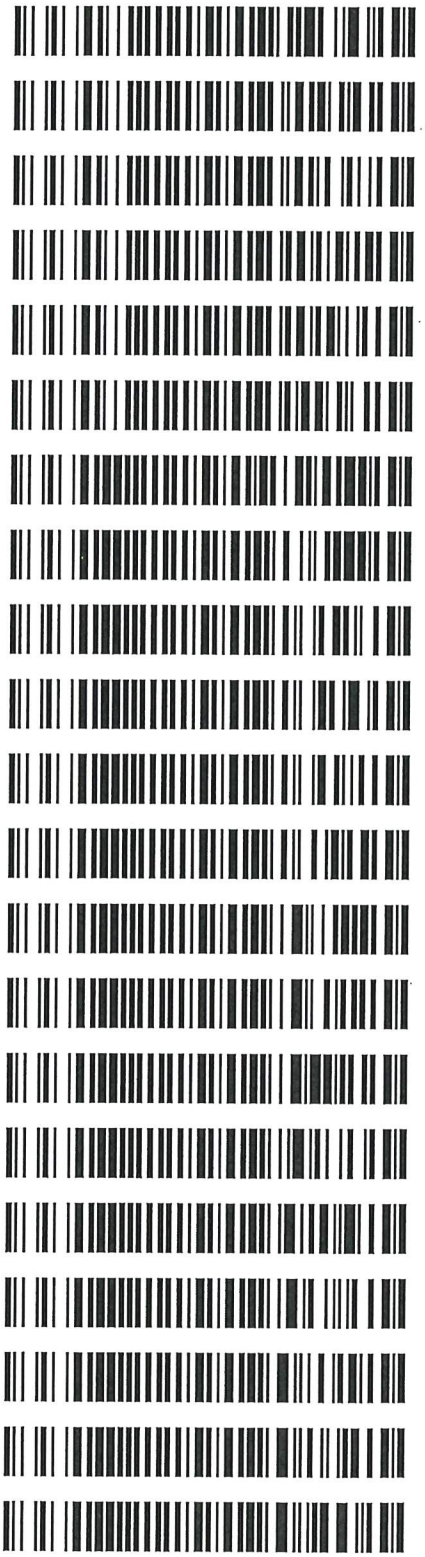
11/17/2020

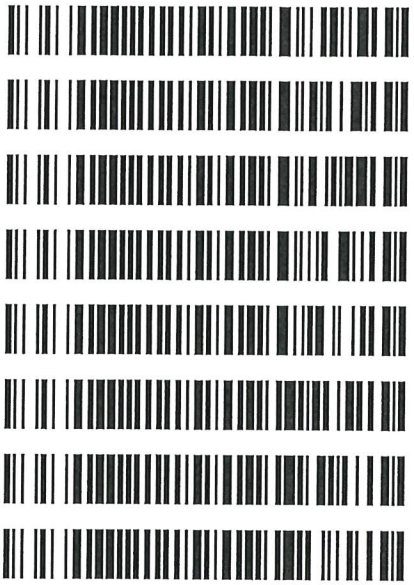
Worklist: 4612

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2020-2230	1	BCK	Alcohol Analysis
C2020-2243	1	BCK	Alcohol Analysis
C2020-2249	1	BCK	Alcohol Analysis
C2020-2255	1	BCK	Alcohol Analysis
C2020-2256	1	AVK	Alcohol Analysis
C2020-2266	1	BCK	Alcohol Analysis
P2019-0400	1	BCK	Alcohol Analysis
P2020-3214	1	BCK	Alcohol Analysis
P2020-3226	1	BCK	Alcohol Analysis
P2020-3227	1	BCK	Alcohol Analysis
P2020-3227	2	BCK	Alcohol Analysis
P2020-3228	1	BCK	Alcohol Analysis
P2020-3261	1	BCK	Alcohol Analysis
P2020-3271	1	BCK	Alcohol Analysis
P2020-3272	1	BCK	Alcohol Analysis
P2020-3286	1	BCK	Alcohol Analysis
P2020-3295	1	BCK	Alcohol Analysis
P2020-3299	1	BCK	Alcohol Analysis
P2020-3308	1	BCK	Alcohol Analysis
P2020-3309	1	BCK	Alcohol Analysis
P2020-3310	1	BCK	Alcohol Analysis



Worklist: 4612

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2020-3311	1	BCK	Alcohol Analysis
P2020-3313	2	BCK	Alcohol Analysis
P2020-3314	1	BCK	Alcohol Analysis
P2020-3316	1	BCK	Alcohol Analysis
P2020-3337	1	BCK	Alcohol Analysis
P2020-3347	1	BCK	Alcohol Analysis
P2020-3348	1	BCK	Alcohol Analysis
P2020-3350	1	BCK	Alcohol Analysis



Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

Volatiles Quality Assurance Controls **Run Date(s): 11-18-20**

worklist #4612

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0739 g/100cc
					0.0747 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1992 g/100cc
					0.2016 g/100cc
					g/100cc

Multi-Component mixture:	**Jul-22**		**Lot #**	FN07101701	OK
Curve Fit:		**Column 1**	1.00000	**Column2**	0.99995

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0503	0.0487	0.0016	0.0495
100	0.100	0.090 - 0.110	0.1023	0.0989	0.0034	0.1006
200	0.200	0.180 - 0.220	0.2033	0.1987	0.0046	0.201
300	0.300	0.270 - 0.330	0.3038	0.2991	0.0047	0.3014
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5099	0.5075	0.0024	0.5087

Aqueous Controls

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

REVIEWED
By Rachel Cutler at 1:38 pm, Nov 23, 2020

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Sequence File C:\Chem32\1\TEMP\AESEQ\QS_18.11.2020_09.52.23\11-18-2020.S

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_18.11.2020_09.52.23\11-18-2020.S
Data directory path: C:\Chem32\1\Data\11-18-20JJ
Logbook: C:\Chem32\1\Data\11-18-20JJ\11-18-2020.LOG
Sequence start: 11/18/2020 10:07:17 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

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

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	water-1	-	1.0000	001F0101.D		0
2	2	1	VOL MIX	-	1.0000	002F0201.D		10
3	3	1	ISTD BLANK-1	-	1.0000	003F0301.D		2
4	4	1	QC-1(1)-A	-	1.0000	004F0401.D		4
5	5	1	QC-1(1)-B	-	1.0000	005F0501.D		4
6	6	1	0.08 FN09181807-	-	1.0000	006F0601.D		4
7	7	1	0.08 FN09181807-	-	1.0000	007F0701.D		4
8	8	1	C2020-2230-1-A	-	1.0000	008F0801.D		6
9	9	1	C2020-2230-1-B	-	1.0000	009F0901.D		6
10	10	1	C2020-2243-1-A	-	1.0000	010F1001.D		2
11	11	1	C2020-2243-1-B	-	1.0000	011F1101.D		2
12	12	1	C2020-2249-1-A	-	1.0000	012F1201.D		2
13	13	1	C2020-2249-1-B	-	1.0000	013F1301.D		2
14	14	1	C2020-2255-1-A	-	1.0000	014F1401.D		4
15	15	1	C2020-2255-1-B	-	1.0000	015F1501.D		4
16	16	1	C2020-2256-1-A	-	1.0000	016F1601.D		2
17	17	1	C2020-2256-1-B	-	1.0000	017F1701.D		2
18	18	1	C2020-2266-1-A	-	1.0000	018F1801.D		2
19	19	1	C2020-2266-1-B	-	1.0000	019F1901.D		2
20	20	1	P2019-0400-1-A	-	1.0000	020F2001.D		4
21	21	1	P2019-0400-1-B	-	1.0000	021F2101.D		4
22	22	1	P2020-3214-1-A	-	1.0000	022F2201.D		4
23	23	1	P2020-3214-1-B	-	1.0000	023F2301.D		6
24	24	1	P2020-3226-1-A	-	1.0000	024F2401.D		6
25	25	1	P2020-3226-1-B	-	1.0000	025F2501.D		6
26	26	1	QC-2(1)-A	-	1.0000	026F2601.D		4
27	27	1	QC-2(1)-B	-	1.0000	027F2701.D		4
28	28	1	P2020-3227-1-A	-	1.0000	028F2801.D		4
29	29	1	P2020-3227-1-B	-	1.0000	029F2901.D		4
30	30	1	P2020-3227-2-A	-	1.0000	030F3001.D		6
31	31	1	P2020-3227-2-B	-	1.0000	031F3101.D		6
32	32	1	P2020-3228-1-A	-	1.0000	032F3201.D		5
33	33	1	P2020-3228-1-B	-	1.0000	033F3301.D		4
34	34	1	P2020-3261-1-A	-	1.0000	034F3401.D		4
35	35	1	P2020-3261-1-B	-	1.0000	035F3501.D		4
36	36	1	P2020-3271-1-A	-	1.0000	036F3601.D		4
37	37	1	P2020-3271-1-B	-	1.0000	037F3701.D		4
38	38	1	P2020-3272-1-A	-	1.0000	038F3801.D		4
39	39	1	P2020-3272-1-B	-	1.0000	039F3901.D		5
40	40	1	P2020-3286-1-A	-	1.0000	040F4001.D		5
41	41	1	P2020-3286-1-B	-	1.0000	041F4101.D		4
42	42	1	P2020-3295-1-A	-	1.0000	042F4201.D		4
43	43	1	P2020-3595-1-B	-	1.0000	043F4301.D		6
44	44	1	P2020-3299-1-A	-	1.0000	044F4401.D		5
45	45	1	P2020-3299-1-B	-	1.0000	045F4501.D		4
46	46	1	P2020-3308-1-A	-	1.0000	046F4601.D		4

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Sequence File C:\Chem32\1\TEMP\AESEQ\QS_18.11.2020_09.52.23\11-18-2020.S

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
47	47	1	P2020-3308-1-B	-	1.0000	047F4701.D	5
48	48	1	QC-1(2)-A	-	1.0000	048F4801.D	4
49	49	1	QC-1(2)-B	-	1.0000	049F4901.D	4
50	50	1	P2020-3309-1-A	-	1.0000	050F5001.D	4
51	51	1	P2020-3309-1-B	-	1.0000	051F5101.D	4
52	52	1	P2020-3310-1-A	-	1.0000	052F5201.D	4
53	53	1	P2020-3310-1-B	-	1.0000	053F5301.D	3
54	54	1	P2020-3311-1-A	-	1.0000	054F5401.D	2
55	55	1	P2020-3311-1-B	-	1.0000	055F5501.D	2
56	56	1	P2020-3313-2-A	-	1.0000	056F5601.D	2
57	57	1	P2020-3313-2-B	-	1.0000	057F5701.D	2
58	58	1	P2020-3314-1-A	-	1.0000	058F5801.D	4
59	59	1	P2020-3314-1-B	-	1.0000	059F5901.D	4
60	60	1	P2020-3316-1-A	-	1.0000	060F6001.D	4
61	61	1	P2020-3316-1-B	-	1.0000	061F6101.D	4
62	62	1	P2020-3337-1-A	-	1.0000	062F6201.D	2
63	63	1	P2020-3337-1-B	-	1.0000	063F6301.D	2
64	64	1	P2020-3347-1-A	-	1.0000	064F6401.D	6
65	65	1	P2020-3347-1-B	-	1.0000	065F6501.D	6
66	66	1	P2020-3348-1-A	-	1.0000	066F6601.D	6
67	67	1	P2020-3348-1-B	-	1.0000	067F6701.D	6
68	68	1	P2020-3350-1-A	-	1.0000	068F6801.D	2
69	69	1	P2020-3350-1-B	-	1.0000	069F6901.D	2
70	70	1	QC-2(2)-A	-	1.0000	070F7001.D	4
71	1	1	QC-2(2)-B	-	1.0000	001F7101.D	4
72	2	1	water-2	-	1.0000	002F7201.D	0

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Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, November 18, 2020 9:29:26 AM
Signals calculated separately : No

Calibrators were run on 11/17/20 but data analysis and cal. table was updated on the morning of 11/18/20 as reflected above.

