Worklist: 1996

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
C2017-1972	1	96360	Alcohol Analysis
C2017-1973	1	96363	Alcohol Analysis
C2017-1989	1	96503	Alcohol Analysis
C2017-1994	1	96539	Alcohol Analysis
C2017-2005	1	96571	Alcohol Analysis
C2017-2028	1	96872	Alcohol Analysis
C2017-2047	1	96968	Alcohol Analysis
C2017-2057	1	97027	Alcohol Analysis
C2017-2072	1	97089	Alcohol Analysis
C2017-2088	1	97225	Alcohol Analysis
C2017-2114	1	97554	Alcohol Analysis
C2017-2145	1	97838	Alcohol Analysis
C2017-2150	1	97973	Alcohol Analysis
C2017-2159	1	98175	Alcohol Analysis
C2017-2210	1	98987	Alcohol Analysis
C2017-2233	1	99039	Alcohol Analysis
C2017-2234	1	99040	Alcohol Analysis
C2017-2248	1	99315	Alcohol Analysis
C2017-2256	1	99360	Alcohol Analysis

data reprocessed 11-13-17
Calibrator #4 was not included/updated in original processing from 11-8-17

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_07.11.2017_03.16.17\11-7-2017.S
Data directory path: C:\Chem32\1\Data\11-7-2017-JTJ
Logbook: C:\Chem32\1\Data\11-7-2017-JTJ\11-7-2017.LOG
Sequence start: 11/7/2017 3:30:03 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	water	-	1.0000	001F0101.D		0
2	2	1	VOL MIX FN-06041	-	1.0000	002F0201.D		10
3	3	1	ISTD BLANK	-	1.0000	003F0301.D		2
4	4	1	QC-1-A	-	1.0000	004F0401.D		4
5	5	1	QC-1-B	-	1.0000	005F0501.D		4
6	6	1	0.08 FN09051304-	-	1.0000	006F0601.D		4
7	7	1	0.08 FN09051304-	-	1.0000	007F0701.D		4
8	8	1	C2017-1972-1-A	-	1.0000	008F0801.D		4
9	9	1	C2017-1972-1-B	-	1.0000	009F0901.D		4
10	10	1	C2017-1973-1-A	-	1.0000	010F1001.D		4
11	11	1	C2017-1973-1-B	-	1.0000	011F1101.D		4
12	12	1	C2017-1989-1-A	-	1.0000	012F1201.D		4
13	13	1	C2017-1989-1-B	-	1.0000	013F1301.D		4
14	14	1	C2017-1994-1-A	-	1.0000	014F1401.D		4
15	15	1	C2017-1994-1-B	-	1.0000	015F1501.D		4
16	16	1	C2017-2005-1-A	-	1.0000	016F1601.D		4
17	17	1	C2017-2005-1-B	-	1.0000	017F1701.D		4
18	18	1	C2017-2028-1-A	-	1.0000	018F1801.D		4
19	19	1	C2017-2028-1-B	-	1.0000	019F1901.D		4
20	20	1	C2017-2047-1-A	-	1.0000	020F2001.D		4
21	21	1	C2017-2047-1-B	-	1.0000	021F2101.D		4
22	22	1	C2017-2057-1-A	-	1.0000	022F2201.D		4
23	23	1	C2017-2057-1-B	-	1.0000	023F2301.D		4
24	24	1	C2017-2072-1-A	-	1.0000	024F2401.D		4
25	25	1	C2017-2072-1-B	-	1.0000	025F2501.D		4
26	26	1	QC-2-A	-	1.0000	026F2601.D		4
27	27	1	QC-2-B	-	1.0000	027F2701.D		4
28	28	1	C2017-2088-1-A	-	1.0000	028F2801.D		4
29	29	1	C2017-2088-1-B	-	1.0000	029F2901.D		4
30	30	1	C2017-2114-1-A	-	1.0000	030F3001.D		4
31	31	1	C2017-2114-1-B	-	1.0000	031F3101.D		4
32	32	1	C2017-2145-1-A	-	1.0000	032F3201.D		4
33	33	1	C2017-2145-1-B	-	1.0000	033F3301.D		4
34	34	1	C2017-2150-1-A	-	1.0000	034F3401.D		4
35	35	1	C2017-2150-1-B	-	1.0000	035F3501.D		4
36	36	1	C2017-2159-1-A	-	1.0000	036F3601.D		4
37	37	1	C2017-2159-1-B	-	1.0000	037F3701.D		6
38	38	1	C2017-2210-1-A	-	1.0000	038F3801.D		4
39	39	1	C2017-2210-1-B	-	1.0000	039F3901.D		4
40	40	1	C2017-2233-1-A	-	1.0000	040F4001.D		4
41	41	1	C2017-2233-1-B	-	1.0000	041F4101.D		4
42	42	1	C2017-2234-1-A	-	1.0000	042F4201.D		4
43	43	1	C2017-2234-1-B	-	1.0000	043F4301.D		4
44	44	1	C2017-2248-1-A	-	1.0000	044F4401.D		4
45	45	1	C2017-2248-1-B	-	1.0000	045F4501.D		4
46	46	1	C2017-2256-1-A	-	1.0000	046F4601.D		4

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Sequence File C:\Chem32\1\TEMP\AESEQ\QS_07.11.2017_03.16.17\11-7-2017.S

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
47	47	1	C2017-2256-1-B	-	1.0000	047F4701.D		4
48	48	1	QC-1-A	-	1.0000	048F4801.D		4
49	49	1	QC-1-B	-	1.0000	049F4901.D		4
50	50	1	ISTD BLANK	-	1.0000	050F5001.D		2
51	51	1	water	-	1.0000	051F5101.D		0

99

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_07.11.2017_01.36.32\11-7-17cal.S
Data directory path: C:\Chem32\1\Data\11-7-17calJJ
Logbook: C:\Chem32\1\Data\11-7-17calJJ\11-7-17cal.LOG
Sequence start: 11/7/2017 1:50:17 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	0.100	-	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	blank	-	1.0000	006F0601.D		2

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Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 600 Liquid Processor/Dilutor Serial Number: ML600HC11379

Volatiles Quality Assurance Controls **Run Date(s): 11/7/2017**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702-0.0858	0.0772 g/100cc
					0.0789 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818-0.2222	0.1930 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	**Sep-20**	**Lot #**	FN06041502		OK
Curve Fit:		**Column 1**	1.00000	**Column2**	1.00000

Ethanol Calibration Reference Material

Calibrator level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
0.050	Jul-19	FN06231406	0.050	0.045 - 0.055	0.0497	0.0491	0.0006	0.0494
0.080							0	#DIV/0!
0.100	Mar-19	FN02021403	0.100	0.090 - 0.110	0.0998	0.0989	0.0009	0.0993
0.200	Apr-21	FN03301601	0.200	0.180 - 0.220	0.2001	0.1993	0.0008	0.1997
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.2999	0.2993	0.0006	0.2996
0.400							0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.4987	0.4999	0.0012	0.4993

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Oct-18	FN09051304	0.08000	0.076 - 0.084	. 0.080 g/100cc

~Any information on this document can be changed for laboratory use, except for the precision and mean determination fomulas.

Calibration Table

General Calibration Setting

Calib. Data Modified : Monday, November 13, 2017 8:18:42 AM
Signals calculated separately : No

Rel. Reference Window : 0.000 %
Abs. Reference Window : 0.100 min
Rel. Non-ref. Window : 0.000 %
Abs. Non-ref. Window : 0.100 min
Uncalibrated Peaks : not reported
Partial Calibration : 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

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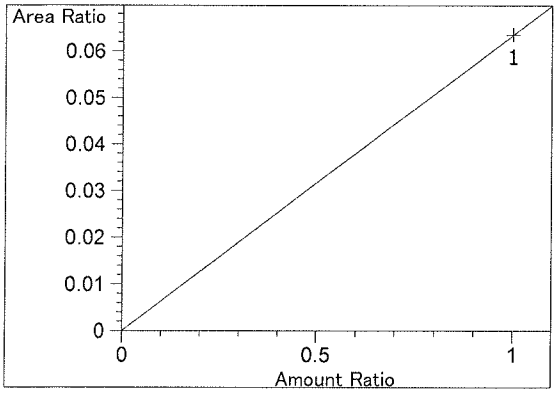
RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.000	2	1	1.00000	5.00000	2.00000e-1	No	No	2	Difluoroethane
2.000	1	1	1.00000	5.00000	2.00000e-1	No	No	1	Difluoroethane
2.494	1	1	1.00000	3.69669	2.70512e-1	No	No	1	Methanol
2.772	1	1	1.00000	3.19311	3.13174e-1	No	No	1	Acetaldehyde
2.797	2	1	1.00000	3.10575	3.21983e-1	No	No	2	Acetaldehyde
3.103	1	1	5.00000e-2	7.59760	6.58102e-3	No	No	1	Ethanol
		2	1.00000e-1	15.33883	6.51940e-3				
		3	2.00000e-1	31.70109	6.30893e-3				
		4	3.00000e-1	47.32889	6.33862e-3				
		5	5.00000e-1	77.49421	6.45209e-3				
3.211	2	1	1.00000	4.26062	2.34707e-1	No	No	2	Methanol
3.715	1	1	1.00000	9.73055	1.02769e-1	No	No	1	Isopropyl alcohol
4.172	2	1	5.00000e-2	7.54834	6.62397e-3	No	No	2	Ethanol
		2	1.00000e-1	15.23785	6.56261e-3				
		3	2.00000e-1	31.53919	6.34132e-3				
		4	3.00000e-1	47.11421	6.36751e-3				
		5	5.00000e-1	77.20998	6.47585e-3				
4.530	1	1	1.00000	6.49940	1.53860e-1	No	No	1	Acetone
4.549	2	1	1.00000	6.89301	1.45075e-1	No	No	2	Acetone
4.870	2	1	1.00000	10.70642	9.34019e-2	No	No	2	Isopropyl alcohol
4.933	1	1	1.00000	79.29967	1.26104e-2	No	Yes	1	n-Propanol
		2	1.00000	79.73640	1.25413e-2				
		3	1.00000	82.23347	1.21605e-2				
		4	1.00000	81.92500	1.22063e-2				
		5	1.00000	80.65654	1.23983e-2				
7.605	2	1	1.00000	78.76789	1.26955e-2	No	Yes	2	n-Propanol
		2	1.00000	78.94529	1.26670e-2				
		3	1.00000	81.03911	1.23397e-2				
		4	1.00000	80.63343	1.24018e-2				
		5	1.00000	79.11721	1.26395e-2				

