Worklist: 5695

99

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2022-0389	1	BCK	Alcohol Analysis
C2022-0390	1	BCK	Alcohol Analysis
C2022-0398	1	BCK	Alcohol Analysis
C2022-0399	1	BCK	Alcohol Analysis
C2022-0407	1	BCK	Alcohol Analysis
C2022-0416	1	BCK	Alcohol Analysis
C2022-0466	1	BCK	Alcohol Analysis
C2022-0478	1	BCK	Alcohol Analysis
C2022-0480	1	UCK	Alcohol Analysis
C2022-0507	1	BCK	Alcohol Analysis
C2022-0537	1	BCK	Alcohol Analysis
C2022-0568	1	UCK	Alcohol Analysis

Region 1 CDA Blood Alcohol Analysis Batch Table

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Shimadzu GC-2030 Serial #C12255850700
Shimadzu HS-20 Serial #C12595700181
Lab Solutions Software Ver. 5.99

Vial#	Sample Name	Sample Type	Level#	Method File
1	INT STD BLK 1	0:Unknown	0	ALCOHOL (short).GCM
2	0.050	1:Standard:(R)	1	ALCOHOL (short).GCM
3	0.100	1:Standard:(R)	2	ALCOHOL (short).GCM
4	0.200	1:Standard:(R)	3	ALCOHOL (short).GCM
5	0.300	1:Standard:(R)	4	ALCOHOL (short).GCM
6	0.500	1:Standard:(R)	5	ALCOHOL (short).GCM
7	INT STD BLK 2	0:Unknown	0	ALCOHOL (short).GCM
8	MULTI-COMP MIX	1:Standard:(R)	6	ALCOHOL (short).GCM
9	INT STD BLK 3	0:Unknown	0	ALCOHOL (short).GCM
10	QC-2-1-A	0:Unknown	0	ALCOHOL (short).GCM
11	QC-2-1-B	0:Unknown	0	ALCOHOL (short).GCM
12	0.08 QA - A	0:Unknown	0	ALCOHOL (short).GCM
13	0.08 QA - B	0:Unknown	0	ALCOHOL (short).GCM
14	C2022-0389-1-A	0:Unknown	0	ALCOHOL (short).GCM
15	C2022-0389-1-B	0:Unknown	0	ALCOHOL (short).GCM
16	C2022-0390-1-A	0:Unknown	0	ALCOHOL (short).GCM
17	C2022-0390-1-B	0:Unknown	0	ALCOHOL (short).GCM
18	C2022-0398-1-A	0:Unknown	0	ALCOHOL (short).GCM
19	C2022-0398-1-B	0:Unknown	0	ALCOHOL (short).GCM
20	C2022-0399-1-A	0:Unknown	0	ALCOHOL (short).GCM
21	C2022-0399-1-B	0:Unknown	0	ALCOHOL (short).GCM
22	C2022-0407-1-A	0:Unknown	0	ALCOHOL (short).GCM
23	C2022-0407-1-B	0:Unknown	0	ALCOHOL (short).GCM
24	C2022-0416-1-A	0:Unknown	0	ALCOHOL (short).GCM
25	C2022-0416-1-B	0:Unknown	0	ALCOHOL (short).GCM
26	C2022-0466-1-A	0:Unknown	0	ALCOHOL (short).GCM
27	C2022-0466-1-B	0:Unknown	0	ALCOHOL (short).GCM
28	C2022-0478-1-A	0:Unknown	0	ALCOHOL (short).GCM
29	C2022-0478-1-B	0:Unknown	0	ALCOHOL (short).GCM
30	C2022-0480-1-A	0:Unknown	0	ALCOHOL (short).GCM
31	C2022-0480-1-B	0:Unknown	0	ALCOHOL (short).GCM
32	QC-1-1-A	0:Unknown	0	ALCOHOL (short).GCM
33	QC-1-1-B	0:Unknown	0	ALCOHOL (short).GCM
34	C2022-0507-1-A	0:Unknown	0	ALCOHOL (short).GCM
35	C2022-0507-1-B	0:Unknown	0	ALCOHOL (short).GCM
36	C2022-0537-1-A	0:Unknown	0	ALCOHOL (short).GCM
37	C2022-0537-1-B	0:Unknown	0	ALCOHOL (short).GCM
38	C2022-0568-1-A	0:Unknown	0	ALCOHOL (short).GCM
39	C2022-0568-1-B	0:Unknown	0	ALCOHOL (short).GCM
40	QC-2-2-A	0:Unknown	0	ALCOHOL (short).GCM
41	QC-2-2-B	0:Unknown	0	ALCOHOL (short).GCM
42	INT STD BLK 4	0:Unknown	0	ALCOHOL (short).GCM

REVIEWED
By Rachel Cutler at 4:01 pm, Mar 22, 2022

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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):** ~~2-23-22~~ 3/21/22

Calibration Date: *(if different)* 99 3/22/22

Worklist #: ~~5625~~ 5695

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-22	1907006	0.0764	0.0688-0.0840	0.0723 g/100cc
					g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.1979 g/100cc
					0.2016 g/100cc
					g/100cc

Multi-Component mixture:	Exp:	22-Jul	Lot #	FN07101701	OK
Curve Fit:		**Column 1**	0.99990	**Column2**	0.99976

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0480	0.0475	0.0005	0.0477
100	0.100	0.090 - 0.110	0.0954	0.0937	0.0017	0.0945
200	0.200	0.180 - 0.220	0.1958	0.1941	0.0017	0.1949
300	0.300	0.270 - 0.330	0.2986	0.2972	0.0014	0.2979
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5035	0.5054	0.0019	0.5044

Internal Standard	Average	(-) 20%	(+) 20%
N-Propanol:	207079.1	165663.3	248495.0

Aqueous Controls

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

Internal Standard Monitoring Worksheet

Worklist #: ~~5625~~ 5695 JJ 3/22/22 **Run Date(s):** ~~2-23-22~~ 3/21/22 JJ 3/22/22

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Internal Standard Solution: AO14463901/192886	Prep Date: 1/24/22	Exp Date: 7/24/22

Sample Name	Column 1 Value	Column 2 Value	Average
0.080	187383	203378	195380.5
0.080	189284	205712	197498
QC1	206017	223716	214866.5
QC1	201910	218618	210264
QC1			#DIV/0!
QC1			#DIV/0!
QC1			#DIV/0!
QC1			#DIV/0!
QC2	190549	207528	199038.5
QC2	187163	203220	195191.5
QC2	209870	227984	218927
QC2	216231	234703	225467
QC2			#DIV/0!
QC2			#DIV/0!

Combined Average	(-)20%	(+)20%
207079.1	165663.3	248495.0

Revision: 4
Issue Date: 01/24/2022
Issuing Authority: Quality Manager

Calibration Table

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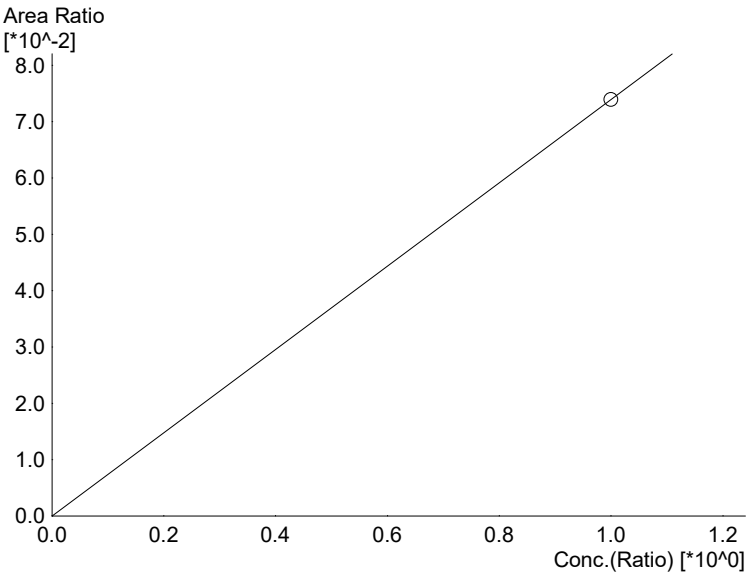
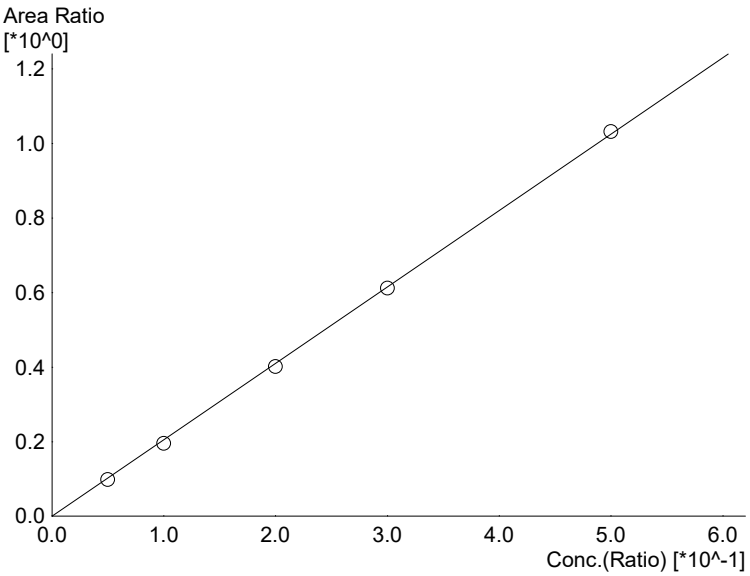
Laboratory : Coeur d' Alene
Instrument Name : Nexis GC2030
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Batch File :C:\LabSolutions\Data\3-21-22\3-21-22.gcb
Date Acquired :3/21/2022 3:32:02 PM
Date Created :3/21/2022 3:29:06 PM
Date Modified :3/22/2022 9:35:55 AM



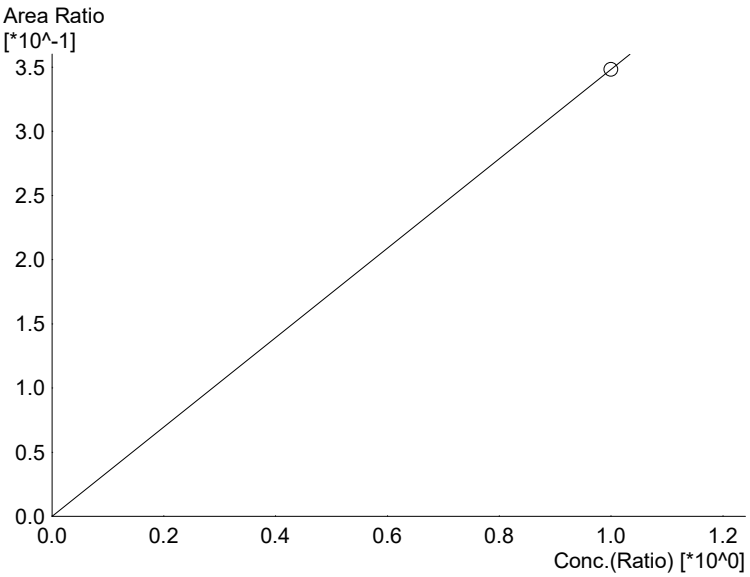
Name : Methanol
Detector Name: FID1
Function : f(x)=0.0738984*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	33465	1.0000



Name : Ethanol
Detector Name: FID1
Function : f(x)=2.04960*x+0
R^2 value= 0.9999039
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
1	0.050	18285	0.0480
2	0.100	34961	0.0954
3	0.200	71761	0.1958
4	0.300	111378	0.2986
5	0.500	187477	0.5035



Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.348144*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

