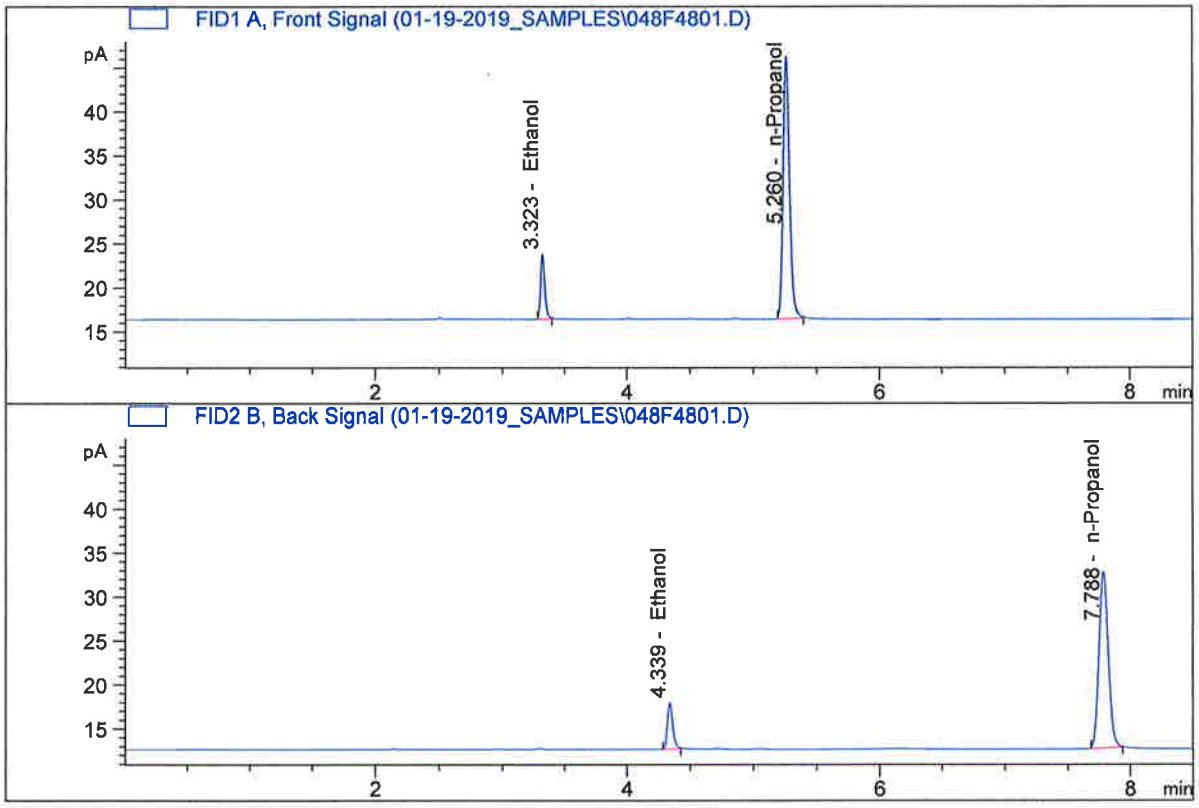
0.078

Calibration and control data are stored centrally.

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Pocatello
Injection Date : Jan 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