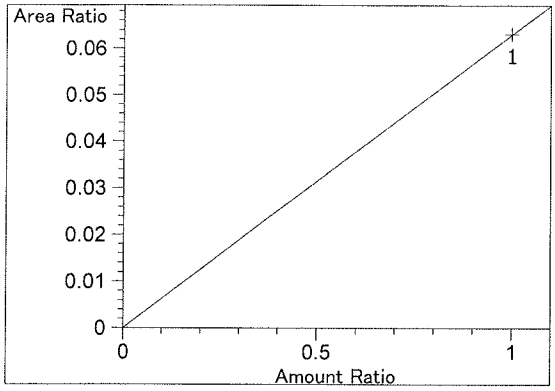
Peak Sum Table

No Entries in table

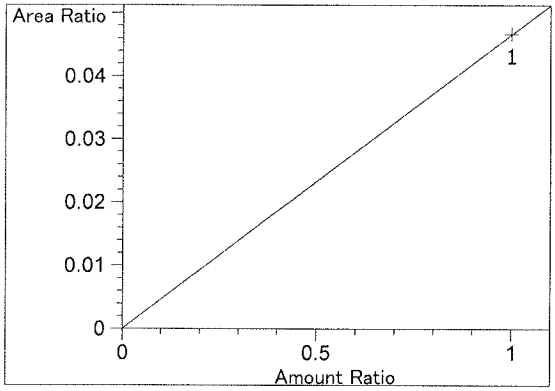
Calibration Curves



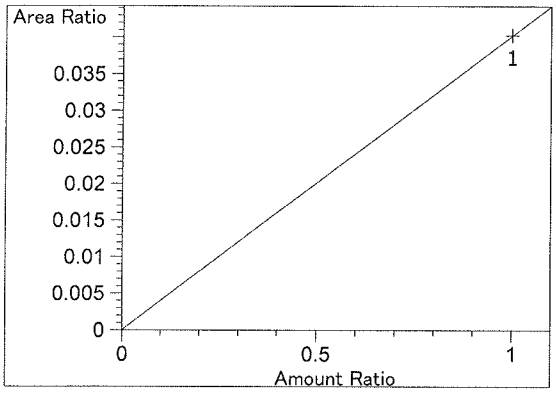
Difluoroethane at exp. RT: 2.000
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 6.34776e-2
x: Amount Ratio
y: Area Ratio



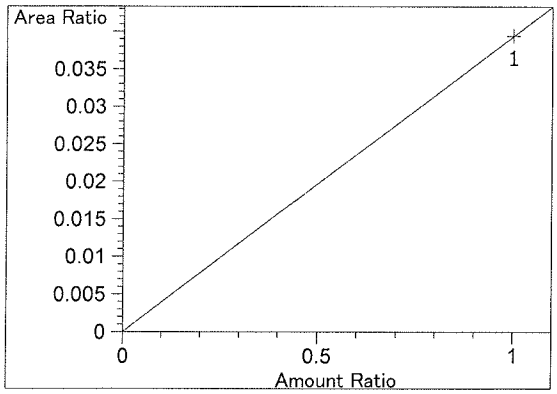
Difluoroethane at exp. RT: 2.000
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 6.30520e-2
x: Amount Ratio
y: Area Ratio



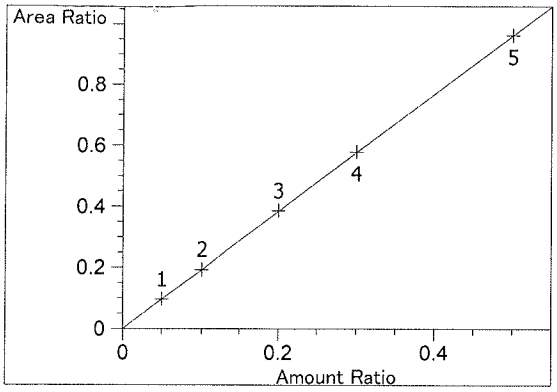
Methanol at exp. RT: 2.494
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.66168e-2
x: Amount Ratio
y: Area Ratio



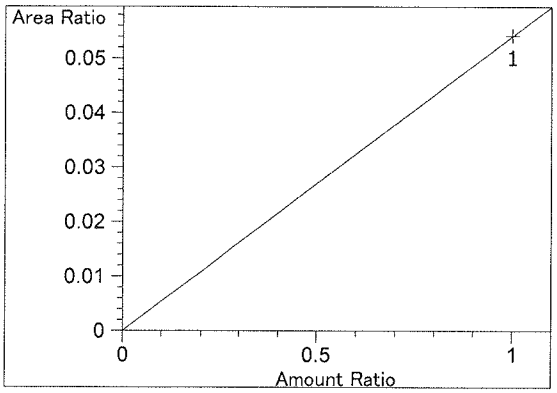
Acetaldehyde at exp. RT: 2.772
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.02664e-2
x: Amount Ratio
y: Area Ratio



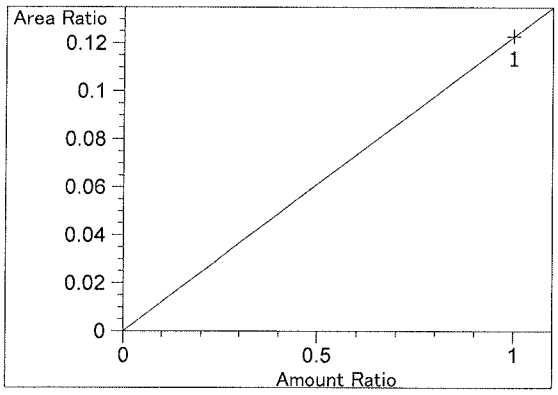
Acetaldehyde at exp. RT: 2.797
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.94291e-2
x: Amount Ratio
y: Area Ratio



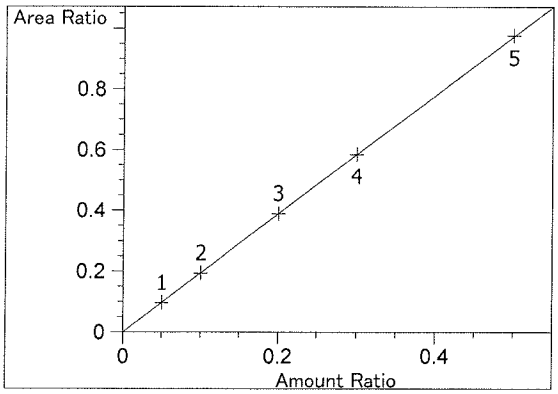
Ethanol at exp. RT: 3.103
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00072
Formula: y = mx
m: 1.92315
x: Amount Ratio
y: Area Ratio



Methanol at exp. RT: 3.211
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.40909e-2
x: Amount Ratio
y: Area Ratio



Isopropyl alcohol at exp. RT: 3.715
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.22706e-1
x: Amount Ratio
y: Area Ratio



Ethanol at exp. RT: 4.172
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00146
Formula: y = mx
m: 1.94947
x: Amount Ratio
y: Area Ratio

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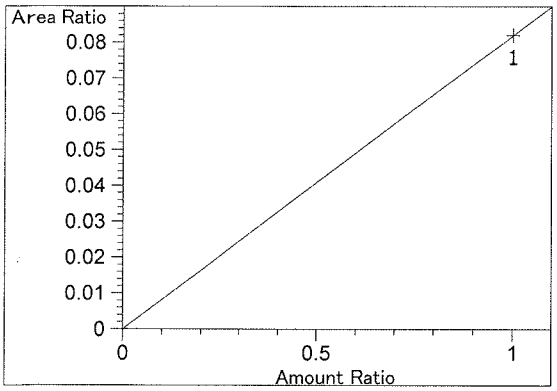
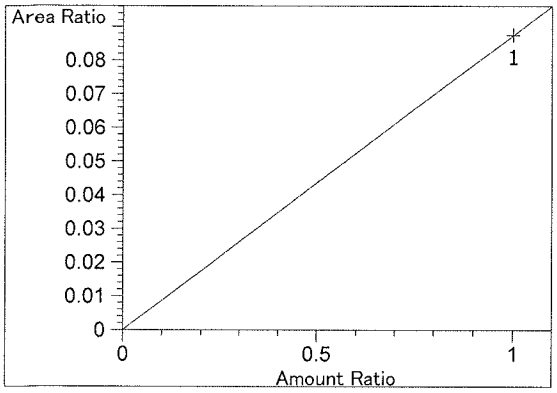
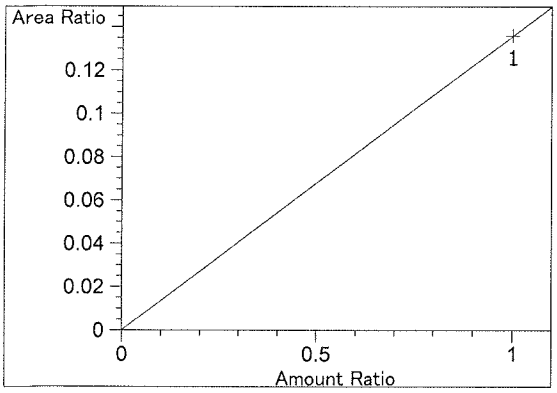


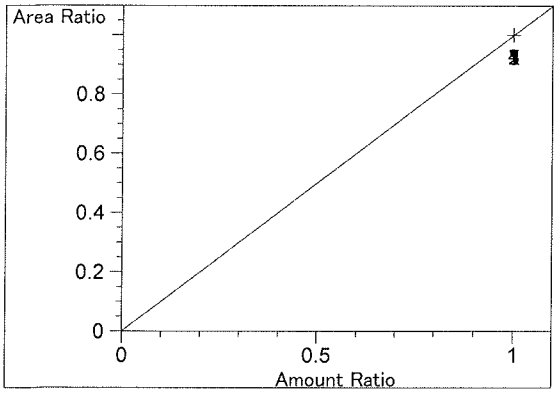
Acetone at exp. RT: 4.530
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 8.19600e-2
x: Amount Ratio
y: Area Ratio



Acetone at exp. RT: 4.549
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 8.75104e-2
x: Amount Ratio
y: Area Ratio