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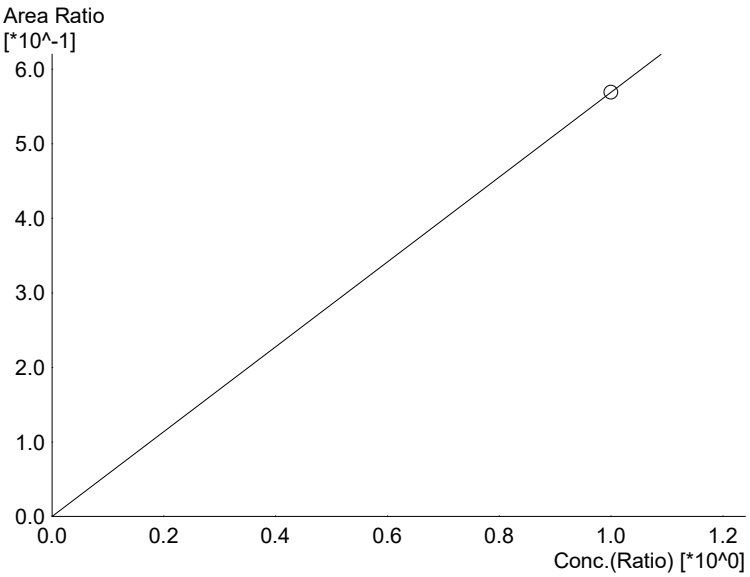
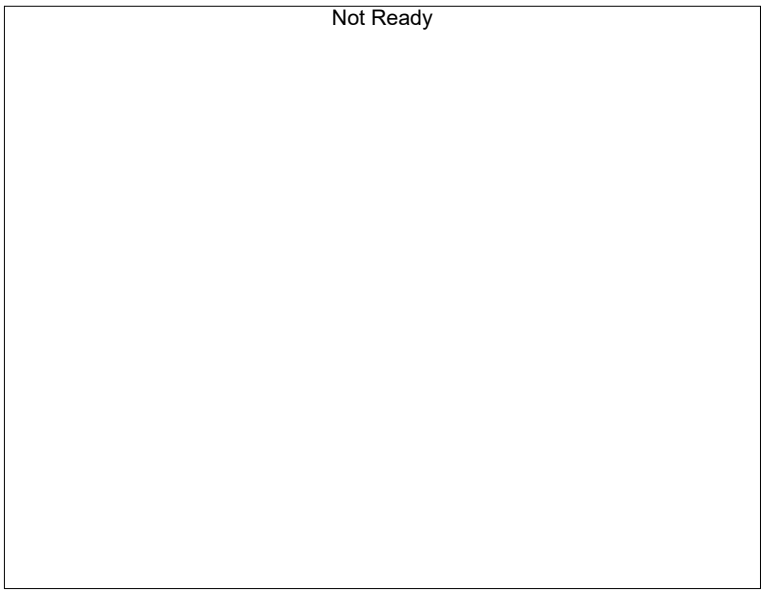
#	Conc.	Area	Std. Conc.
6	1.000	157657	1.0000



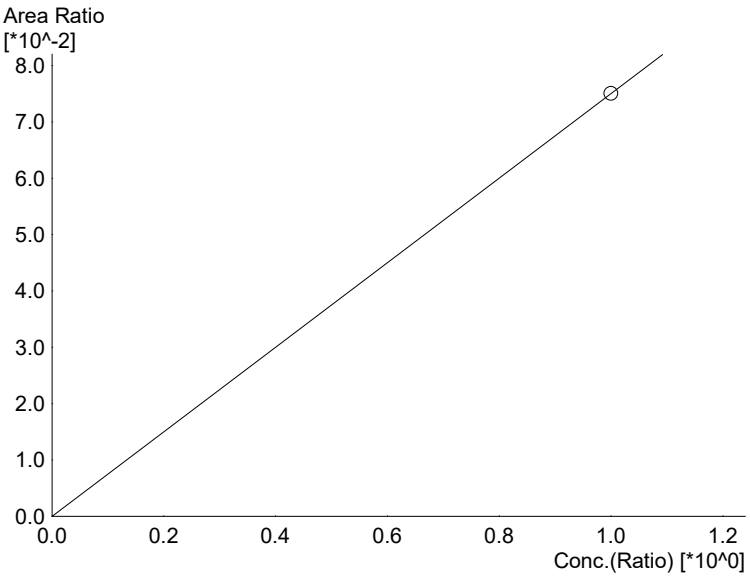
Name : Acetone
Detector Name: FID1
Function : f(x)=0.569094*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	257714	1.0000



Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Through

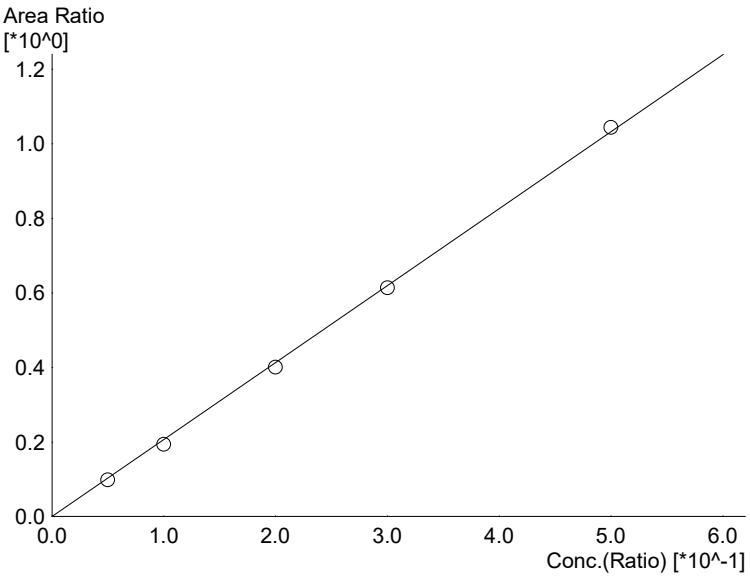
#	Conc.	Area	Std. Conc.



Name : Methanol
Detector Name: FID2
Function : f(x)=0.0750363*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

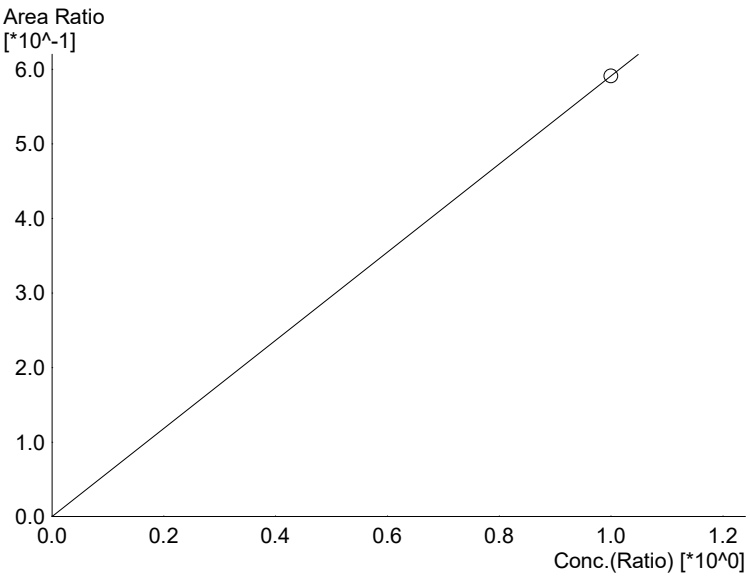
99

#	Conc.	Area	Std. Conc.
6	1.000	37266	1.0000



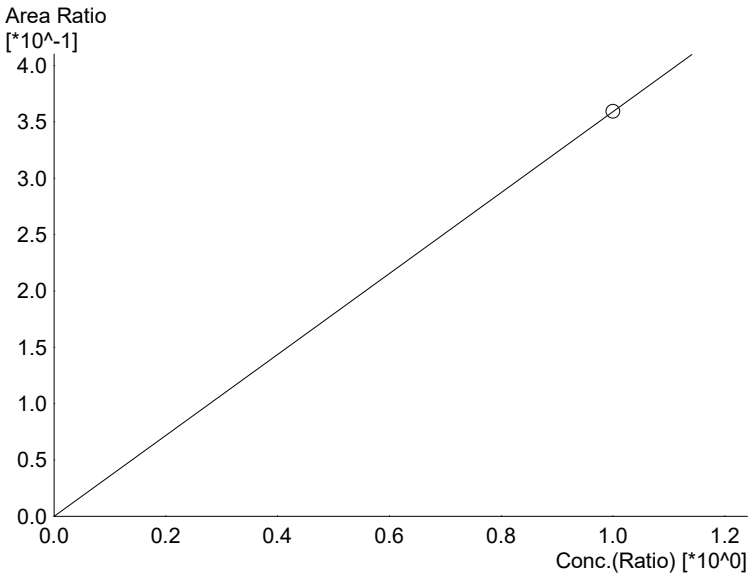
Name : Ethanol
Detector Name: FID2
Function : f(x)=2.06480*x+0
R^2 value= 0.9997668
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
1	0.050	19879	0.0475
2	0.100	37530	0.0937
3	0.200	77738	0.1941
4	0.300	121029	0.2972
5	0.500	205392	0.5054



Name : Acetone
Detector Name: FID2
Function : f(x)=0.590837*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.
6	1.000	293435	1.0000



Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.359345*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Through

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#	Conc.	Area	Std. Conc.
6	1.000	178466	1.0000

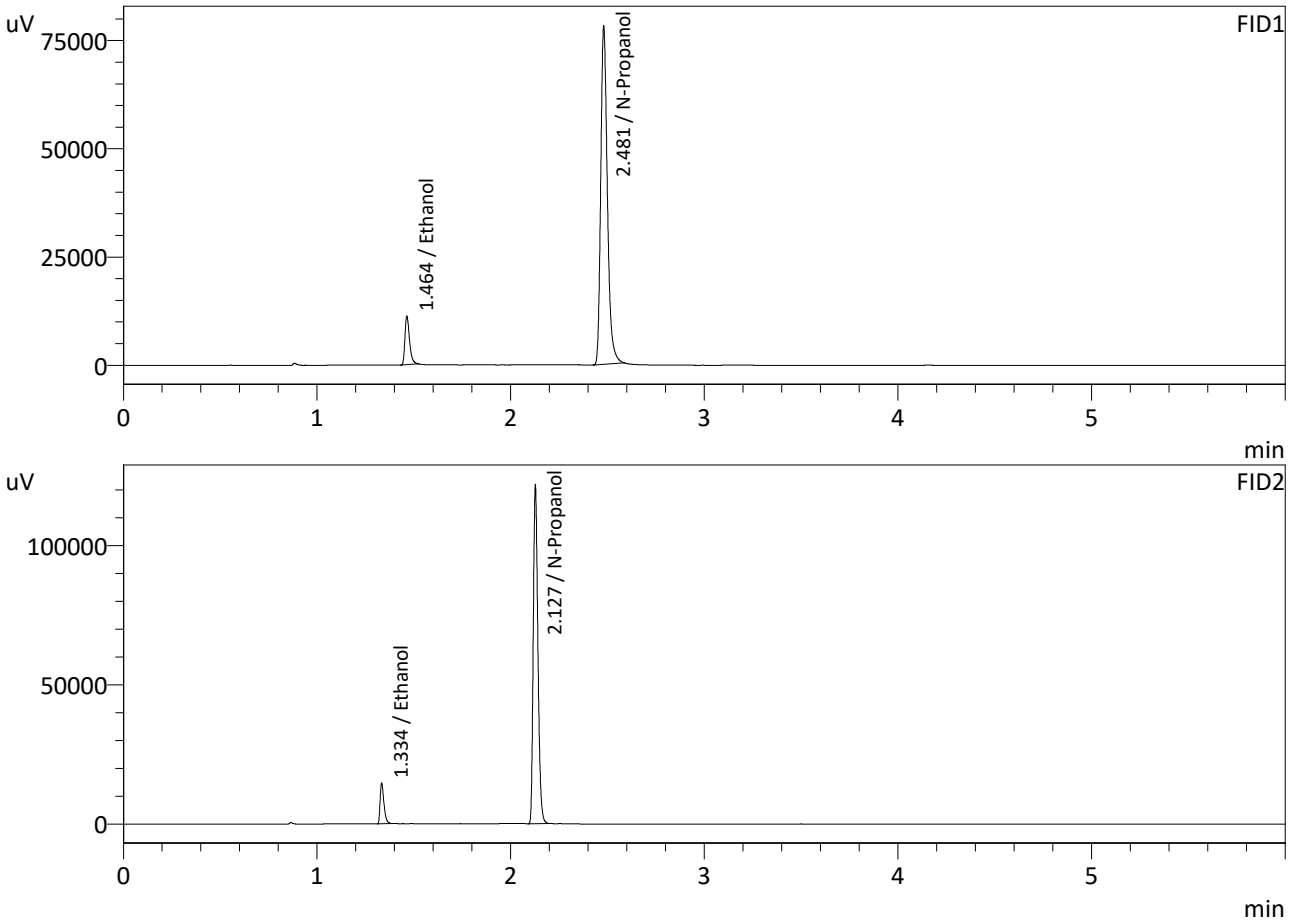
Not Ready

Name : Fluor. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Through

#	Conc.	Area	Std. Conc.

99

Sample Name : 0.050
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 2:55:50 PM
Vial # : 2
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

