Worklist: 3159

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
P2019-0699	1	143477	BATS Proficiency Test
P2019-0755	1	144187	Alcohol Analysis
P2019-0757	1	144201	Alcohol Analysis
P2019-0759	1	144210	Alcohol Analysis
P2019-0773	1	144313	Alcohol Analysis
P2019-0778	1	144367	Alcohol Analysis
P2019-0779	1	144371	Alcohol Analysis
P2019-0785	2	144394	Alcohol Analysis
P2019-0788	1	144406	Alcohol Analysis
P2019-0867	1	145007	Alcohol Analysis
P2019-0869	1	145034	Alcohol Analysis
P2019-0873	3	145207	Alcohol Analysis
P2019-0875	1	145302	Alcohol Analysis
P2019-0881	1	145317	Alcohol Analysis
P2019-0886	1	145416	Alcohol Analysis
P2019-0887	1	145420	Alcohol Analysis
P2019-0888	1	145421	Alcohol Analysis
P2019-0889	1	145422	Alcohol Analysis
P2019-0890	1	145423	Alcohol Analysis
P2019-0891	1	145432	Alcohol Analysis
P2019-0892	1	145433	Alcohol Analysis
P2019-0895	1	145441	Alcohol Analysis
P2019-0903	1	145485	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: MD96BC1382

Volatiles Quality Assurance Controls **Run Date(s): 3/26/19**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731 - 0.0893	0.0758 g/100cc
					0.0788 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832 - 0.2238	0.1974 g/100cc
					0.2027 g/100cc
					g/100cc

Multi-Component mixture:		Lot #	11918	
Curve Fit:	Column 1	0.99997	Column2	0.99997

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0464	0.0486	0.0022	0.0475
100	0.100	0.090 - 0.110	0.0975	0.0980	0.0005	0.0977
200	0.200	0.180 - 0.220	0.2002	0.1974	0.0028	0.1988
300	0.300	0.270 - 0.330	0.3003	0.2997	0.0006	0.3
500	0.500	0.450 - 0.550	0.5007	0.5021	0.0014	0.5014

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.077 g/100cc

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

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

Calibration Table

Master Method saved

General Calibration Setting

Calib. Data Modified : Tuesday, March 26, 2019 3:03:17 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

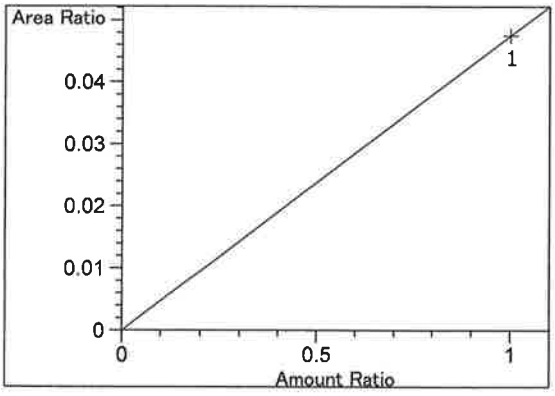
RC

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.227	2	1	1.00000	6.45200	1.54991e-1	No	No	2	Fluorinated ethane
2.271	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
3.323	1	1	5.00000e-2	11.15124	4.48381e-3	No	No	1	Ethanol
		2	1.00000e-1	22.75797	4.39407e-3				
		3	2.00000e-1	46.93928	4.26082e-3				
		4	3.00000e-1	74.78577	4.01146e-3				
		5	5.00000e-1	119.57117	4.18161e-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
4.339	2	1	5.00000e-2	11.20691	4.46153e-3	No	No	2	Ethanol
		2	1.00000e-1	22.43798	4.45673e-3				
		3	2.00000e-1	45.24659	4.42022e-3				
		4	3.00000e-1	72.11927	4.15978e-3				
		5	5.00000e-1	115.29451	4.33672e-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	138.41780	7.22450e-3	No	Yes	1	n-Propanol
		2	1.00000	134.36336	7.44251e-3				
		3	1.00000	135.28748	7.39167e-3				
		4	1.00000	143.36073	6.97541e-3				
		5	1.00000	137.52498	7.27141e-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
7.796	2	1	1.00000	135.86174	7.36042e-3	No	Yes	2	n-Propanol
		2	1.00000	134.95346	7.40996e-3				
		3	1.00000	135.47867	7.38124e-3				
		4	1.00000	141.90974	7.04673e-3				
		5	1.00000	135.31348	7.39025e-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

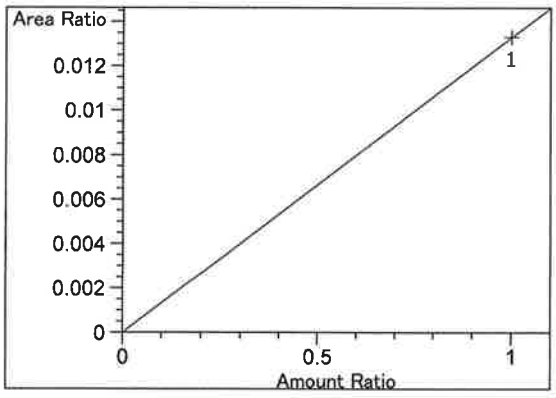
Peak Sum Table

No Entries in table

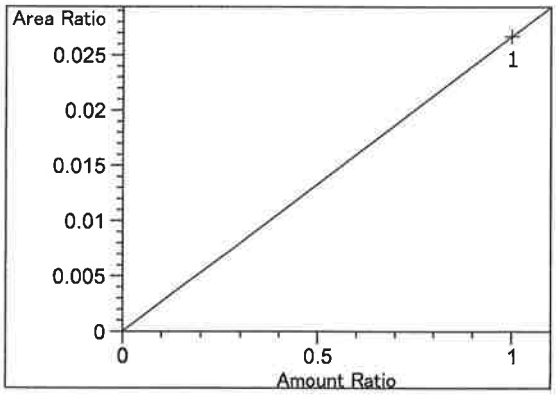
Calibration Curves



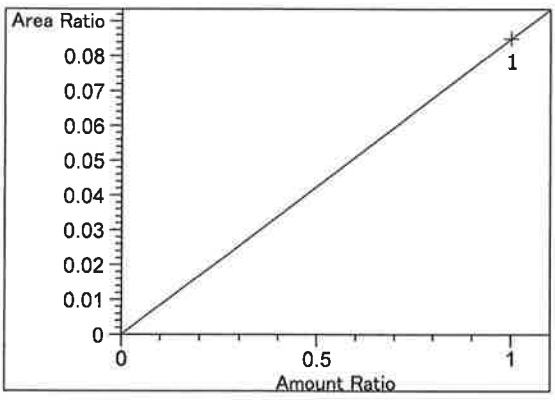
Fluorinated ethane at exp. RT: 2.227
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.74895e-2
x: Amount Ratio
y: Area Ratio



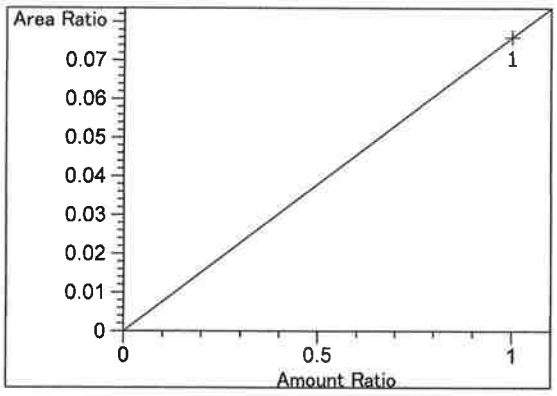
Fluorinated ethane at exp. RT: 2.271
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.33007e-2
x: Amount Ratio
y: Area Ratio



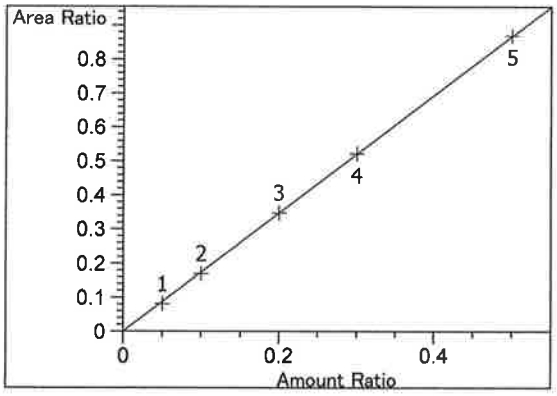
Methanol at exp. RT: 2.685
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 2.67068e-2
x: Amount Ratio
y: Area Ratio



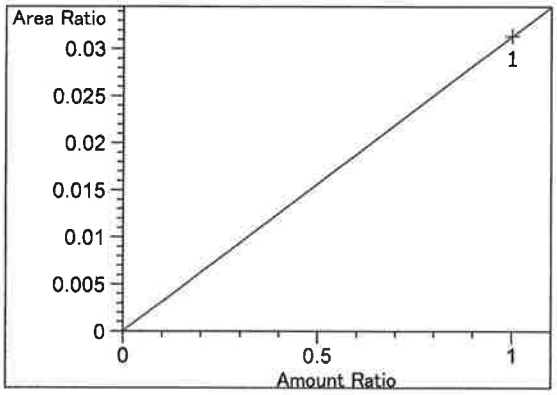
Acetaldehyde at exp. RT: 2.950
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 8.49908e-2
x: Amount Ratio
y: Area Ratio



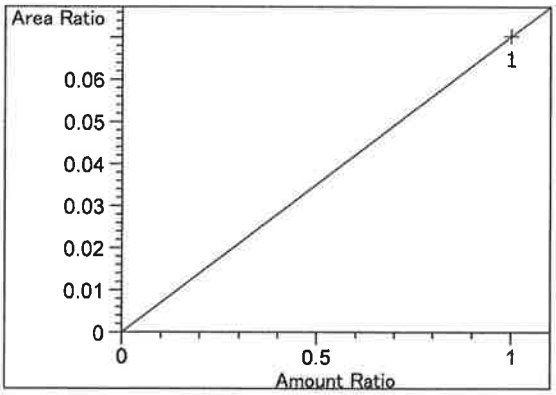
Acetaldehyde at exp. RT: 2.975
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.60307e-2
x: Amount Ratio
y: Area Ratio



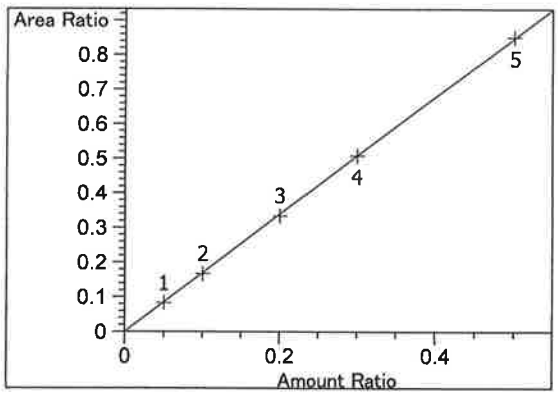
Ethanol at exp. RT: 3.323
FID1 A, Front Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00386
Formula: y = mx
m: 1.73651
x: Amount Ratio
y: Area Ratio



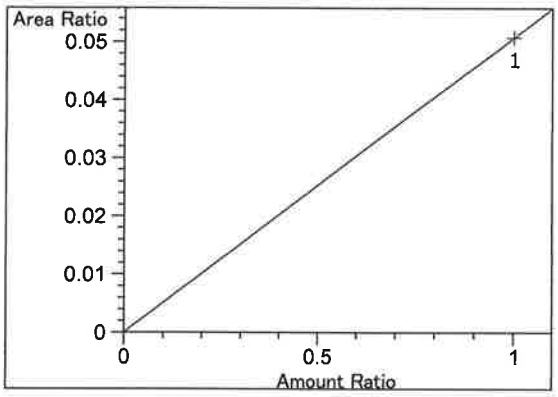
Methanol at exp. RT: 3.372
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.13600e-2
x: Amount Ratio
y: Area Ratio



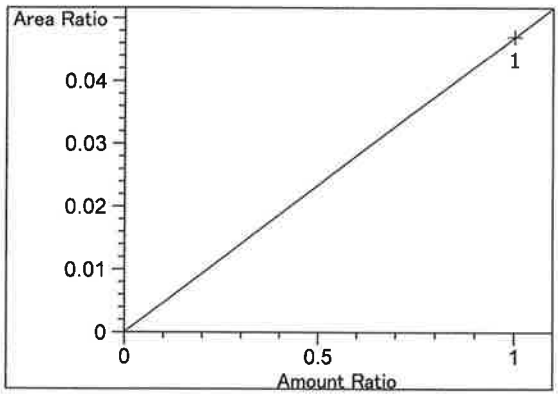
Isopropyl alcohol at exp. RT: 3.993
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.02984e-2
x: Amount Ratio
y: Area Ratio