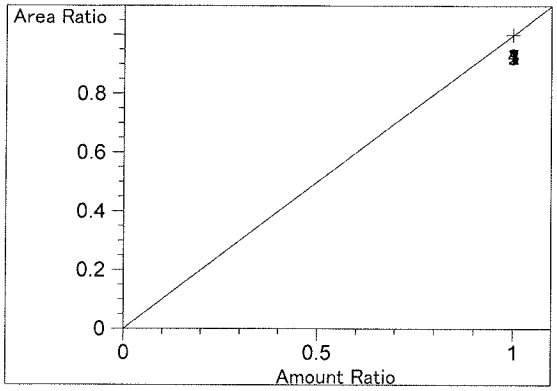


Isopropyl alcohol at exp. RT: 4.870
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.35924e-1
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 4.933
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

99



n-Propanol at exp. RT: 7.605
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

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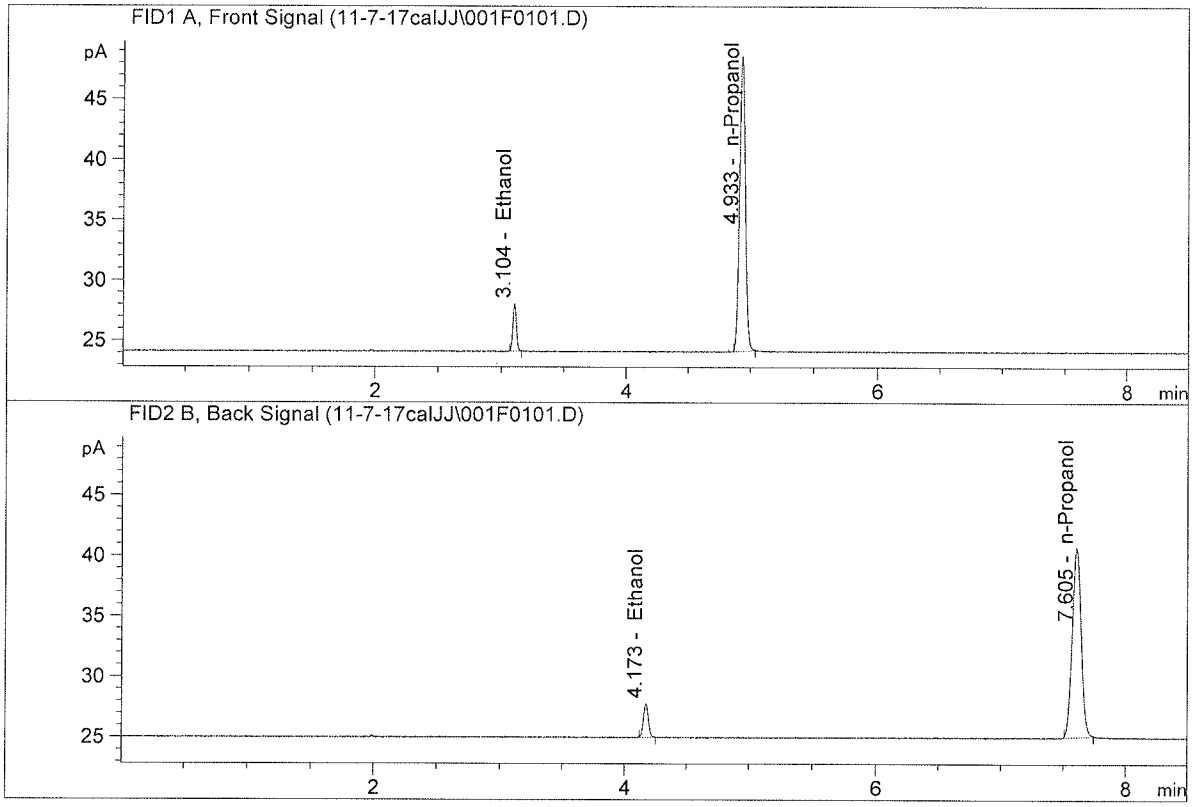
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.05
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

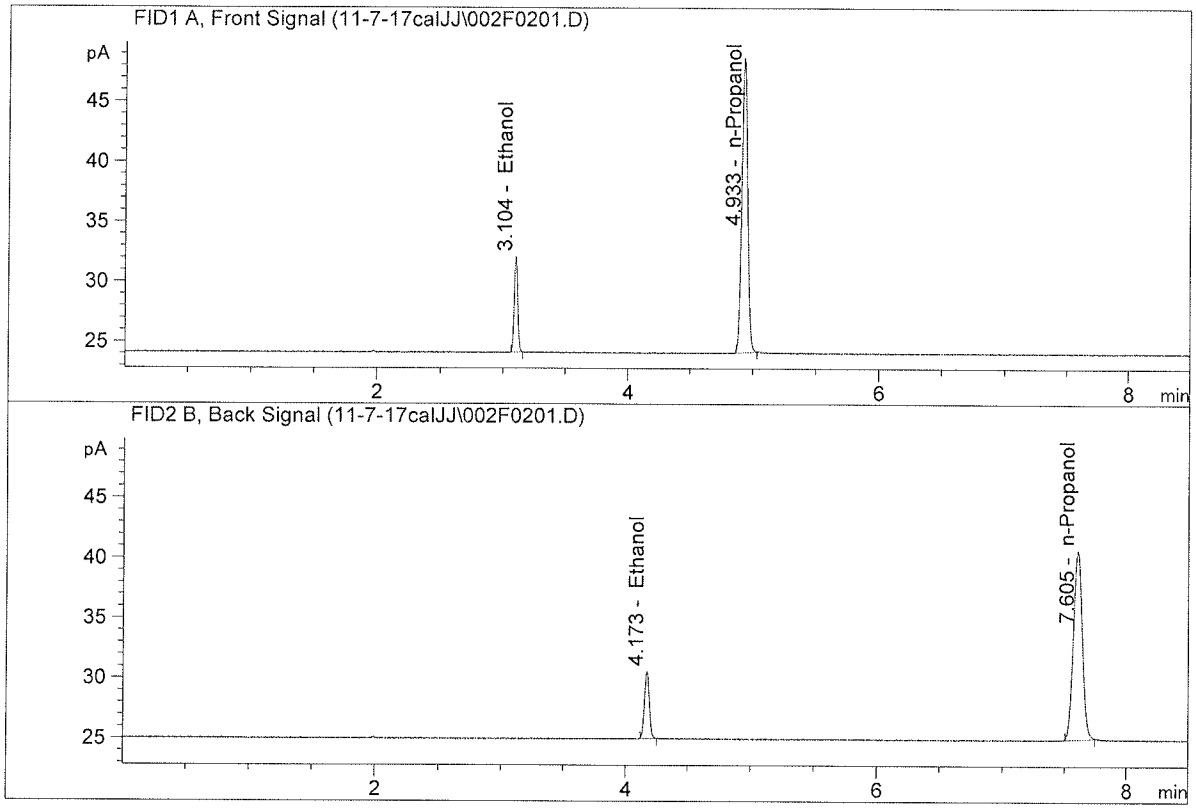


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.59760	0.0497	g/100cc
2.	Ethanol	Column 2:	7.54834	0.0491	g/100cc
3.	n-Propanol	Column 1:	79.29967	1.0000	g/100cc
4.	n-Propanol	Column 2:	78.76789	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

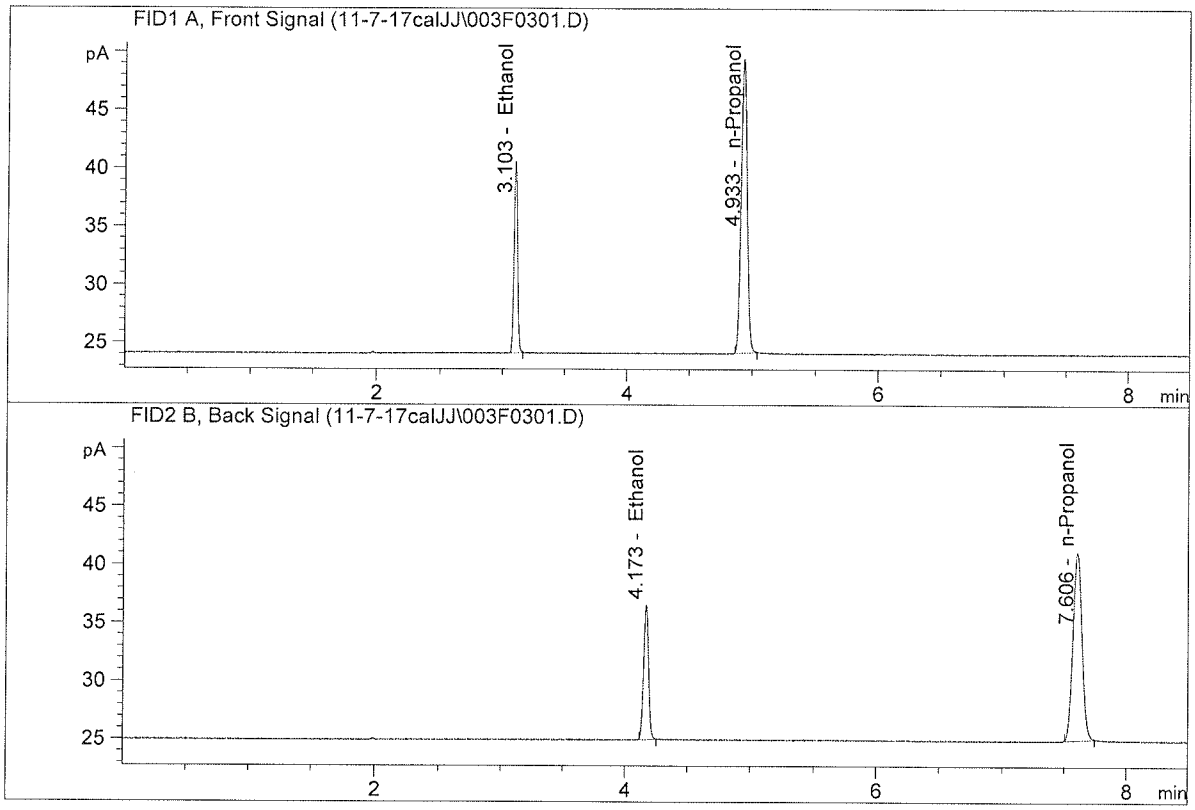
Sample Name : 0.100
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	15.33883	0.0998	g/100cc
2.	Ethanol	Column 2:	15.23785	0.0989	g/100cc
3.	n-Propanol	Column 1:	79.73640	1.0000	g/100cc
4.	n-Propanol	Column 2:	78.94529	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