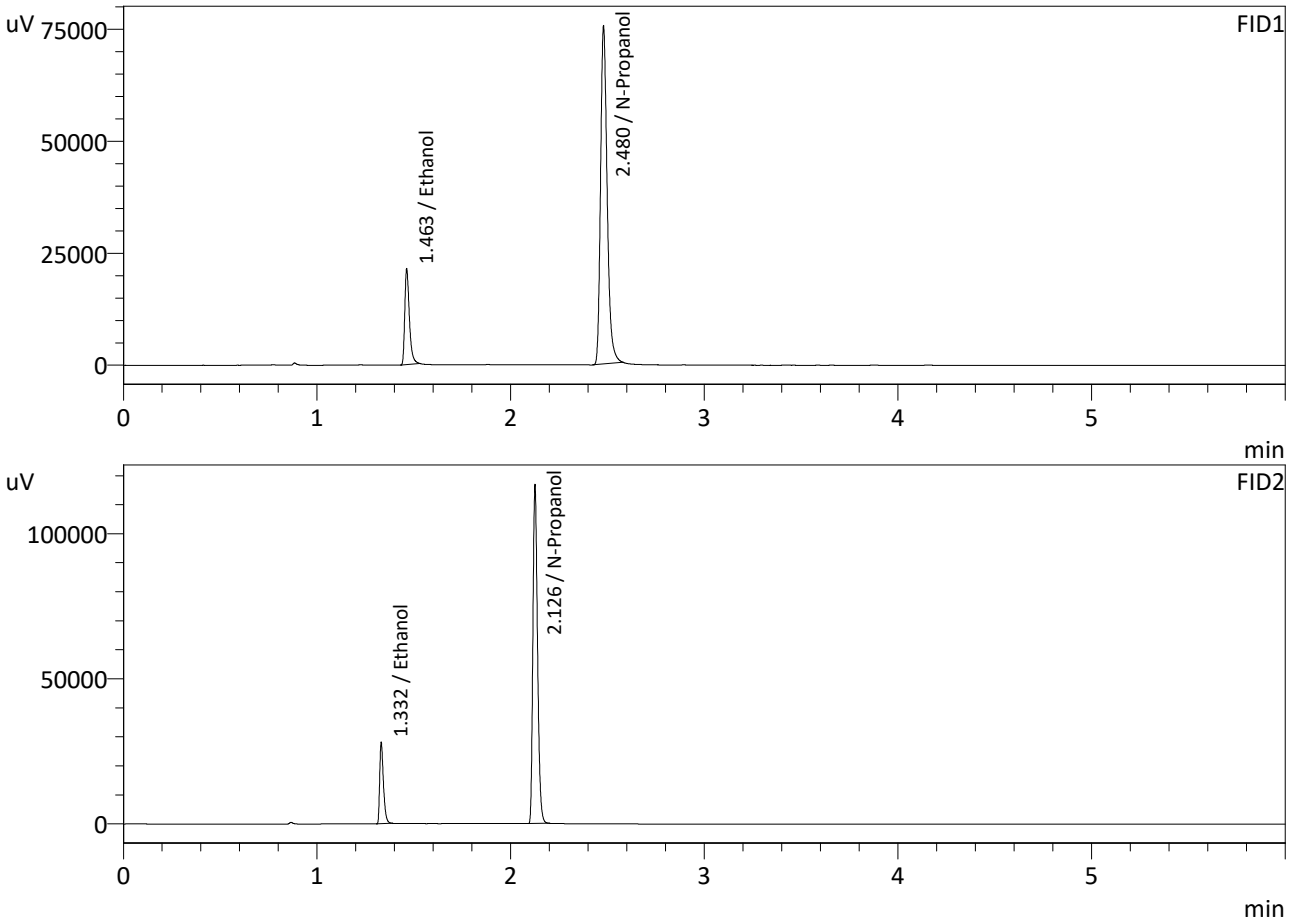
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0480	18285	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	185747	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0475	19879	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	202559	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.100
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 3:04:53 PM
Vial # : 3
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0954	34961	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	178654	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0937	37530	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	193773	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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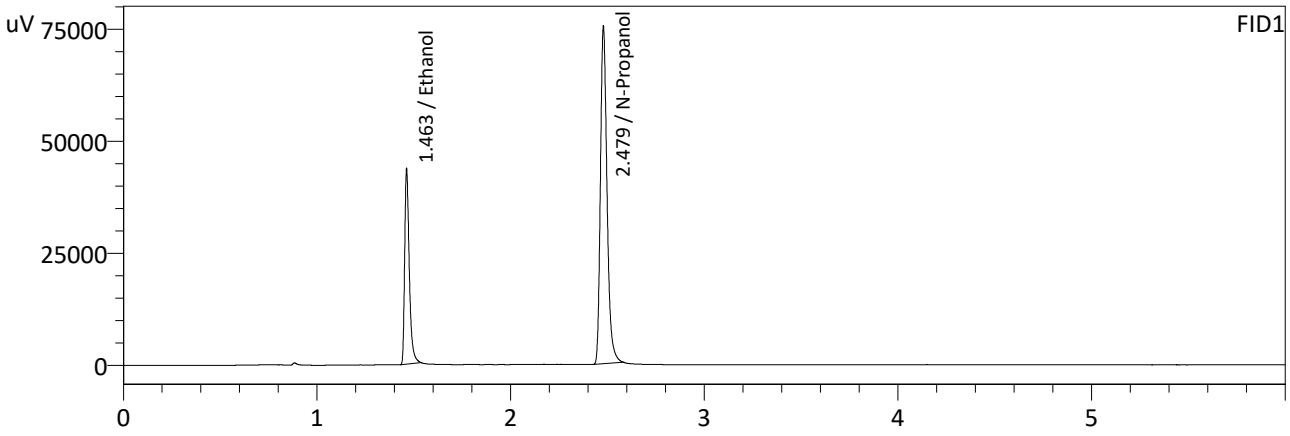
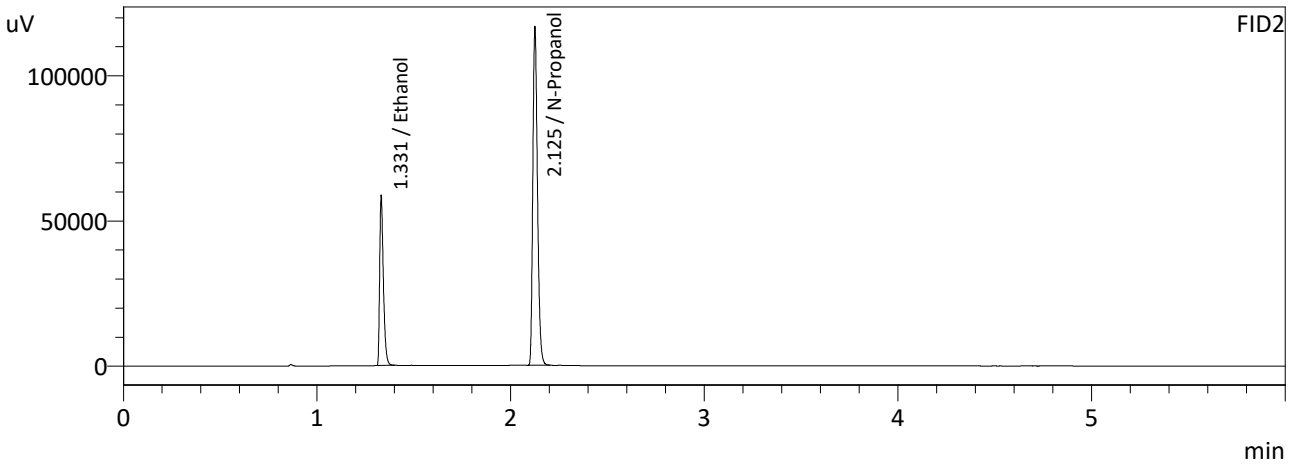
Sample Name : 0.200
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 3:13:55 PM
Vial # : 4
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1958	71761	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	178761	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1941	77738	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	193938	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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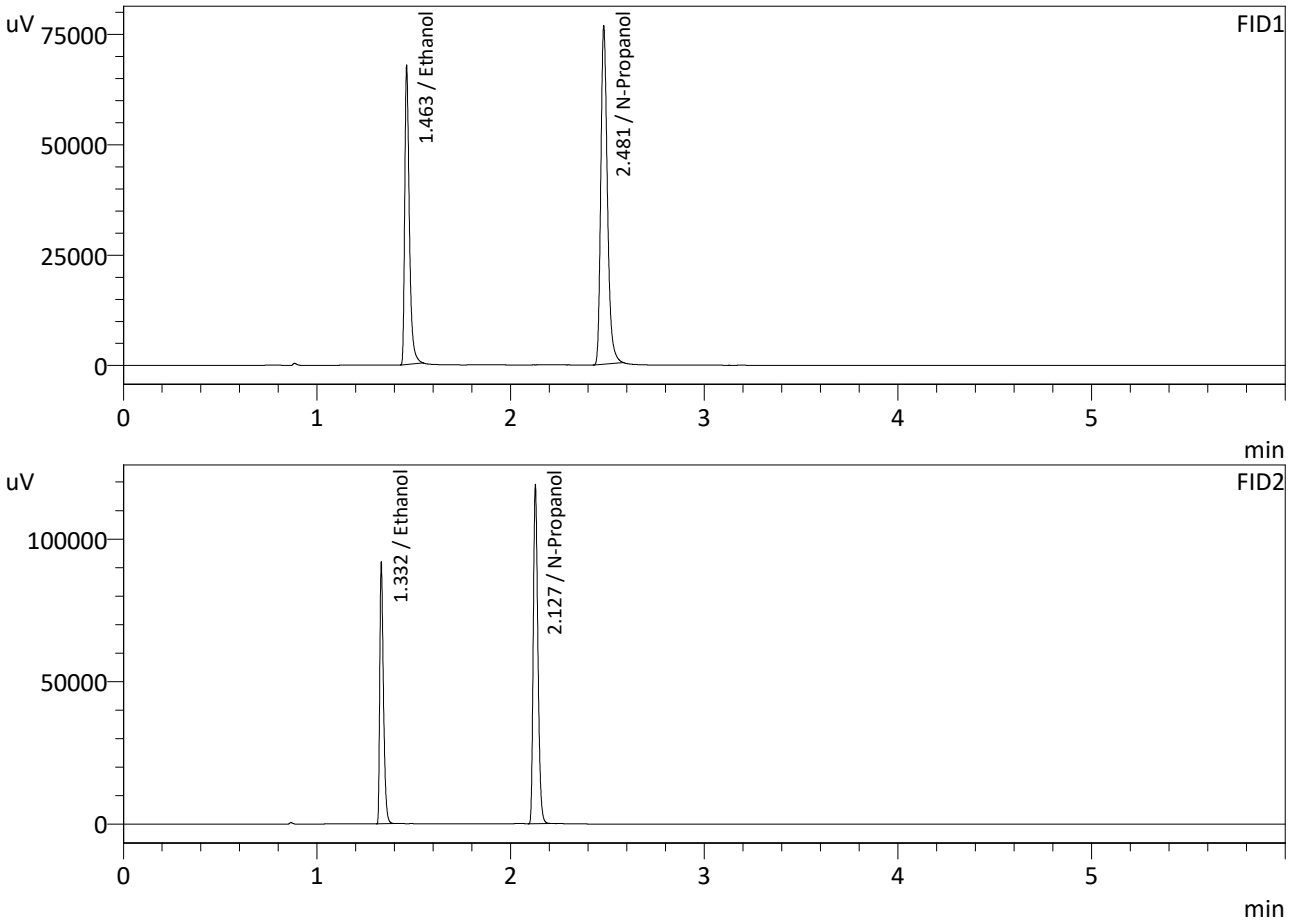
Sample Name : 0.300
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 3:22:58 PM
Vial # : 5
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2986	111378	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181976	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2972	121029	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	197187	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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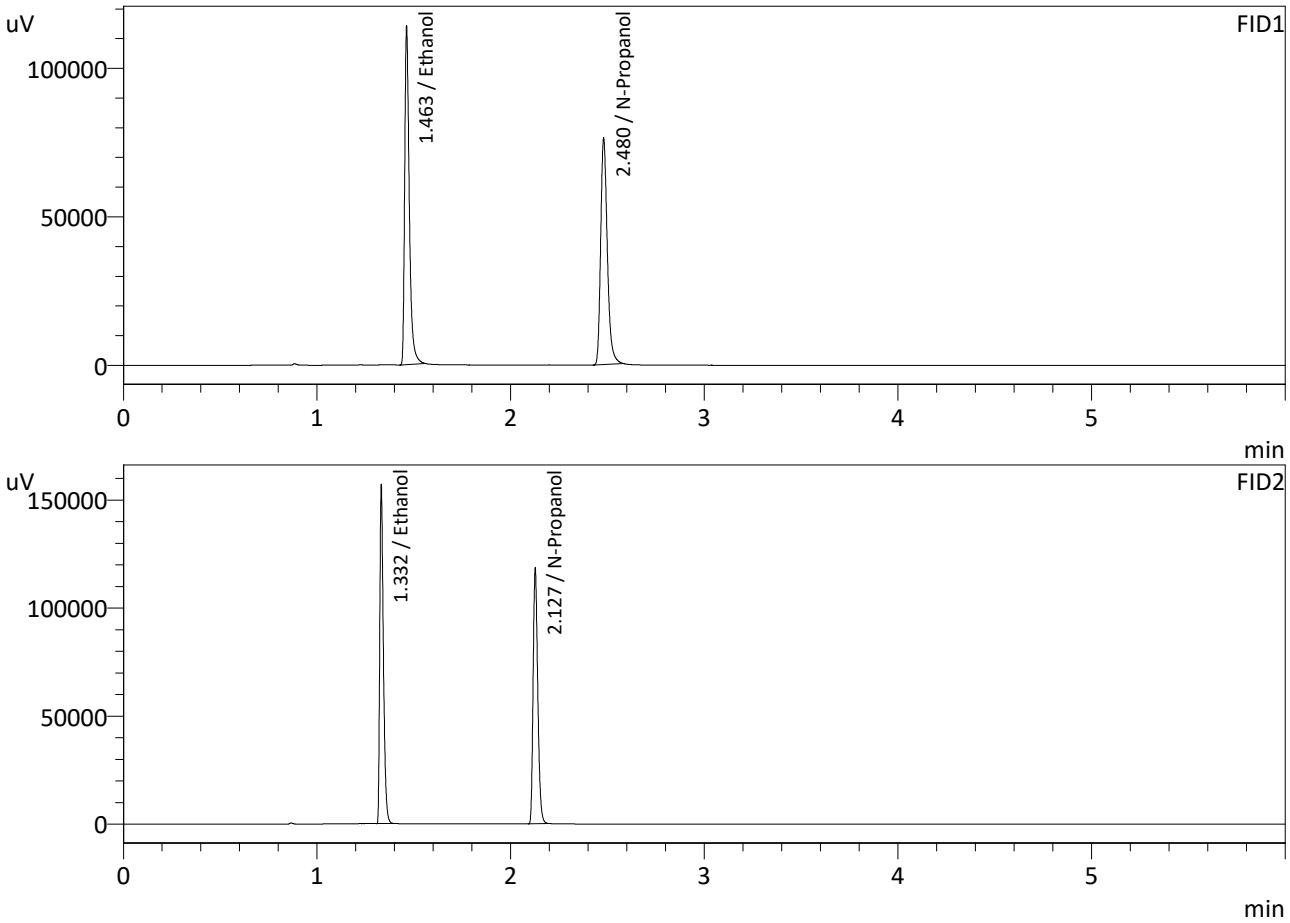
Sample Name : 0.500
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 3:32:02 PM
Vial # : 6
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5035	187477	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	181637	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5054	205392	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	196788	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES BAC CASEFILE WORKSHEET