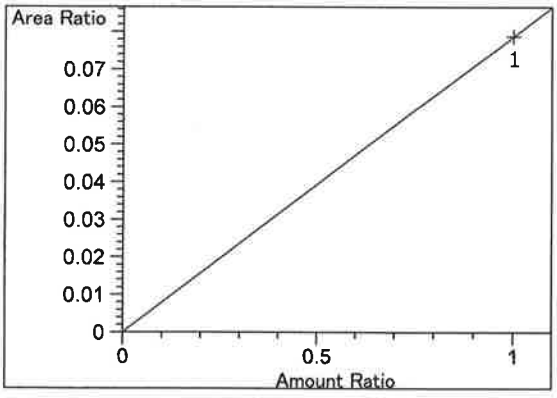
Ethanol at exp. RT: 4.339
FID2 B, Back Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00388
Formula: y = mx
m: 1.69690
x: Amount Ratio
y: Area Ratio



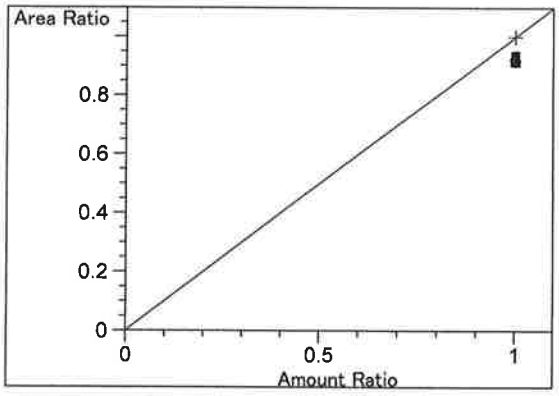
Acetone at exp. RT: 4.704
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.07355e-2
x: Amount Ratio
y: Area Ratio



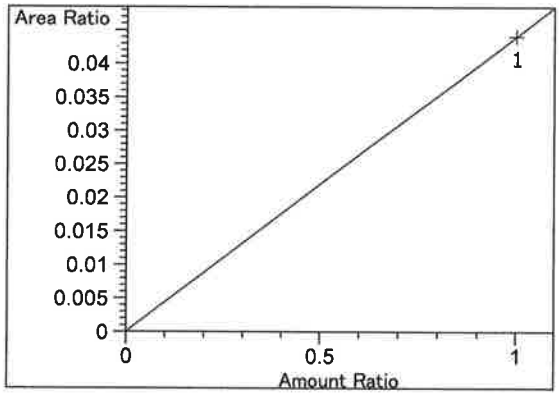
Acetone at exp. RT: 4.853
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.69550e-2
x: Amount Ratio
y: Area Ratio



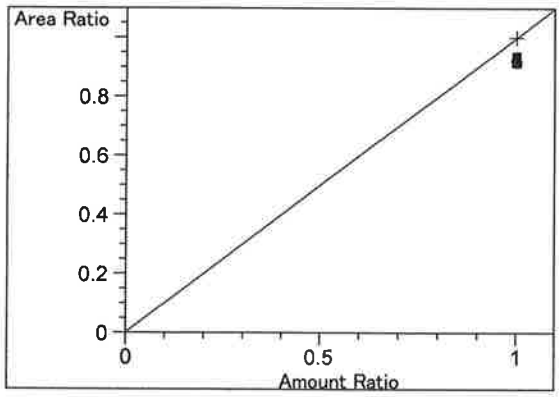
Isopropyl alcohol at exp. RT: 5.050
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.88038e-2
x: Amount Ratio
y: Area Ratio



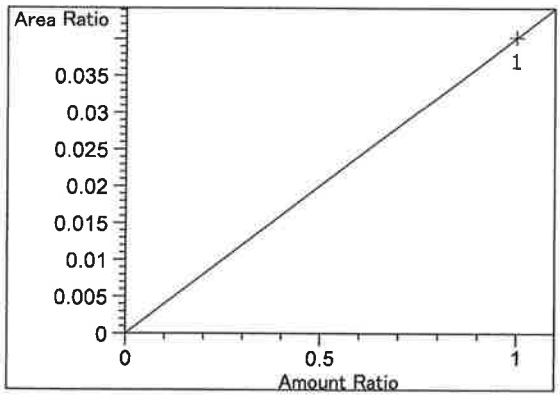
n-Propanol at exp. RT: 5.262
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio



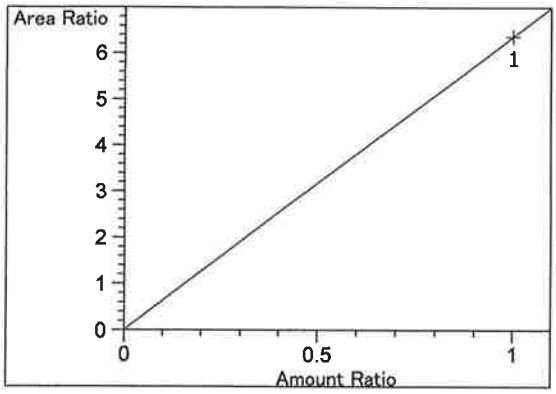
Ethyl Acetate at exp. RT: 7.659
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.40669e-2
x: Amount Ratio
y: Area Ratio



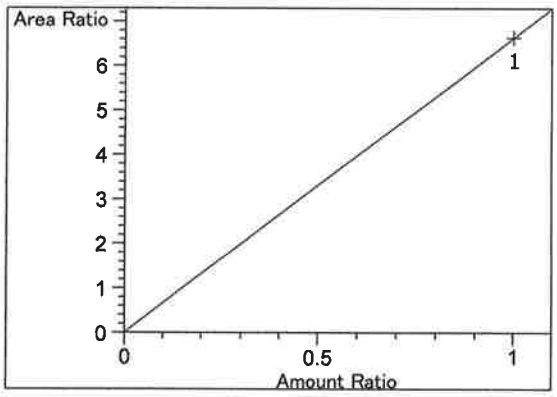
n-Propanol at exp. RT: 7.796
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio



Ethyl Acetate at exp. RT: 8.420
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.02044e-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: 6.36561
x: Amount Ratio
y: Area Ratio

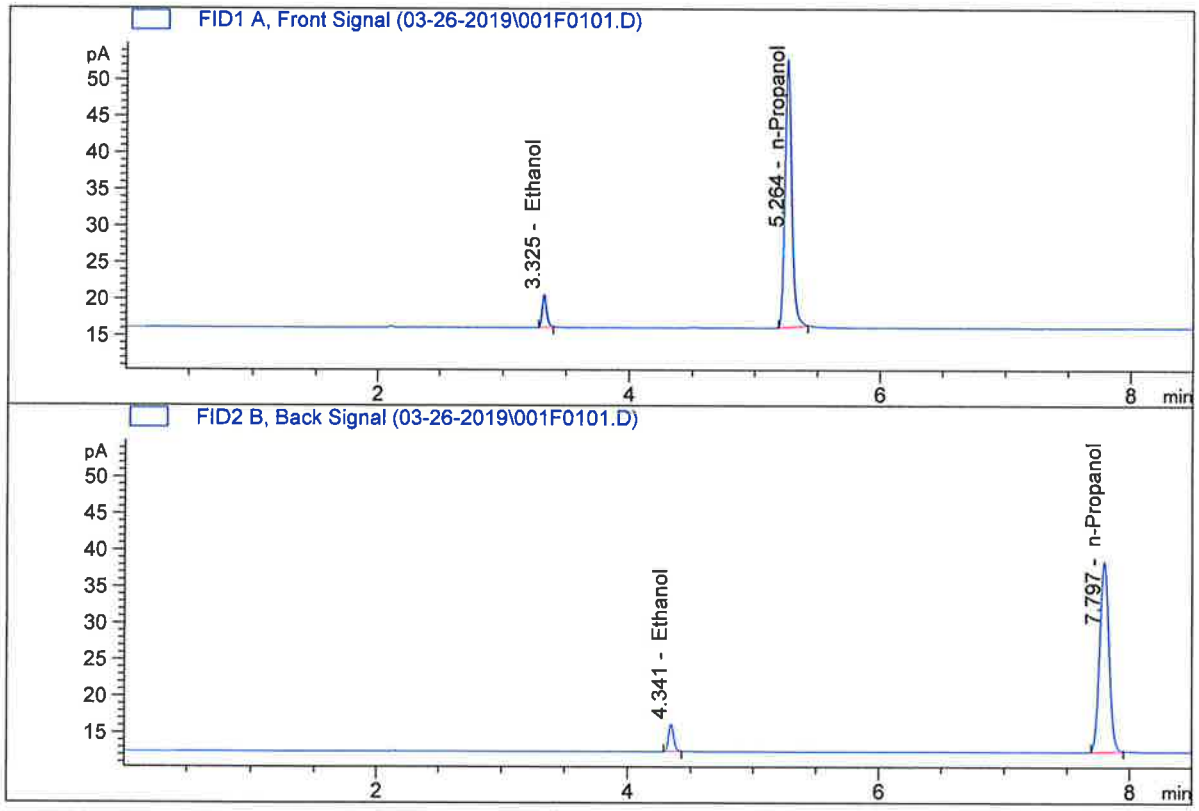


Toluene at exp. RT: 12.229
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 6.63559
x: Amount Ratio
y: Area Ratio

==========

ISP Forensic Services Blood Alcohol Report

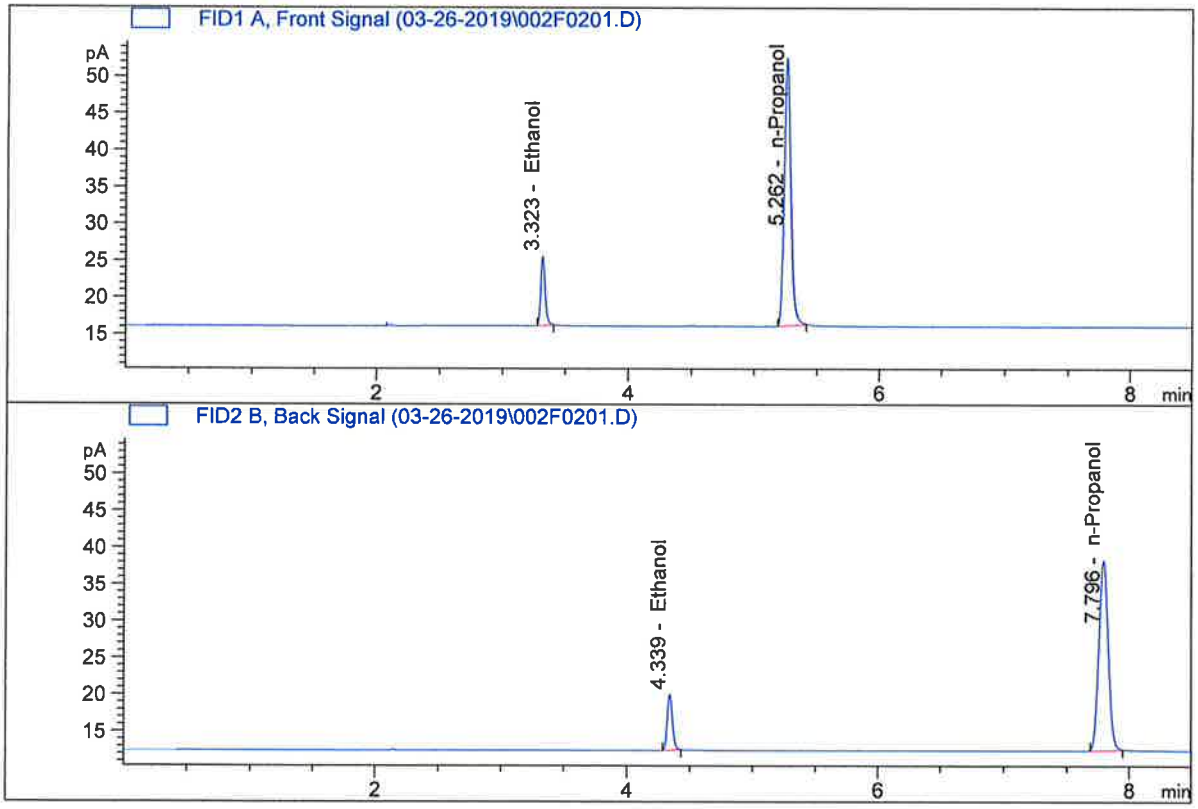
Sample Name : 0.050
Laboratory : Pocatello
Injection Date : Mar 26, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	11.15124	0.0464	g/100cc
2.	Ethanol	Column 2:	11.20691	0.0486	g/100cc
3.	n-Propanol	Column 1:	138.41780	1.0000	g/100cc
4.	n-Propanol	Column 2:	135.86174	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