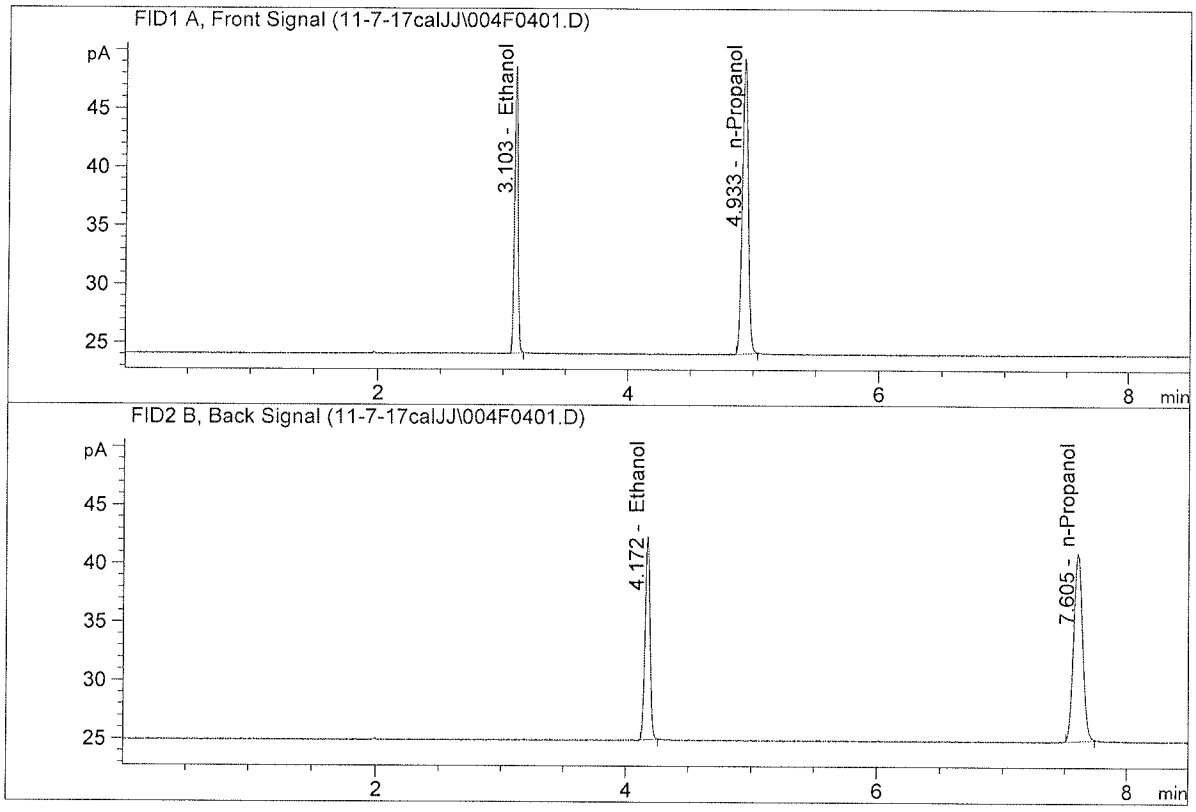
Sample Name : 0.200
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	31.70109	0.2001	g/100cc
2.	Ethanol	Column 2:	31.53919	0.1993	g/100cc
3.	n-Propanol	Column 1:	82.23347	1.0000	g/100cc
4.	n-Propanol	Column 2:	81.03911	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

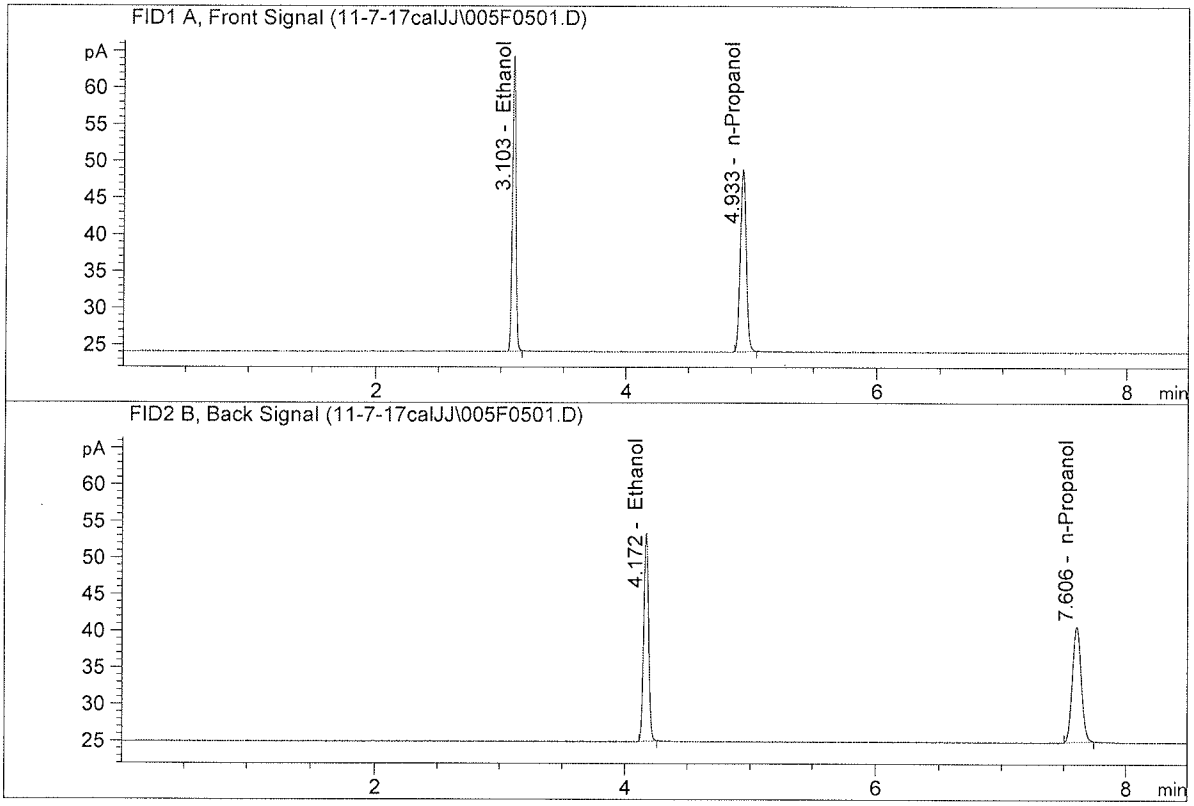
Sample Name : 0.300
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	47.32889	0.2999	g/100cc
2.	Ethanol	Column 2:	47.11421	0.2993	g/100cc
3.	n-Propanol	Column 1:	81.92500	1.0000	g/100cc
4.	n-Propanol	Column 2:	80.63343	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

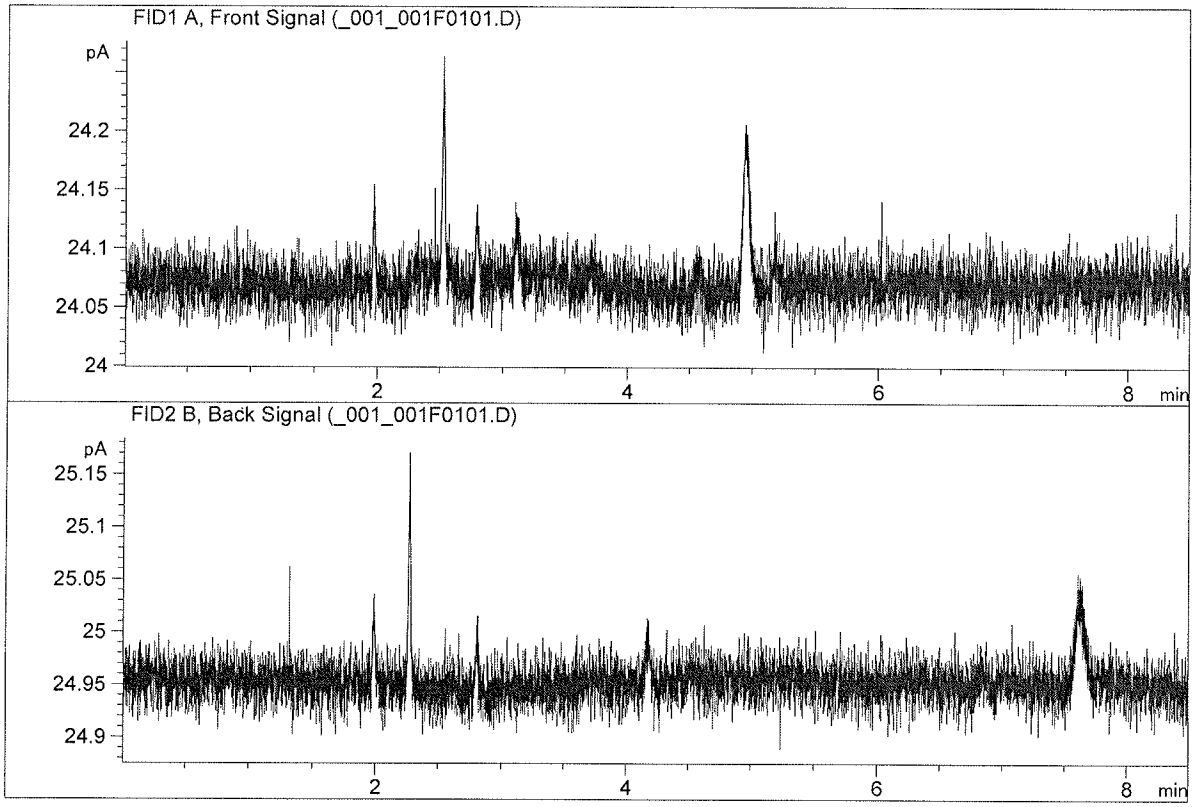
Sample Name : 0.500
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	77.49421	0.4987	g/100cc
2.	Ethanol	Column 2:	77.20998	0.4999	g/100cc
3.	n-Propanol	Column 1:	80.65654	1.0000	g/100cc
4.	n-Propanol	Column 2:	79.11721	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

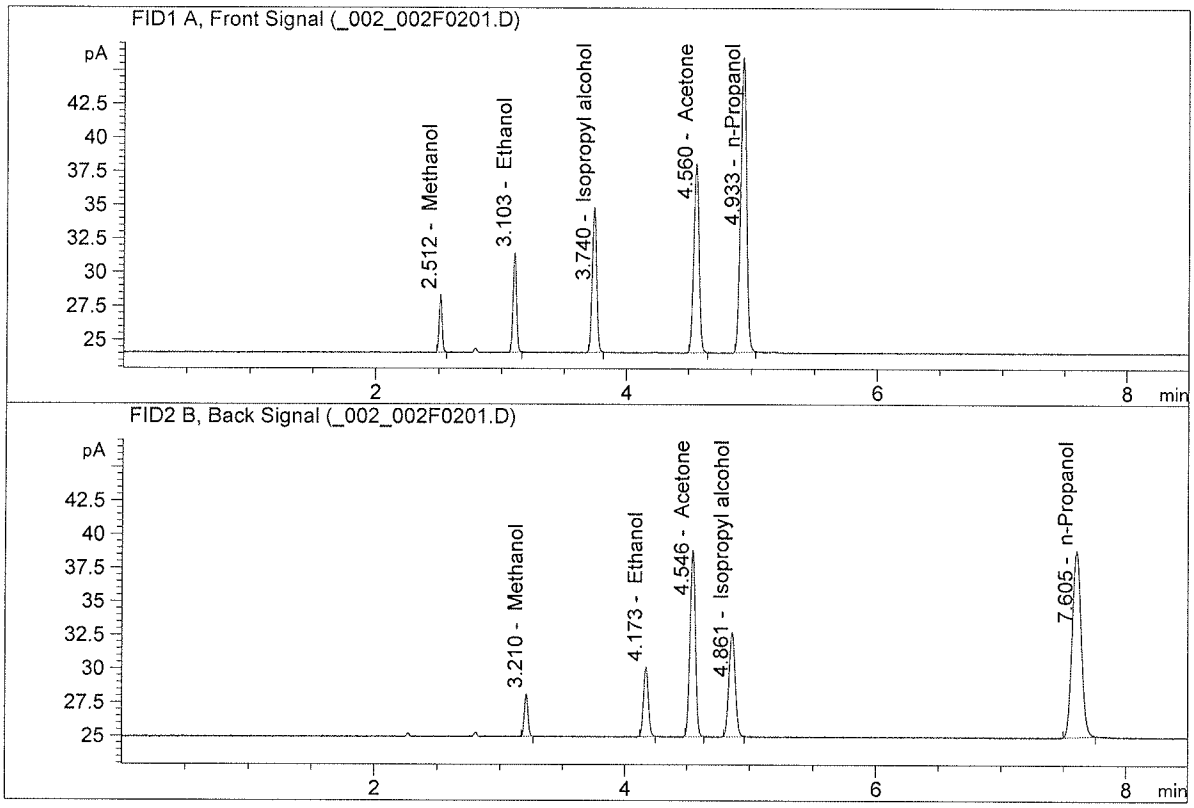
Sample Name	:	water
Laboratory	:	Coeur d' Alene
Injection Date	:	Nov 7, 2017
Method	:	ALCOHOL.M
Acq. Instrument	:	CN10742044-IT00725005



#	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

ISP Forensic Services Blood Alcohol Report

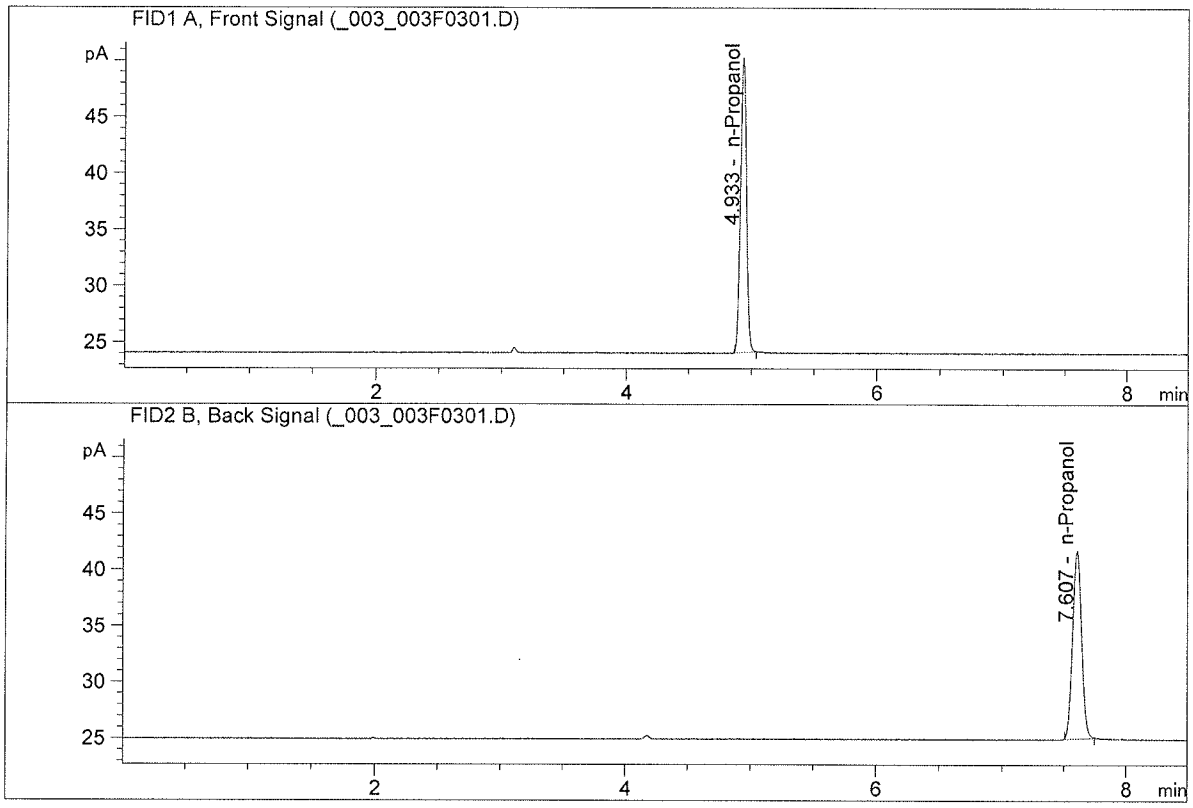
Sample Name : VOL MIX FN-06041502
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.19748	0.1042	g/100cc
2.	Ethanol	Column 2:	14.16350	0.1038	g/100cc
3.	n-Propanol	Column 1:	70.81443	1.0000	g/100cc
4.	n-Propanol	Column 2:	69.99860	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	85.04398	1.0000	g/100cc
4.	n-Propanol	Column 2:	84.09727	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1 **Analysis Date(s): 07 Nov 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0778	0.0770	0.0008	0.0774	0.0772	
(g/100cc)	0.0774	0.0769	0.0005	0.0771		

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%**

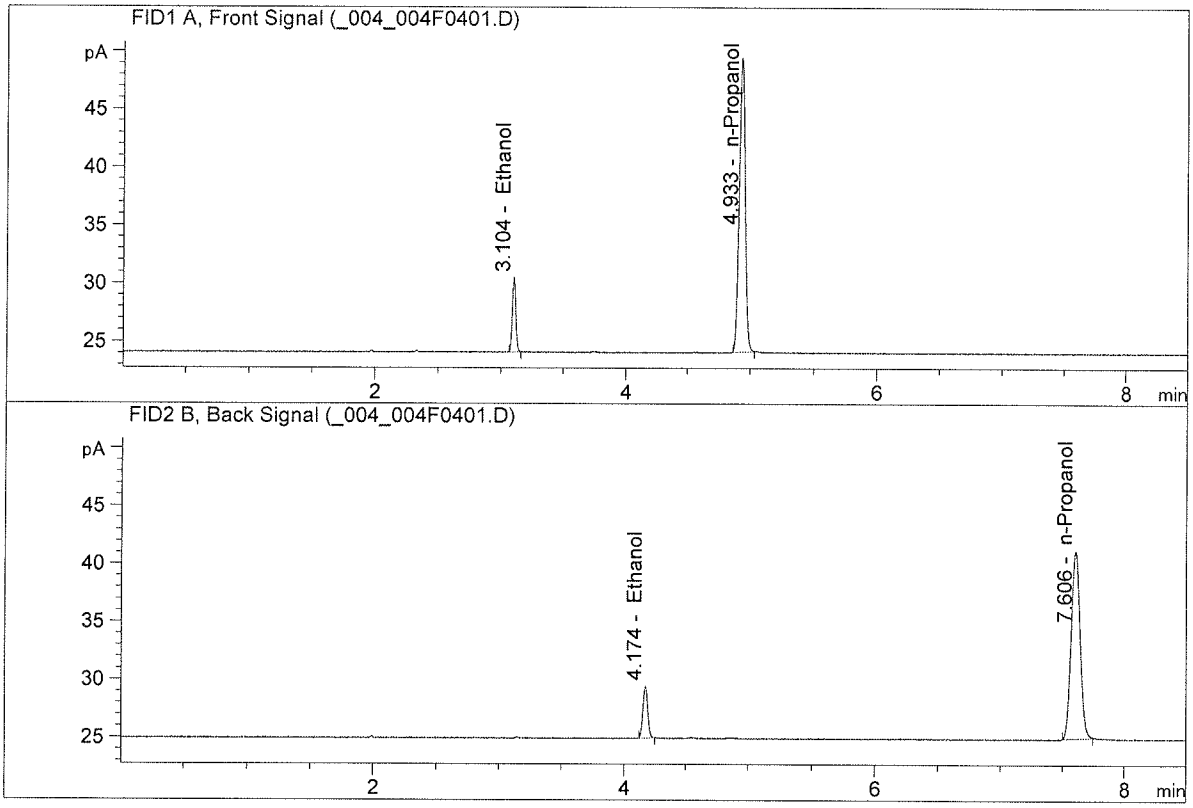
Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	**0.073**	**0.081**	**0.004**

	Reported Result	
	0.077	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

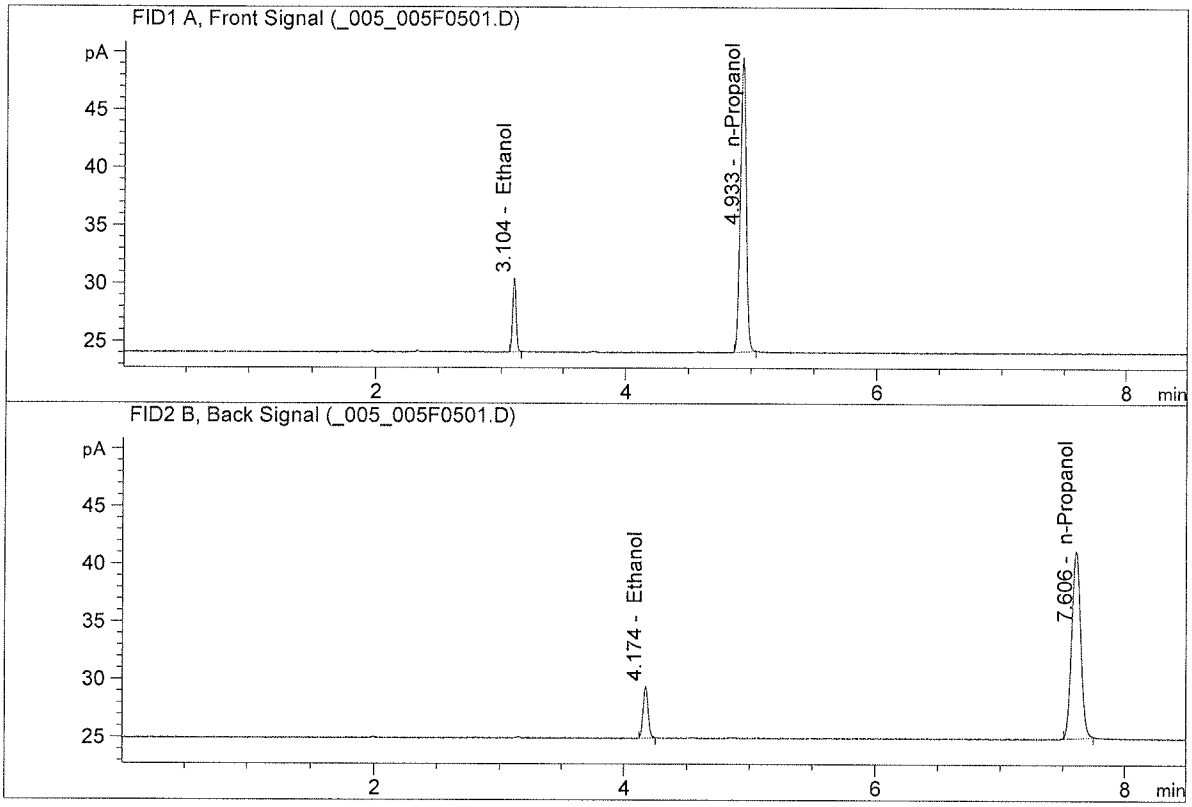
Sample Name : QC-1-A
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.36208	0.0778	g/100cc
2.	Ethanol	Column 2:	12.22289	0.0770	g/100cc
3.	n-Propanol	Column 1:	82.59050	1.0000	g/100cc
4.	n-Propanol	Column 2:	81.46954	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1-B
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.30034	0.0774	g/100cc
2.	Ethanol	Column 2:	12.20655	0.0769	g/100cc
3.	n-Propanol	Column 1:	82.67413	1.0000	g/100cc
4.	n-Propanol	Column 2:	81.46355	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN09051304 **Analysis Date(s): 07 Nov 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0800	0.0793	0.0007	0.0796	0.0800	
(g/100cc)	0.0806	0.0803	0.0003	0.0804		

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
0.080	**0.076**	**0.084**	**0.004**

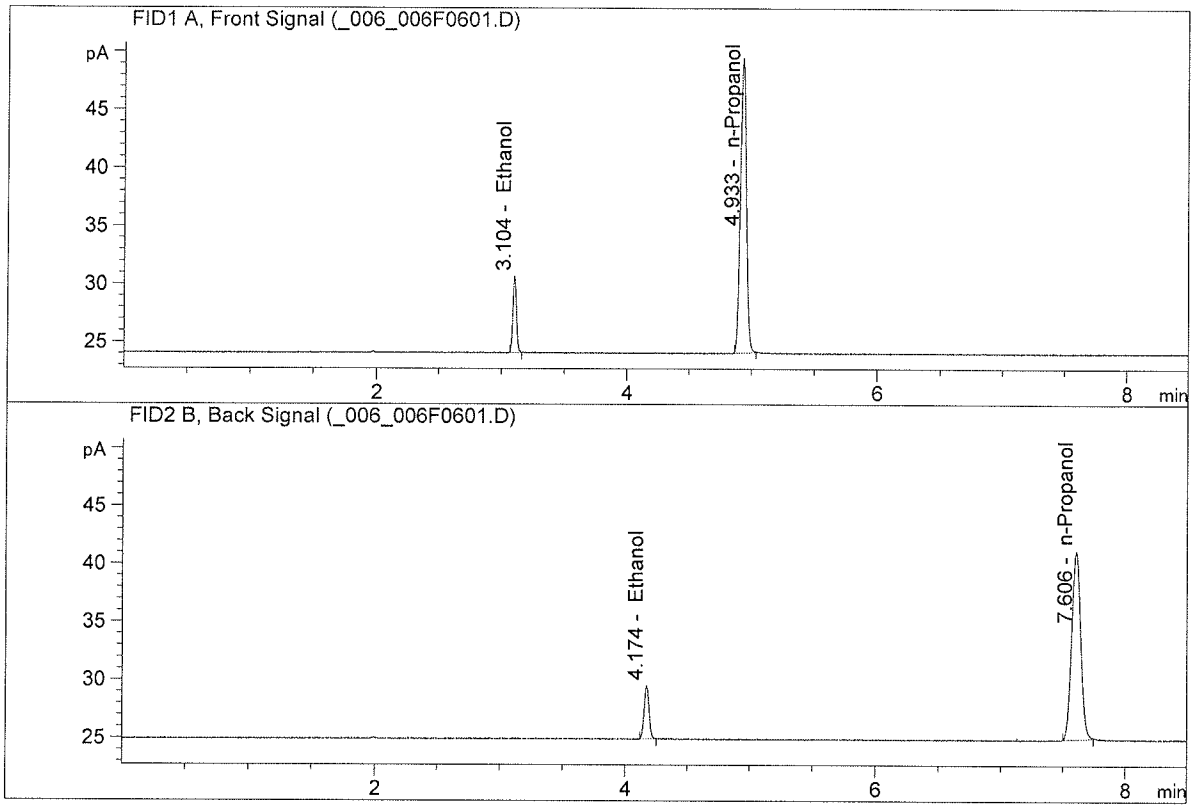
Reported Result

0.080

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN09051304-A
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.70141	0.0800	g/100cc
2.	Ethanol	Column 2:	12.56948	0.0793	g/100cc
3.	n-Propanol	Column 1:	82.56870	1.0000	g/100cc
4.	n-Propanol	Column 2:	81.31001	1.0000	g/100cc

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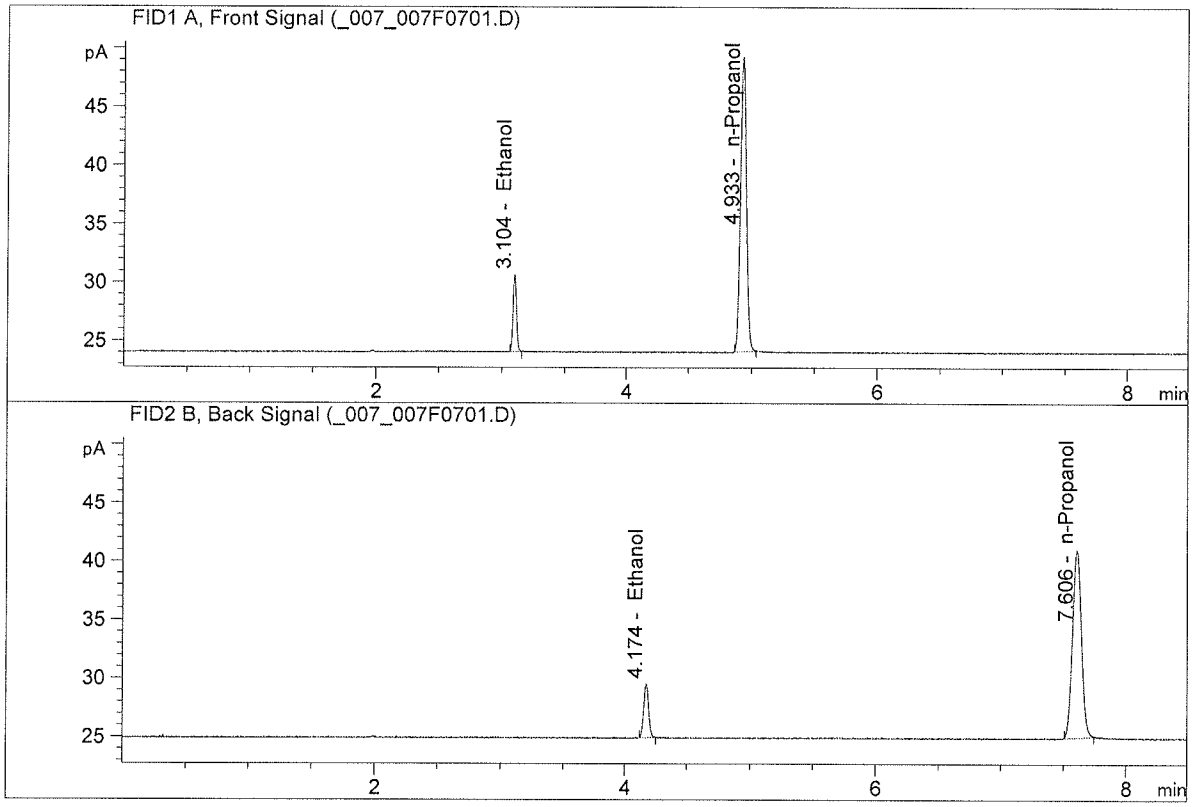
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN09051304-B
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.70507	0.0806	g/100cc
2.	Ethanol	Column 2:	12.61390	0.0803	g/100cc
3.	n-Propanol	Column 1:	81.92311	1.0000	g/100cc
4.	n-Propanol	Column 2:	80.54126	1.0000	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2 **Analysis Date(s): 07 Nov 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1935	0.1931	0.0004	0.1933	0.1930	
(g/100cc)	0.1930	0.1925	0.0005	0.1927		

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
0.193	**0.183**	**0.203**	**0.010**

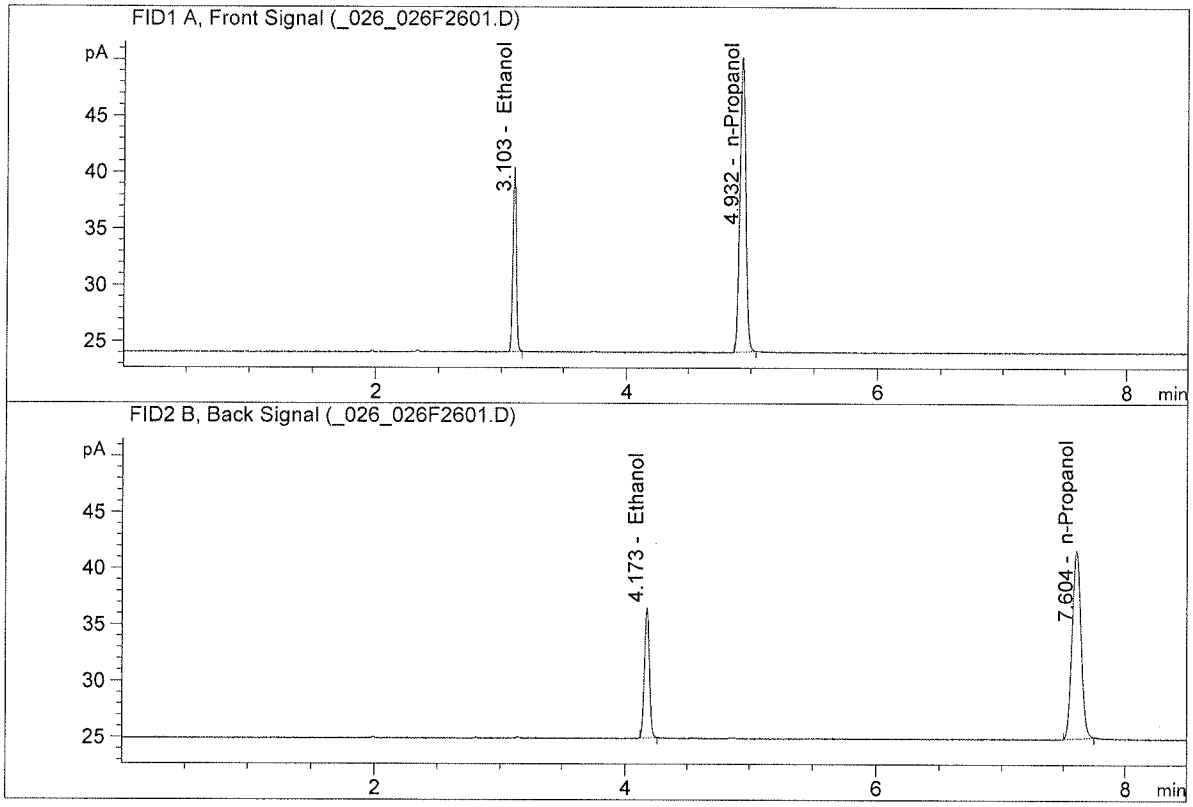
Reported Result

0.193

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2-A
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005

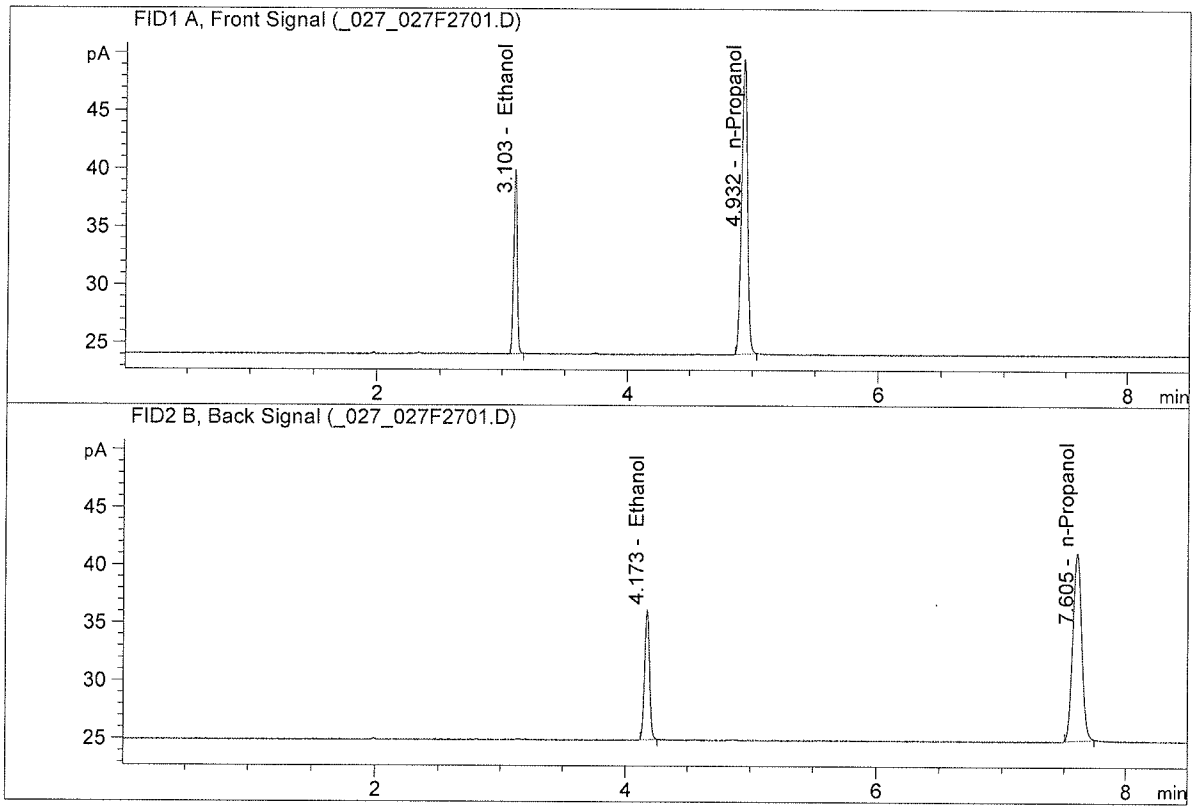


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	31.68339	0.1935	g/100cc
2.	Ethanol	Column 2:	31.48586	0.1931	g/100cc
3.	n-Propanol	Column 1:	85.13911	1.0000	g/100cc
4.	n-Propanol	Column 2:	83.63129	1.0000	g/100cc

99

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2-B
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	30.76883	0.1930	g/100cc
2.	Ethanol	Column 2:	30.55926	0.1925	g/100cc
3.	n-Propanol	Column 1:	82.88329	1.0000	g/100cc
4.	n-Propanol	Column 2:	81.43250	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1 **Analysis Date(s): 07 Nov 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0791	0.0788	0.0003	0.0789	0.0789	
(g/100cc)	0.0792	0.0786	0.0006	0.0789		

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%**

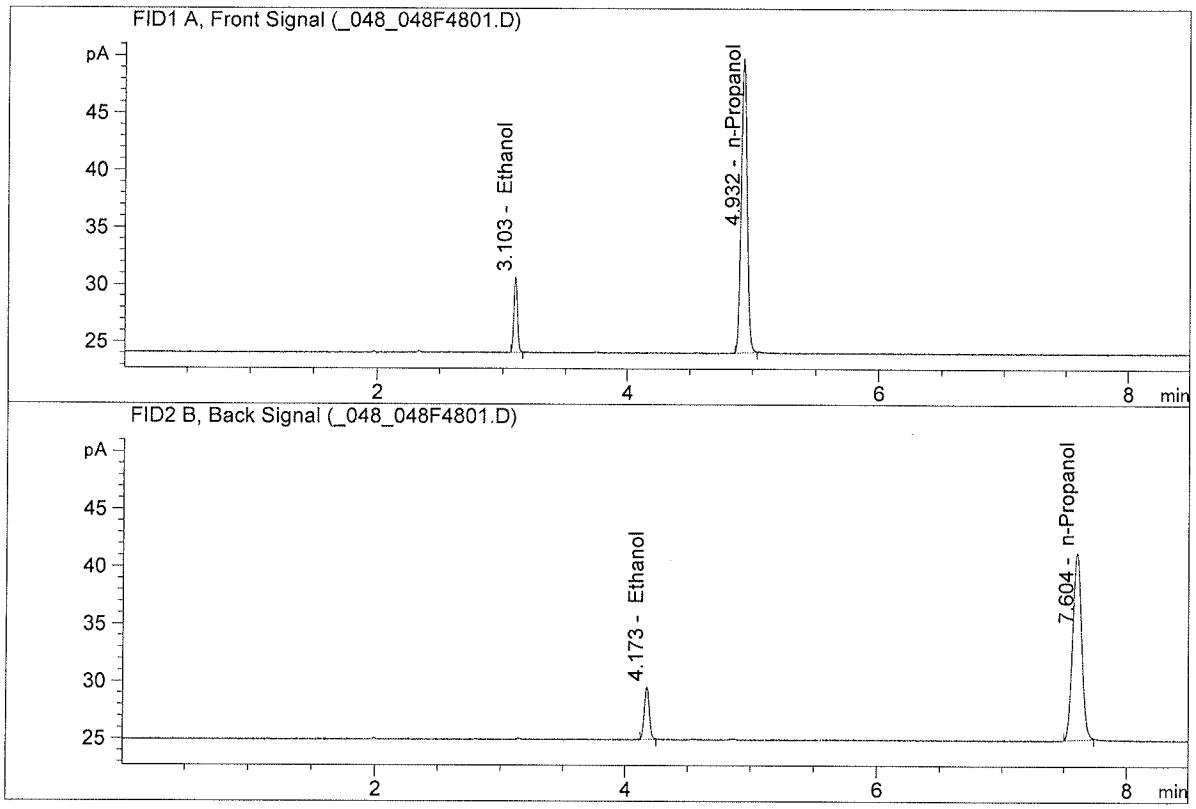
Overall Mean (g/100cc)	Low	High	5% of Mean
0.078	**0.074**	**0.082**	**0.004**

	Reported Result	
	0.078	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

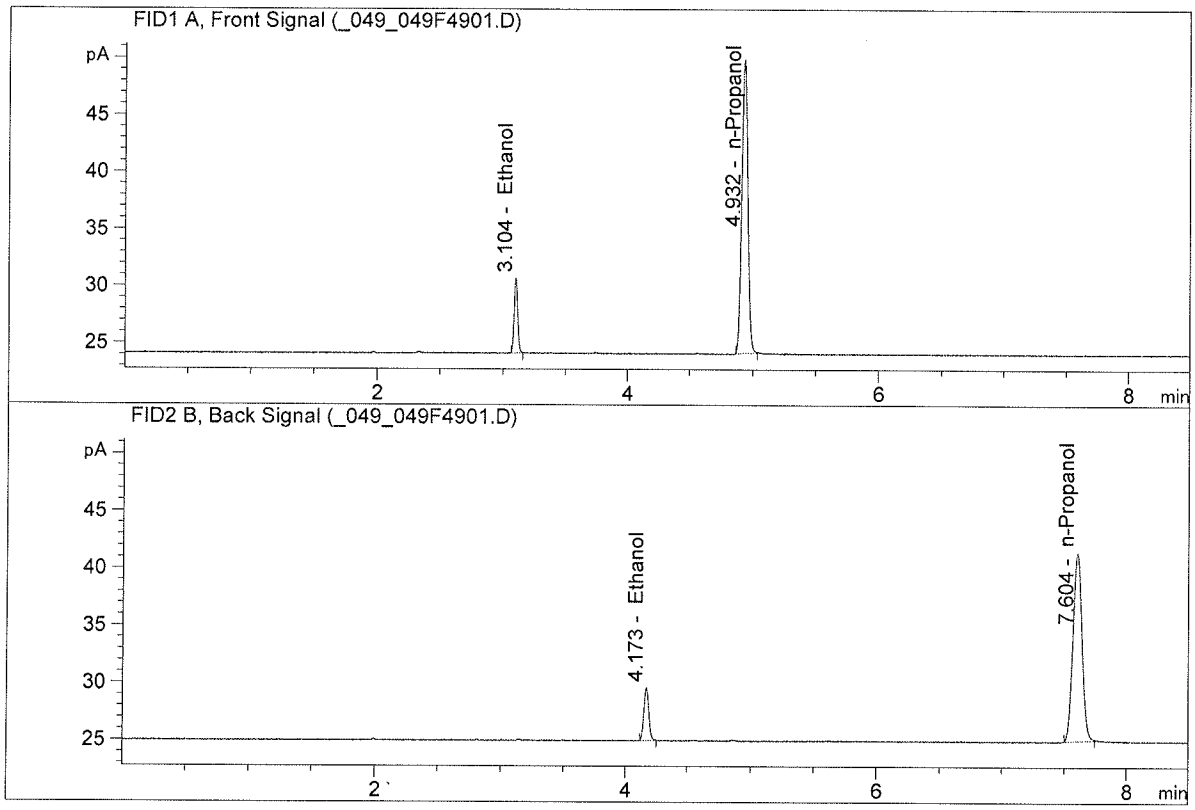
Sample Name : QC-1-A
Laboratory : Coeur d' Alene
Injection Date : Nov 7, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.70187	0.0791	g/100cc
2.	Ethanol	Column 2:	12.61666	0.0788	g/100cc
3.	n-Propanol	Column 1:	83.48472	1.0000	g/100cc
4.	n-Propanol	Column 2:	82.10146	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

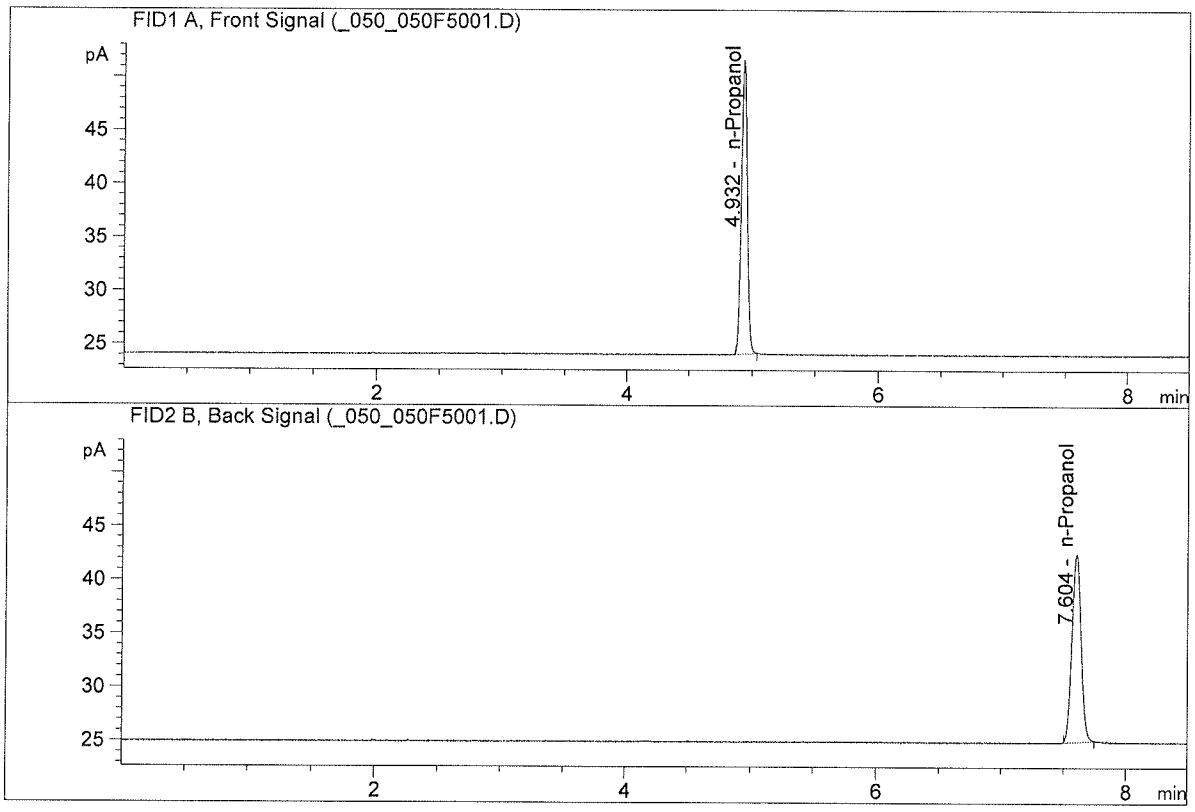
Sample Name : QC-1-B
Laboratory : Coeur d' Alene
Injection Date : Nov 8, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	12.75382	0.0792	g/100cc
2.	Ethanol	Column 2:	12.65040	0.0786	g/100cc
3.	n-Propanol	Column 1:	83.77744	1.0000	g/100cc
4.	n-Propanol	Column 2:	82.59748	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

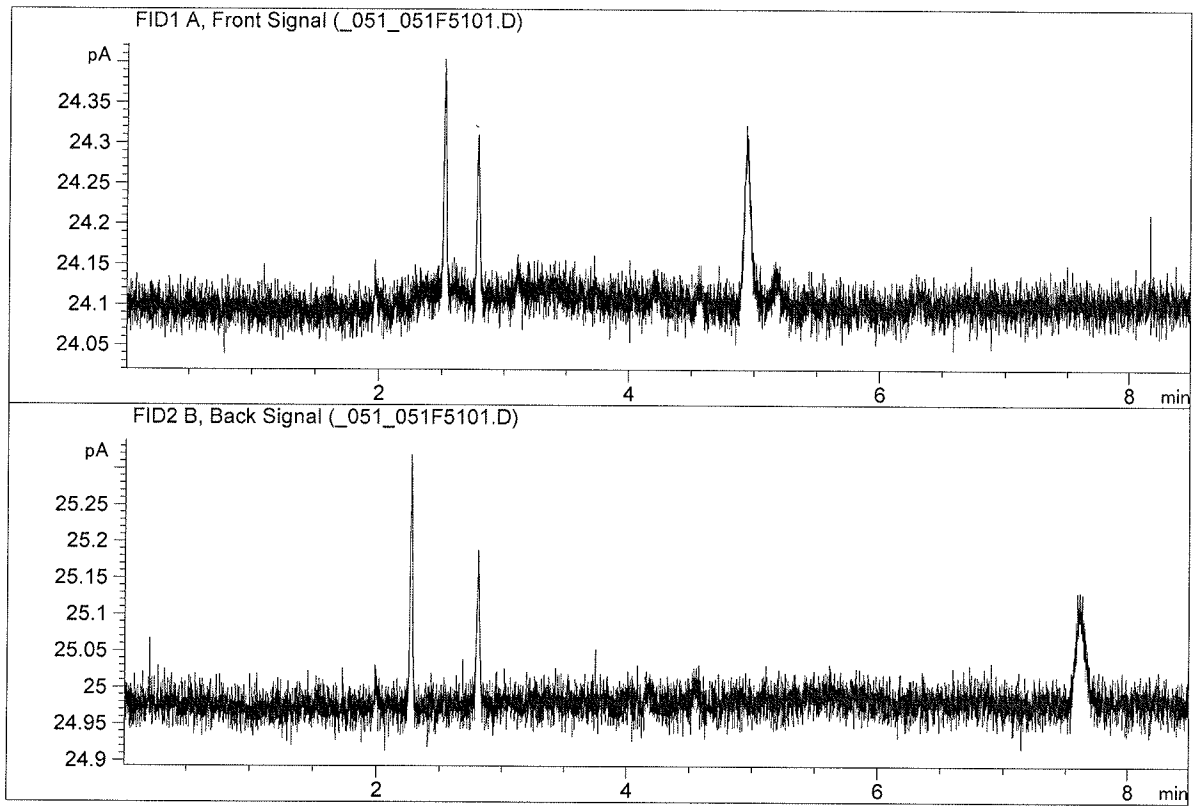
Sample Name : ISTD BLANK
Laboratory : Coeur d' Alene
Injection Date : Nov 8, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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:	89.43575	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.25445	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : water
Laboratory : Coeur d' Alene
Injection Date : Nov 8, 2017
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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