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Laboratory No.: 0.080 **Item #** **Analysis Date(s): 3/21/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0780	0.0772	0.0008	0.0776	0.0001	0.0776
(g/100cc)	0.0783	0.0771	0.0012	0.0777		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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**

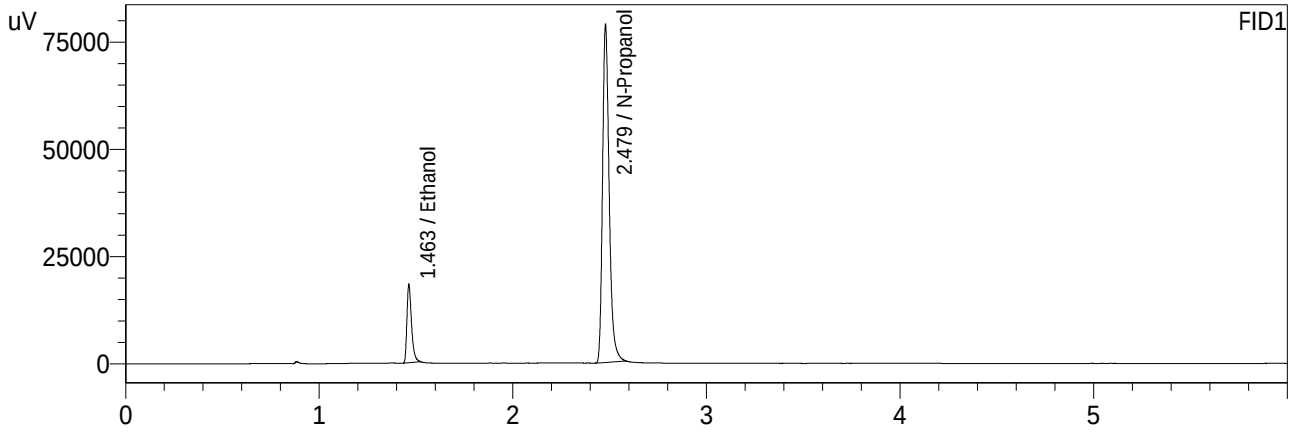
Reported Result

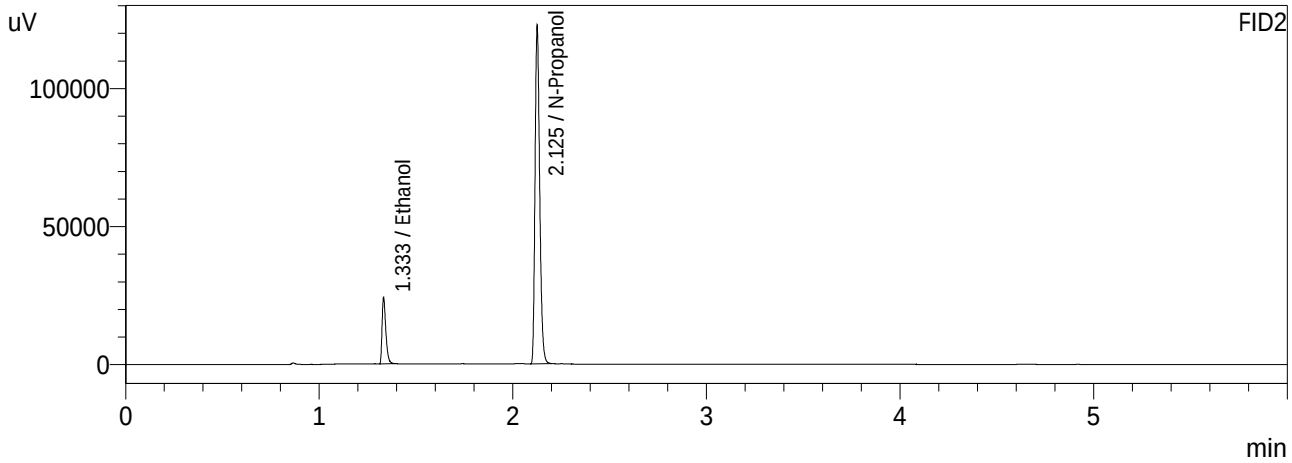
0.077

Calibration and control data are stored centrally.

Sample Name : 0.08 QA - A
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 4:26:18 PM
Vial # : 12
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181

99





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0780	29966	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	187383	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0772	32430	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	203378	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