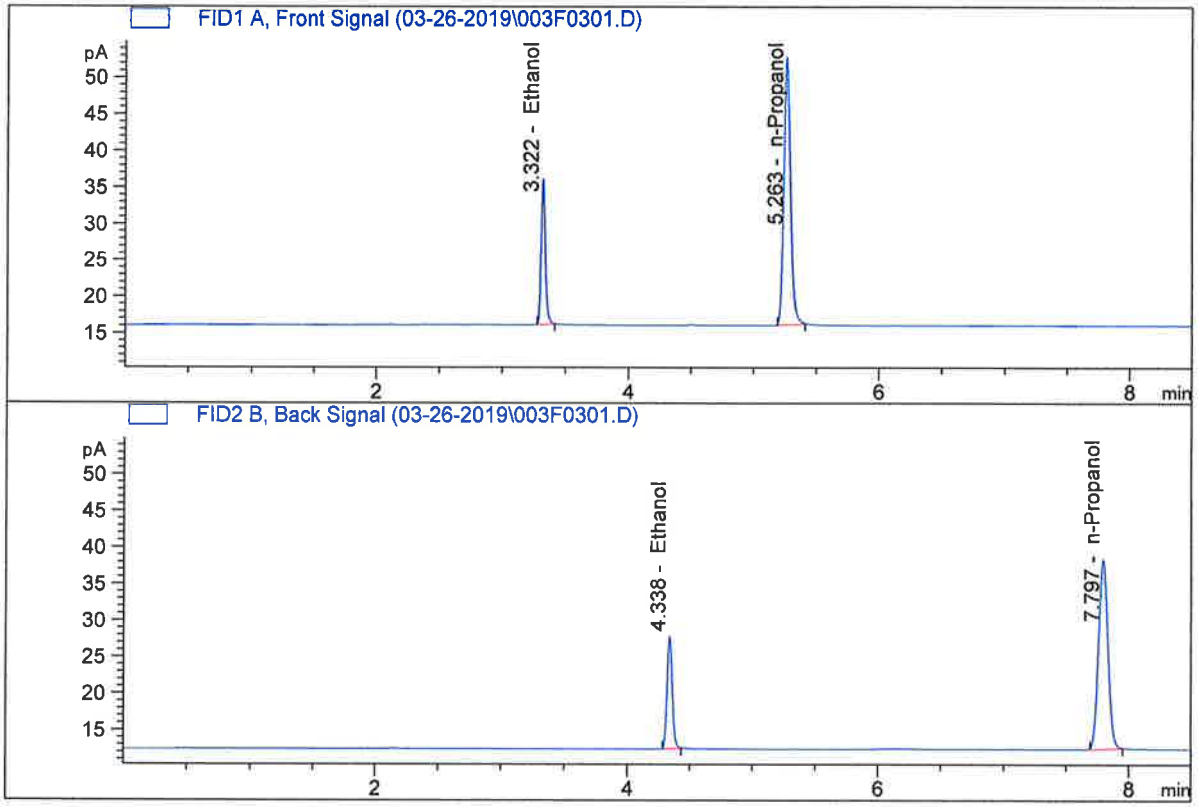
Sample Name : 0.100
Laboratory : Pocatello
Injection Date : Mar 26, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	22.75797	0.0975	g/100cc
2.	Ethanol	Column 2:	22.43798	0.0980	g/100cc
3.	n-Propanol	Column 1:	134.36336	1.0000	g/100cc
4.	n-Propanol	Column 2:	134.95346	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

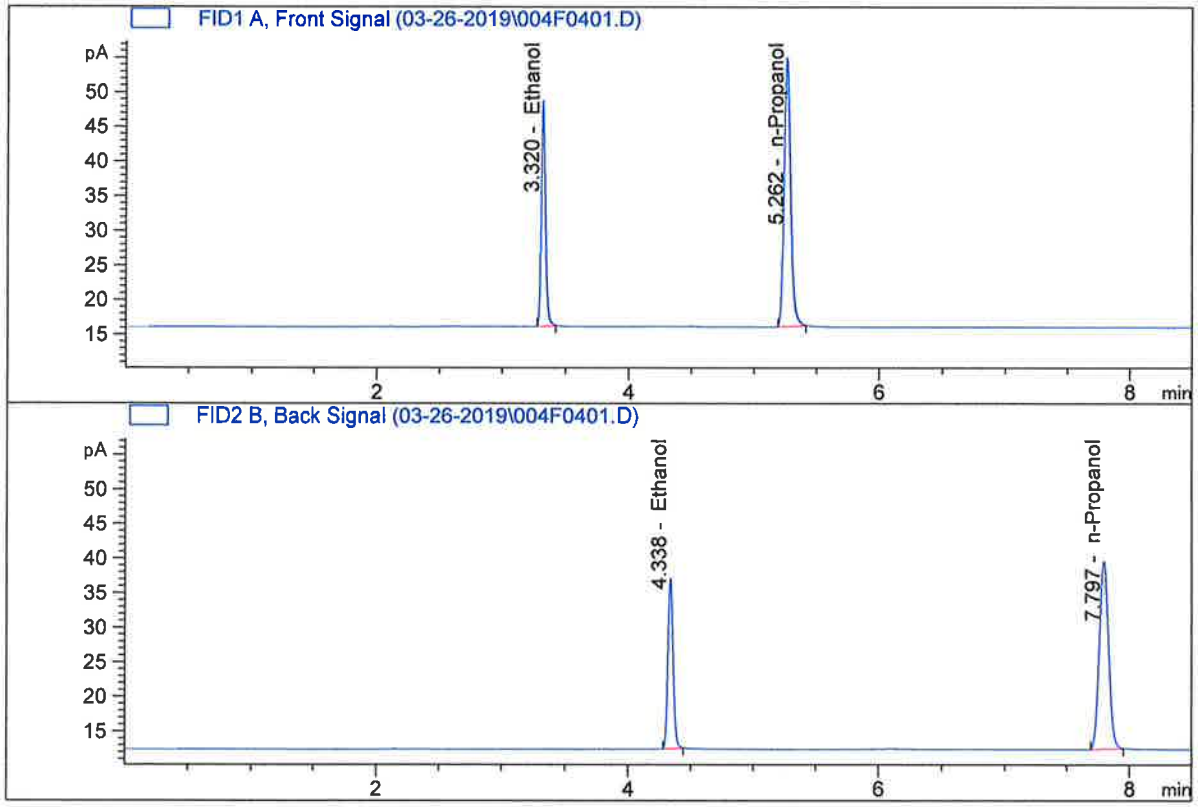
Sample Name : 0.200
Laboratory : Pocatello
Injection Date : Mar 26, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	46.93928	0.2002	g/100cc
2.	Ethanol	Column 2:	45.24659	0.1974	g/100cc
3.	n-Propanol	Column 1:	135.28748	1.0000	g/100cc
4.	n-Propanol	Column 2:	135.47867	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

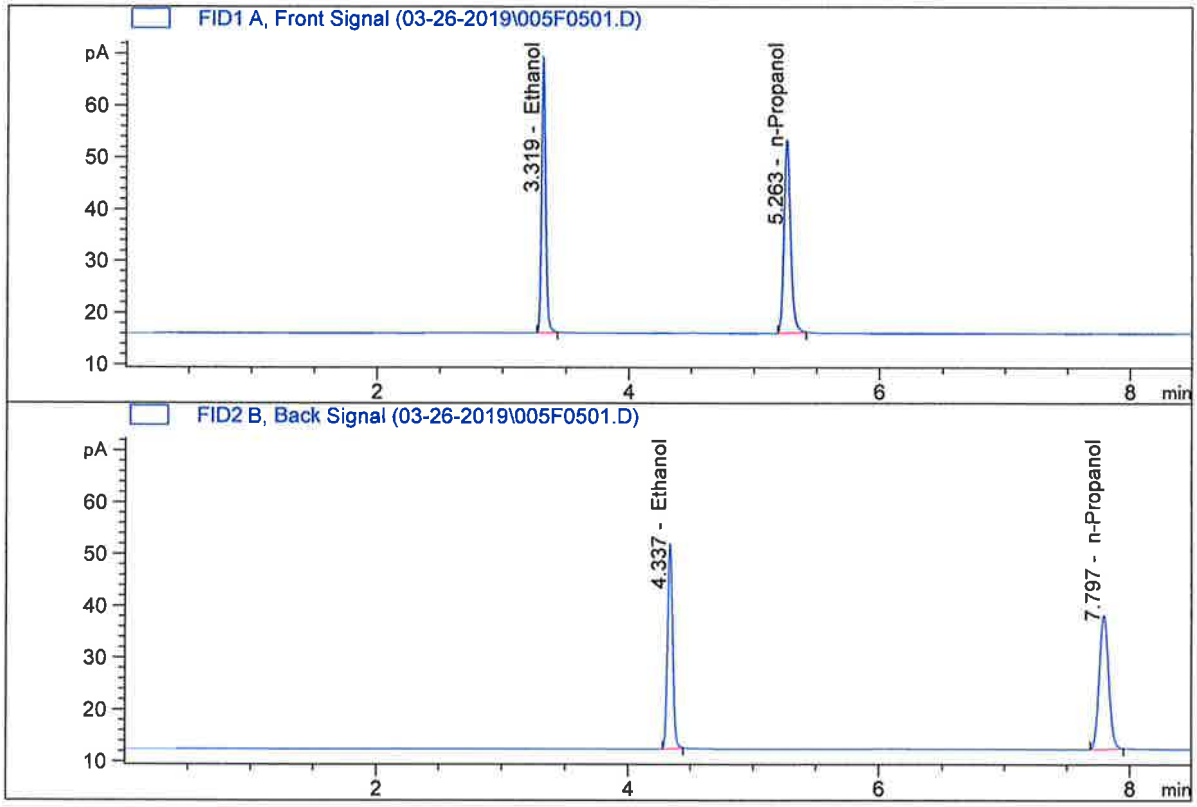
Sample Name : 0.300
Laboratory : Pocatello
Injection Date : Mar 26, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	74.78577	0.3003	g/100cc
2.	Ethanol	Column 2:	72.11927	0.2997	g/100cc
3.	n-Propanol	Column 1:	143.36073	1.0000	g/100cc
4.	n-Propanol	Column 2:	141.90974	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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

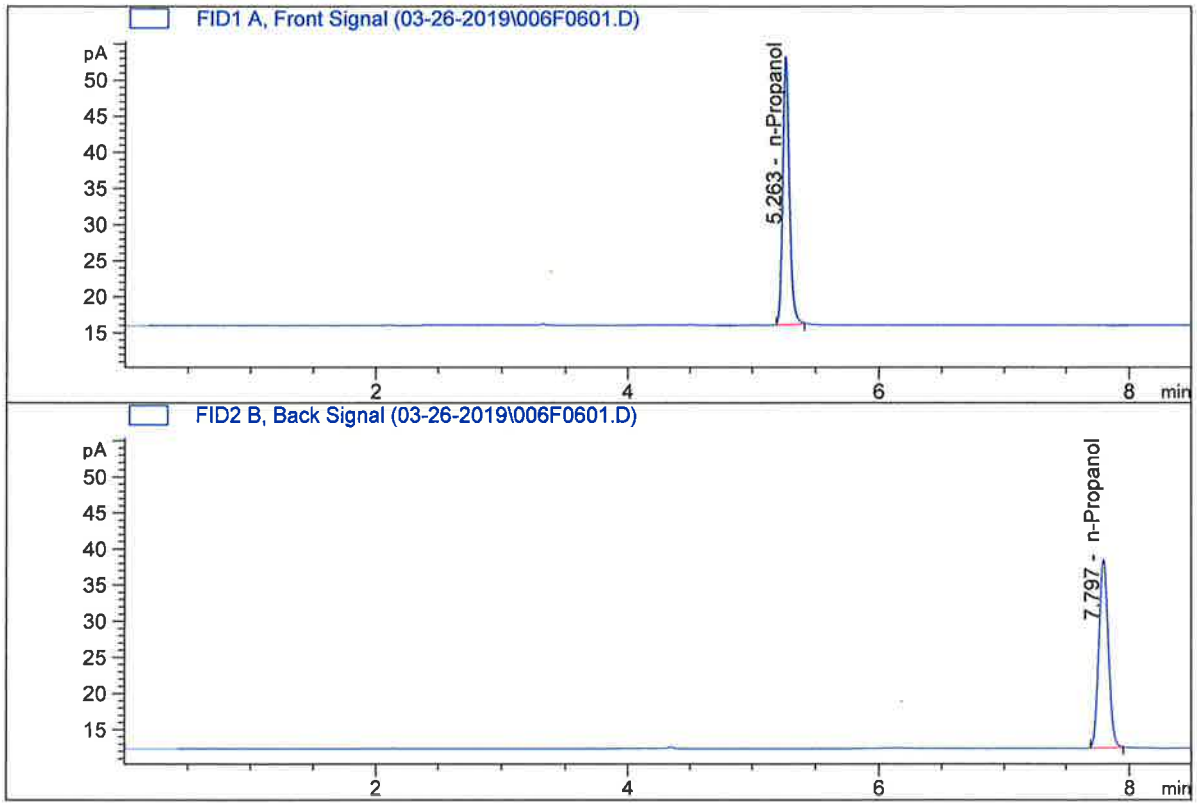


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	119.57117	0.5007	g/100cc
2.	Ethanol	Column 2:	115.29451	0.5021	g/100cc
3.	n-Propanol	Column 1:	137.52498	1.0000	g/100cc
4.	n-Propanol	Column 2:	135.31348	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK-1
Laboratory : Pocatello
Injection Date : Mar 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:	136.39537	1.0000	g/100cc
4.	n-Propanol	Column 2:	136.38333	1.0000	g/100cc