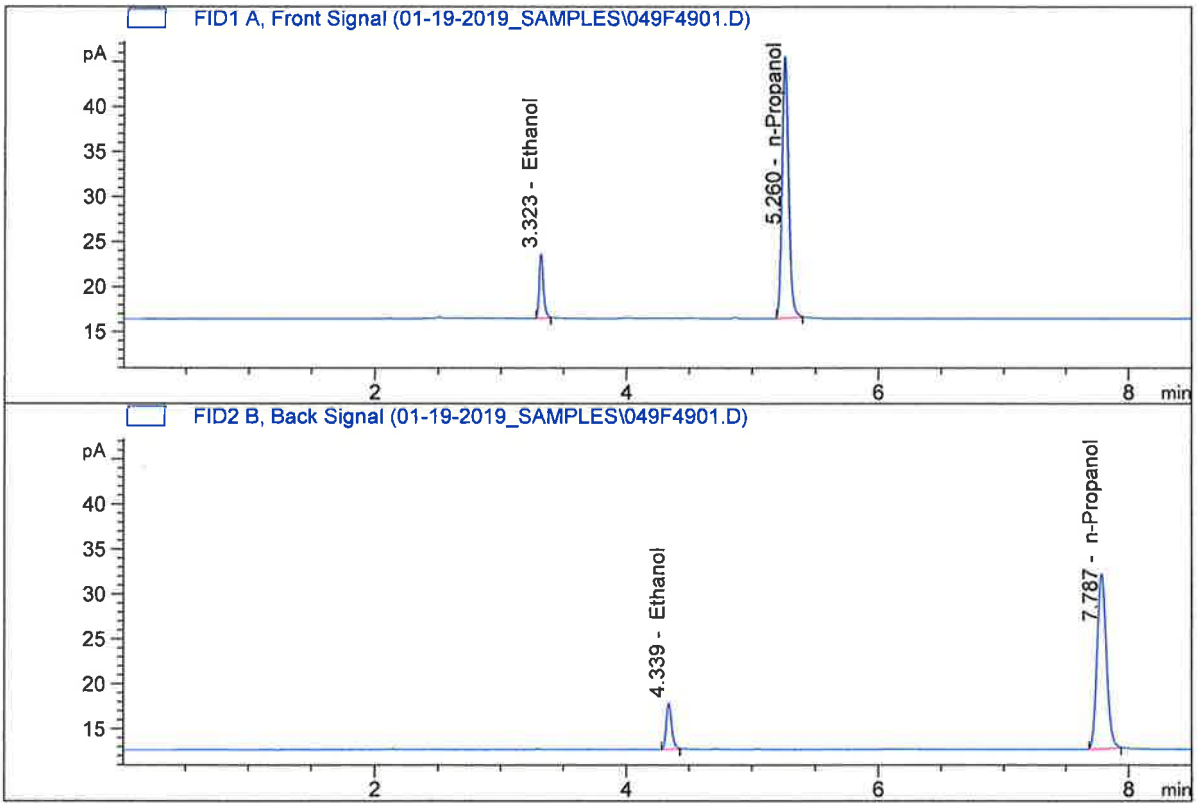


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.11376	0.0804	g/100cc
2.	Ethanol	Column 2:	15.84584	0.0765	g/100cc
3.	n-Propanol	Column 1:	106.83671	1.0000	g/100cc
4.	n-Propanol	Column 2:	104.67413	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Pocatello
Injection Date : Jan 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.72756	0.0805	g/100cc
2.	Ethanol	Column 2:	15.51960	0.0767	g/100cc
3.	n-Propanol	Column 1:	104.22009	1.0000	g/100cc
4.	n-Propanol	Column 2:	102.16358	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 19 Jan 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2056	0.2007	0.0049	0.2031	0.2029	
(g/100cc)	0.2050	0.2004	0.0046	0.2027		

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: ML600HC11379

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

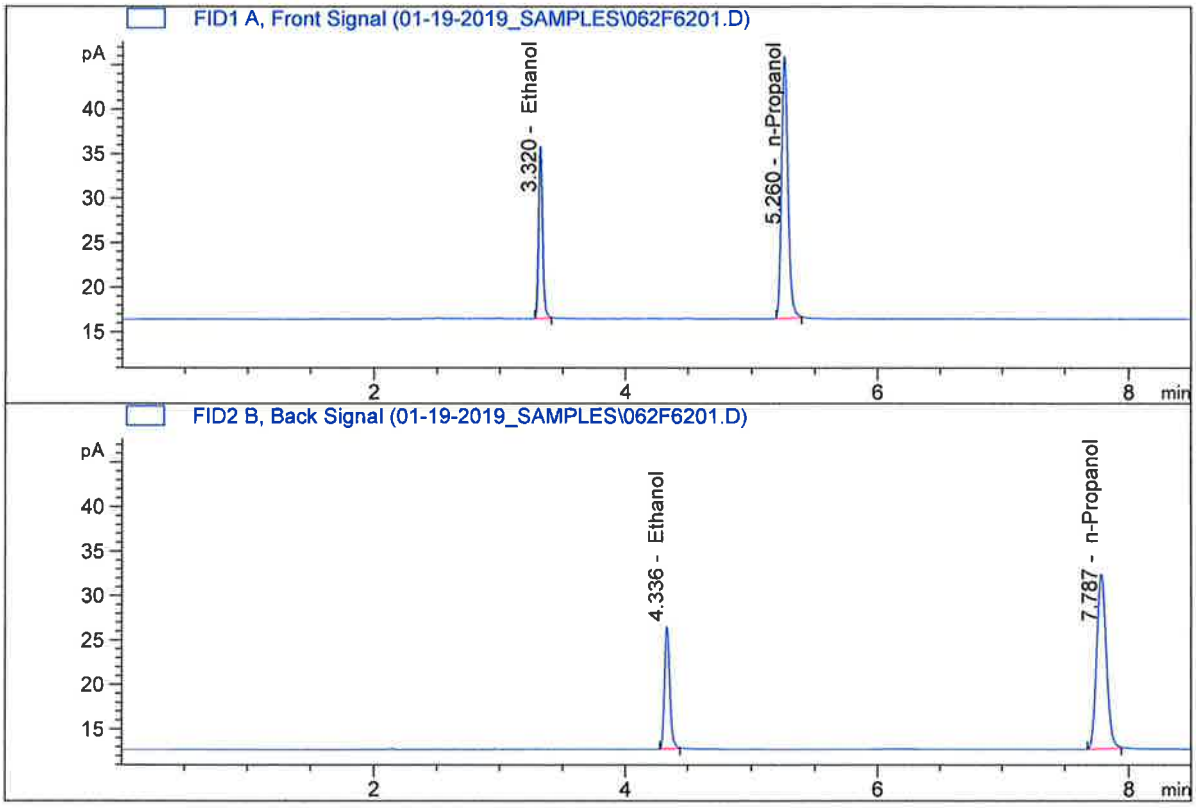
Overall Mean (g/100cc)	Low	High	5% of Mean
0.202	**0.191**	**0.213**	**0.011**

	Reported Result	
	0.202	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

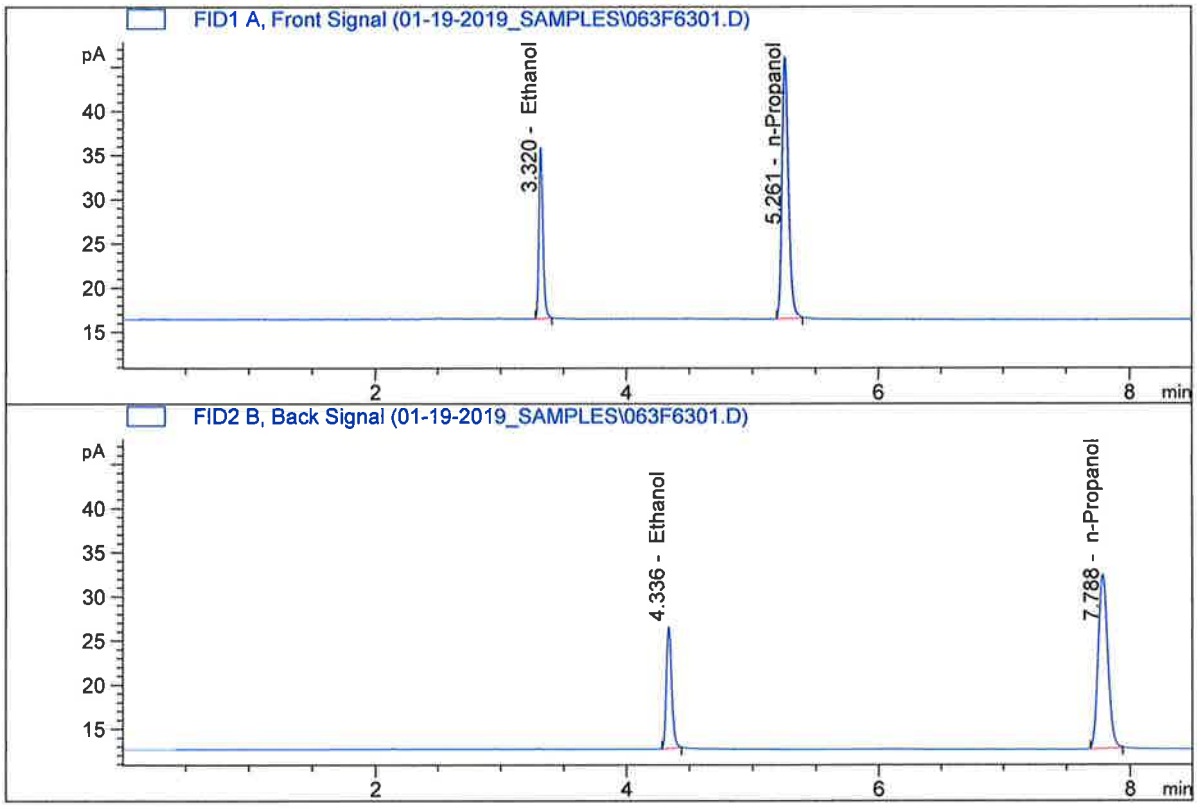
Sample Name : QC2-2-A
Laboratory : Pocatello
Injection Date : Jan 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.22758	0.2056	g/100cc
2.	Ethanol	Column 2:	40.86736	0.2007	g/100cc
3.	n-Propanol	Column 1:	105.46987	1.0000	g/100cc
4.	n-Propanol	Column 2:	102.82685	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

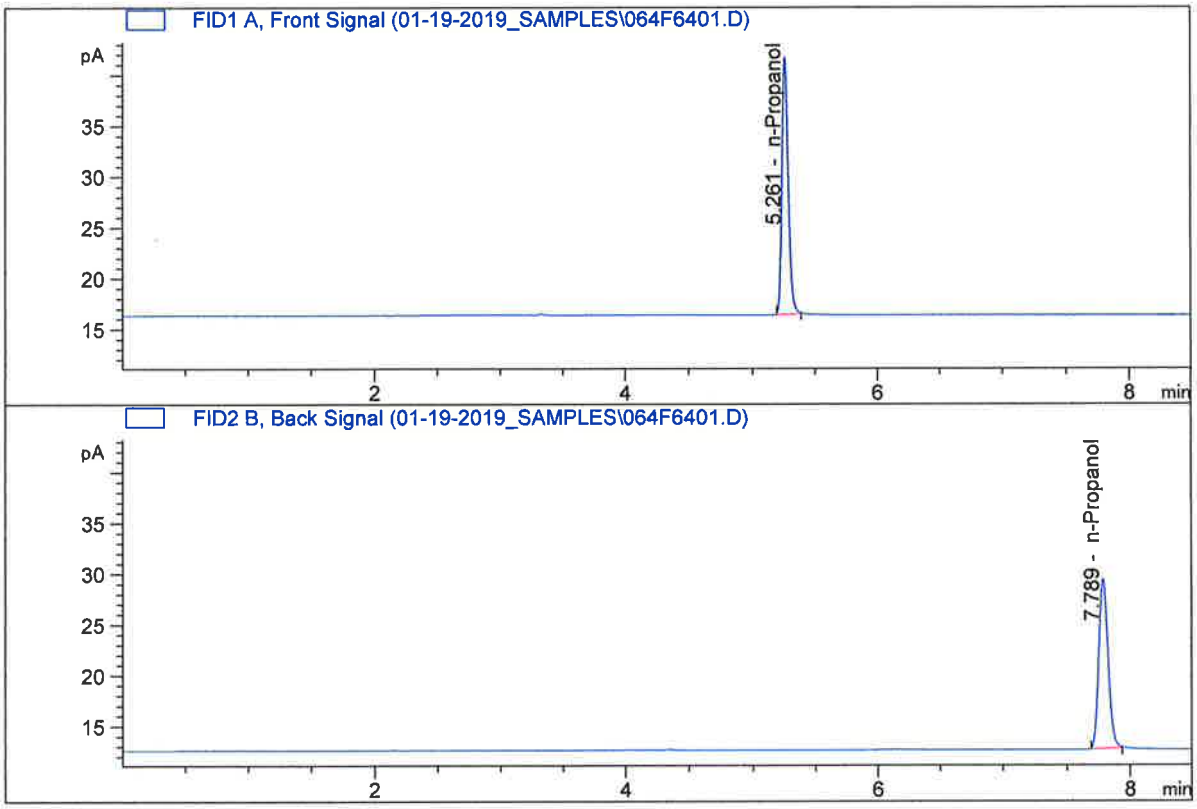
Sample Name : QC2-2-B
Laboratory : Pocatello
Injection Date : Jan 19, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.39799	0.2050	g/100cc
2.	Ethanol	Column 2:	41.03498	0.2004	g/100cc
3.	n-Propanol	Column 1:	106.19231	1.0000	g/100cc
4.	n-Propanol	Column 2:	103.43560	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD BLK
Laboratory : Pocatello
Injection Date : Jan 19, 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:	90.10804	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.76794	1.0000	g/100cc