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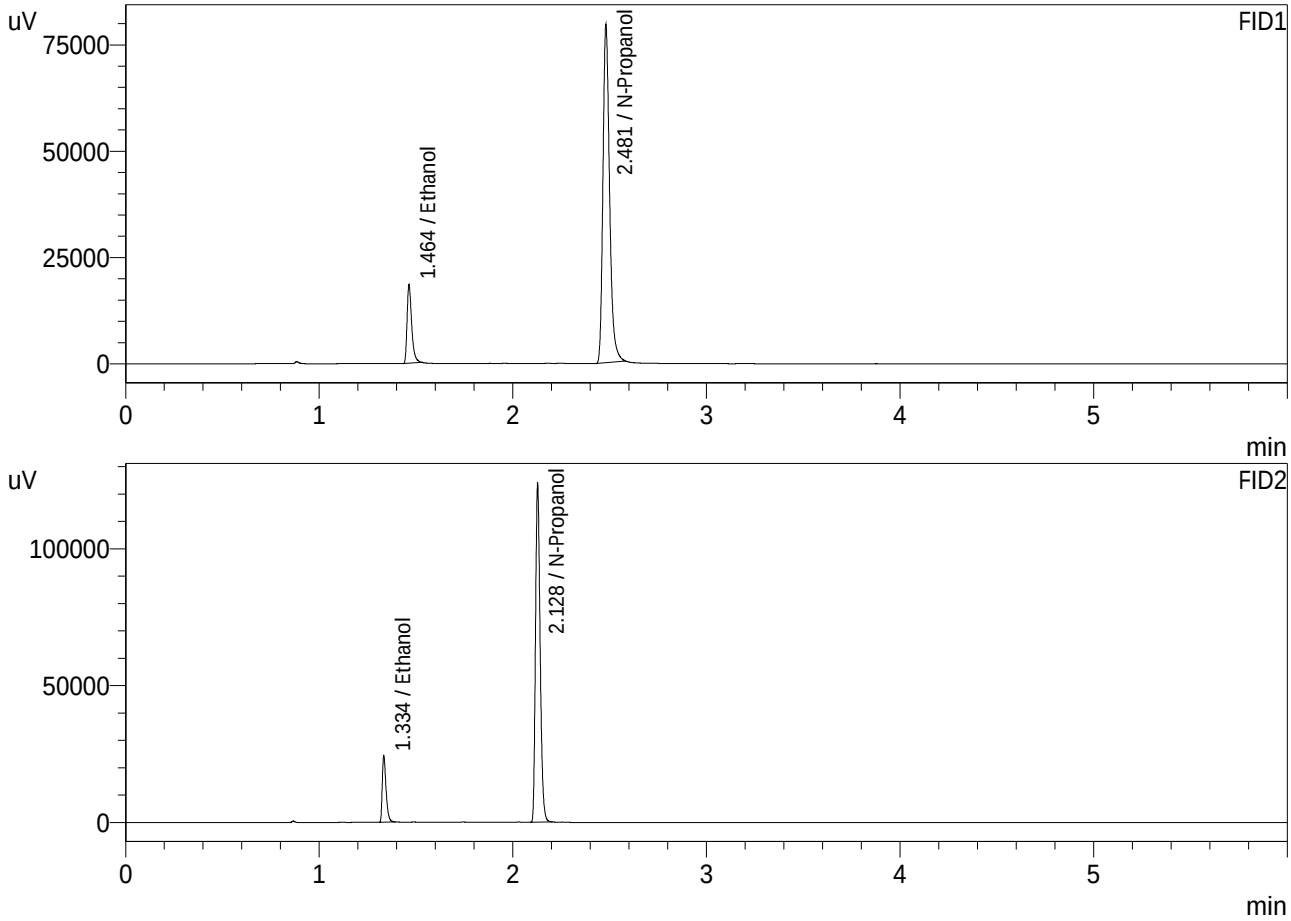
Sample Name : 0.08 QA - B
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 4:35:21 PM
Vial # : 13
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

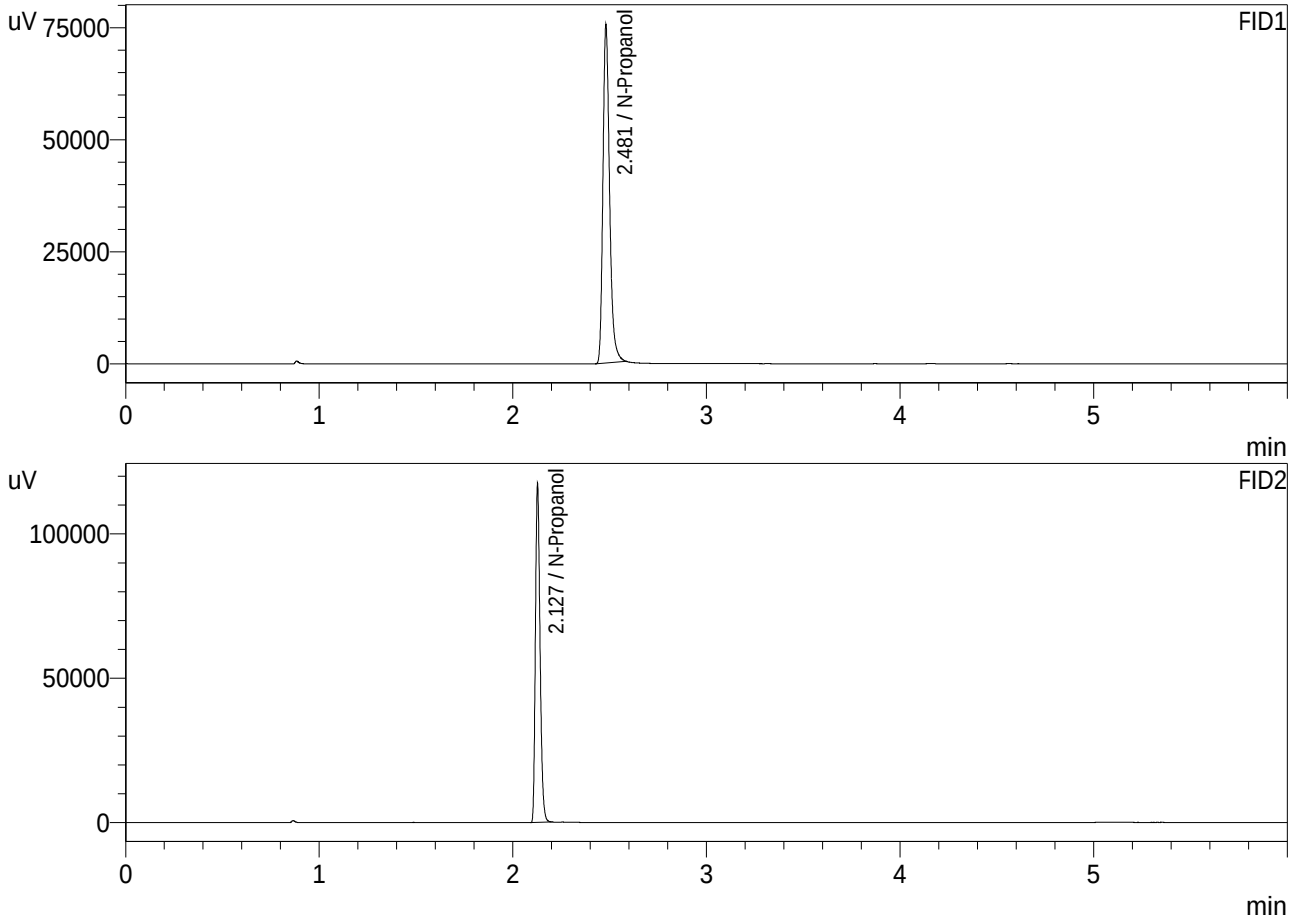
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0783	30388	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	189284	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0771	32765	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	205712	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 2:46:47 PM
Vial # : 1
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181

99



FID1

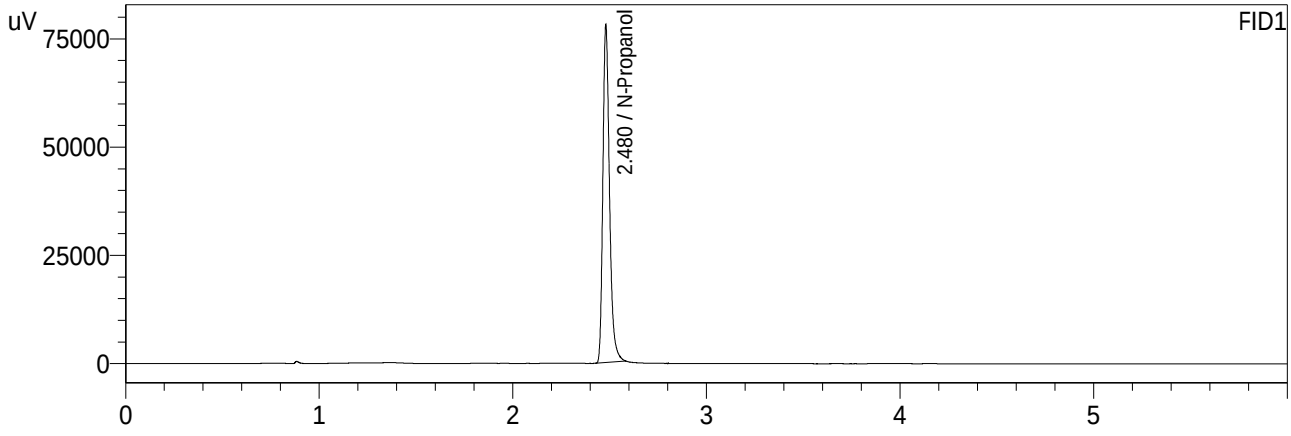
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	179555	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

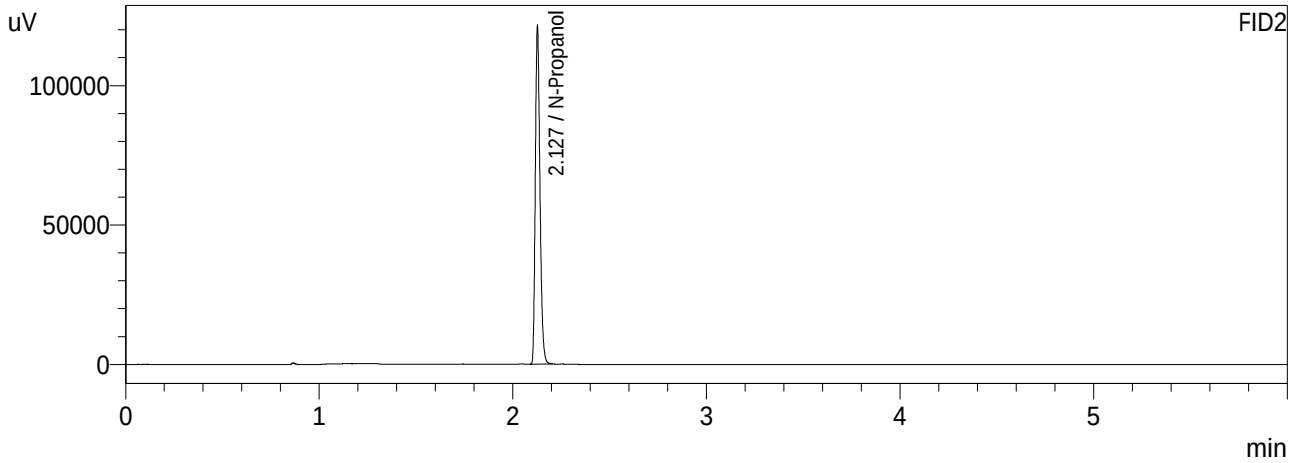
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	195451	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 3:41:04 PM
Vial # : 7
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181

99





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	185427	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	201314	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 3
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 3:59:10 PM
Vial # : 9
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181