JJ 11/23/20

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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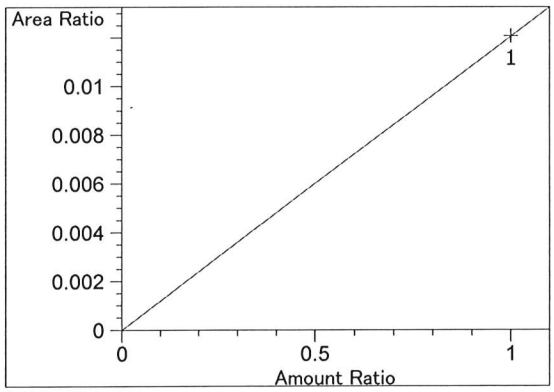
RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.165	2	1	1.00000	1.06794	9.36380e-1	No	No	2	Difluoroethane
2.213	1	1	1.00000	5.00000	2.00000e-1	No	No	1	Difluoroethane
2.494	1	1	1.00000	3.69669	2.70512e-1	No	No	1	Methanol
2.772	1	1	1.00000	3.19311	3.13174e-1	No	No	1	Acetaldehyde
2.797	2	1	1.00000	3.10575	3.21983e-1	No	No	2	Acetaldehyde
3.111	1	1	5.00000e-2	8.84998	5.64973e-3	No	No	1	Ethanol
		2	1.00000e-1	17.86226	5.59839e-3				
		3	2.00000e-1	36.00001	5.55555e-3				
		4	3.00000e-1	54.50126	5.50446e-3				
		5	5.00000e-1	91.26917	5.47830e-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
4.184	2	1	5.00000e-2	8.59964	5.81420e-3	No	No	2	Ethanol
		2	1.00000e-1	17.22715	5.80479e-3				
		3	2.00000e-1	34.96655	5.71975e-3				
		4	3.00000e-1	53.09553	5.65019e-3				
		5	5.00000e-1	89.49091	5.58716e-3				
4.567	2	1	1.00000	6.89301	1.45075e-1	No	No	2	Acetone
4.581	1	1	1.00000	6.49940	1.53860e-1	No	No	1	Acetone
4.870	2	1	1.00000	10.70642	9.34019e-2	No	No	2	Isopropyl alcohol
4.946	1	1	1.00000	92.25050	1.08401e-2	No	Yes	1	n-Propanol
		2	1.00000	91.60596	1.09163e-2				
		3	1.00000	92.95907	1.07574e-2				
		4	1.00000	94.15218	1.06211e-2				
		5	1.00000	93.94638	1.06444e-2				
7.627	2	1	1.00000	88.55960	1.12918e-2	No	Yes	2	n-Propanol
		2	1.00000	87.30991	1.14535e-2				
		3	1.00000	88.18956	1.13392e-2				
		4	1.00000	88.94241	1.12432e-2				
		5	1.00000	88.35912	1.13175e-2				

Peak Sum Table

No Entries in table

Calibration Curves



Difluoroethane at exp. RT: 2.165
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.20590e-2
x: Amount Ratio
y: Area Ratio

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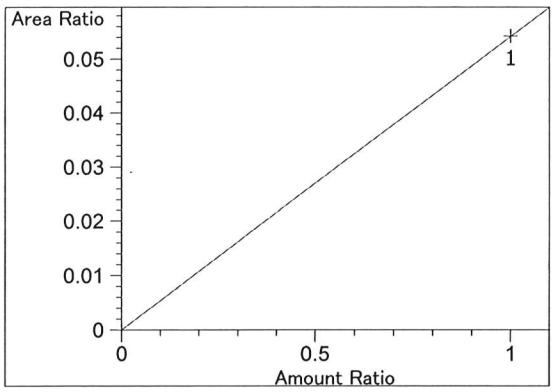
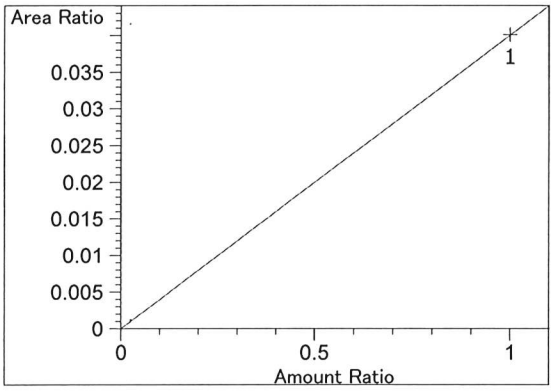
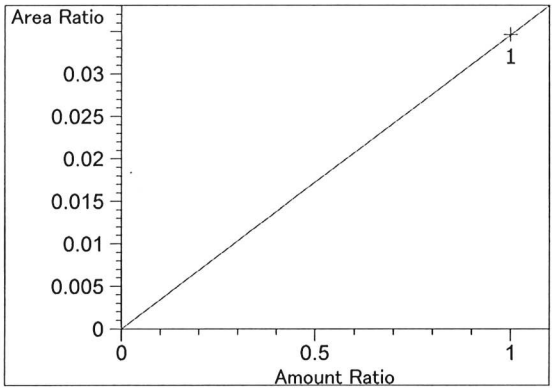


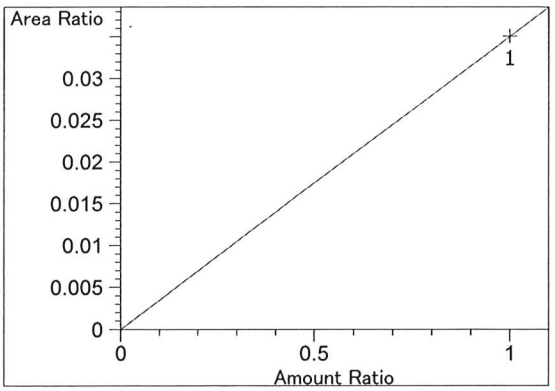
Difluoroethane at exp. RT: 2.213
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 5.42003e-2
x: Amount Ratio
y: Area Ratio



Methanol at exp. RT: 2.494
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.00724e-2
x: Amount Ratio
y: Area Ratio

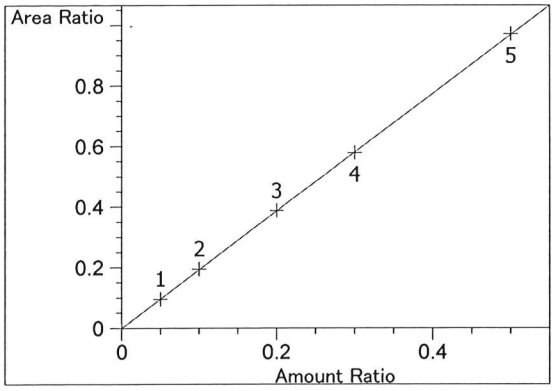


Acetaldehyde at exp. RT: 2.772
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.46135e-2
x: Amount Ratio
y: Area Ratio

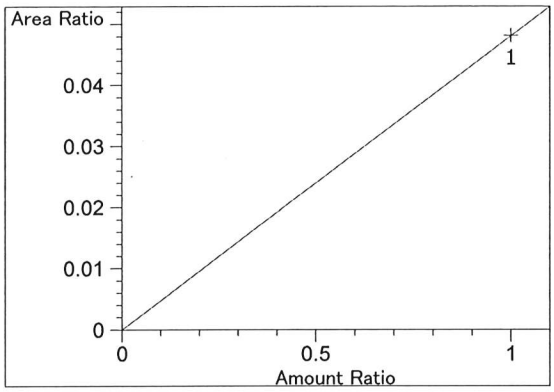


Acetaldehyde at exp. RT: 2.797
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 3.50696e-2
x: Amount Ratio
y: Area Ratio

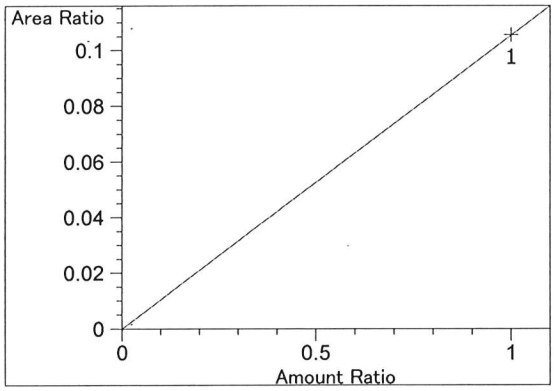
99



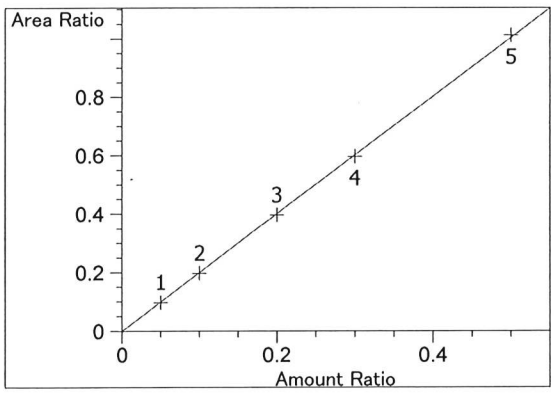
Ethanol at exp. RT: 3.111
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00191
Formula: y = mx
m: 1.93926
x: Amount Ratio
y: Area Ratio



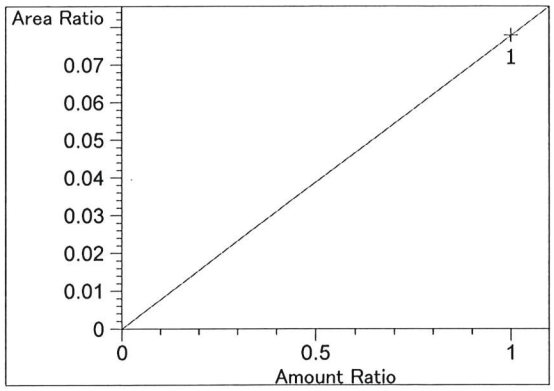
Methanol at exp. RT: 3.211
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 4.81103e-2
x: Amount Ratio
y: Area Ratio



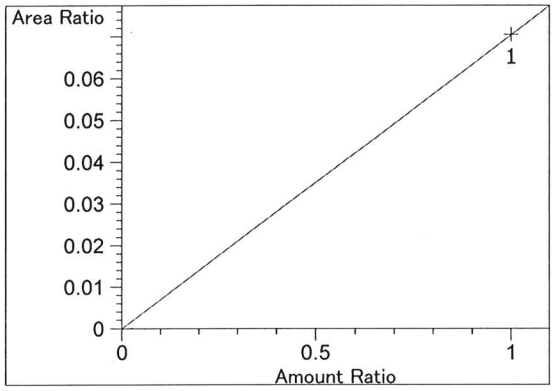
Isopropyl alcohol at exp. RT: 3.715
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.05480e-1
x: Amount Ratio
y: Area Ratio



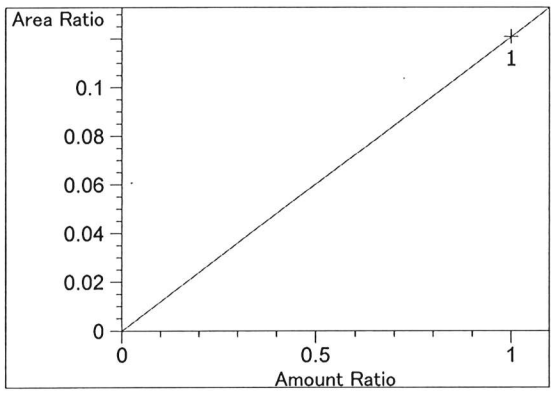
Ethanol at exp. RT: 4.184
FID2 B, Back Signal
Correlation: 0.99995
Residual Std. Dev.: 0.00617
Formula: y = mx
m: 2.01116
x: Amount Ratio
y: Area Ratio



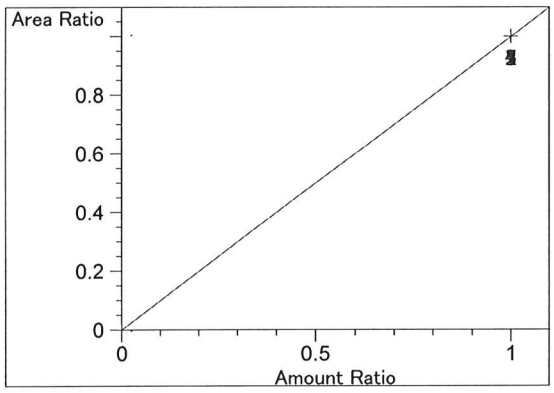
Acetone at exp. RT: 4.567
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.78347e-2
x: Amount Ratio
y: Area Ratio