RC

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_19.01.2019_11.49.46\RC19JAN2019.S
Data directory path: C:\Chem32\1\Data\01-19-2019_SAMPLES
Logbook: C:\Chem32\1\Data\01-19-2019_SAMPLES\RC19JAN2019.LOG
Sequence start: 1/19/2019 12:04:42 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	P2018-3645-1-A	-	1.0000	008F0801.D		6
9	9	1	P2018-3645-1-B	-	1.0000	009F0901.D		6
10	10	1	P2018-3646-1-A	-	1.0000	010F1001.D		4
11	11	1	P2018-3646-1-B	-	1.0000	011F1101.D		6
12	12	1	P2019-0008-1-A	-	1.0000	012F1201.D		6
13	13	1	P2019-0008-1-B	-	1.0000	013F1301.D		6
14	14	1	P2019-0009-1-A	-	1.0000	014F1401.D		6
15	15	1	P2019-0009-1-B	-	1.0000	015F1501.D		6
16	16	1	P2019-0010-1-A	-	1.0000	016F1601.D		6
17	17	1	P2019-0010-1-B	-	1.0000	017F1701.D		6
18	18	1	P2019-0028-1-A	-	1.0000	018F1801.D		6
19	19	1	P2019-0028-1-B	-	1.0000	019F1901.D		6
20	20	1	P2019-0063-1-A	-	1.0000	020F2001.D		6
21	21	1	P2019-0063-1-B	-	1.0000	021F2101.D		6
22	22	1	P2019-0065-1-A	-	1.0000	022F2201.D		4
23	23	1	P2019-0065-1-B	-	1.0000	023F2301.D		6
24	24	1	P2019-0077-2-A	-	1.0000	024F2401.D		2
25	25	1	P2019-0077-2-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	P2019-0086-1-A	-	1.0000	028F2801.D		6
29	29	1	P2019-0086-1-B	-	1.0000	029F2901.D		6
30	30	1	P2019-0087-1-A	-	1.0000	030F3001.D		6
31	31	1	P2019-0087-1-B	-	1.0000	031F3101.D		6
32	32	1	P2019-0088-1-A	-	1.0000	032F3201.D		2
33	33	1	P2019-0088-1-B	-	1.0000	033F3301.D		2
34	34	1	P2019-0089-1-A	-	1.0000	034F3401.D		6
35	35	1	P2019-0089-1-B	-	1.0000	035F3501.D		6
36	36	1	P2019-0101-1-A	-	1.0000	036F3601.D		6
37	37	1	P2019-0101-1-B	-	1.0000	037F3701.D		6
38	38	1	P2019-0102-1-A	-	1.0000	038F3801.D		6
39	39	1	P2019-0102-1-B	-	1.0000	039F3901.D		5
40	40	1	P2019-0112-1-A	-	1.0000	040F4001.D		4
41	41	1	P2019-0112-1-B	-	1.0000	041F4101.D		4
42	42	1	P2019-0113-1-A	-	1.0000	042F4201.D		6
43	43	1	P2019-0113-1-B	-	1.0000	043F4301.D		6
44	44	1	P2019-0126-1-A	-	1.0000	044F4401.D		5
45	45	1	P2019-0126-1-B	-	1.0000	045F4501.D		6
46	46	1	P2019-0128-1-A	-	1.0000	046F4601.D		2

RC

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_19.01.2019_11.49.46\RC19JAN2019.S

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
47	47	1	P2019-0128-1-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	P2019-0128-2-A	-	1.0000	050F5001.D		2
51	51	1	P2019-0128-2-B	-	1.0000	051F5101.D		2
52	52	1	P2019-0135-1-A	-	1.0000	052F5201.D		4
53	53	1	P2019-0135-1-B	-	1.0000	053F5301.D		4
54	54	1	P2019-0137-1-A	-	1.0000	054F5401.D		6
55	55	1	P2019-0137-1-B	-	1.0000	055F5501.D		6
56	56	1	P2019-0138-1-A	-	1.0000	056F5601.D		2
57	57	1	P2019-0138-1-B	-	1.0000	057F5701.D		2
58	58	1	P2019-0139-1-A	-	1.0000	058F5801.D		4
59	59	1	P2019-0139-1-B	-	1.0000	059F5901.D		4
60	60	1	P2019-0140-1-A	-	1.0000	060F6001.D		6
61	61	1	P2019-0140-1-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

RC