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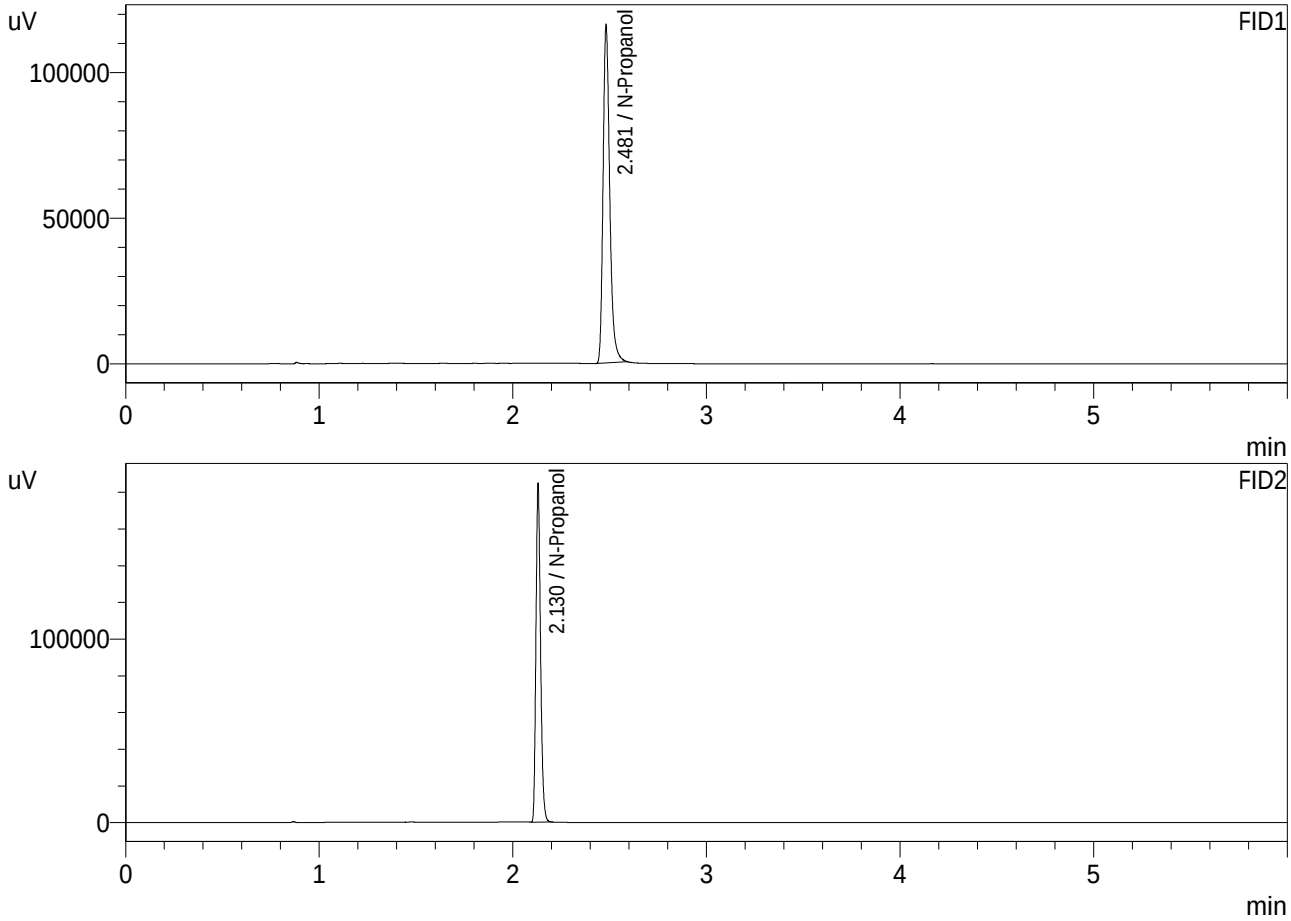


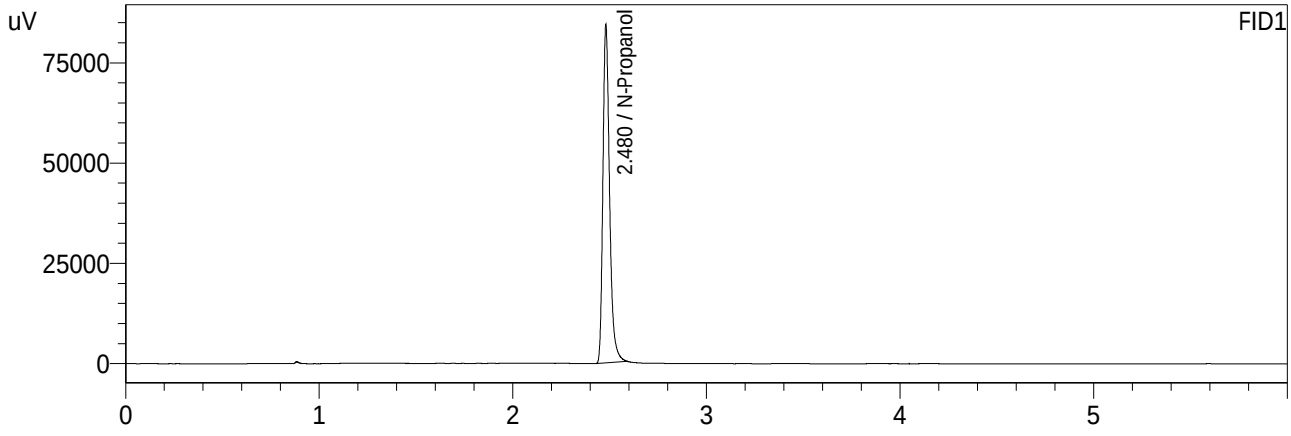
FID1

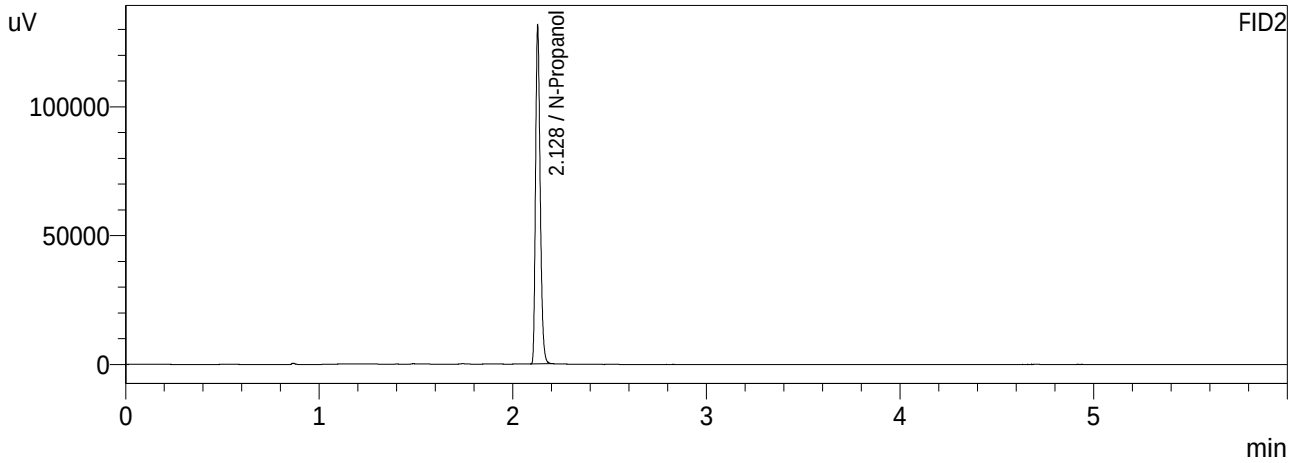
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	277108	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	304069	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : INT STD BLK 4
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 8:58:08 PM
Vial # : 42
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	201287	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	218148	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : MULTI-COMP MIX
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 3:50:07 PM
Vial # : 8
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181

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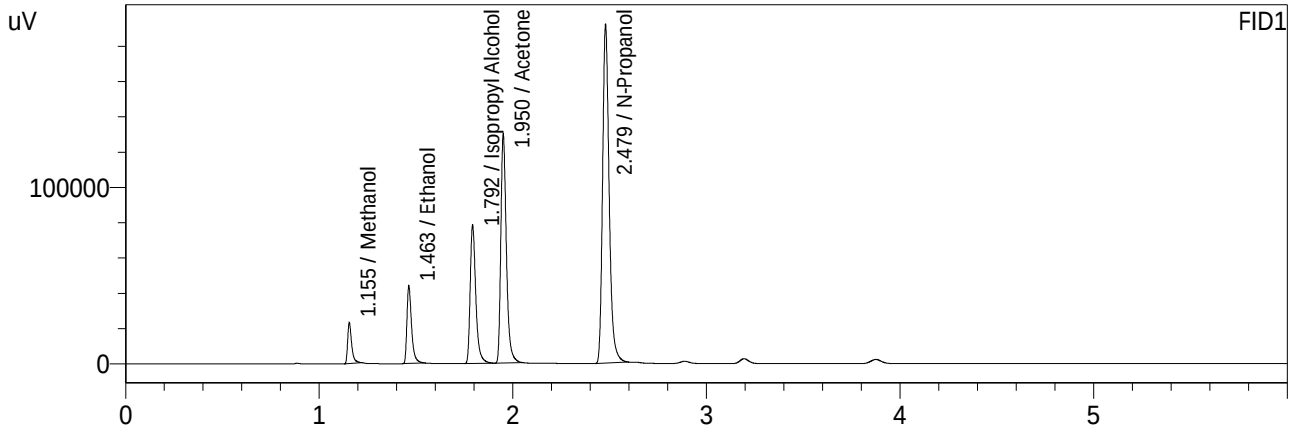

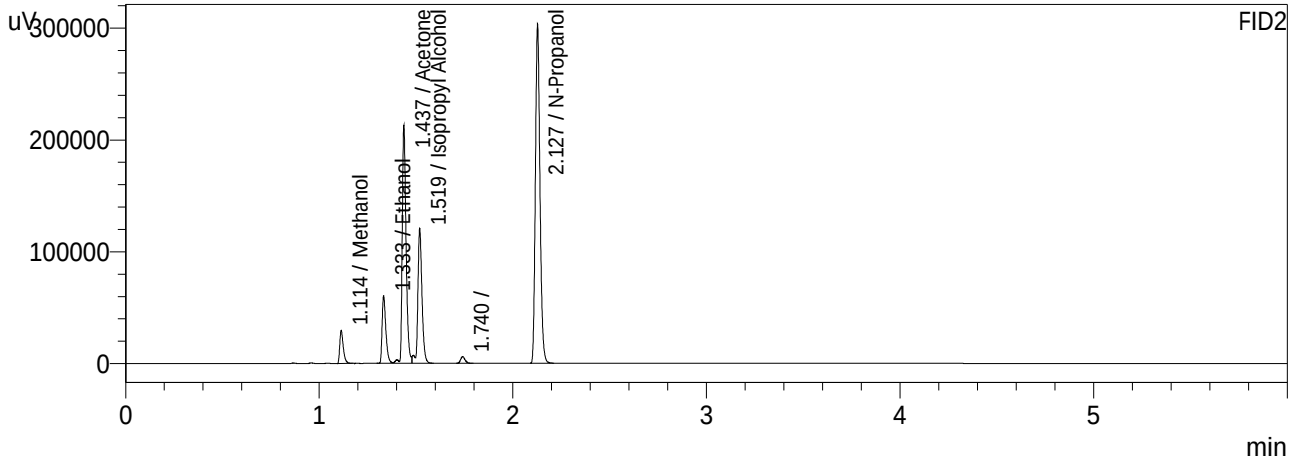

FID1

Name	Conc.	Area	Unit
Methanol	1.0000	33465	g/100cc
Ethanol	0.0788	73219	g/100cc
Isopropyl Alcohol	1.0000	157657	g/100cc
Acetone	1.0000	257714	g/100cc
N-Propanol	0.0000	452850	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	37266	g/100cc
Ethanol	0.0790	81082	g/100cc
Acetone	1.0000	293435	g/100cc
Isopropyl Alcohol	1.0000	178466	g/100cc
N-Propanol	0.0000	496642	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES BAC CASEFILE WORKSHEET

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Laboratory No.: QC1 **Item #1** **Analysis Date(s): 3/21/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0729	0.0718	0.0011	0.0723	0.0001	0.0723
(g/100cc)	0.0729	0.0716	0.0013	0.0722		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.072	**0.068**	**0.076**	**0.004**