Acetone at exp. RT: 4.581
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 7.04538e-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: 1.20895e-1
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 4.946
FID1 A, Front 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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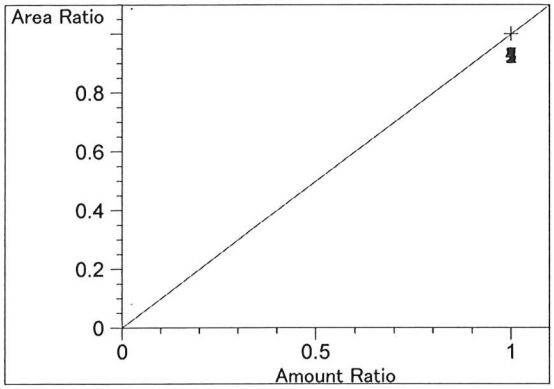

n-Propanol at exp. RT: 7.627
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx
m: 1.00000
x: Amount Ratio
y: Area Ratio

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Sequence File C:\Chem32\1\TEMP\AESEQ\QS_17.11.2020_01.28.46\11-17-2020cal.S

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

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_17.11.2020_01.28.46\11-17-2020cal.S
Data directory path: C:\Chem32\1\Data\11-17-2020CAL
Logbook: C:\Chem32\1\Data\11-17-2020CAL\11-17-2020cal.LOG
Sequence start: 11/17/2020 1:42:29 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	0.05	-	1.0000	002F0201.D	*	4
3	3	1	0.100	-	1.0000	003F0301.D	*	4
4	4	1	0.200	-	1.0000	004F0401.D	*	4
5	5	1	0.300	-	1.0000	005F0501.D	*	4
6	6	1	0.500	-	1.0000	006F0601.D	*	4
7	7	1	ISTD BLANK	-	1.0000	007F0701.D		2

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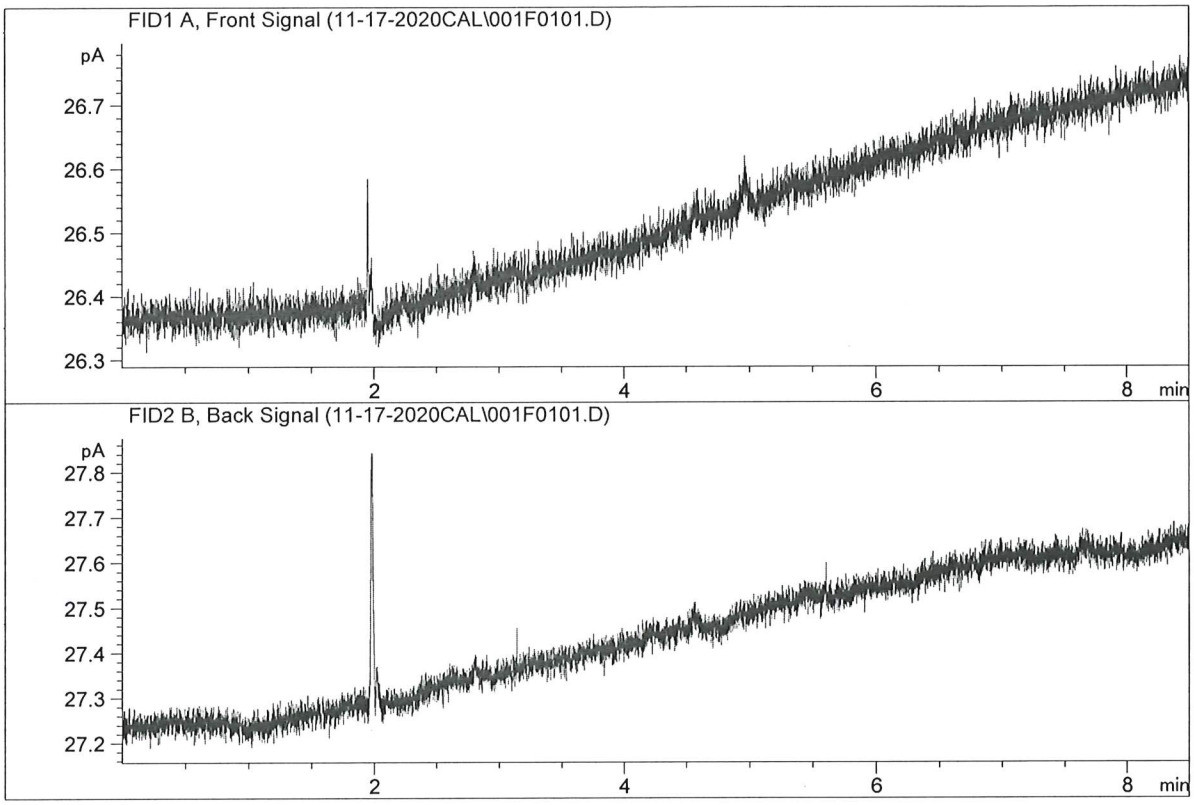
ISP Forensic Services Blood Alcohol Report

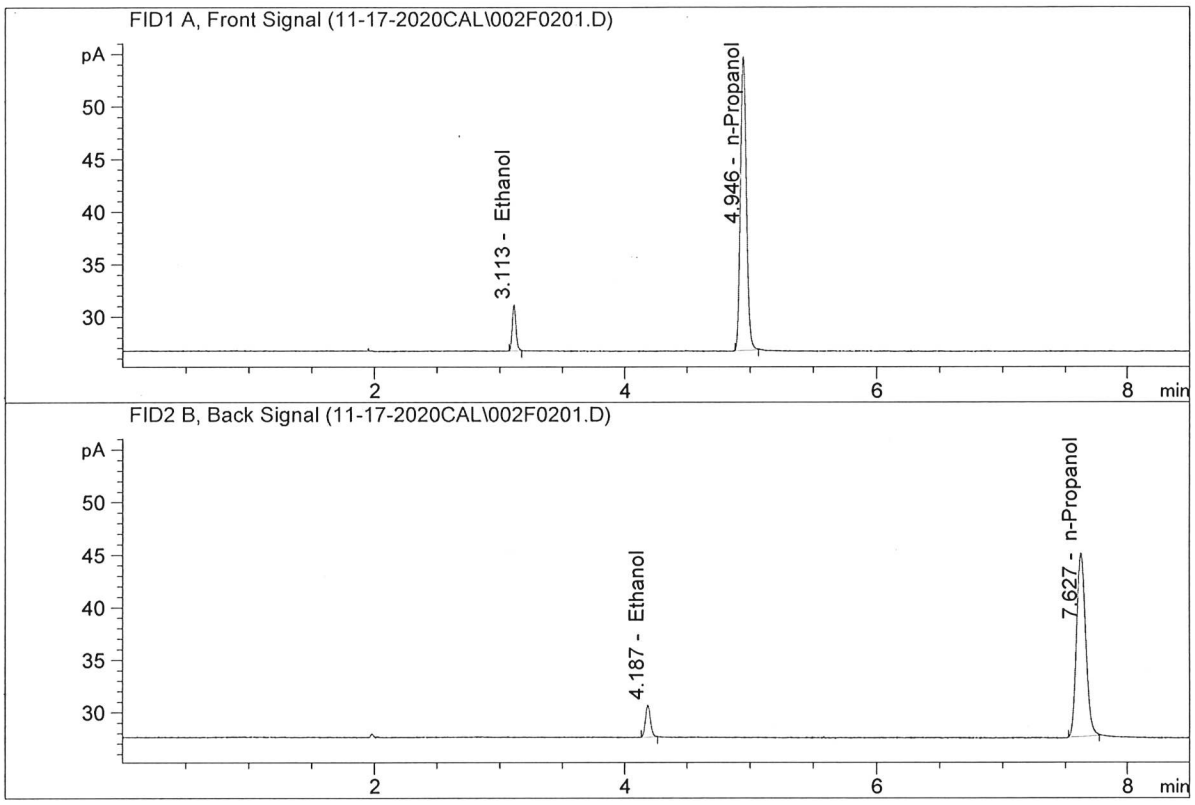
Sample Name : WATER
Laboratory : Coeur d' Alene
Injection Date : Nov 17, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	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

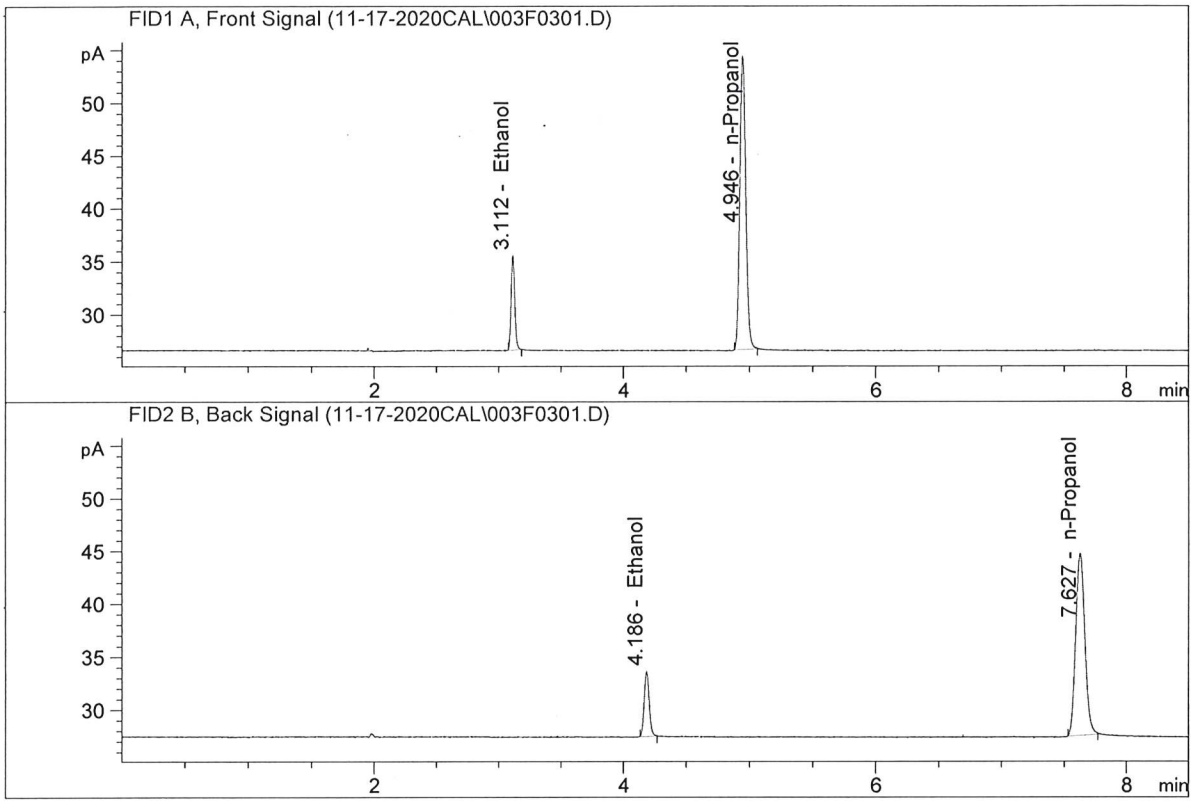
Sample Name : 0.05
Laboratory : Coeur d' Alene
Injection Date : Nov 17, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.84998	0.0503	g/100cc
2.	Ethanol	Column 2:	8.59964	0.0487	g/100cc
3.	n-Propanol	Column 1:	92.25050	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.55960	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

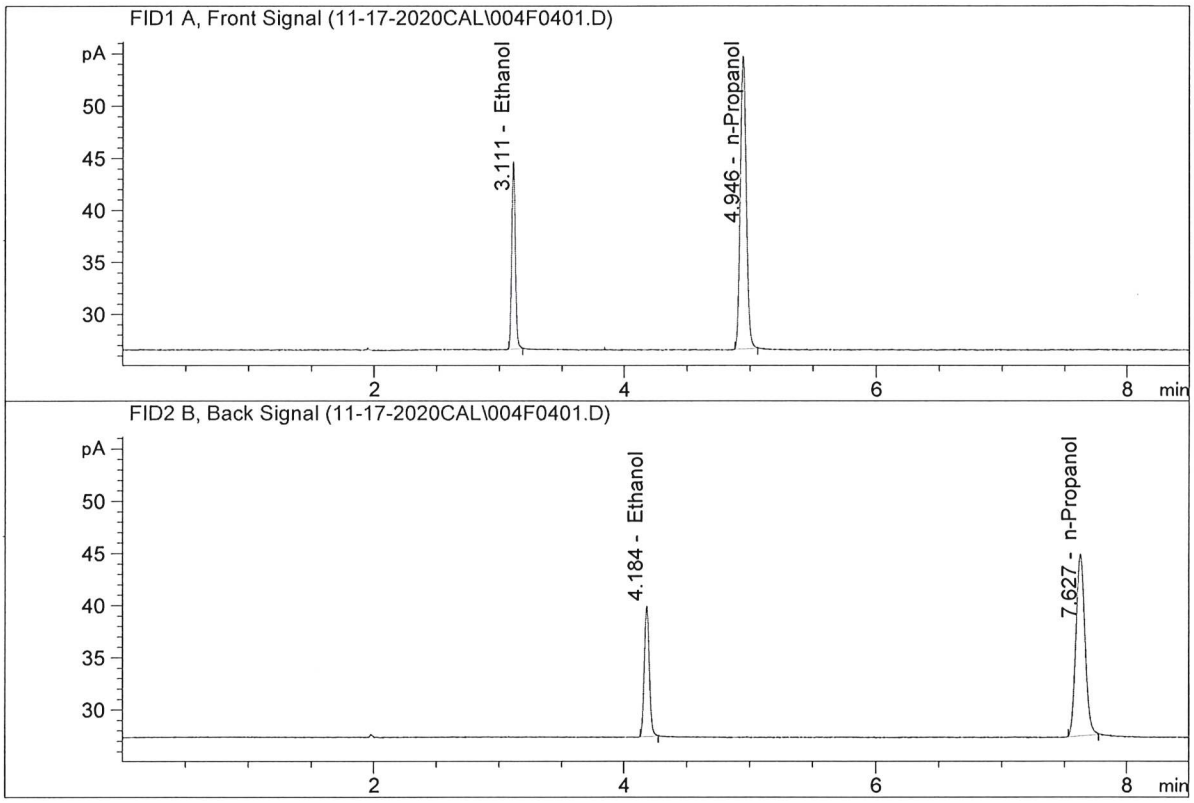
Sample Name : 0.100
Laboratory : Coeur d' Alene
Injection Date : Nov 17, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.86226	0.1023	g/100cc
2.	Ethanol	Column 2:	17.22715	0.0989	g/100cc
3.	n-Propanol	Column 1:	91.60596	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.30991	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200
Laboratory : Coeur d' Alene
Injection Date : Nov 17, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	36.00001	0.2033	g/100cc
2.	Ethanol	Column 2:	34.96655	0.1987	g/100cc
3.	n-Propanol	Column 1:	92.95907	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.18956	1.0000	g/100cc

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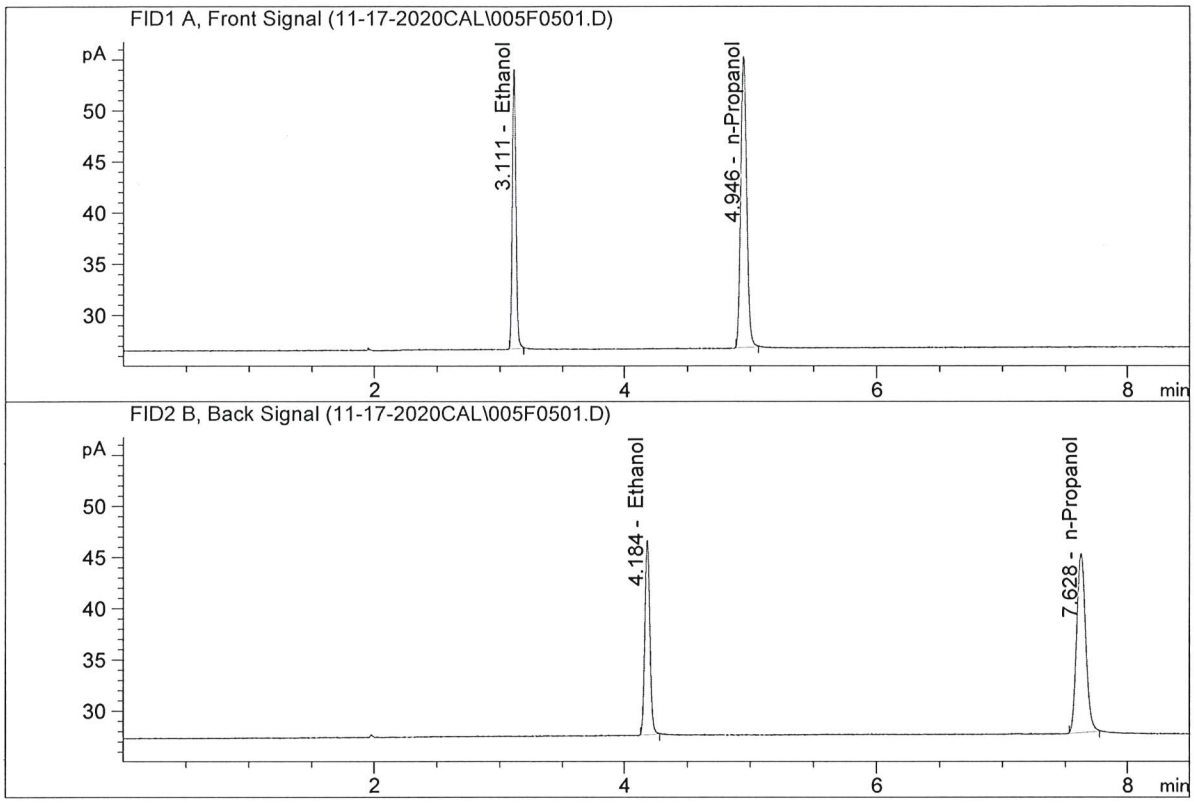
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300
Laboratory : Coeur d' Alene
Injection Date : Nov 17, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	54.50126	0.3038	g/100cc
2.	Ethanol	Column 2:	53.09553	0.2991	g/100cc
3.	n-Propanol	Column 1:	94.15218	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.94241	1.0000	g/100cc

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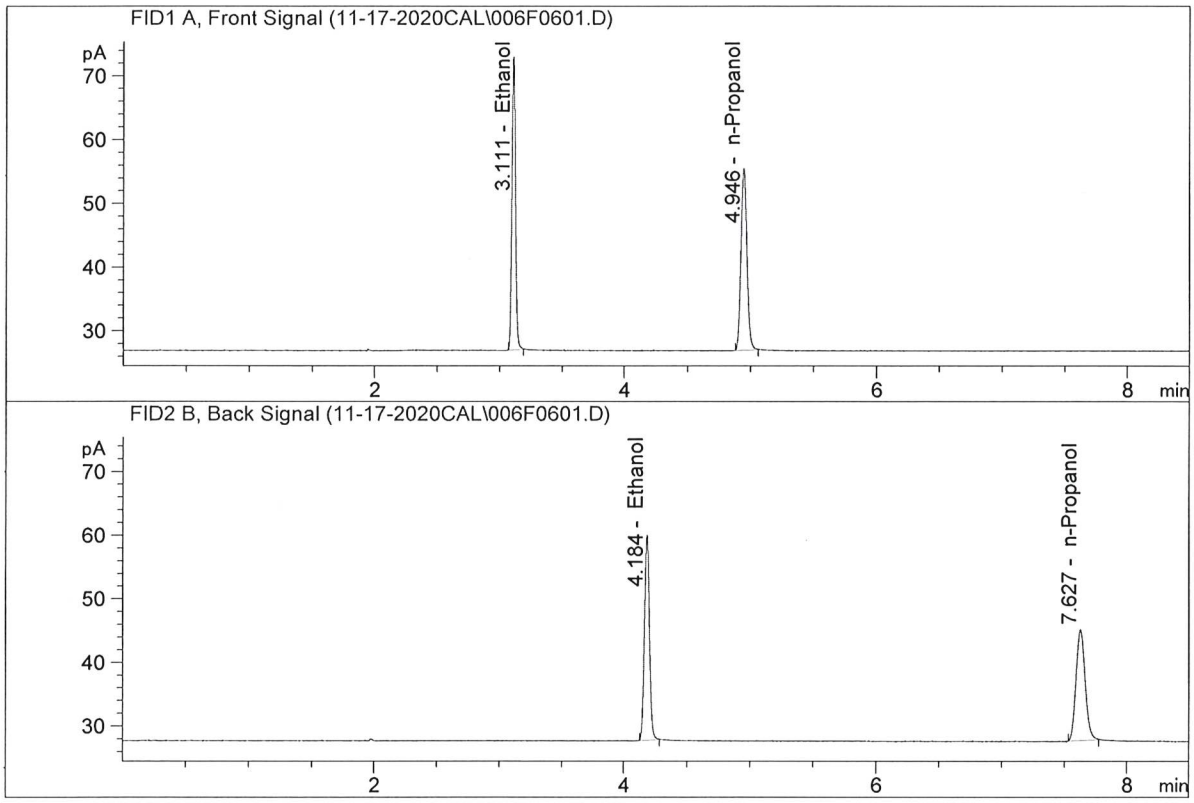
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500
Laboratory : Coeur d' Alene
Injection Date : Nov 17, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	91.26917	0.5099	g/100cc
2.	Ethanol	Column 2:	89.49091	0.5075	g/100cc
3.	n-Propanol	Column 1:	93.94638	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.35912	1.0000	g/100cc

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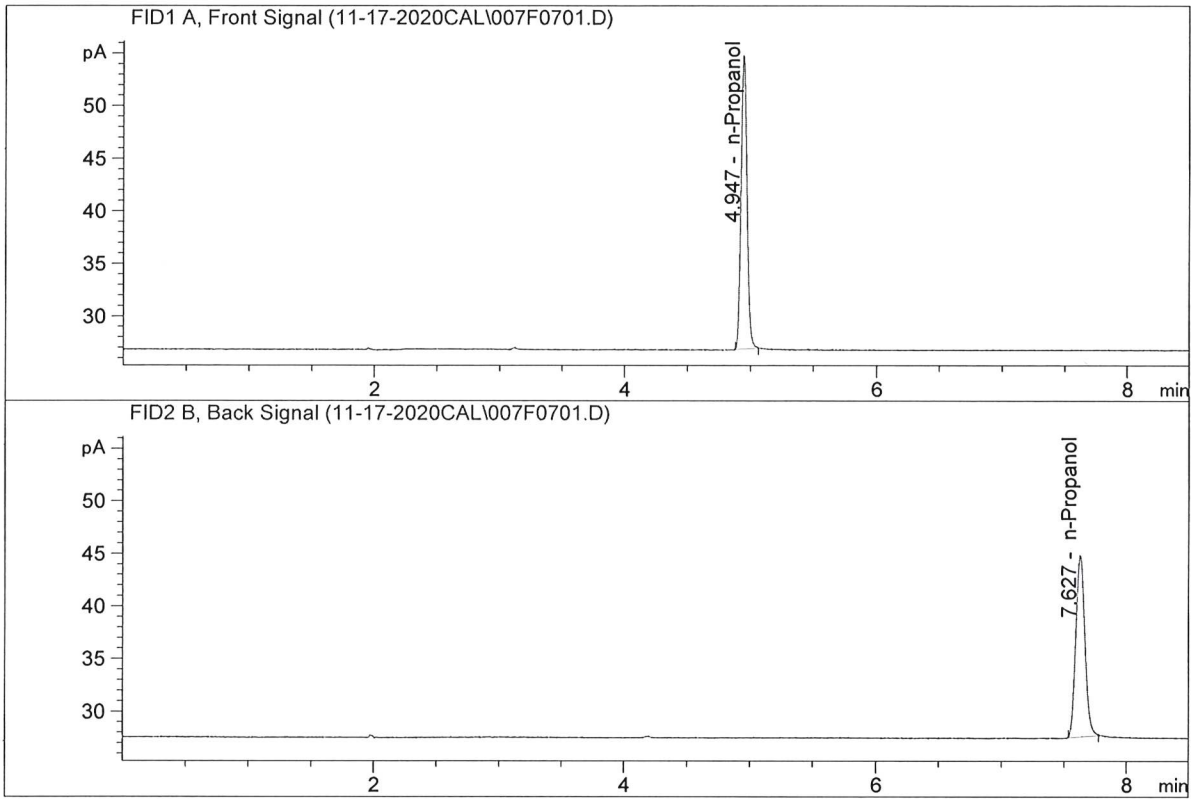
ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK
Laboratory : Coeur d' Alene
Injection Date : Nov 17, 2020
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:	92.19292	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.33699	1.0000	g/100cc

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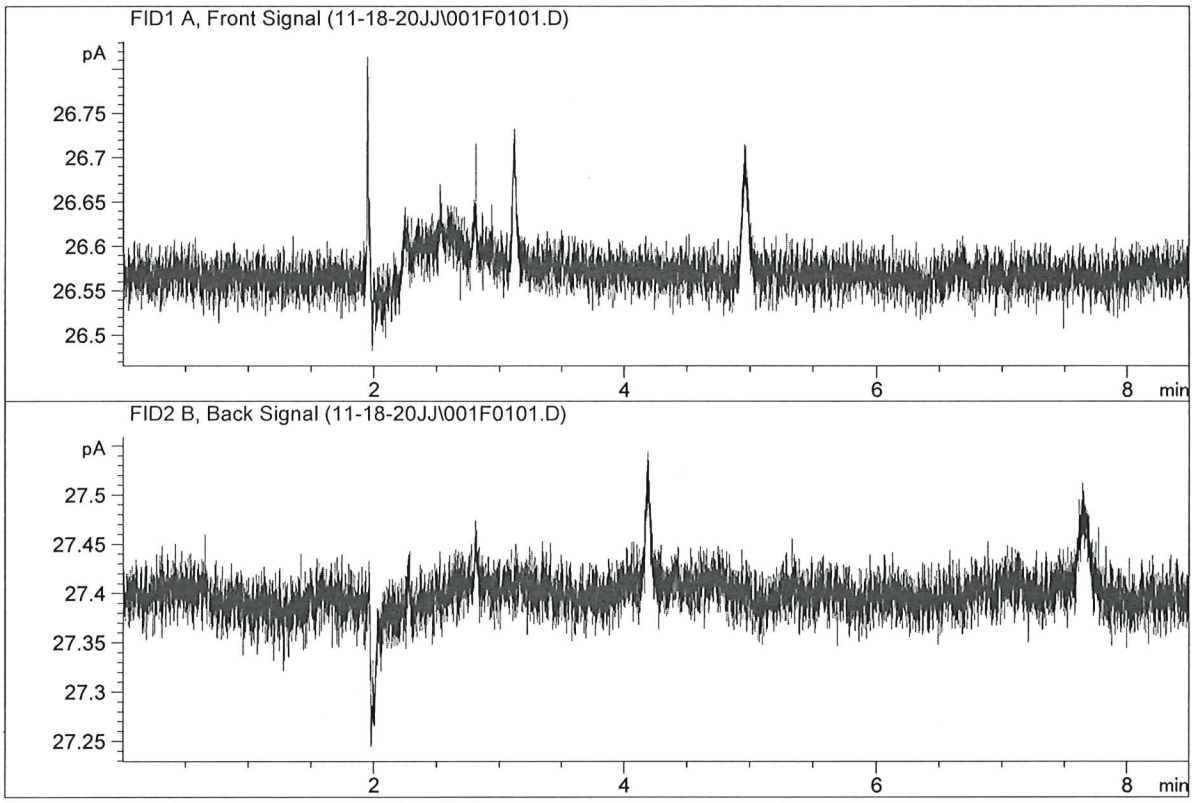
ISP Forensic Services Blood Alcohol Report

Sample Name : water-1
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
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

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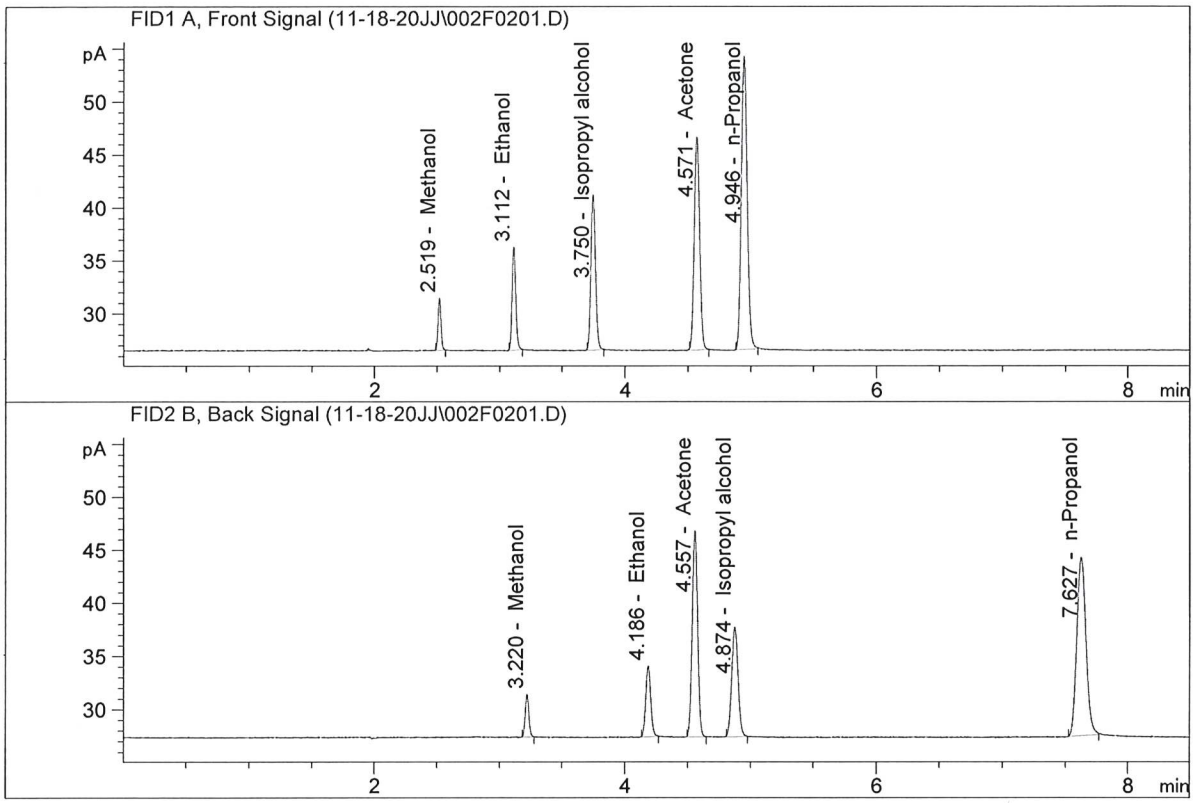
ISP Forensic Services Blood Alcohol Report

Sample Name : VOL MIX
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.57075	0.1110	g/100cc
2.	Ethanol	Column 2:	18.59195	0.1086	g/100cc
3.	n-Propanol	Column 1:	90.92077	1.0000	g/100cc
4.	n-Propanol	Column 2:	85.13655	1.0000	g/100cc

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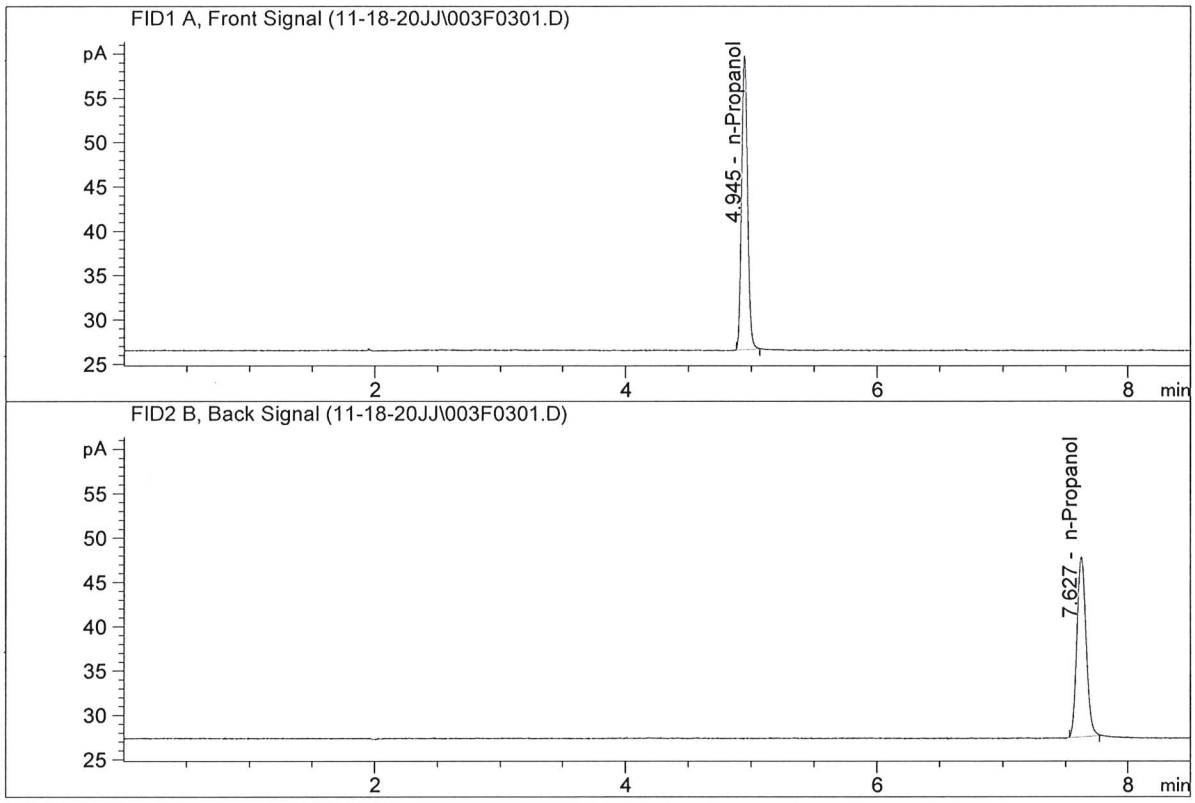
ISP Forensic Services Blood Alcohol Report

Sample Name : ISTD BLANK-1
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
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:	109.32558	1.0000	g/100cc
4.	n-Propanol	Column 2:	102.78137	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1(1) **Analysis Date(s): 18 Nov 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0747	0.0727	0.0020	0.0737	0.0004	0.0739
(g/100cc)	0.0748	0.0735	0.0013	0.0741		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.073	**0.069**	**0.077**	**0.004**

Reported Result

0.073

Calibration and control data are stored centrally.

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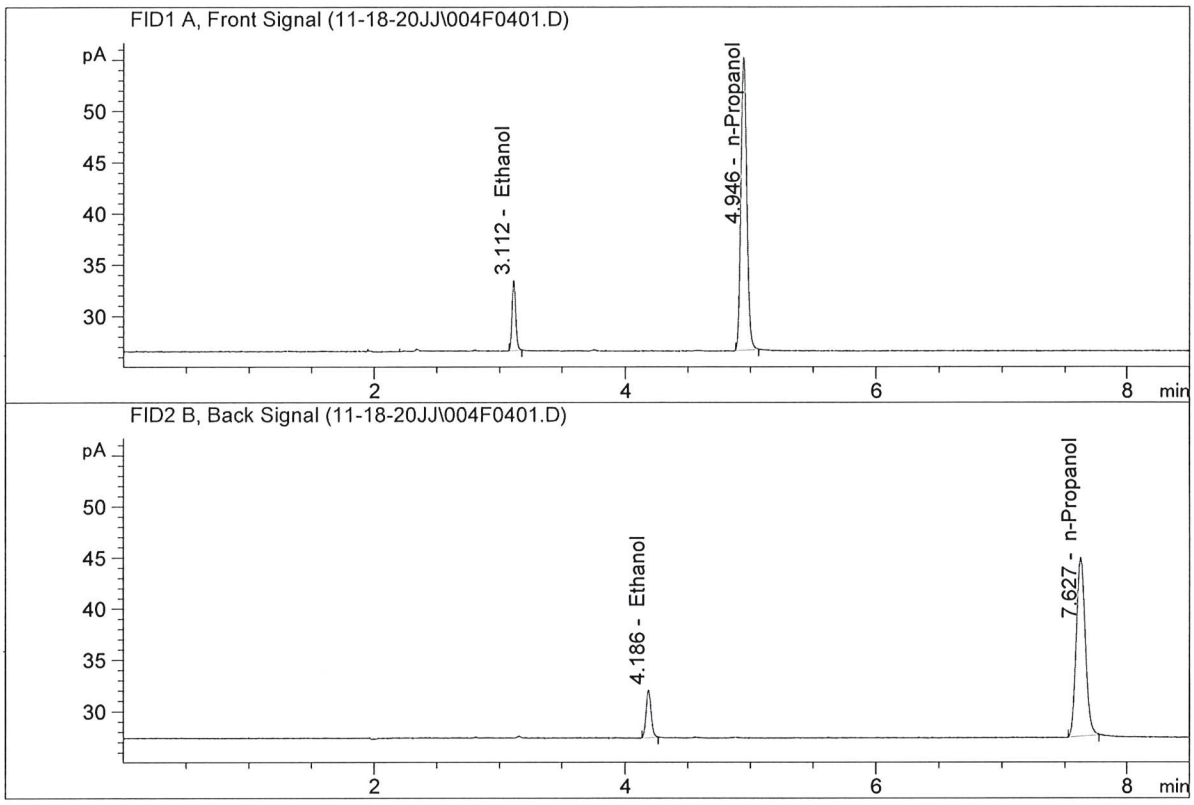
ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(1)-A
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.67806	0.0747	g/100cc
2.	Ethanol	Column 2:	12.93764	0.0727	g/100cc
3.	n-Propanol	Column 1:	94.41989	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.44233	1.0000	g/100cc

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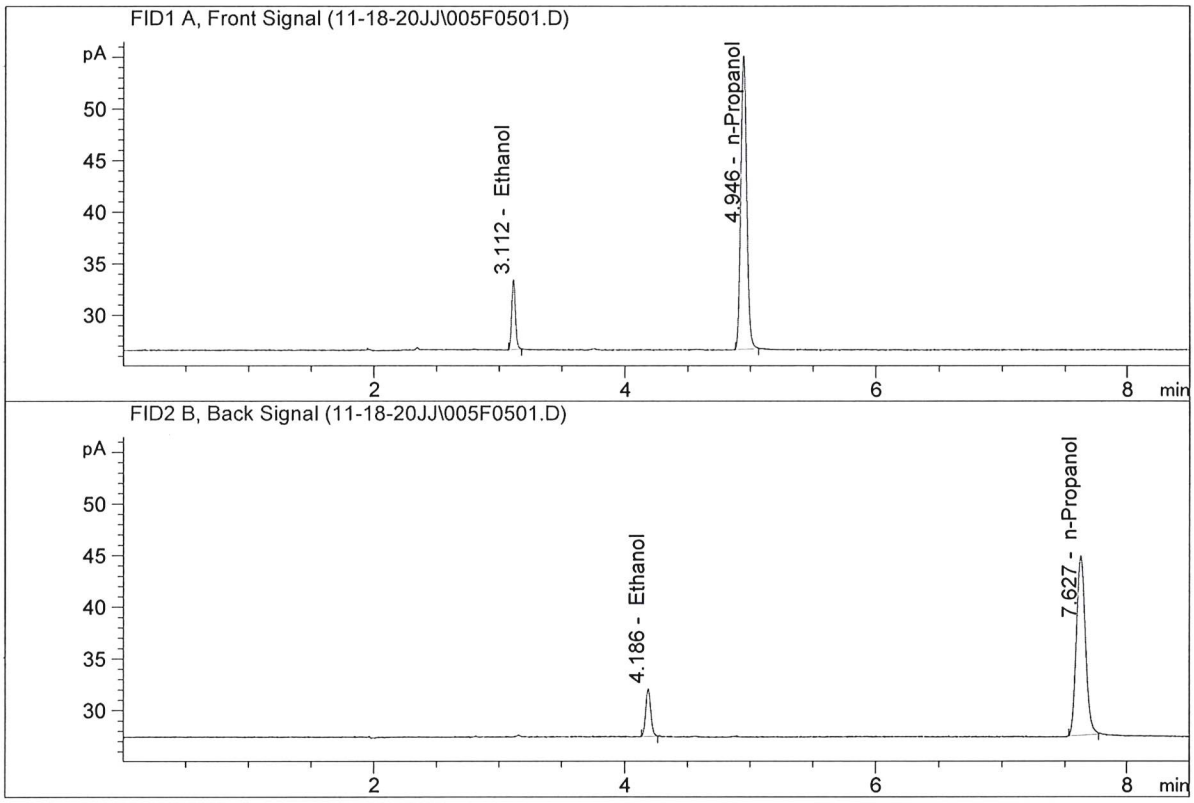
ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(1)-B
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.62714	0.0748	g/100cc
2.	Ethanol	Column 2:	12.94884	0.0735	g/100cc
3.	n-Propanol	Column 1:	93.90788	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.62312	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN09181807 **Analysis Date(s): 18 Nov 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0807	0.0788	0.0019	0.0797	0.0011	0.0803
(g/100cc)	0.0816	0.0801	0.0015	0.0808		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

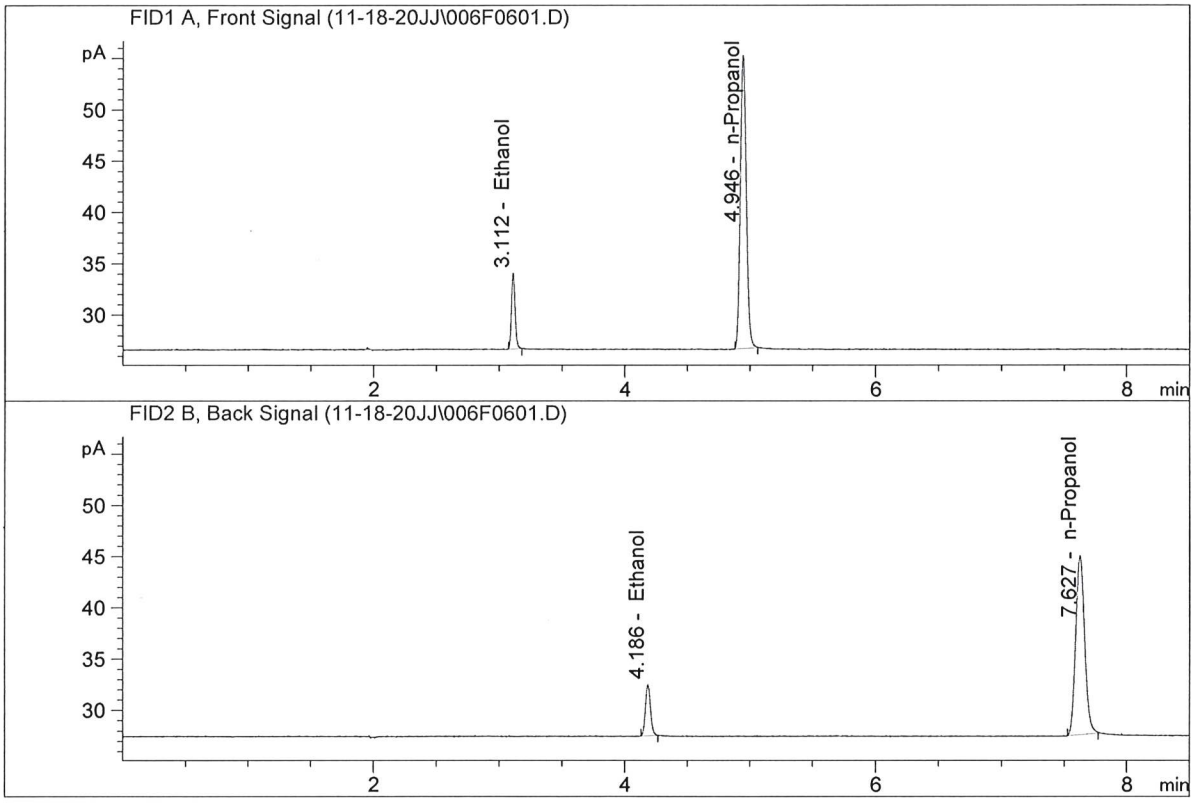
Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	**0.076**	**0.084**	**0.004**

	Reported Result	
	0.080	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN09181807-A
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.75113	0.0807	g/100cc
2.	Ethanol	Column 2:	13.99894	0.0788	g/100cc
3.	n-Propanol	Column 1:	94.28916	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.27950	1.0000	g/100cc

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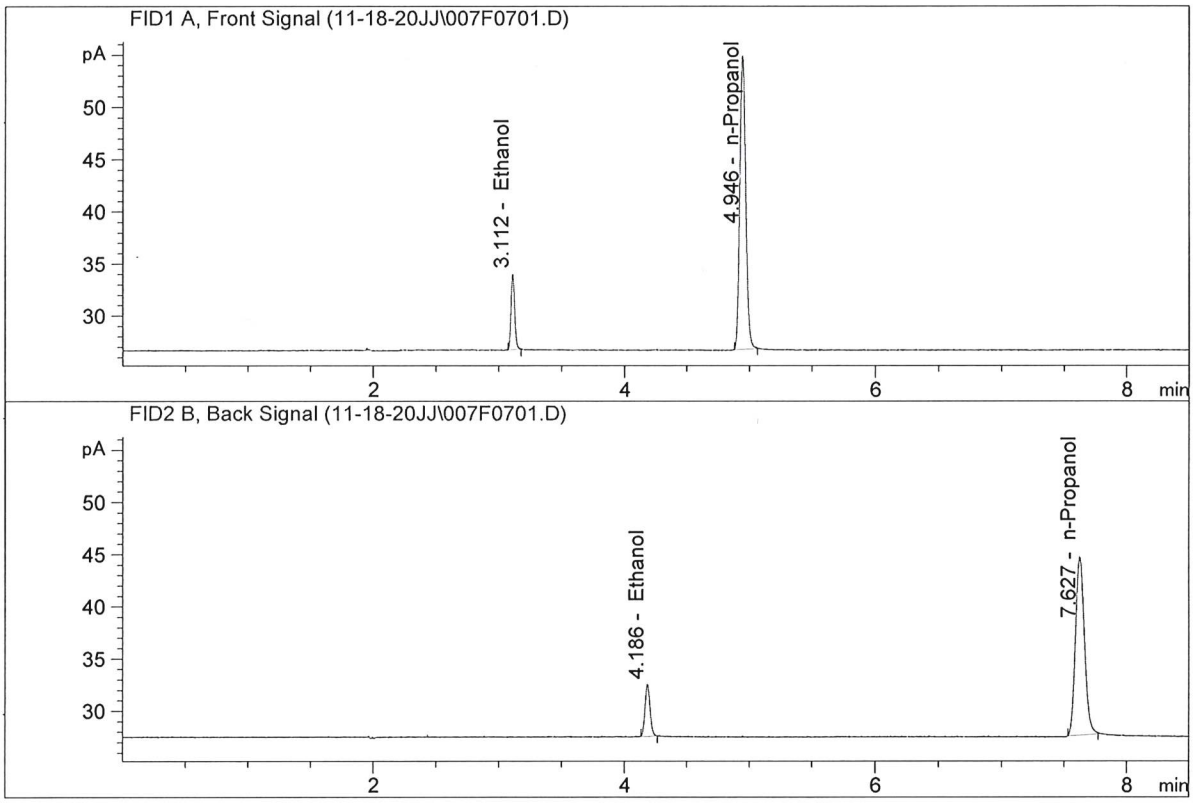
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN09181807-B
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.68347	0.0816	g/100cc
2.	Ethanol	Column 2:	13.94775	0.0801	g/100cc
3.	n-Propanol	Column 1:	92.77914	1.0000	g/100cc
4.	n-Propanol	Column 2:	86.62000	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2(1) **Analysis Date(s): 18 Nov 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results (g/100cc)	0.1995	0.1990	0.0005	0.1992	0.0000	0.1992
	0.1998	0.1987	0.0011	0.1992		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.199	**0.189**	**0.209**	**0.010**

Reported Result
0.199

Calibration and control data are stored centrally.

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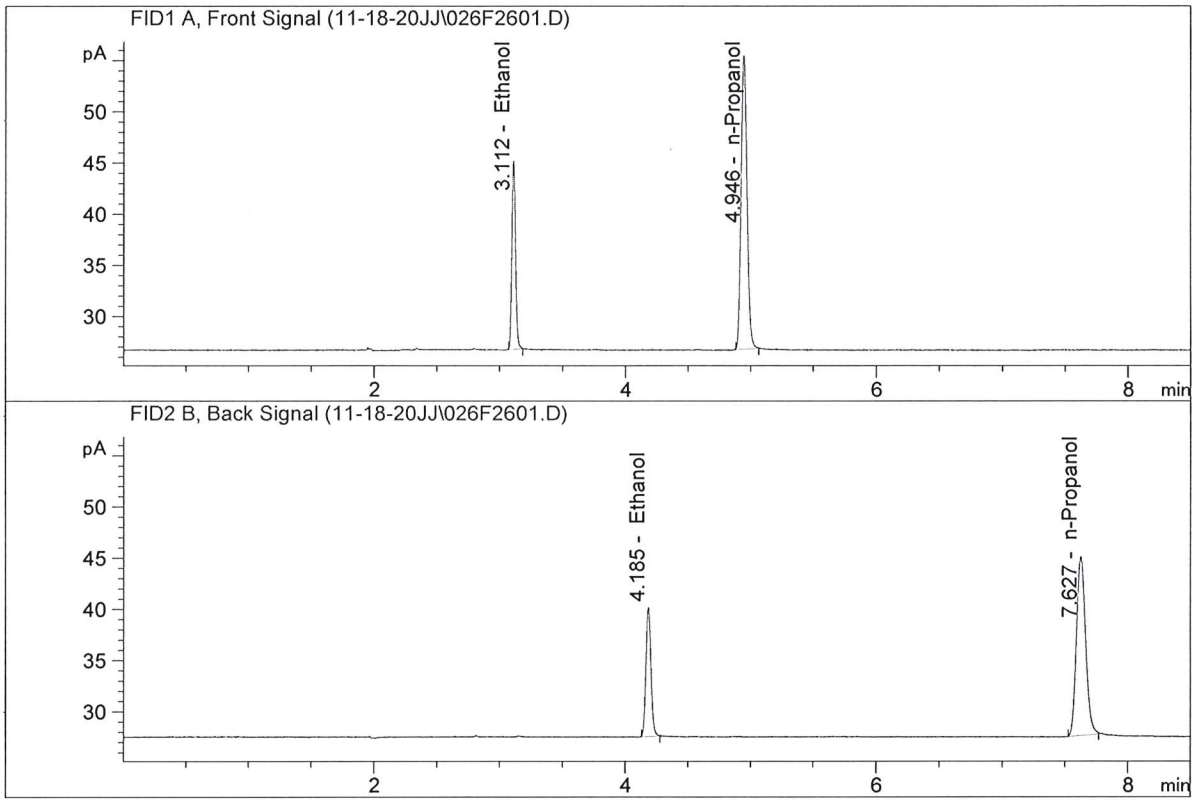
ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2(1)-A
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	36.57362	0.1995	g/100cc
2.	Ethanol	Column 2:	35.29981	0.1990	g/100cc
3.	n-Propanol	Column 1:	94.54066	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.21736	1.0000	g/100cc

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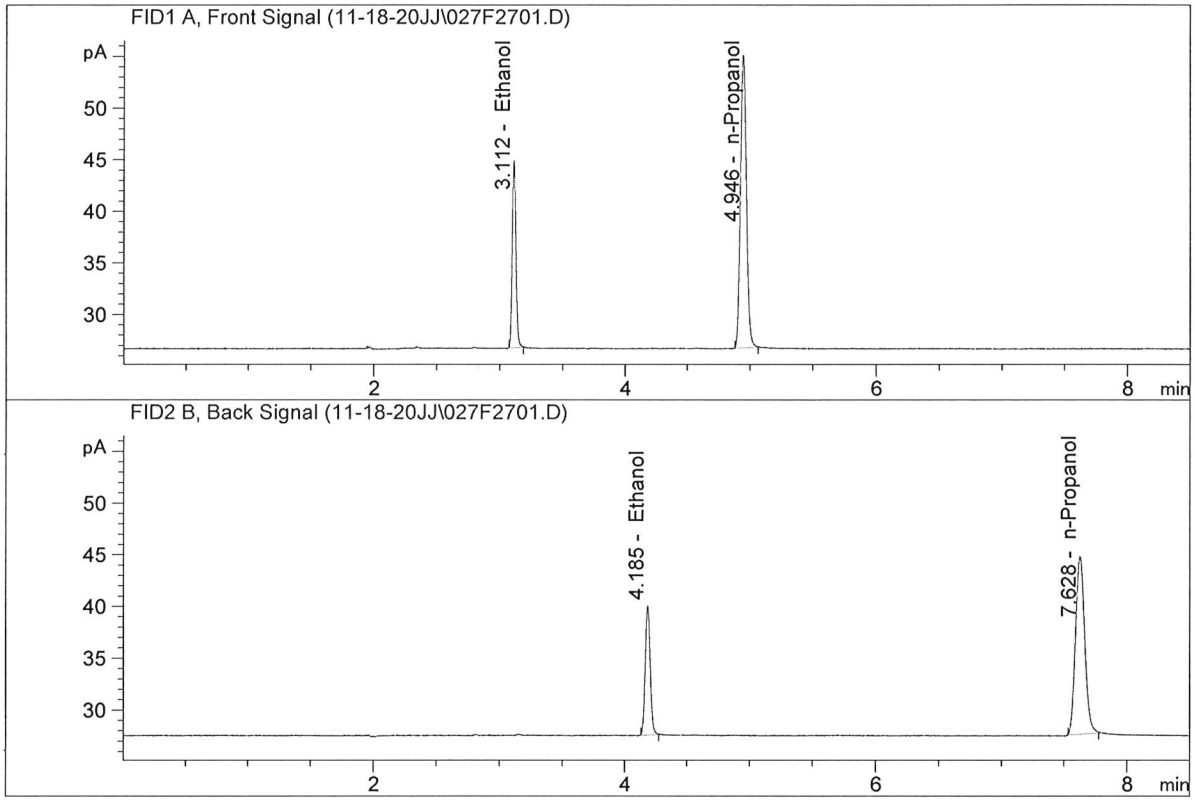
ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2(1)-B
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	36.22652	0.1998	g/100cc
2.	Ethanol	Column 2:	34.87221	0.1987	g/100cc
3.	n-Propanol	Column 1:	93.47395	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.25323	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-1(2) **Analysis Date(s): 18 Nov 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0755	0.0740	0.0015	0.0747	0.0000	0.0747
(g/100cc)	0.0753	0.0742	0.0011	0.0747		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.074	**0.070**	**0.078**	**0.004**

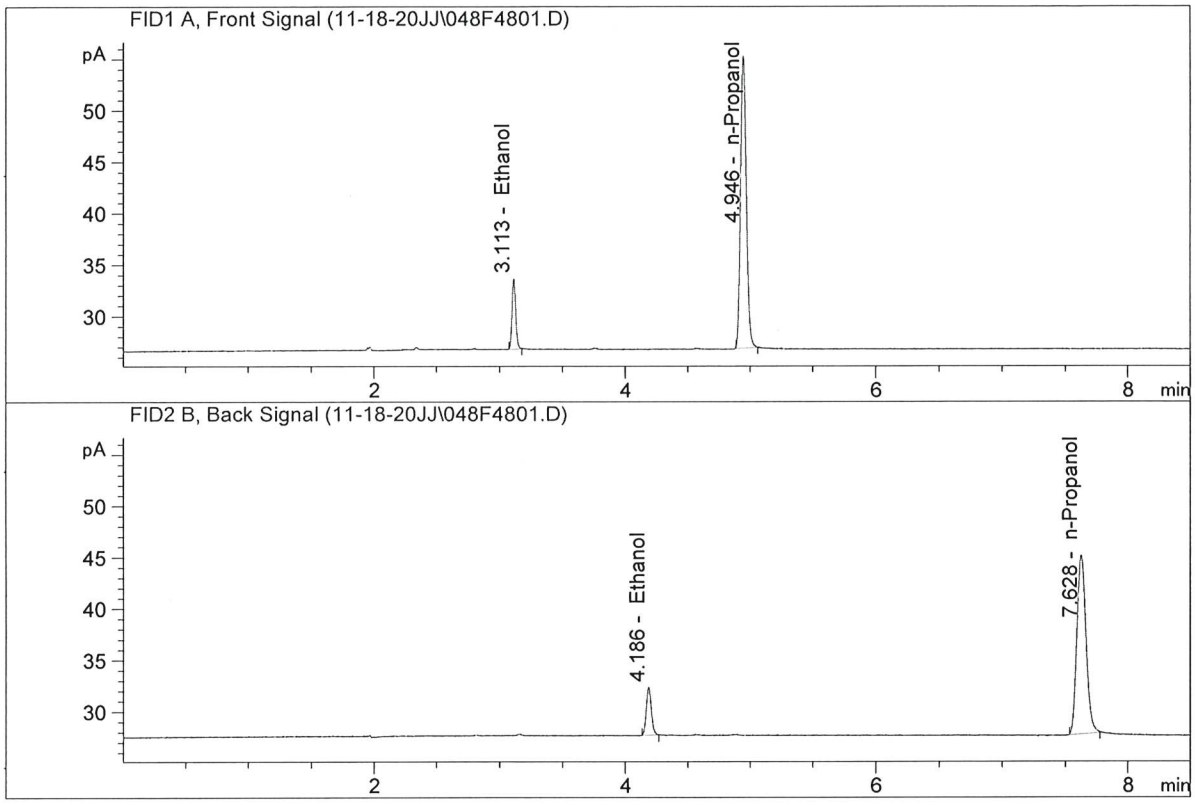
Reported Result

0.074

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(2)-A
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	13.70937	0.0755	g/100cc
2.	Ethanol	Column 2:	13.10459	0.0740	g/100cc
3.	n-Propanol	Column 1:	93.69030	1.0000	g/100cc
4.	n-Propanol	Column 2:	88.05106	1.0000	g/100cc

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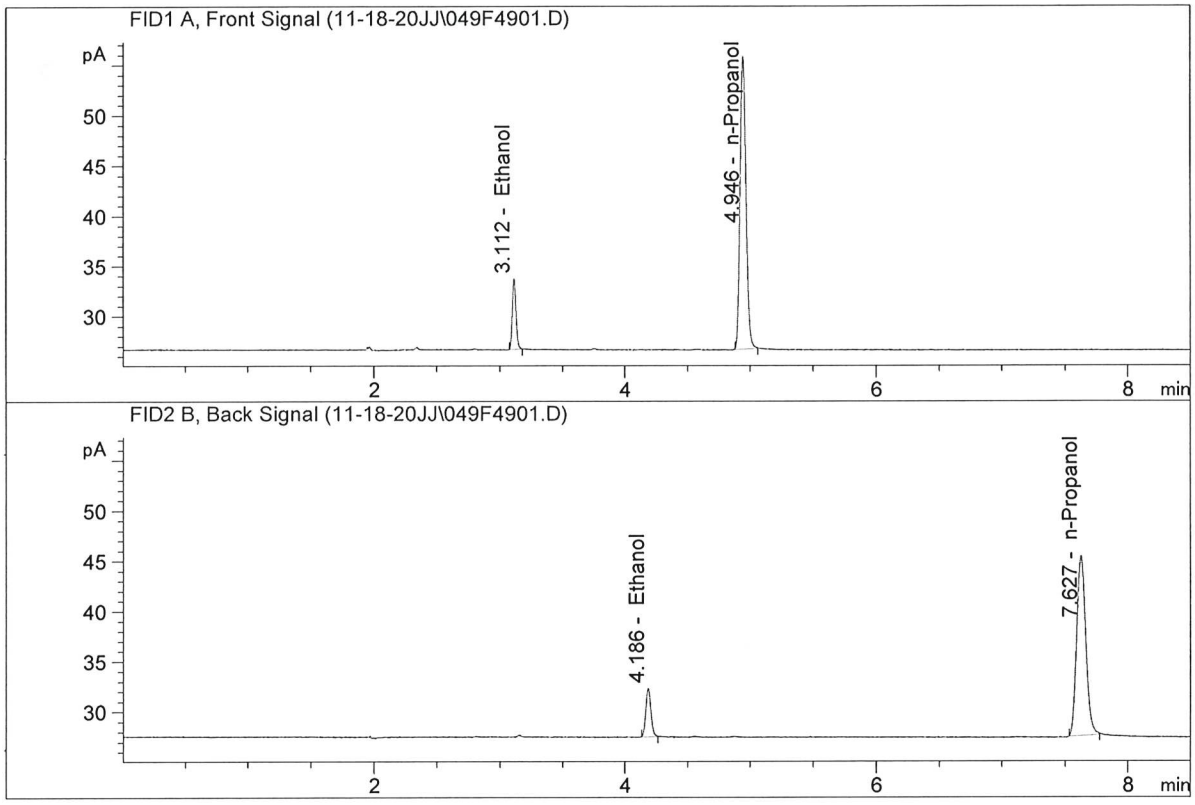
ISP Forensic Services Blood Alcohol Report

Sample Name : QC-1(2)-B
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	14.01924	0.0753	g/100cc
2.	Ethanol	Column 2:	13.45919	0.0742	g/100cc
3.	n-Propanol	Column 1:	95.96015	1.0000	g/100cc
4.	n-Propanol	Column 2:	90.24297	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC-2(2) **Analysis Date(s): 18 Nov 2020**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2019	0.2018	0.0001	0.2018	0.0004	0.2016
(g/100cc)	0.2012	0.2016	0.0004	0.2014		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.201	**0.190**	**0.212**	**0.011**

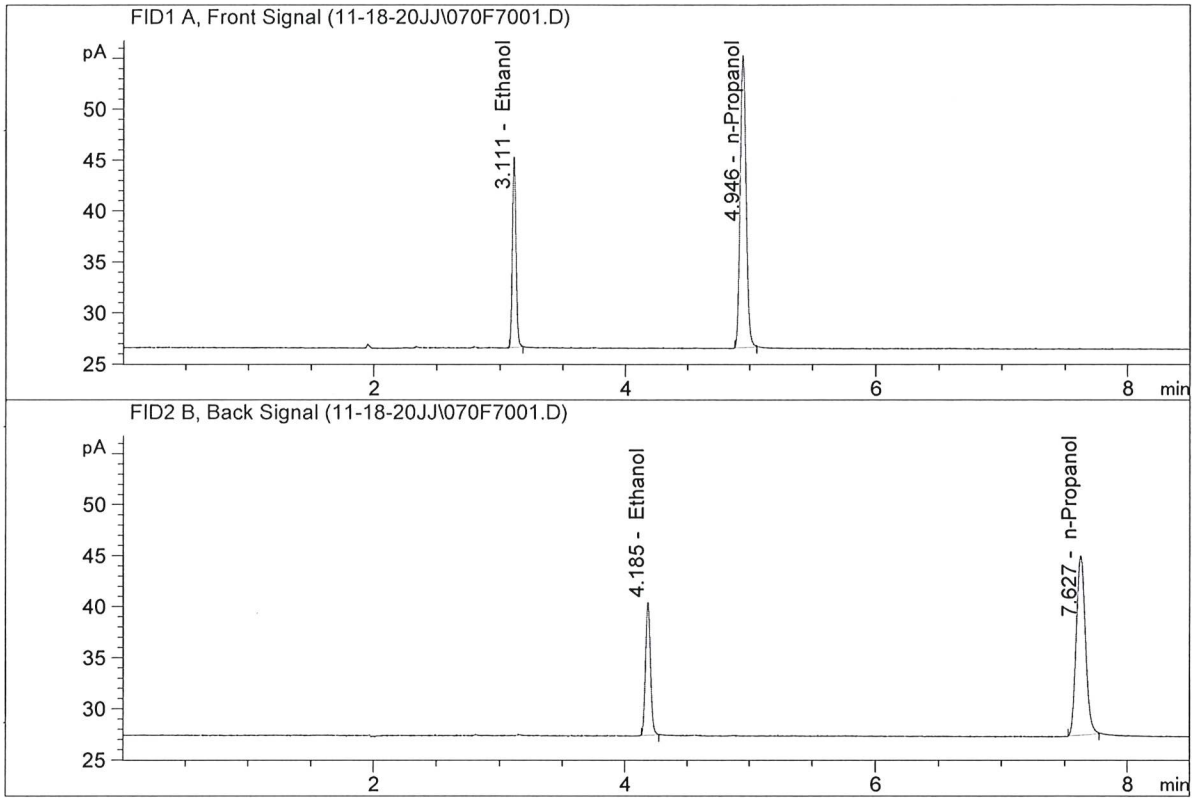
Reported Result

0.201

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC-2(2)-A
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	37.02584	0.2019	g/100cc
2.	Ethanol	Column 2:	36.12315	0.2018	g/100cc
3.	n-Propanol	Column 1:	94.55486	1.0000	g/100cc
4.	n-Propanol	Column 2:	89.01436	1.0000	g/100cc

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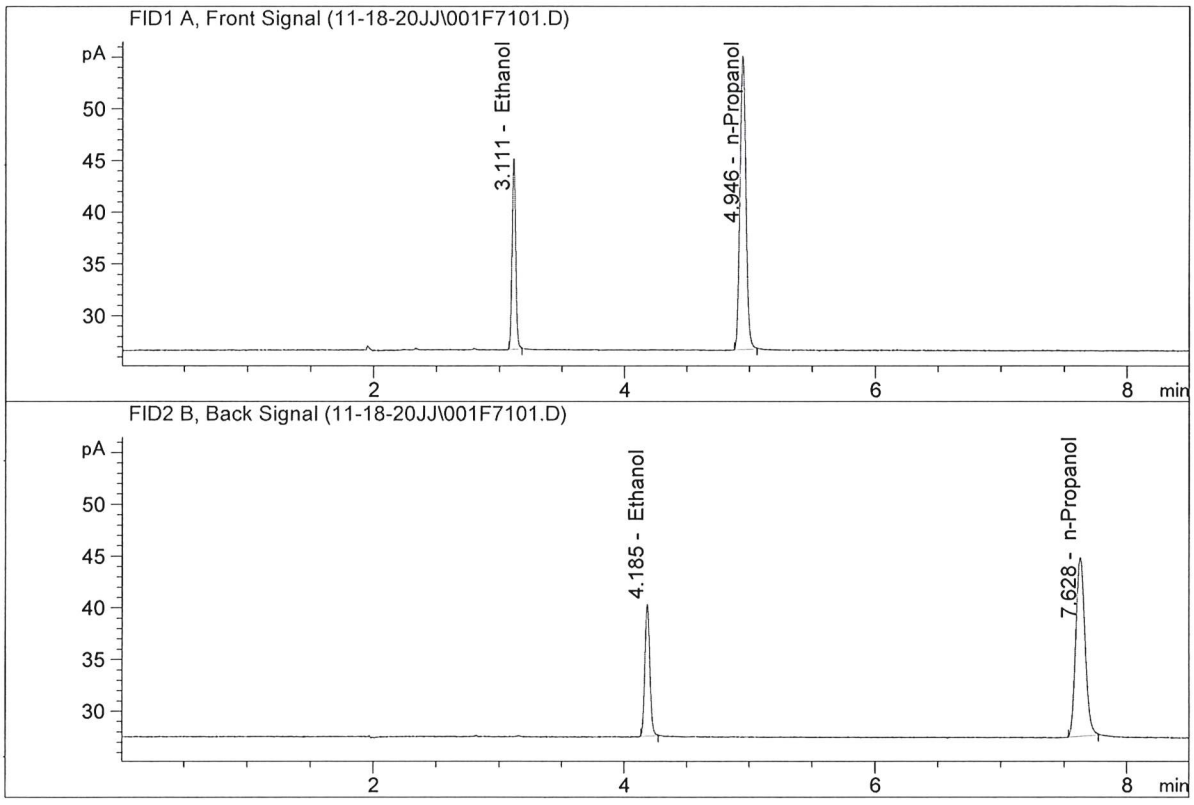
ISP Forensic Services Blood Alcohol Report

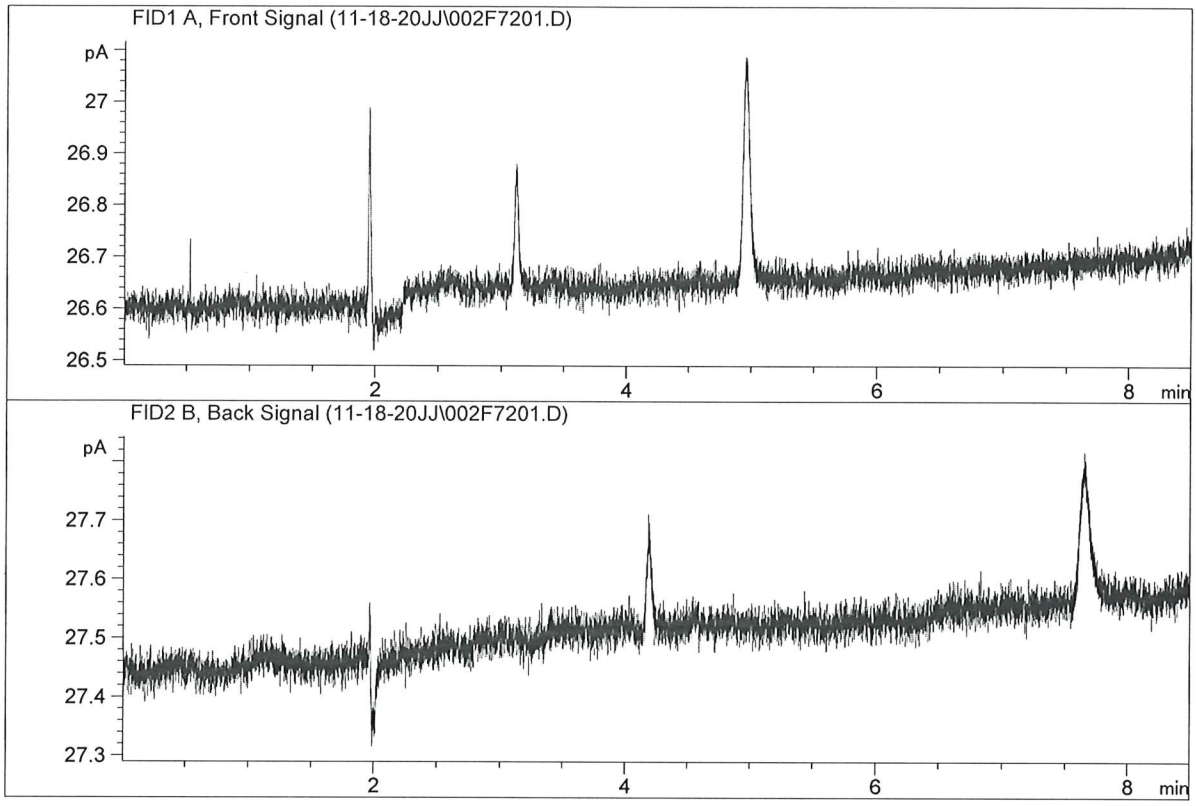
Sample Name : QC-2(2)-B
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
Method : ALCOHOL.M
Acq. Instrument: CN10742044-IT00725005



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	36.36845	0.2012	g/100cc
2.	Ethanol	Column 2:	35.47791	0.2016	g/100cc
3.	n-Propanol	Column 1:	93.22327	1.0000	g/100cc
4.	n-Propanol	Column 2:	87.51978	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : water-2
Laboratory : Coeur d' Alene
Injection Date : Nov 18, 2020
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

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