RC

Sample Summary

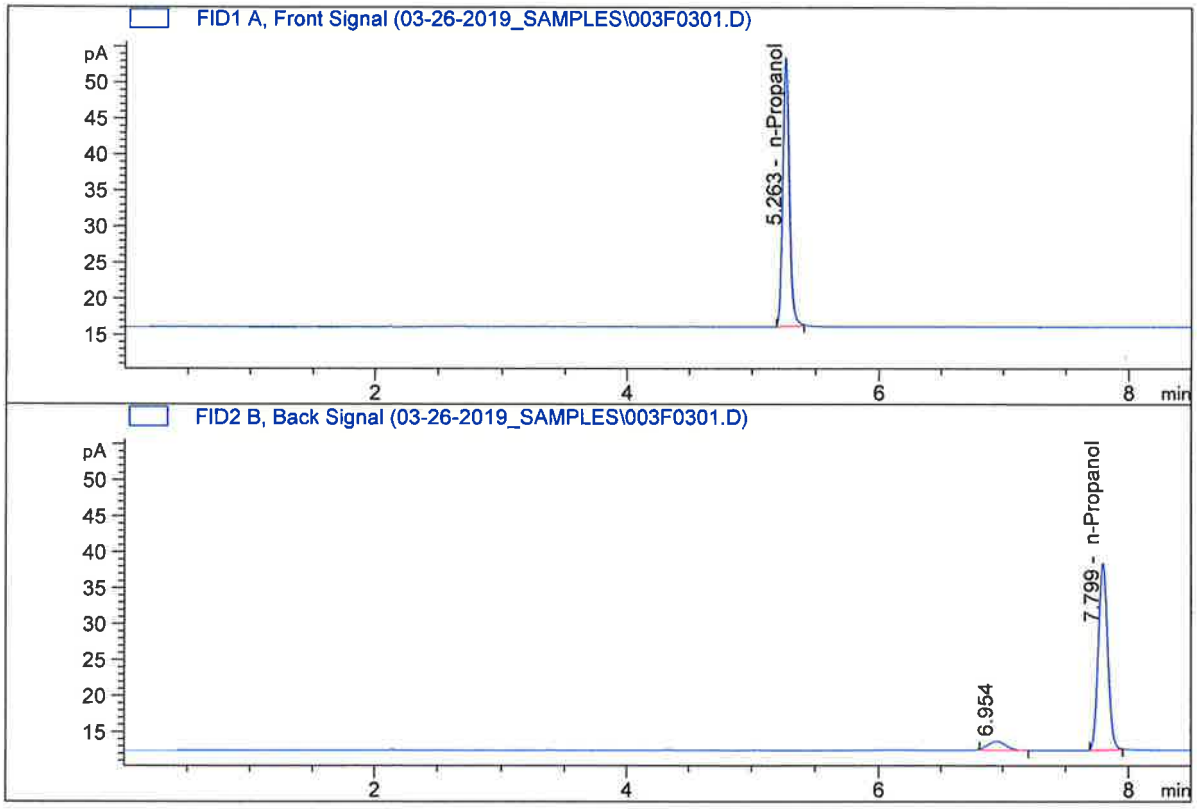
Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_26.03.2019_01.32.36\MASTERCAL.S
Data directory path: C:\Chem32\1\Data\03-26-2019
Logbook: C:\Chem32\1\Data\03-26-2019\MASTERCAL.LOG
Sequence start: 3/26/2019 1:46:30 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

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	ISTD BLANK-1	-	1.0000	006F0601.D		2

ISP Forensic Services Blood Alcohol Report

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

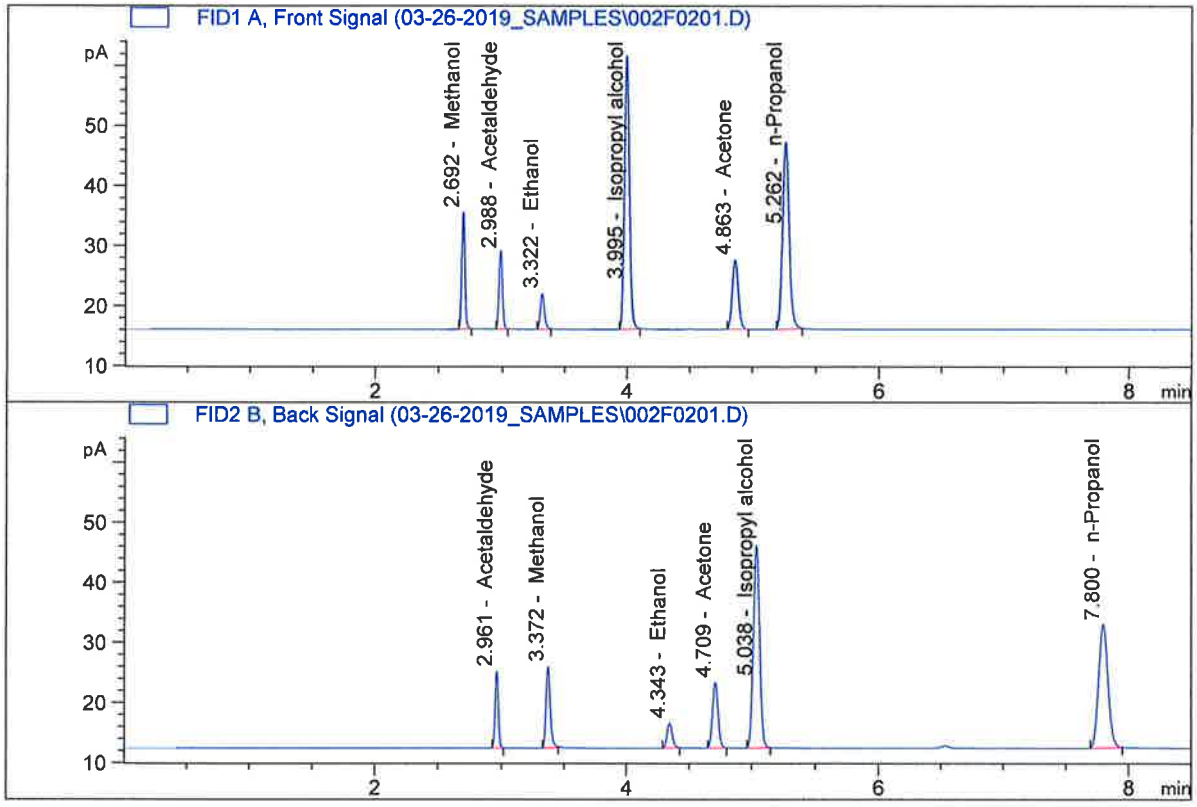


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	136.46149	1.0000	g/100cc
4.	n-Propanol	Column 2:	135.64220	1.0000	g/100cc

RC

ISP Forensic Services Blood Alcohol Report

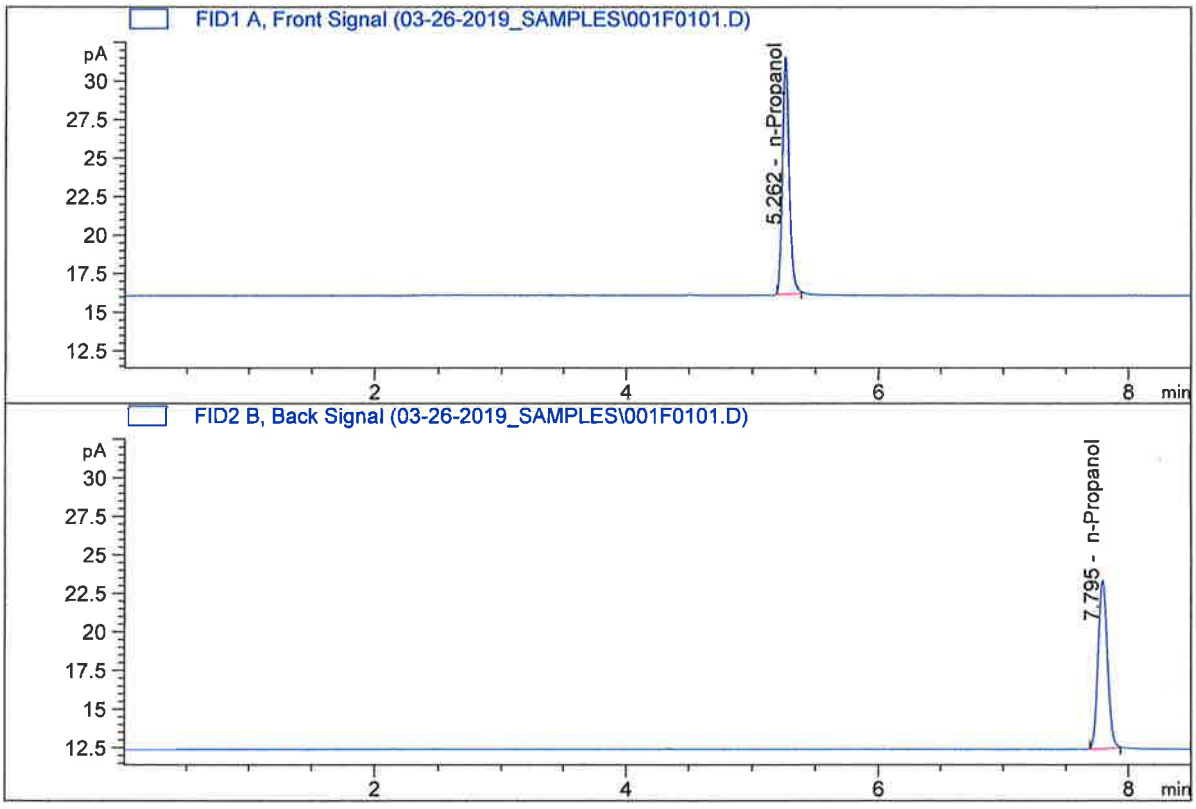
Sample Name : MULTI-COMP MIX
Laboratory : Pocatello
Injection Date : Mar 26, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.50557	0.0693	g/100cc
2.	Ethanol	Column 2:	12.39918	0.0678	g/100cc
3.	n-Propanol	Column 1:	112.22596	1.0000	g/100cc
4.	n-Propanol	Column 2:	107.81627	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Pocatello
Injection Date : Mar 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:	57.70533	1.0000	g/100cc
4.	n-Propanol	Column 2:	57.20098	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 26 Mar 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0762	0.0748	0.0014	0.0755	0.0758	
(g/100cc)	0.0769	0.0754	0.0015	0.0761		

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%**

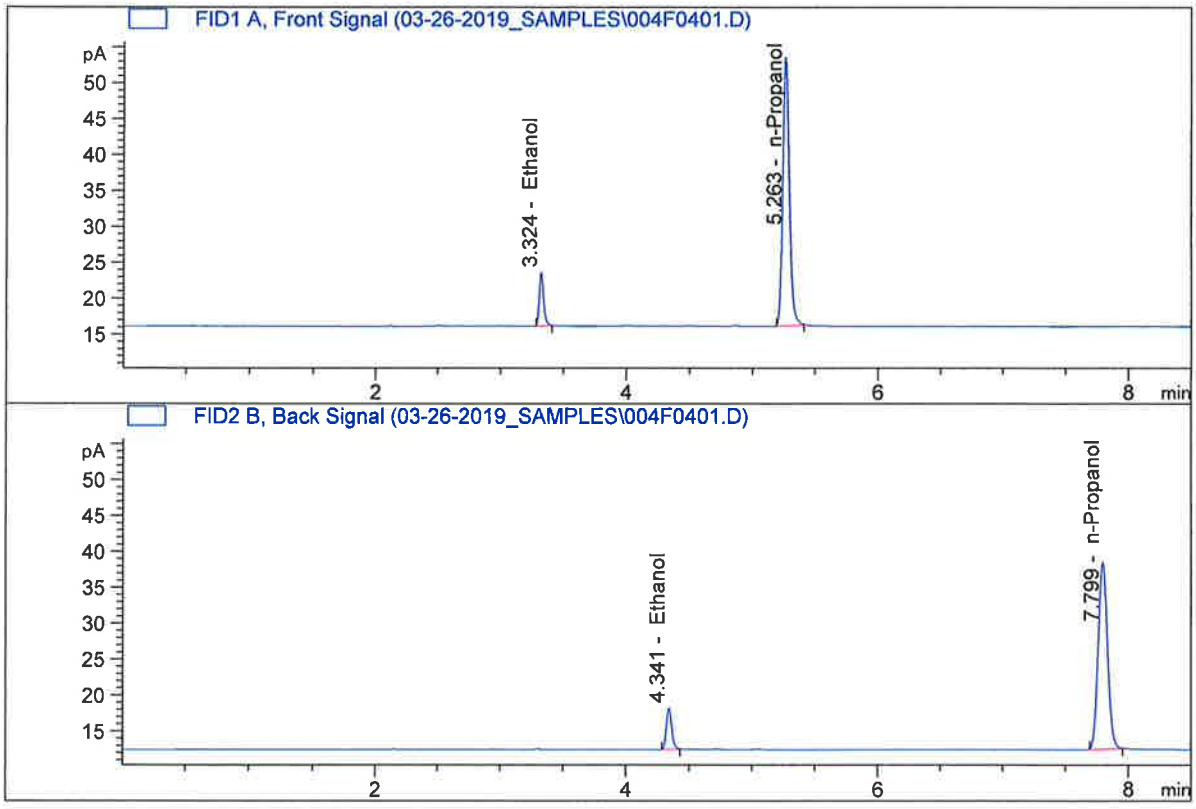
Overall Mean (g/100cc)	Low	High	5% of Mean
0.075	0.071	0.079	0.004

	Reported Result	
	0.075	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

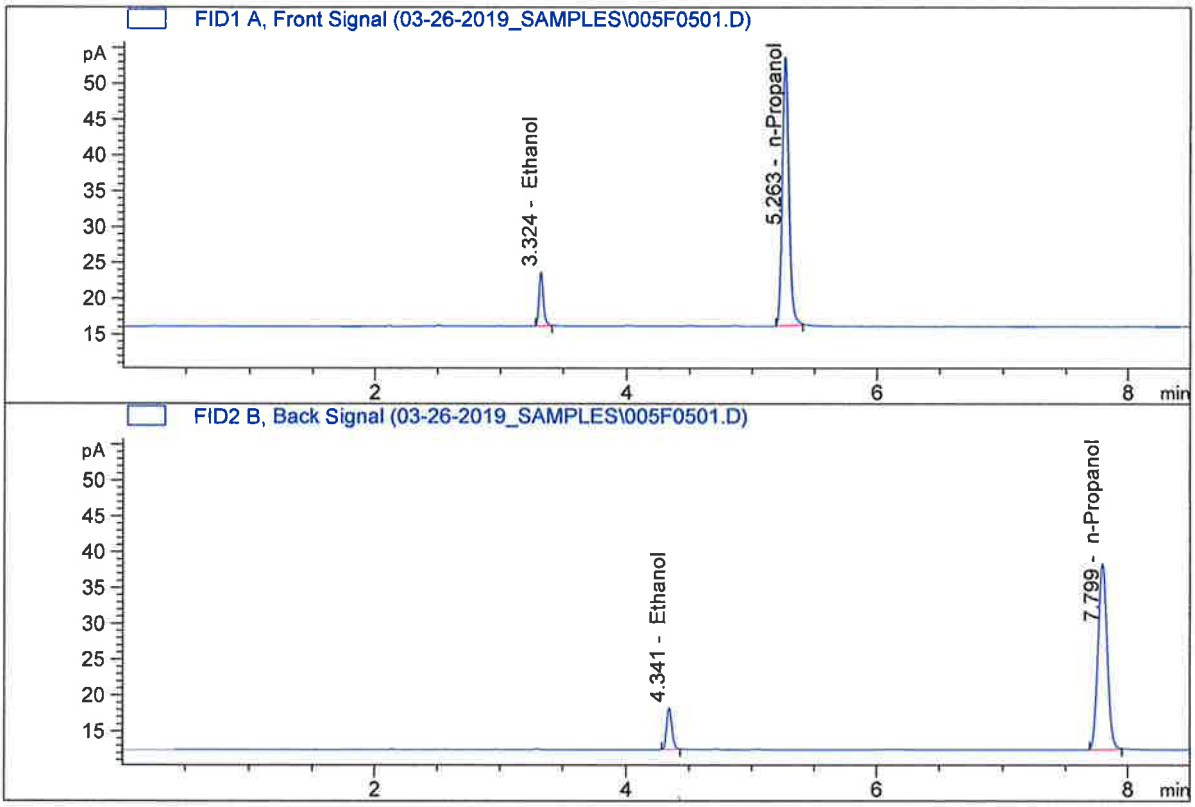
Sample Name : QC1-1-A
Laboratory : Pocatello
Injection Date : Mar 26, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.07048	0.0762	g/100cc
2.	Ethanol	Column 2:	17.20077	0.0748	g/100cc
3.	n-Propanol	Column 1:	136.61415	1.0000	g/100cc
4.	n-Propanol	Column 2:	135.59154	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.20095	0.0769	g/100cc
2.	Ethanol	Column 2:	17.35616	0.0754	g/100cc
3.	n-Propanol	Column 1:	136.37317	1.0000	g/100cc
4.	n-Propanol	Column 2:	135.71487	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 08 QA **Analysis Date(s): 26 Mar 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0780	0.0772	0.0008	0.0776	0.0775	
(g/100cc)	0.0780	0.0769	0.0011	0.0774		

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%**

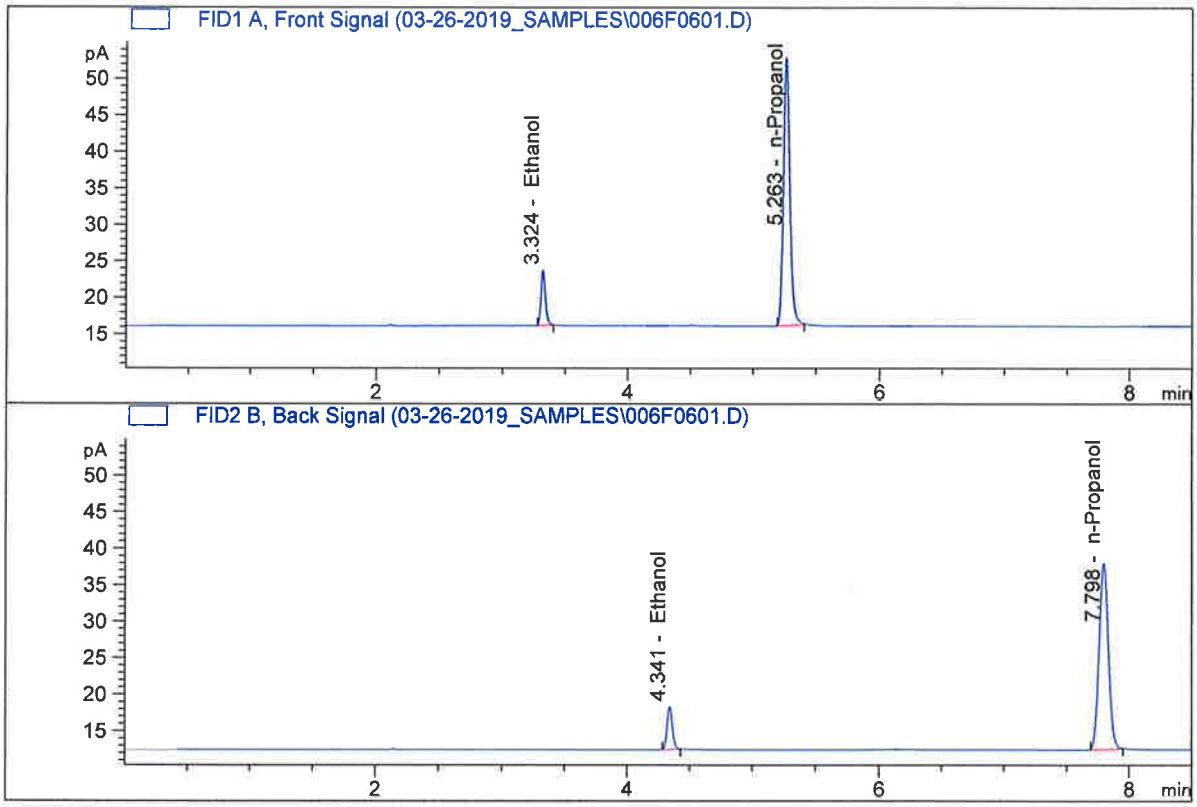
Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	**0.073**	**0.081**	**0.004**

	Reported Result	
	0.077	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

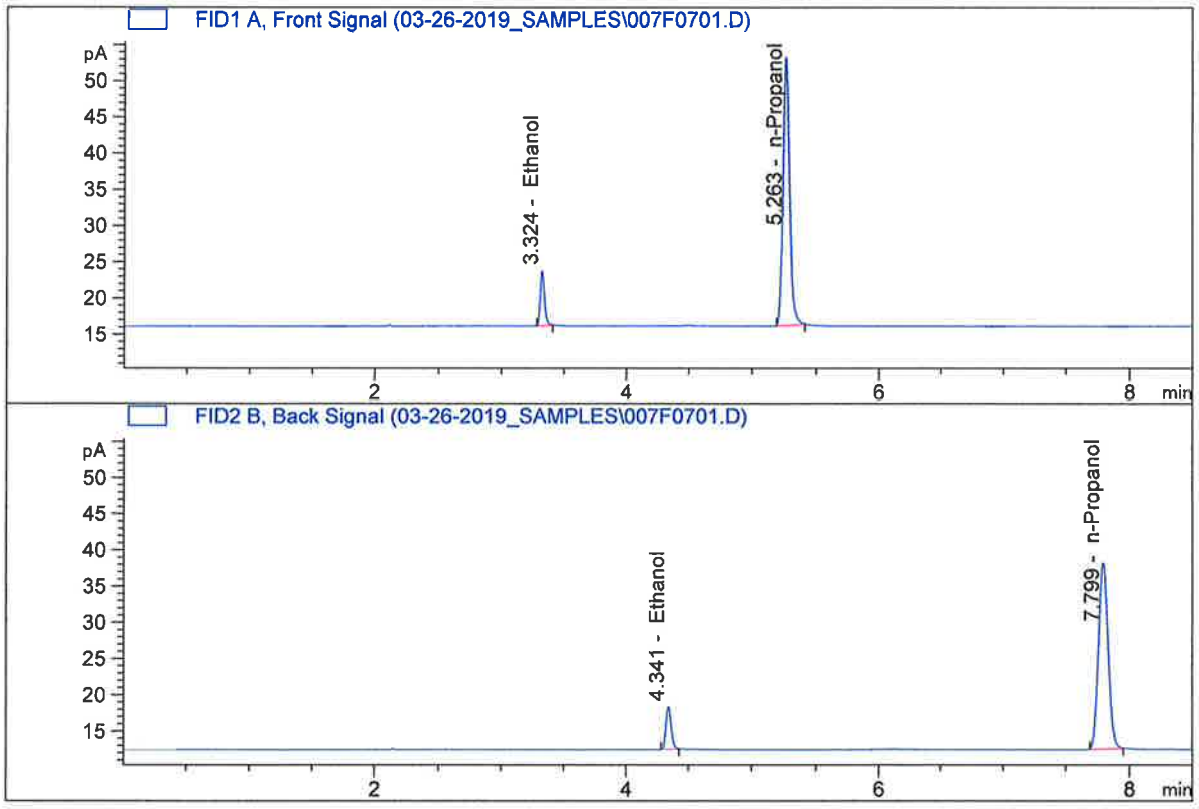
Sample Name : 08 QA-A
Laboratory : Pocatello
Injection Date : Mar 26, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.14138	0.0780	g/100cc
2.	Ethanol	Column 2:	17.45339	0.0772	g/100cc
3.	n-Propanol	Column 1:	134.02029	1.0000	g/100cc
4.	n-Propanol	Column 2:	133.28503	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.30209	0.0780	g/100cc
2.	Ethanol	Column 2:	17.56037	0.0769	g/100cc
3.	n-Propanol	Column 1:	135.20792	1.0000	g/100cc
4.	n-Propanol	Column 2:	134.59286	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 26 Mar 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1979	0.1964	0.0015	0.1971	0.1974	
(g/100cc)	0.1983	0.1971	0.0012	0.1977		

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
0.197	**0.187**	**0.207**	**0.010**

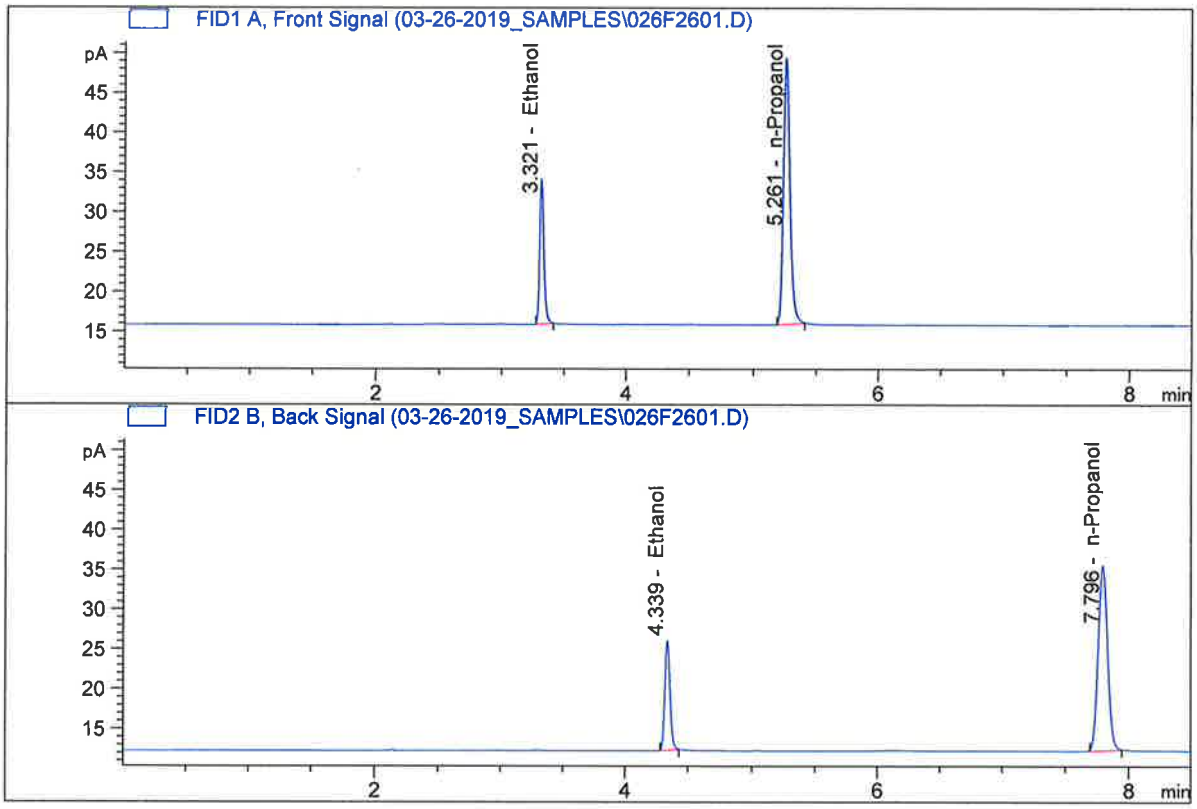
Reported Result

0.197

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

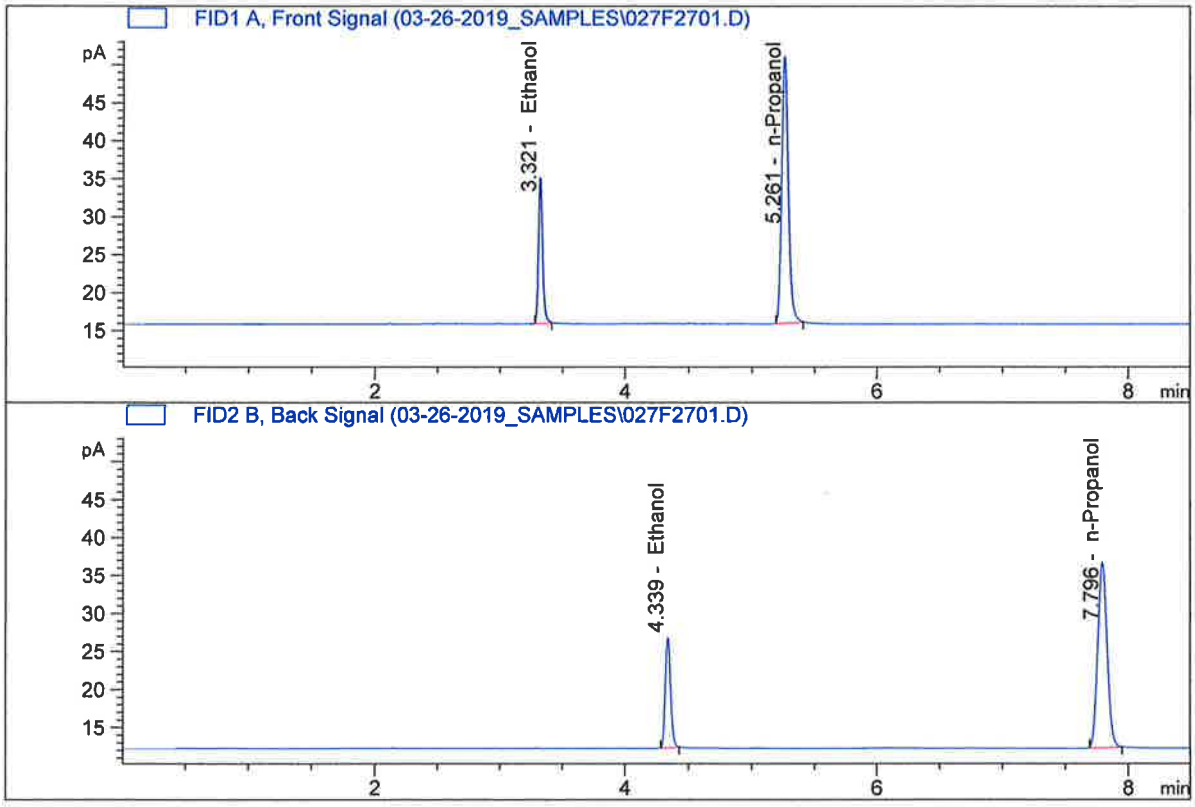
Sample Name : QC2-1-A
Laboratory : Pocatello
Injection Date : Mar 26, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	42.08334	0.1979	g/100cc
2.	Ethanol	Column 2:	40.55735	0.1964	g/100cc
3.	n-Propanol	Column 1:	122.43318	1.0000	g/100cc
4.	n-Propanol	Column 2:	121.67119	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.14528	0.1983	g/100cc
2.	Ethanol	Column 2:	42.59079	0.1971	g/100cc
3.	n-Propanol	Column 1:	128.20206	1.0000	g/100cc
4.	n-Propanol	Column 2:	127.33202	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 27 Mar 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0797	0.0784	0.0013	0.0790	0.0788	
(g/100cc)	0.0793	0.0780	0.0013	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%**

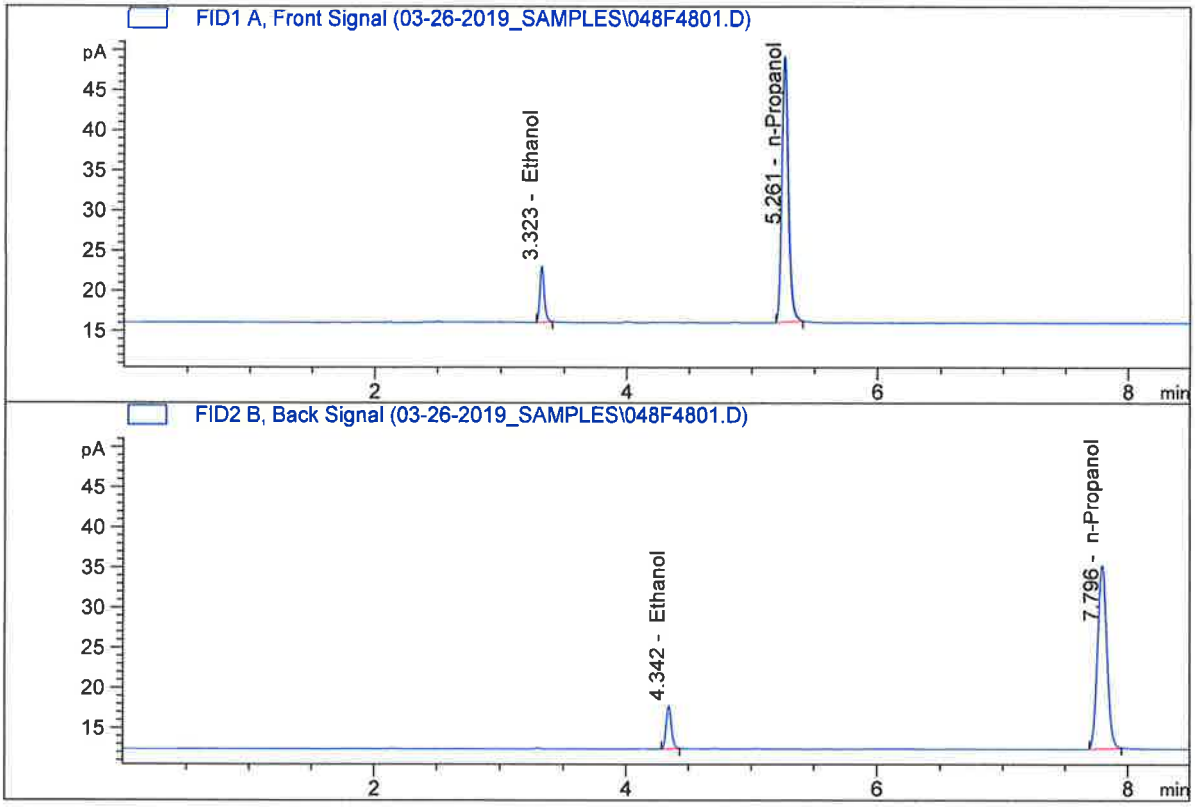
Overall Mean (g/100cc)	Low	High	5% of Mean
0.078	**0.074**	**0.082**	**0.004**

Reported Result
0.078

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

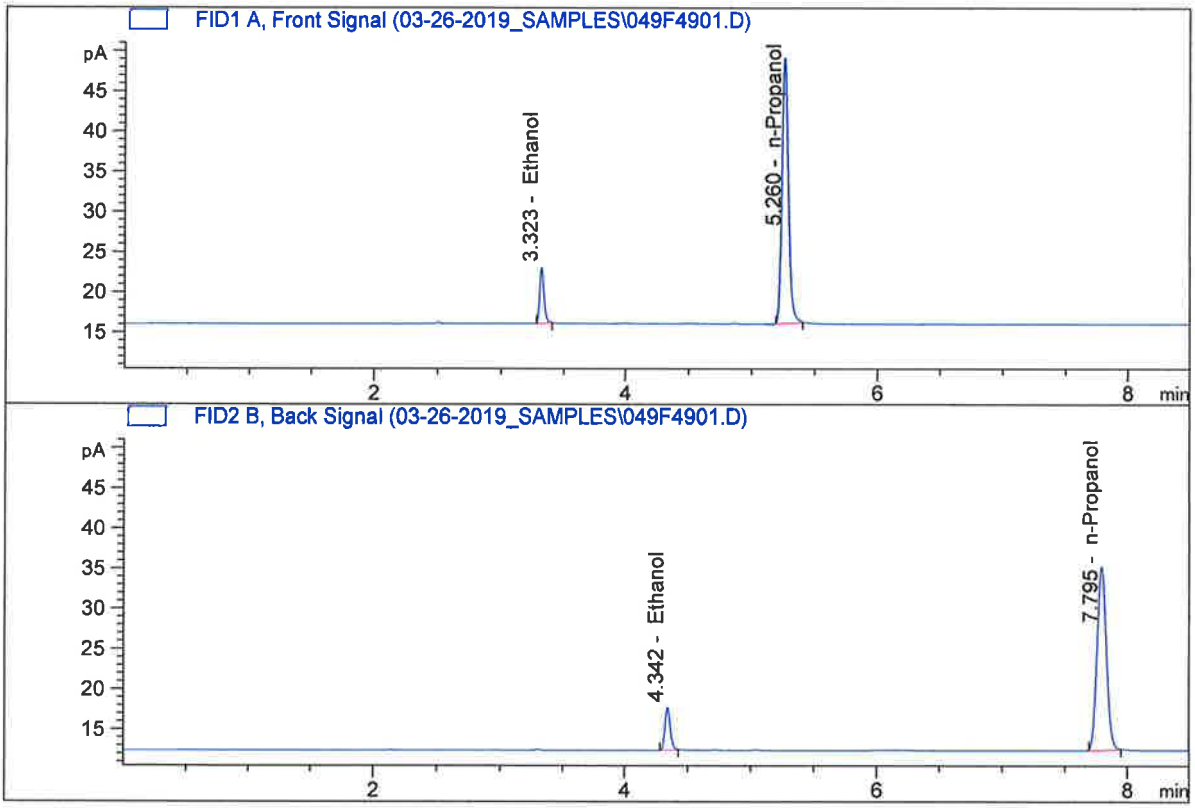
Sample Name : QC1-2-A
Laboratory : Pocatello
Injection Date : Mar 27, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.70340	0.0797	g/100cc
2.	Ethanol	Column 2:	15.90851	0.0784	g/100cc
3.	n-Propanol	Column 1:	120.61691	1.0000	g/100cc
4.	n-Propanol	Column 2:	119.60816	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Pocatello
Injection Date : Mar 27, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	16.54904	0.0793	g/100cc
2.	Ethanol	Column 2:	15.75572	0.0780	g/100cc
3.	n-Propanol	Column 1:	120.15630	1.0000	g/100cc
4.	n-Propanol	Column 2:	119.09559	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 27 Mar 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2032	0.2017	0.0015	0.2024	0.2027	
(g/100cc)	0.2037	0.2024	0.0013	0.2030		

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%**

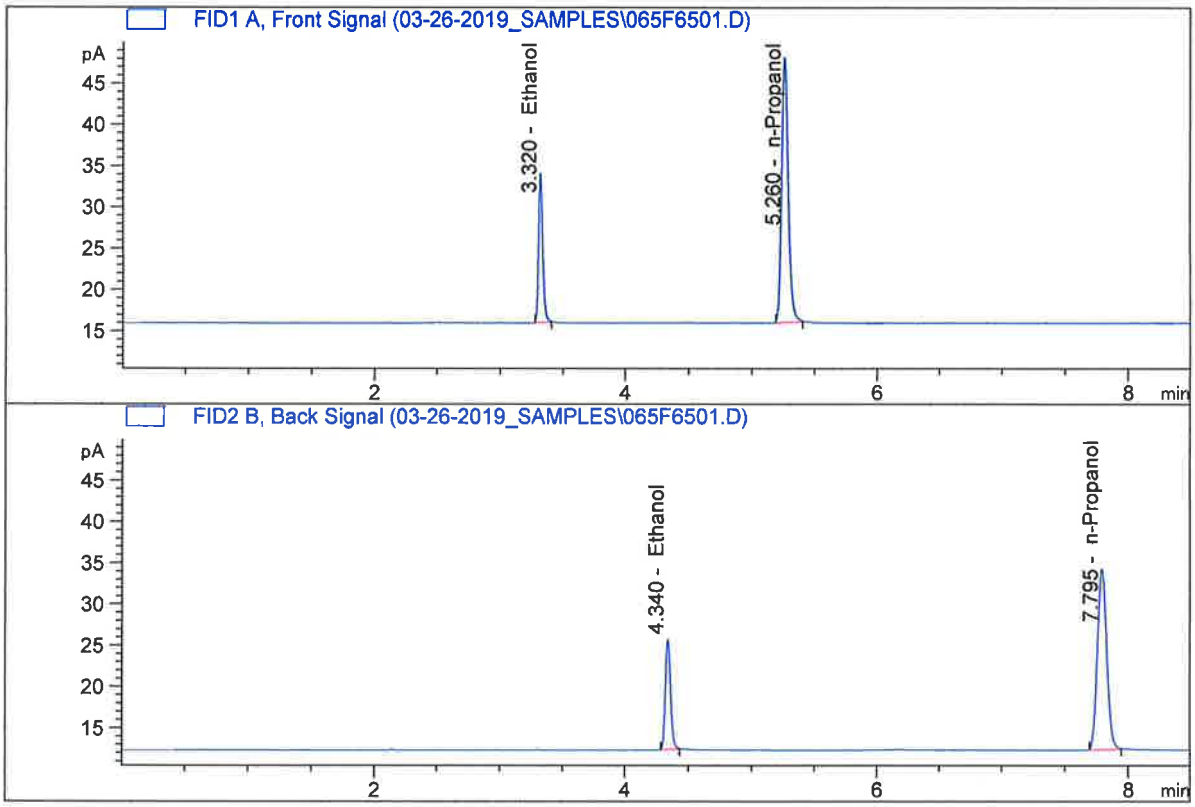
Overall Mean (g/100cc)	Low	High	5% of Mean
0.202	**0.191**	**0.213**	**0.011**

	Reported Result	
	0.202	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

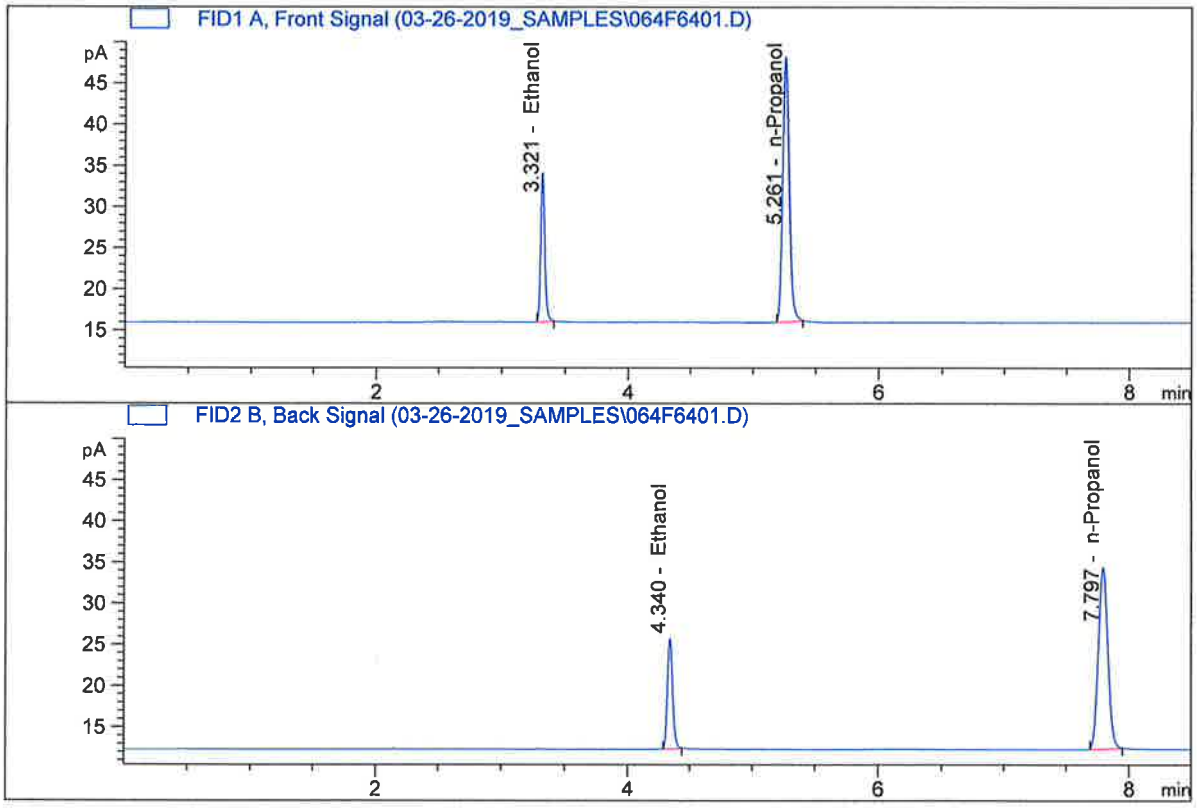
Sample Name : QC2-2-B
Laboratory : Pocatello
Injection Date : Mar 27, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	41.25699	0.2037	g/100cc
2.	Ethanol	Column 2:	39.38607	0.2024	g/100cc
3.	n-Propanol	Column 1:	116.66262	1.0000	g/100cc
4.	n-Propanol	Column 2:	114.69769	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

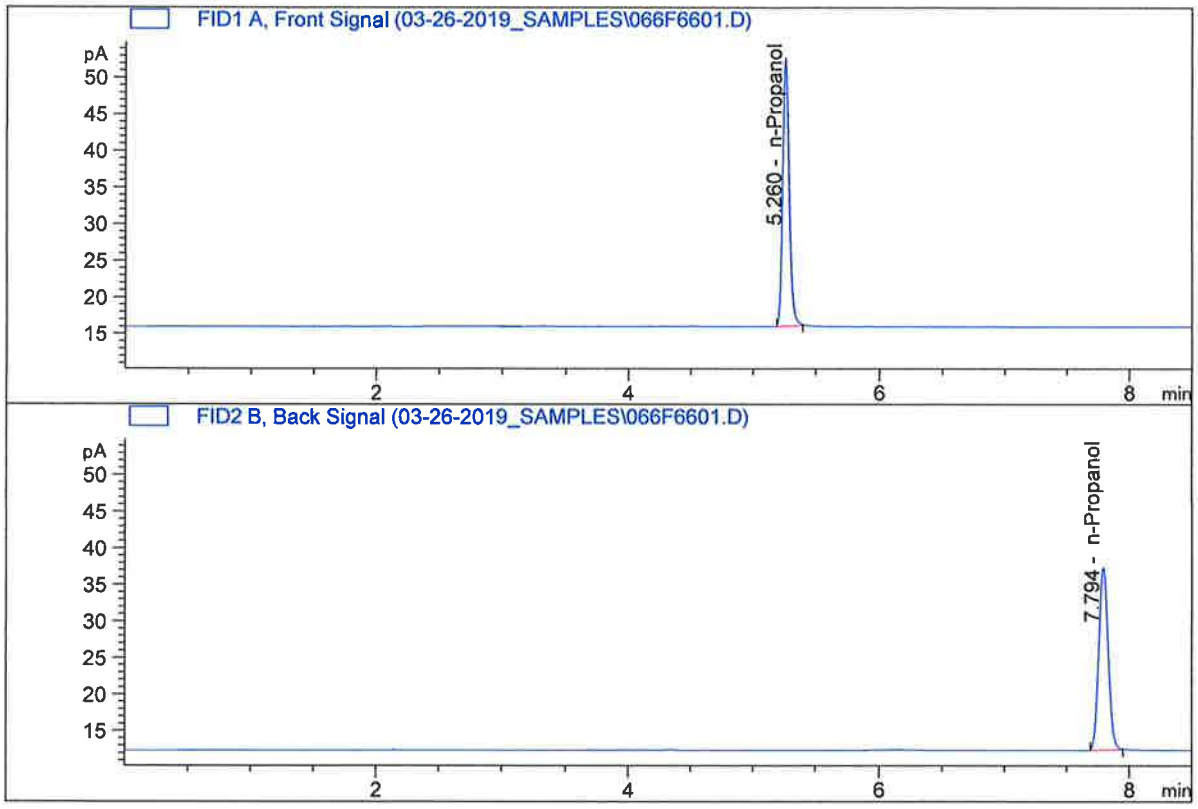
Sample Name : QC2-2-A
Laboratory : Pocatello
Injection Date : Mar 27, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	41.19896	0.2032	g/100cc
2.	Ethanol	Column 2:	39.35044	0.2017	g/100cc
3.	n-Propanol	Column 1:	116.74024	1.0000	g/100cc
4.	n-Propanol	Column 2:	114.98376	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

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

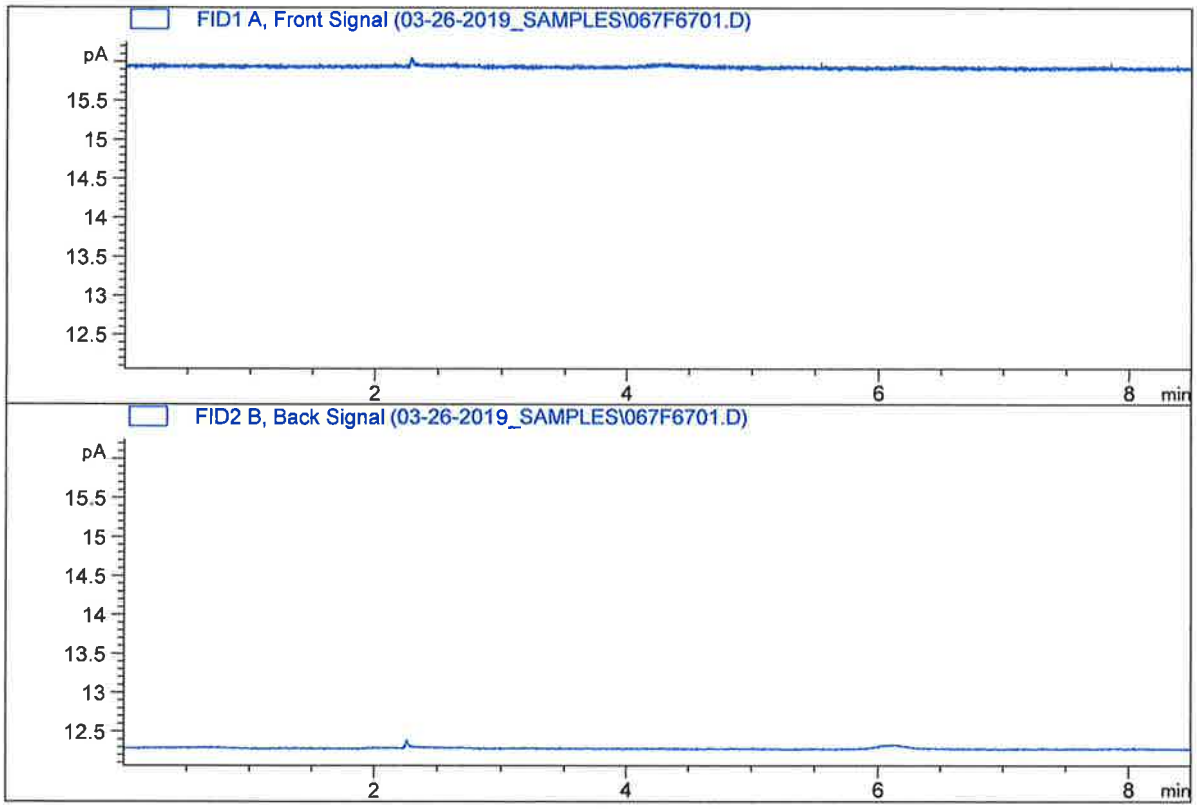


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	132.72073	1.0000	g/100cc
4.	n-Propanol	Column 2:	131.14406	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : TFE
Laboratory : Pocatello
Injection Date : Mar 27, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010

Didn't inject ?

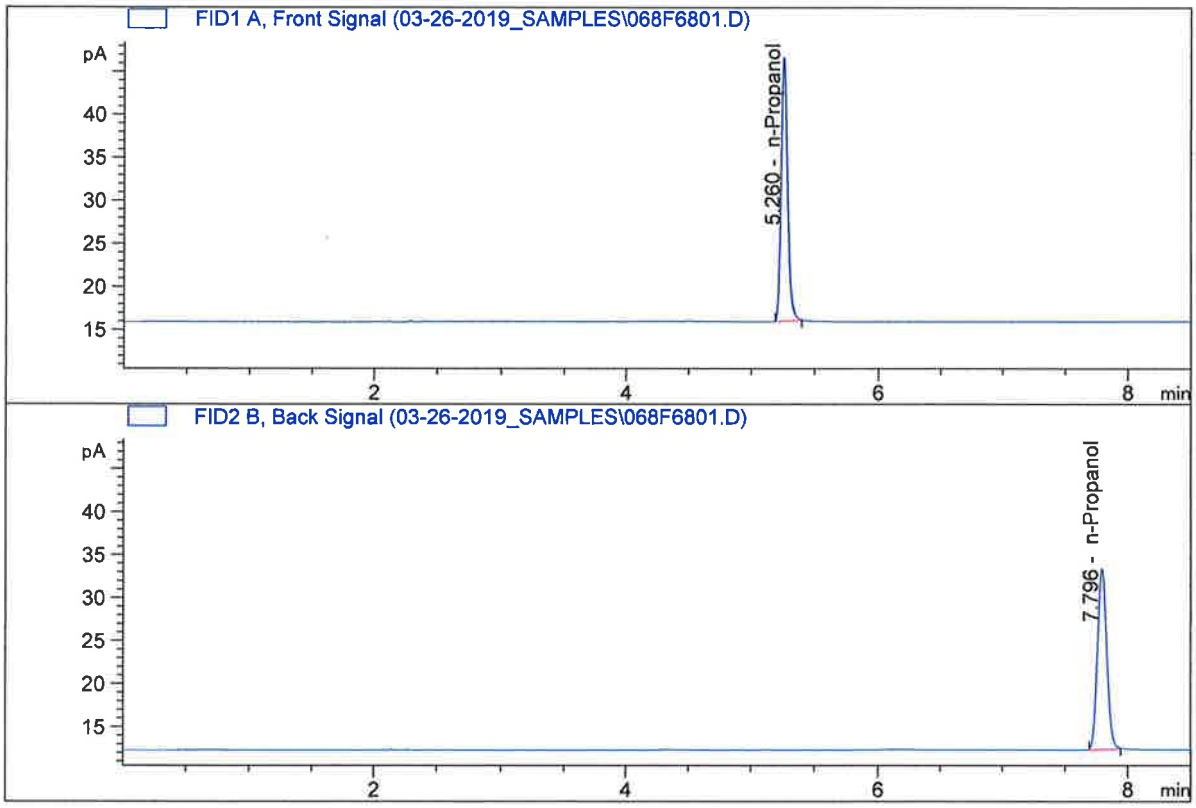


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	0.00000	0.0000	g/100cc
4.	n-Propanol	Column 2:	0.00000	0.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

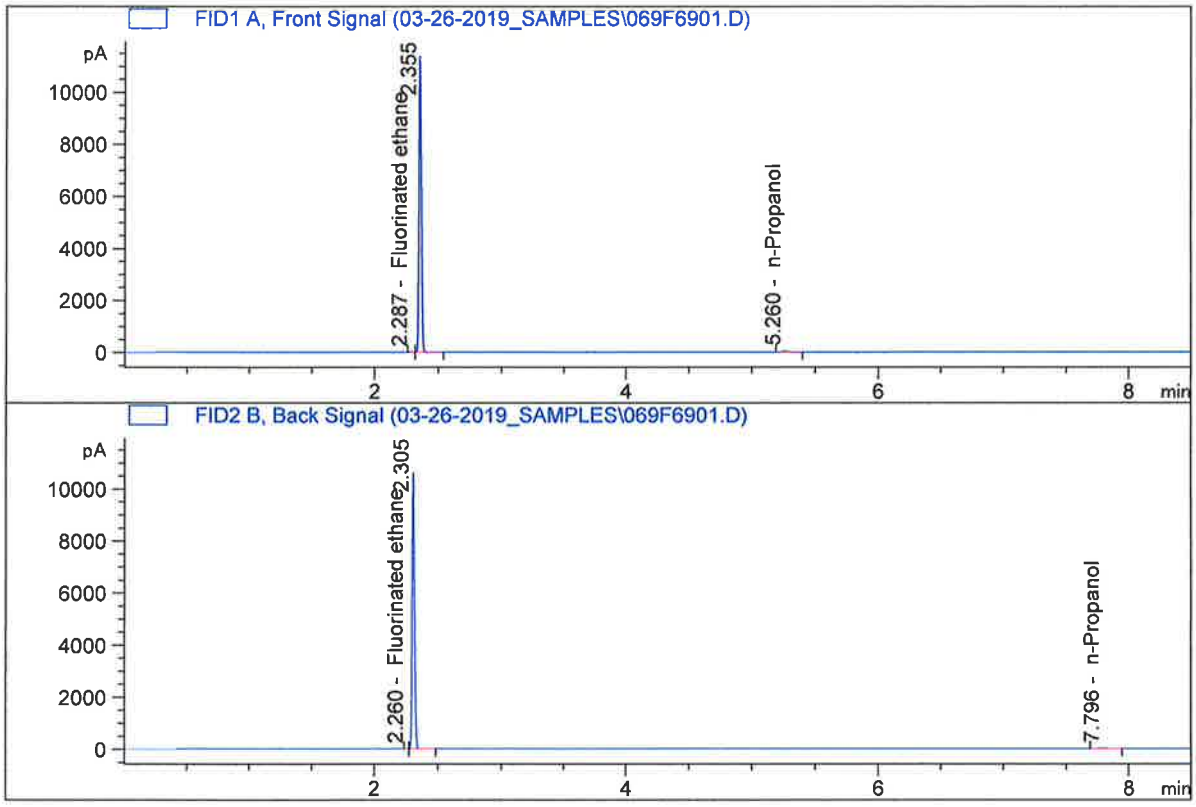
Sample Name : INT STD BLK
Laboratory : Pocatello
Injection Date : Mar 27, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	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:	111.01596	1.0000	g/100cc
4.	n-Propanol	Column 2:	109.93815	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

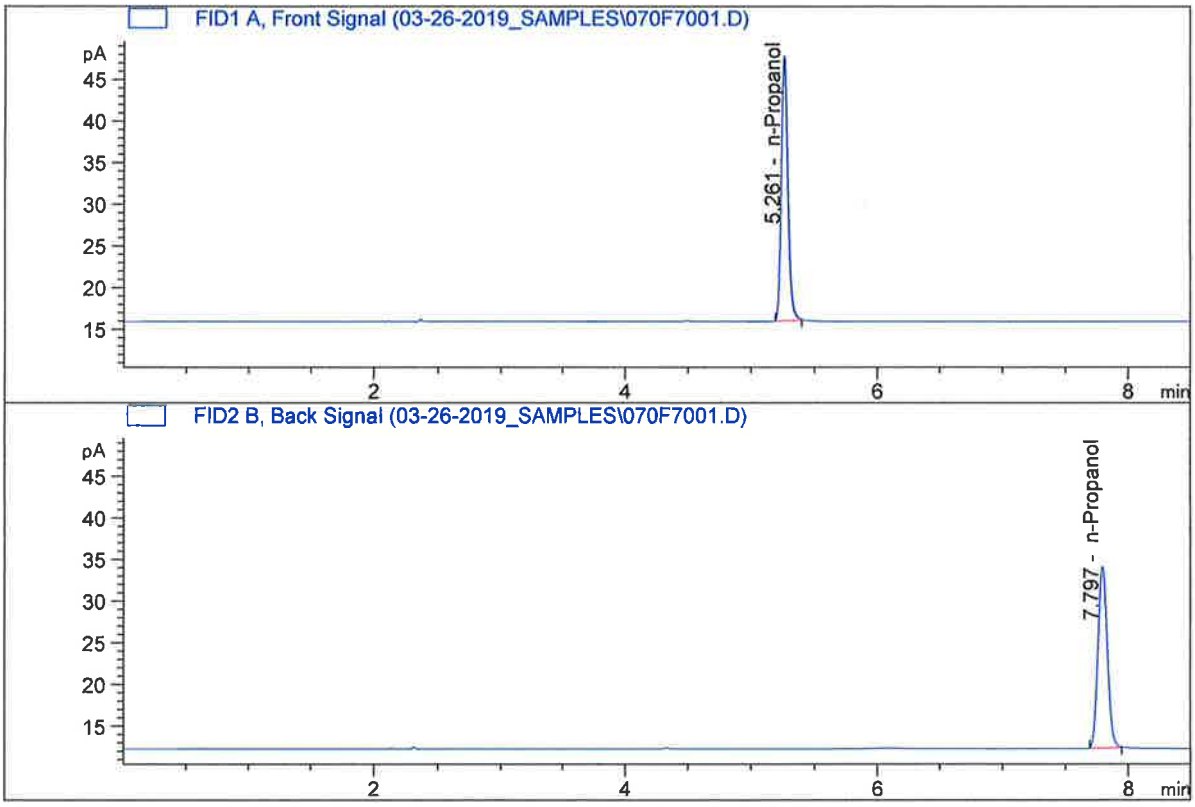
Sample Name : DFE
Laboratory : Pocatello
Injection Date : Mar 27, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	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:	116.40506	1.0000	g/100cc
4.	n-Propanol	Column 2:	114.71166	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD BLK
Laboratory : Pocatello
Injection Date : Mar 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:	114.93587	1.0000	g/100cc
4.	n-Propanol	Column 2:	114.11378	1.0000	g/100cc

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_26.03.2019_04.43.54\RC26MAR2019.S
Data directory path: C:\Chem32\1\Data\03-26-2019_SAMPLES
Logbook: C:\Chem32\1\Data\03-26-2019_SAMPLES\RC26MAR2019.LOG
Sequence start: 3/26/2019 4:57:44 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	P2019-0699-1-A	-	1.0000	008F0801.D	4
9	9	1	P2019-0699-1-B	-	1.0000	009F0901.D	4
10	10	1	P2019-0699-2-A	-	1.0000	010F1001.D	4
11	11	1	P2019-0699-2-B	-	1.0000	011F1101.D	4
12	12	1	P2019-0699-3-A	-	1.0000	012F1201.D	4
13	13	1	P2019-0699-3-B	-	1.0000	013F1301.D	4
14	14	1	P2019-0699-4-A	-	1.0000	014F1401.D	4
15	15	1	P2019-0699-4-B	-	1.0000	015F1501.D	4
16	16	1	P2019-0755-1-A	-	1.0000	016F1601.D	4
17	17	1	P2019-0755-1-B	-	1.0000	017F1701.D	4
18	18	1	P2019-0757-1-A	-	1.0000	018F1801.D	6
19	19	1	P2019-0757-1-B	-	1.0000	019F1901.D	6
20	20	1	P2019-0759-1-A	-	1.0000	020F2001.D	6
21	21	1	P2019-0759-1-B	-	1.0000	021F2101.D	6
22	22	1	P2019-0773-1-A	-	1.0000	022F2201.D	4
23	23	1	P2019-0773-1-B	-	1.0000	023F2301.D	4
24	24	1	P2019-0778-1-A	-	1.0000	024F2401.D	6
25	25	1	P2019-0778-1-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	P2019-0779-1-A	-	1.0000	028F2801.D	4
29	29	1	P2019-0779-1-B	-	1.0000	029F2901.D	4
30	30	1	P2019-0785-2-A	-	1.0000	030F3001.D	2
31	31	1	P2019-0785-2-B	-	1.0000	031F3101.D	2
32	32	1	P2019-0788-1-A	-	1.0000	032F3201.D	2
33	33	1	P2019-0788-1-B	-	1.0000	033F3301.D	2
34	34	1	P2019-0867-1-A	-	1.0000	034F3401.D	6
35	35	1	P2019-0867-1-B	-	1.0000	035F3501.D	4
36	36	1	P2019-0869-1-A	-	1.0000	036F3601.D	2
37	37	1	P2019-0869-1-B	-	1.0000	037F3701.D	2
38	38	1	P2019-0873-3-A	-	1.0000	038F3801.D	6
39	39	1	P2019-0873-3-B	-	1.0000	039F3901.D	6
40	40	1	P2019-0875-1-A	-	1.0000	040F4001.D	4
41	41	1	P2019-0875-1-B	-	1.0000	041F4101.D	4
42	42	1	P2019-0881-1-A	-	1.0000	042F4201.D	4
43	43	1	P2019-0881-1-B	-	1.0000	043F4301.D	4
44	44	1	P2019-0886-1-A	-	1.0000	044F4401.D	4
45	45	1	P2019-0886-1-B	-	1.0000	045F4501.D	4
46	46	1	P2019-0887-1-A	-	1.0000	046F4601.D	4

Sequence File C:\Chem32\1\TEMP\AESEQ\QS_26.03.2019_04.43.54\RC26MAR2019.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
47	47	1	P2019-0887-1-B	-	1.0000	047F4701.D		4
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	P2019-0888-1-A	-	1.0000	050F5001.D		4
51	51	1	P2019-0888-1-B	-	1.0000	051F5101.D		4
52	52	1	P2019-0889-1-A	-	1.0000	052F5201.D		6
53	53	1	P2019-0889-1-B	-	1.0000	053F5301.D		6
54	54	1	P2019-0890-1-A	-	1.0000	054F5401.D		0
55	55	1	P2019-0890-1-B	-	1.0000	055F5501.D		2
56	56	1	P2019-0891-1-A	-	1.0000	056F5601.D		2
57	57	1	P2019-0891-1-B	-	1.0000	057F5701.D		2
58	58	1	P2019-0892-1-A	-	1.0000	058F5801.D		4
59	59	1	P2019-0892-1-B	-	1.0000	059F5901.D		4
60	60	1	P2019-0895-1-A	-	1.0000	060F6001.D		2
61	61	1	P2019-0895-1-B	-	1.0000	061F6101.D		2
62	62	1	P2019-0903-1-A	-	1.0000	062F6201.D		4
63	63	1	P2019-0903-1-B	-	1.0000	063F6301.D		4
64	64	1	QC2-2-A	-	1.0000	064F6401.D		4
65	65	1	QC2-2-B	-	1.0000	065F6501.D		4
66	66	1	INT STD BLK	-	1.0000	066F6601.D		2
67	67	1	TFE	-	1.0000	067F6701.D		0
68	68	1	INT STD BLK	-	1.0000	068F6801.D		2
69	69	1	DFE	-	1.0000	069F6901.D		4
70	70	1	INT STD BLK	-	1.0000	070F7001.D		2