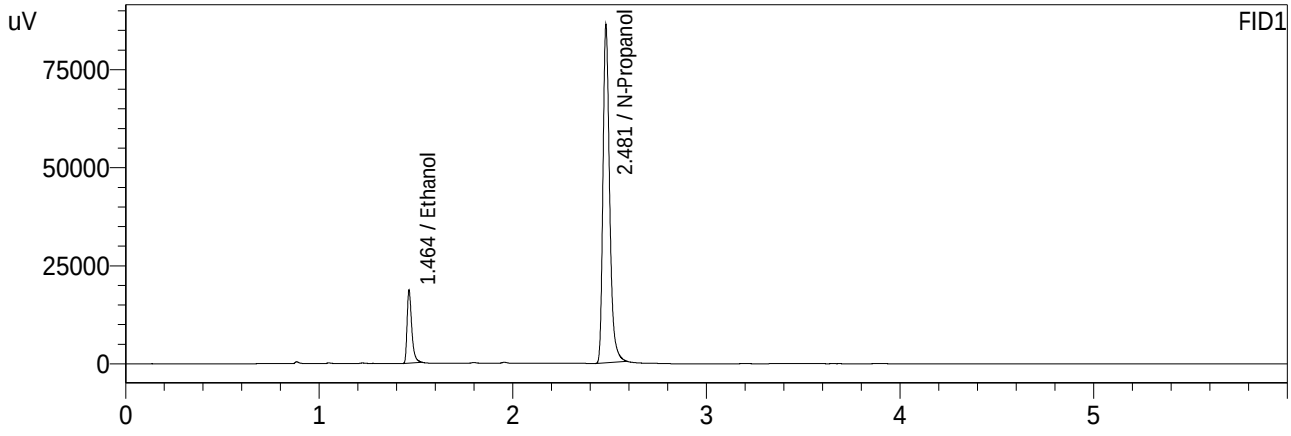
Reported Result

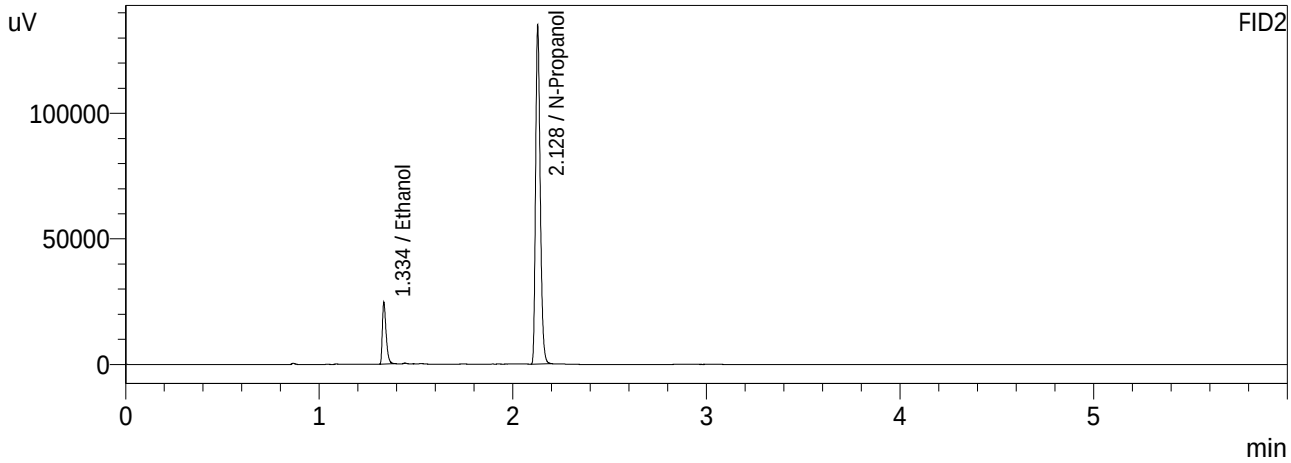
0.072

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 7:27:16 PM
Vial # : 32
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181





FID1

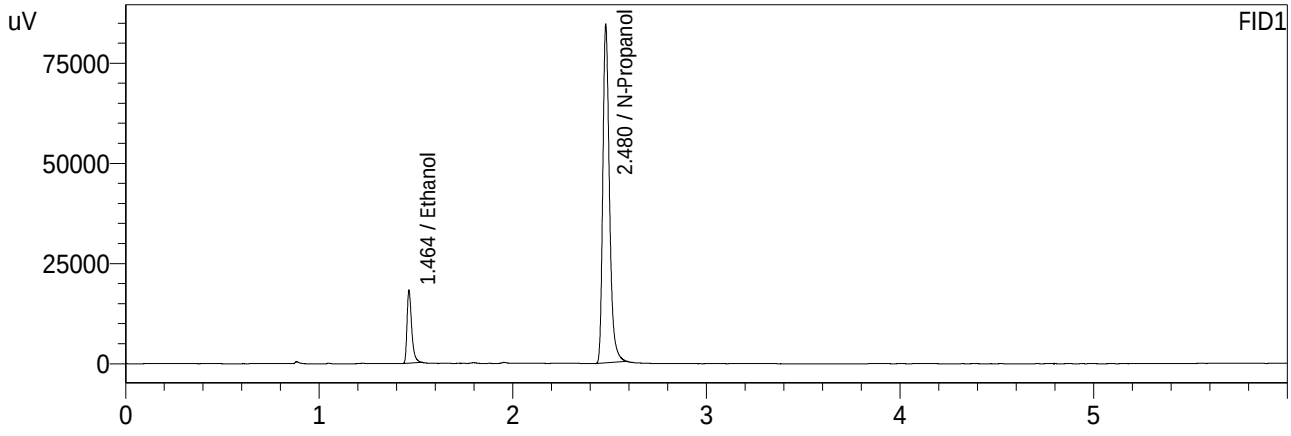
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0729	30786	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	206017	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

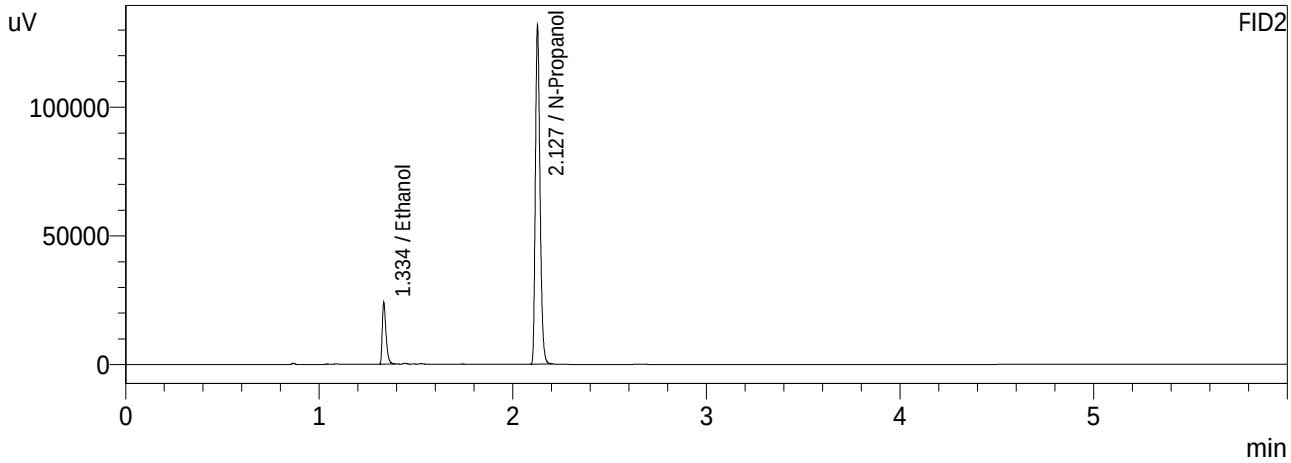
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0718	33179	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	223716	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 7:36:19 PM
Vial # : 33
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181

99





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0729	30178	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	201910	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0716	32324	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	218618	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES BAC CASEFILE WORKSHEET

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Laboratory No.: QC2 **Item #1** **Analysis Date(s): 3/21/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.1993	0.1976	0.0017	0.1984	0.0011	0.1979
(g/100cc)	0.1982	0.1965	0.0017	0.1973		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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**

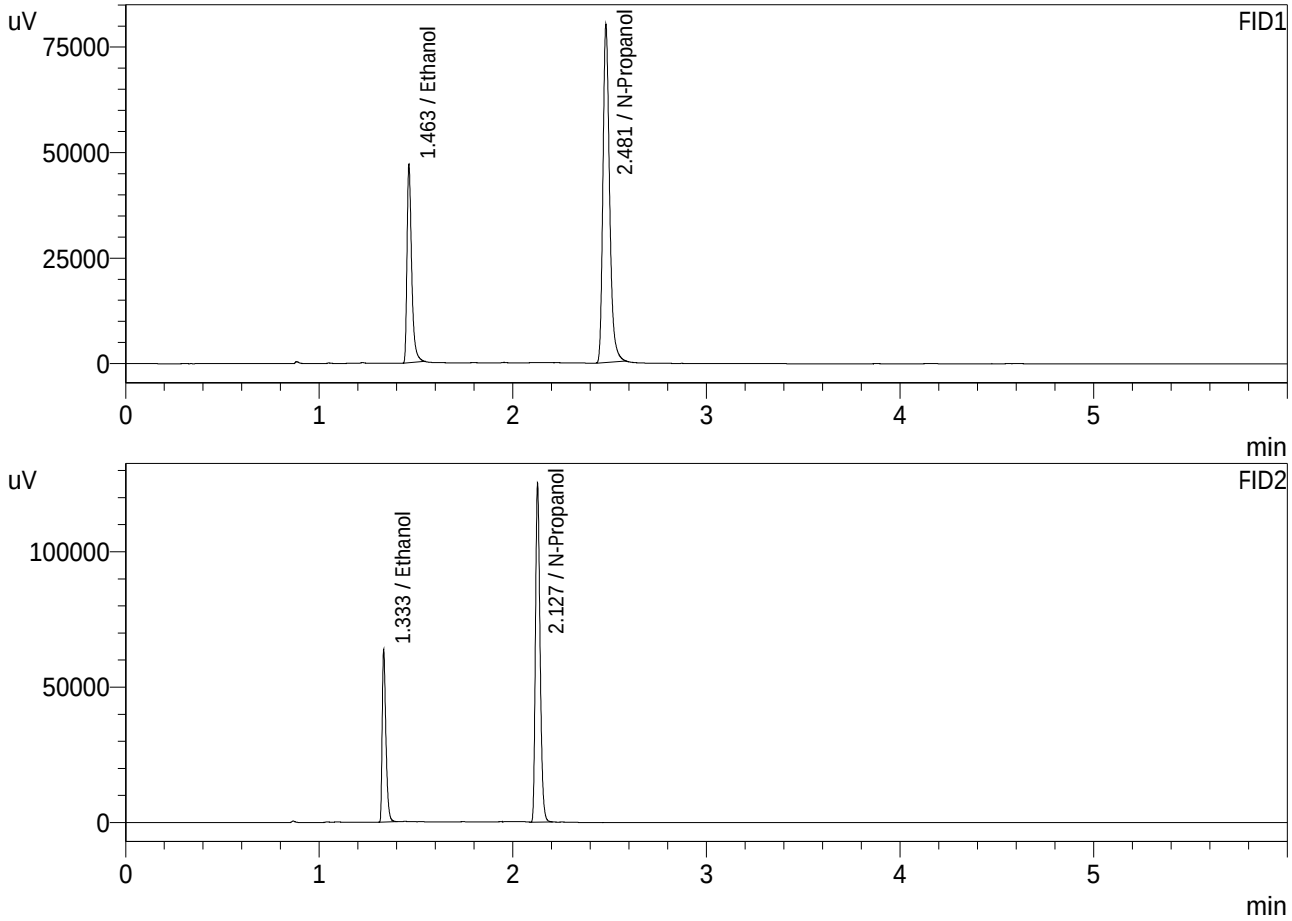
Reported Result

0.197

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1-A
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 4:08:13 PM
Vial # : 10
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

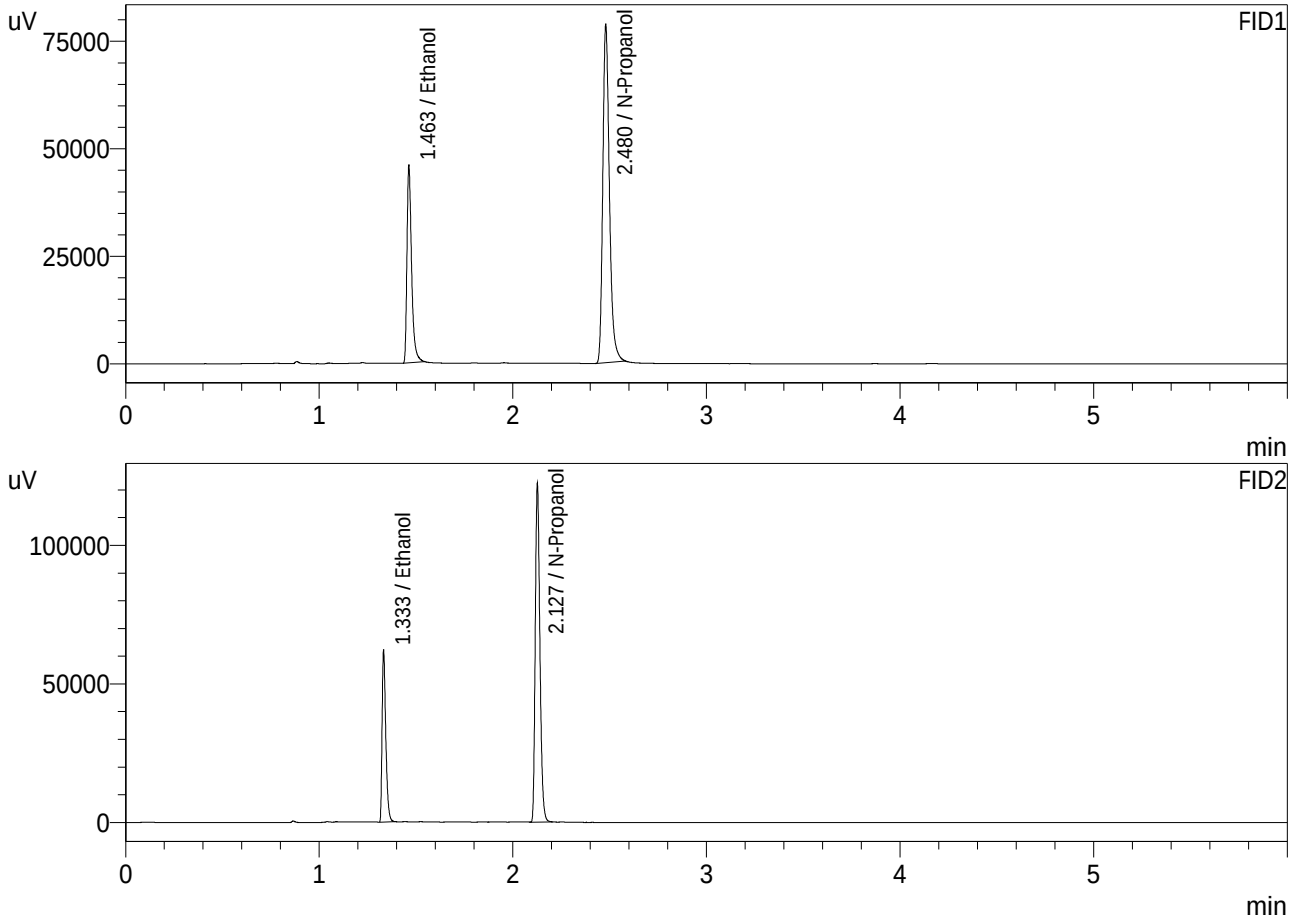
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1993	77845	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	190549	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1976	84694	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	207528	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 4:17:15 PM
Vial # : 11
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1982	76058	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	187163	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1965	82484	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	203220	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

VOLATILES BAC CASEFILE WORKSHEET

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Laboratory No.: QC2 **Item #2** **Analysis Date(s): 3/21/22**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2034	0.2017	0.0017	0.2025	0.0017	0.2016
(g/100cc)	0.2014	0.2002	0.0012	0.2008		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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**

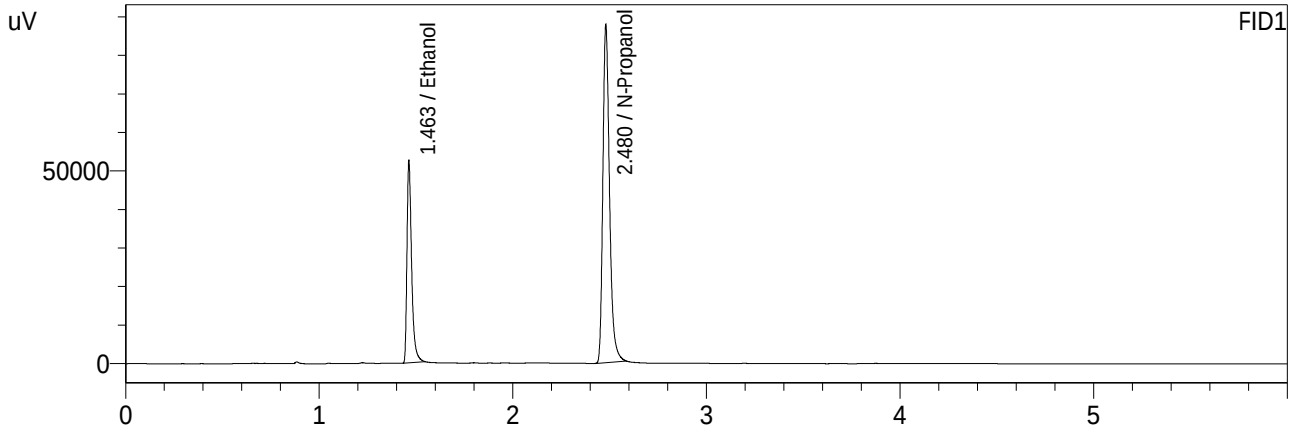
Reported Result

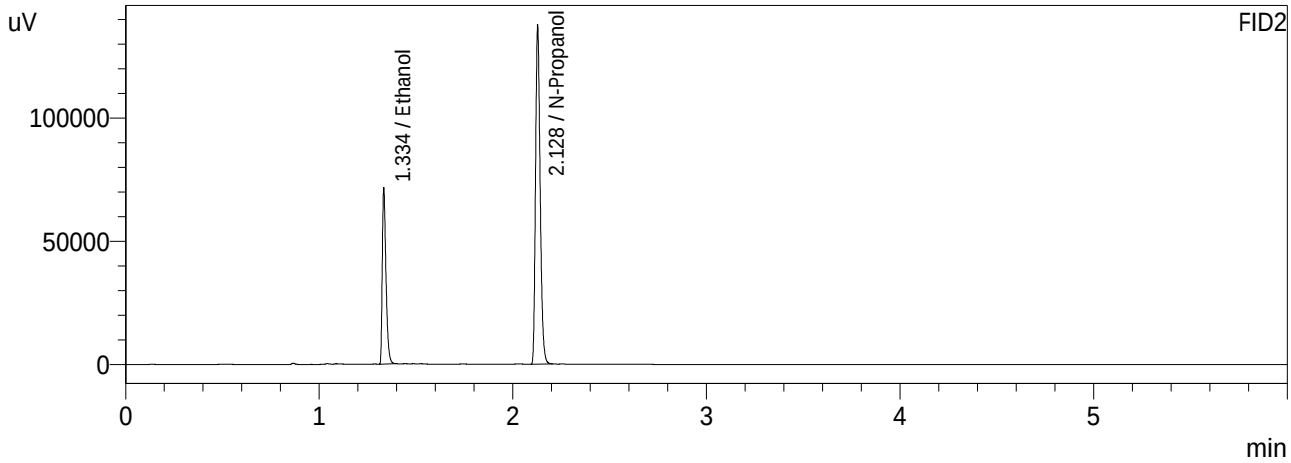
0.201

Calibration and control data are stored centrally.

Sample Name : QC-2-2-A
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 8:39:57 PM
Vial # : 40
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181

99





FID1

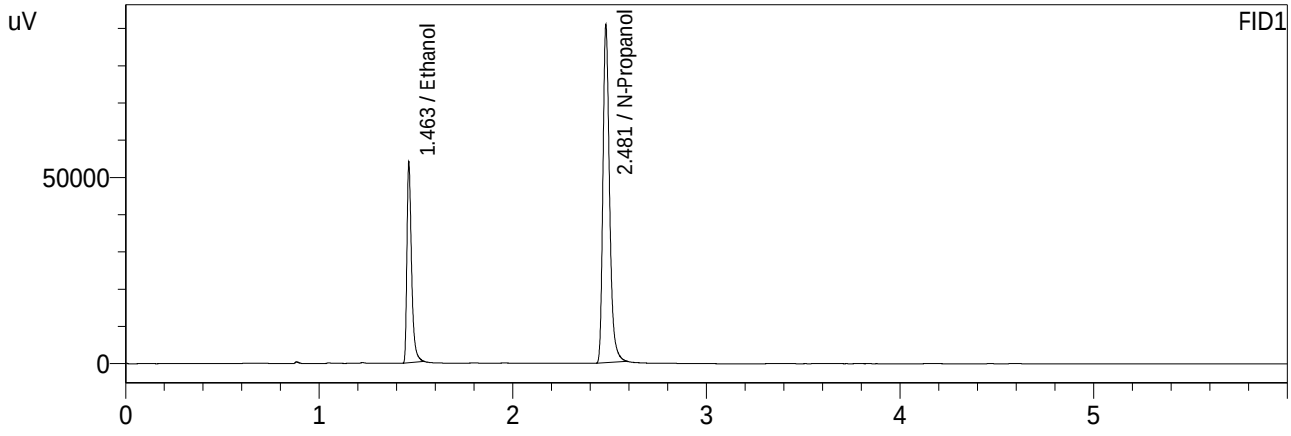
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2034	87512	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	209870	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

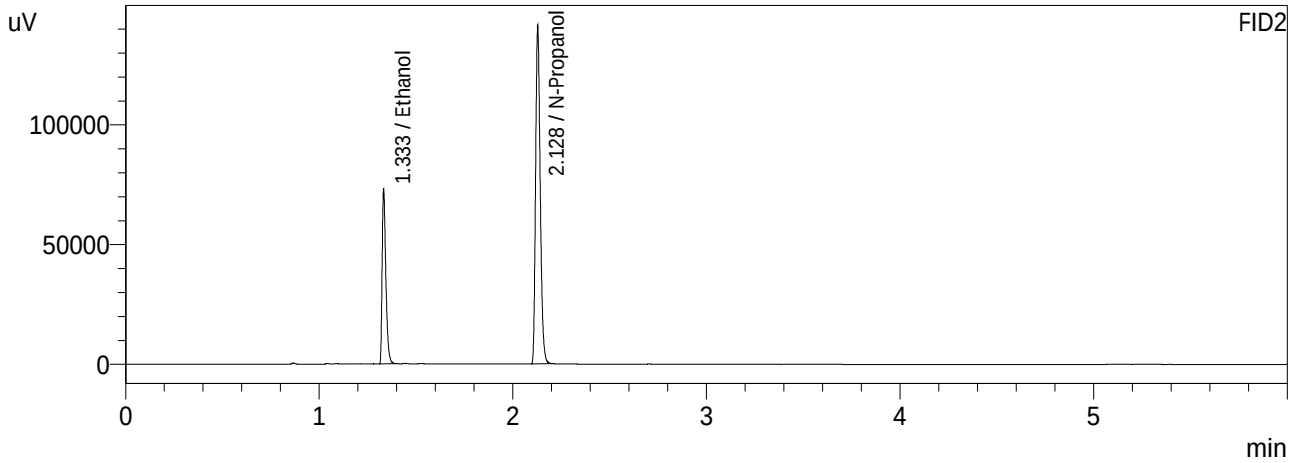
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2017	94980	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	227984	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

Sample Name : QC-2-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 3/21/2022 8:49:03 PM
Vial # : 41
Method Filename : C:\LabSolutions\Data\3-21-22\ALCOHOL (short).GCM
Instrument #GC/HS : C12255850700 / C12595700181

99





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2014	89293	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	216231	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2002	97039	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	234703	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc