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4/3/2023

Worklist: 6309

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2023-0581	1	BCK	Alcohol Analysis
C2023-0597	1	BCK	Alcohol Analysis
C2023-0606	1	CBUK	Alcohol Analysis
C2023-0643	1	BCK	Alcohol Analysis
C2023-0644	1	BCK	Alcohol Analysis
C2023-0645	1	BCK	Alcohol Analysis
C2023-0685	1	BCK	Alcohol Analysis
C2023-0700	1	BCK	Alcohol Analysis
C2023-0702	1	BCK	Alcohol Analysis
C2023-0705	1	BCK	Alcohol Analysis
C2023-0707	1	BCK	Alcohol Analysis
C2023-0708	1	BCK	Alcohol Analysis
C2023-0714	1	BCK	Alcohol Analysis

Region 1 CDA Blood Alcohol Analysis Batch Table

Shimadzu GC-2030 Serial #C12255850700
Shimadzu HS-20 Serial #C12595700181
Lab Solutions DB Software Ver. 6.111

Vial#	Sample Name	Sample Type	Level#	Method File
78	INT STD BLK 5	0:Unknown	0	ALCOHOL.gcm
79	INT STD BLK 6	0:Unknown	0	ALCOHOL.gcm
80	INT STD BLK 7	0:Unknown	0	ALCOHOL.gcm
81	INT STD BLK 8	0:Unknown	0	ALCOHOL.gcm
82	INT STD BLK 9	0:Unknown	0	ALCOHOL.gcm
83	INT STD BLK 10	0:Unknown	0	ALCOHOL.gcm
1	INT STD BLK 1	0:Unknown	0	ALCOHOL.gcm
2	0.050	1:Standard:(R)	1	ALCOHOL.gcm
3	0.100	1:Standard:(R)	2	ALCOHOL.gcm
4	0.200	1:Standard:(R)	3	ALCOHOL.gcm
5	0.400	1:Standard:(R)	4	ALCOHOL.gcm
6	0.500	1:Standard:(R)	5	ALCOHOL.gcm
7	INT STD BLK 2	0:Unknown	0	ALCOHOL.gcm
8	MULTI-COMP MIX	1:Standard:(R)	6	ALCOHOL.gcm
9	INT STD BLK 3	0:Unknown	0	ALCOHOL.gcm
10	QC-2-1	0:Unknown	0	ALCOHOL.gcm
11	QC-2-1-B	0:Unknown	0	ALCOHOL.gcm
12	0.08 QA	0:Unknown	0	ALCOHOL.gcm
13	0.08 QA - B	0:Unknown	0	ALCOHOL.gcm
14	C2023-0581-1	0:Unknown	0	ALCOHOL.gcm
15	C2023-0581-1-B	0:Unknown	0	ALCOHOL.gcm
16	C2023-0597-1	0:Unknown	0	ALCOHOL.gcm
17	C2023-0597-1-B	0:Unknown	0	ALCOHOL.gcm
18	C2023-0606-1	0:Unknown	0	ALCOHOL.gcm
19	C2023-0606-1-B	0:Unknown	0	ALCOHOL.gcm
20	C2023-0643-1	0:Unknown	0	ALCOHOL.gcm
21	C2023-0643-1-B	0:Unknown	0	ALCOHOL.gcm
22	C2023-0644-1	0:Unknown	0	ALCOHOL.gcm
23	C2023-0644-1-B	0:Unknown	0	ALCOHOL.gcm
24	C2023-0645-1	0:Unknown	0	ALCOHOL.gcm
25	C2023-0645-1-B	0:Unknown	0	ALCOHOL.gcm
26	C2023-0685-1	0:Unknown	0	ALCOHOL.gcm
27	C2023-0685-1-B	0:Unknown	0	ALCOHOL.gcm
28	C2023-0700-1	0:Unknown	0	ALCOHOL.gcm
29	C2023-0700-1-B	0:Unknown	0	ALCOHOL.gcm
30	C2023-0702-1	0:Unknown	0	ALCOHOL.gcm
31	C2023-0702-1-B	0:Unknown	0	ALCOHOL.gcm
32	QC-1-1	0:Unknown	0	ALCOHOL.gcm
33	QC-1-1-B	0:Unknown	0	ALCOHOL.gcm
34	C2023-0705-1	0:Unknown	0	ALCOHOL.gcm
35	C2023-0705-1-B	0:Unknown	0	ALCOHOL.gcm
36	C2023-0707-1	0:Unknown	0	ALCOHOL.gcm
37	C2023-0707-1-B	0:Unknown	0	ALCOHOL.gcm
38	C2023-0708-1	0:Unknown	0	ALCOHOL.gcm
39	C2023-0708-1-B	0:Unknown	0	ALCOHOL.gcm
40	C2023-0714-1	0:Unknown	0	ALCOHOL.gcm
41	C2023-0714-1-B	0:Unknown	0	ALCOHOL.gcm
42	QC-1-2	0:Unknown	0	ALCOHOL.gcm
43	QC-1-2-B	0:Unknown	0	ALCOHOL.gcm
44	INT STD BLK 4	0:Unknown	0	ALCOHOL.gcm

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):** **4/4/2023**

Calibration Date: *(if different)*

Worklist #: **6309**

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0825 g/100cc
					0.0829 g/100cc
					g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953 - 0.2387	0.2013 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	**Exp:**	July 31, 2024	**Lot #**	FN04231907		OK
Curve Fit:			**Column 1**	0.99955	**Column2**	0.99943

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0539	0.0546	0.0007	0.0542
100	0.100	0.090 - 0.110	0.0999	0.0997	0.0002	0.0998
200	0.200	0.180 - 0.220	0.1953	0.1945	0.0008	0.1949
300	0.300	0.270 - 0.330			0	#DIV/0!
400	0.400	0.360 - 0.440	0.3965	0.3964	0.0001	0.3964
500	0.500	0.450 - 0.550	0.5042	0.5045	0.0003	0.5043

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.082 g/100cc

REVIEWED
By Rachel Cutler at 9:32 am, Apr 06, 2023

Internal Standard Monitoring Worksheet

Worklist #:	6309	Run Date(s):	4/4/2023

Internal Standard Solution: Lot# A014463901	Prep Date: 3/14/2023	Exp Date: 9/14/2023

Sample Name	Column 1 Value	Column 2 Value
0.080	267429	289093
0.080	273811	296856
QC1	298771	324769
QC1	286974	311776
QC1	299149	324909
QC1	308400	335381
QC1		
QC1		
QC2	273110	295874
QC2	270250	292964
QC2		
QC2		
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	284736.8	227789.4	341684.1
Column 2	308952.8	247162.2	370743.3

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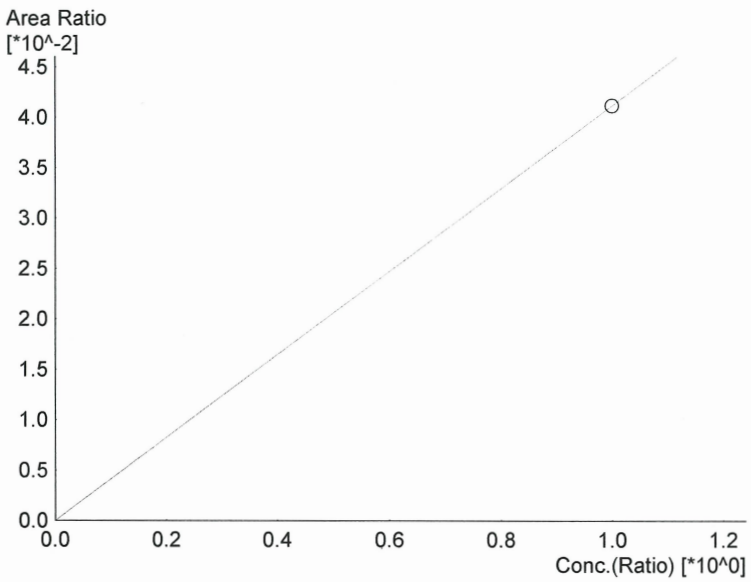
Calibration Table

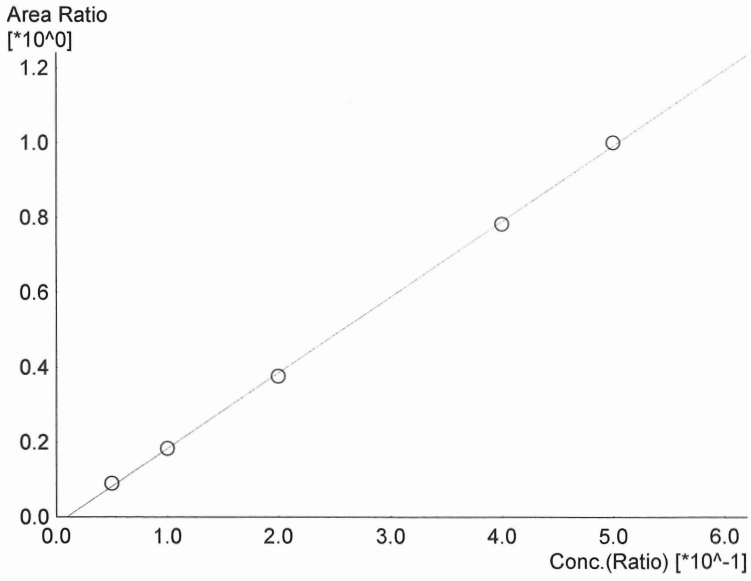
Laboratory : Coeur d' Alene
Instrument Name : BML8F33-Instrument1
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :Default Project - ALCOHOL.gcm
Batch File :Default Project - 4-4-23.gcb
Date Acquired :4/4/2023 12:18:54 PM
Date Created :4/4/2023 12:16:17 PM
Date Modified :4/4/2023 12:24:57 PM



Name : Methanol
Detector Name: FID1
Function : f(x)=0.0411814*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

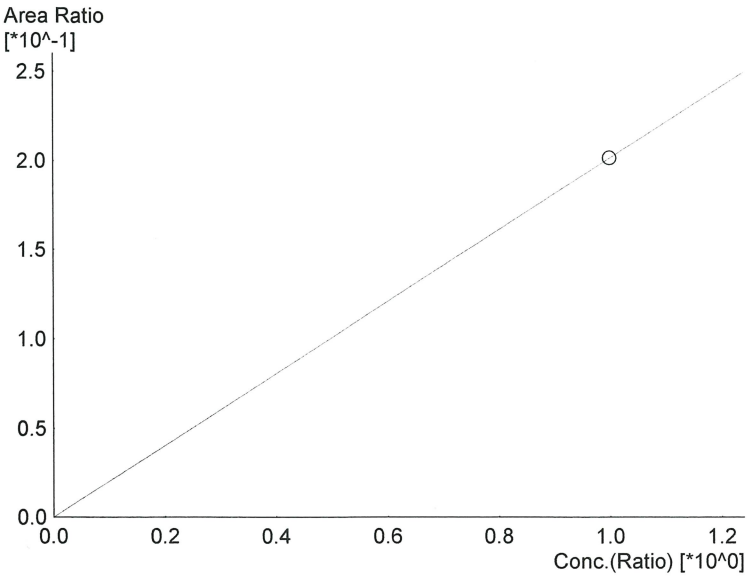
#	Conc.	Area	Std. Conc.
6	1.000	10552	1.0000



Name : Ethanol
Detector Name: FID1
Function : f(x)=2.02557*x-0.0194936
R^2 value= 0.9995521
FitType: Linear
ZeroThrough: Not Through

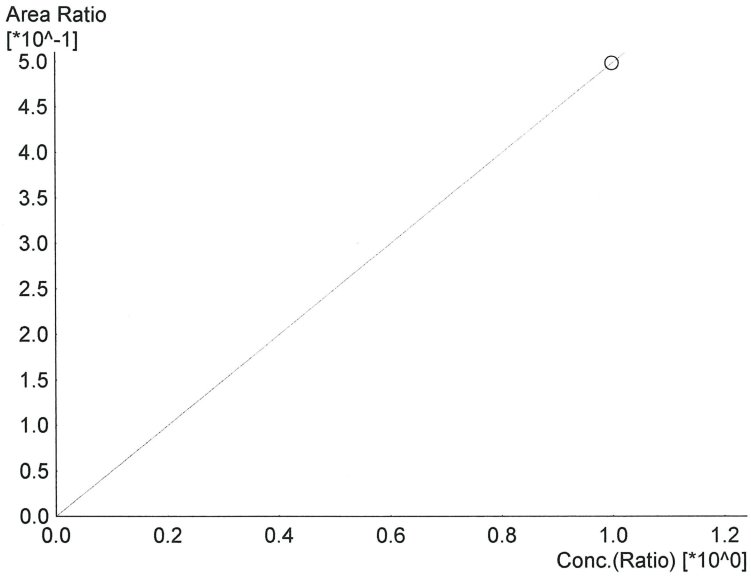
#	Conc.	Area	Std. Conc.
1	0.050	22563	0.0539
2	0.100	46451	0.0999
3	0.200	95928	0.1953
4	0.400	205407	0.3965
5	0.500	260303	0.5042

99



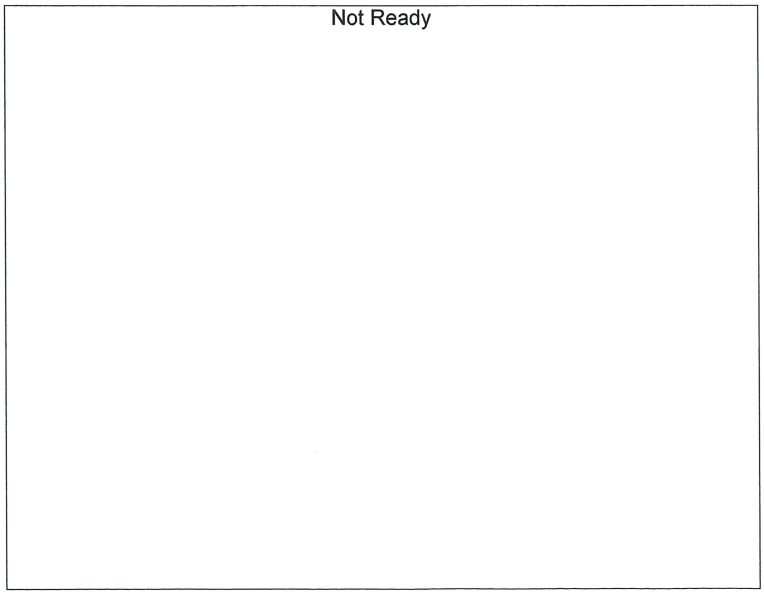
Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.201186*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	51551	1.0000



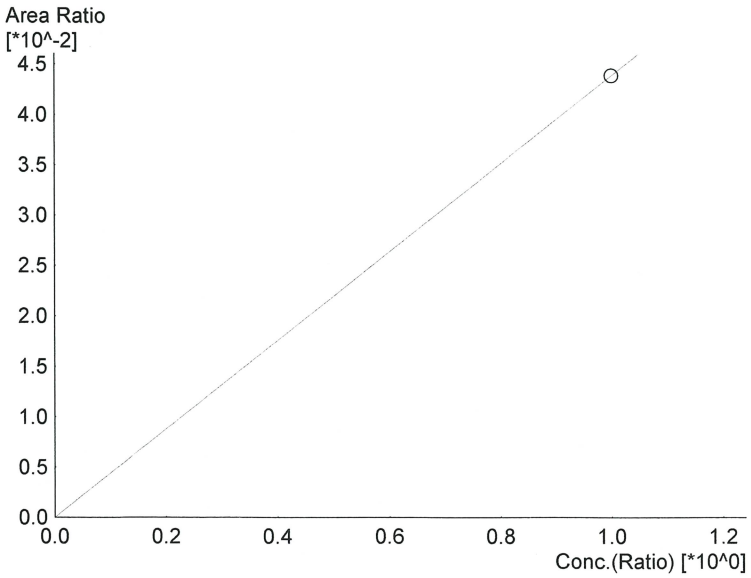
Name : Acetone
Detector Name: FID1
Function : f(x)=0.498431*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	127715	1.0000



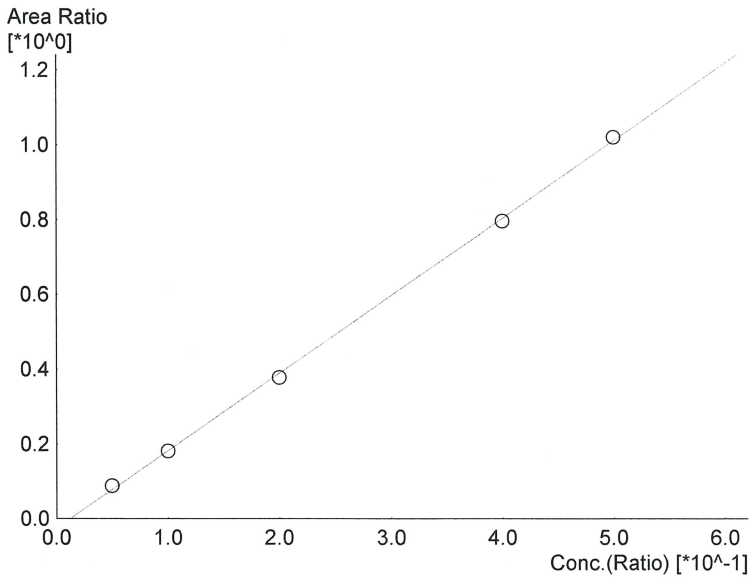
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



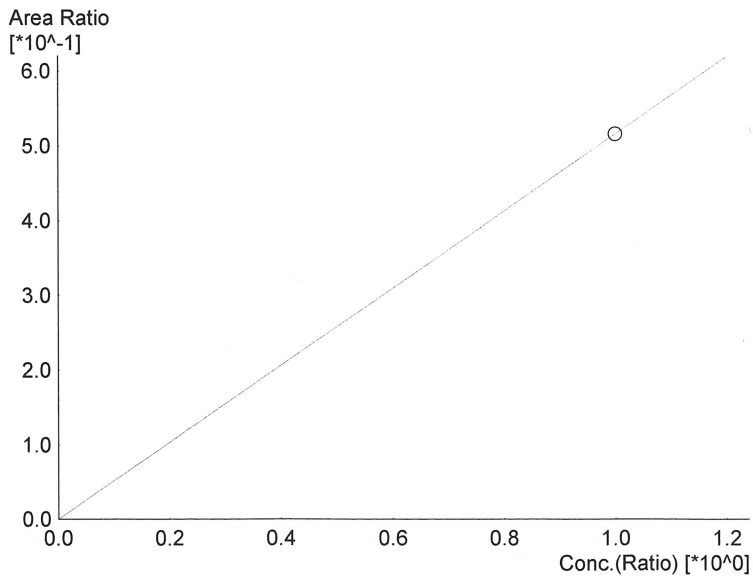
Name : Methanol
Detector Name: FID2
Function : f(x)=0.0438467*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	12144	1.0000



Name : Ethanol
Detector Name: FID2
Function : f(x)=2.07366*x-0.0256941
R^2 value= 0.9994338
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	23815	0.0546
2	0.100	49722	0.0997
3	0.200	103968	0.1945
4	0.400	225858	0.3964
5	0.500	286606	0.5045



Name : Acetone
Detector Name: FID2
Function : f(x)=0.516295*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	142990	1.0000

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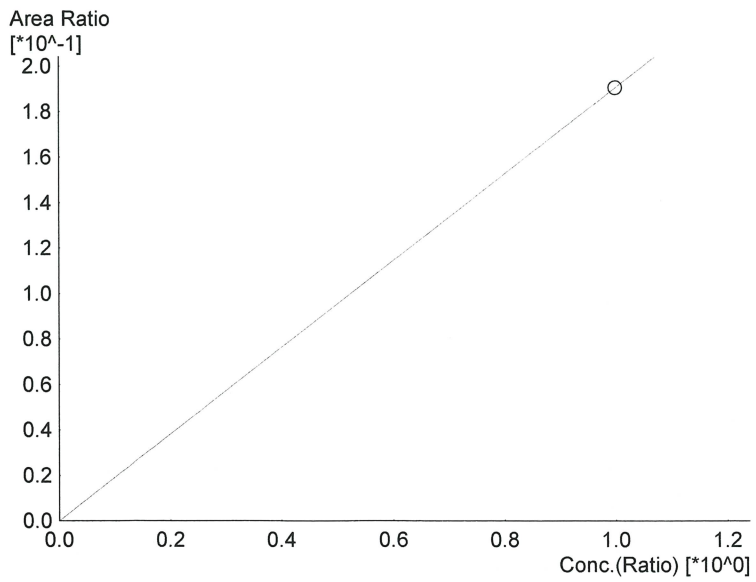
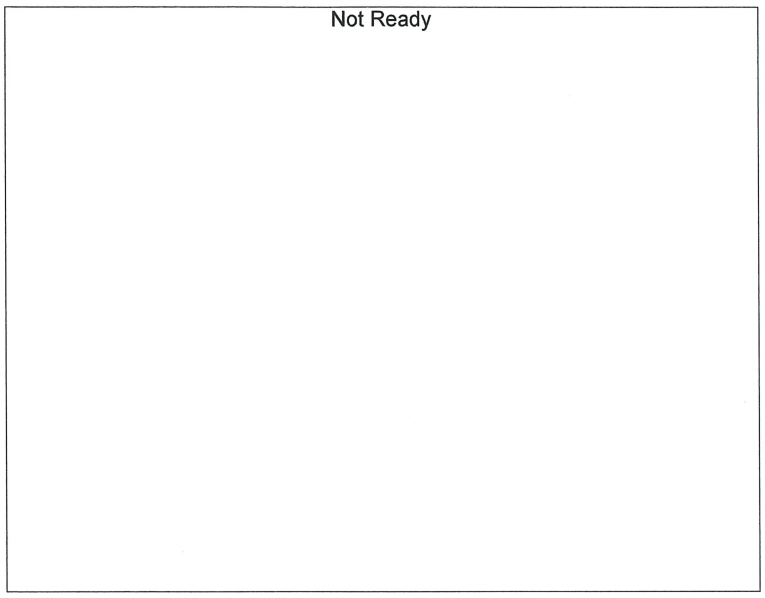


Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.190652*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	52802	1.0000

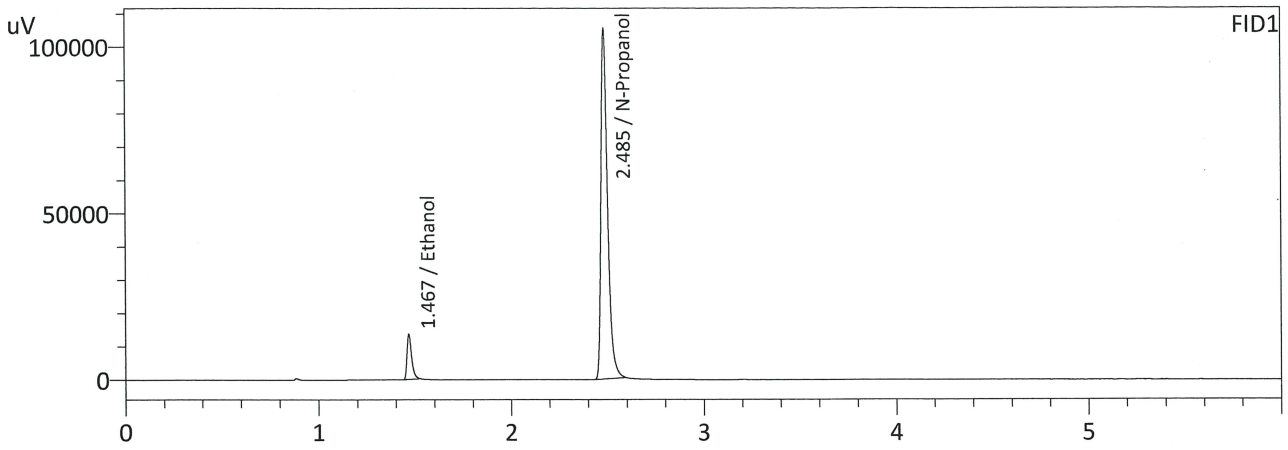


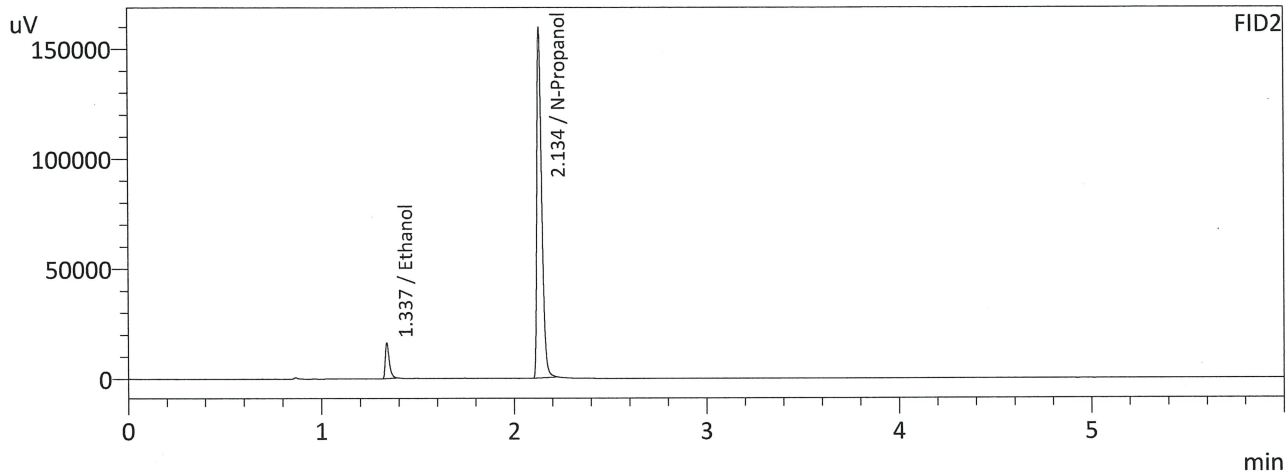
Name : Flour. Hydrocarbon(s)
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.

99

Sample Name : 0.050
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 11:40:06 AM
Vial # : 2
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

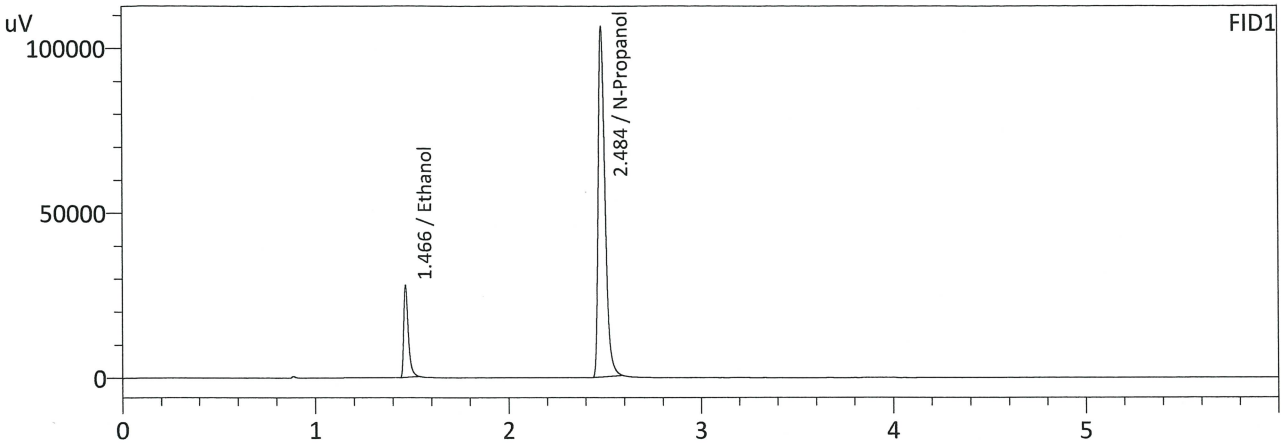
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0539	22563	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	251492	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

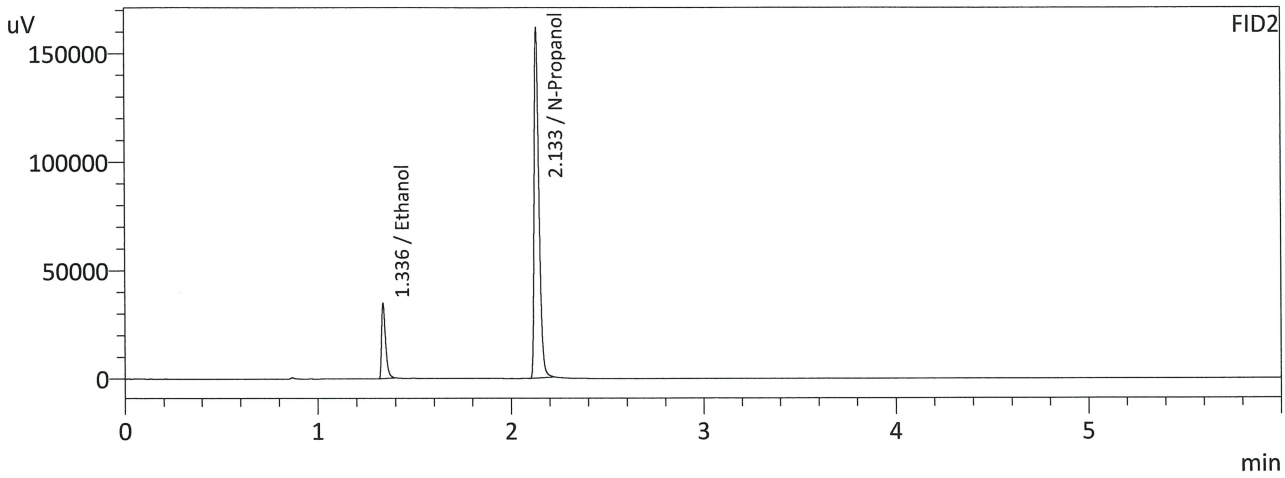
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0546	23815	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	271769	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.100
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 11:50:49 AM
Vial # : 3
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0999	46451	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	253821	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0997	49722	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	274494	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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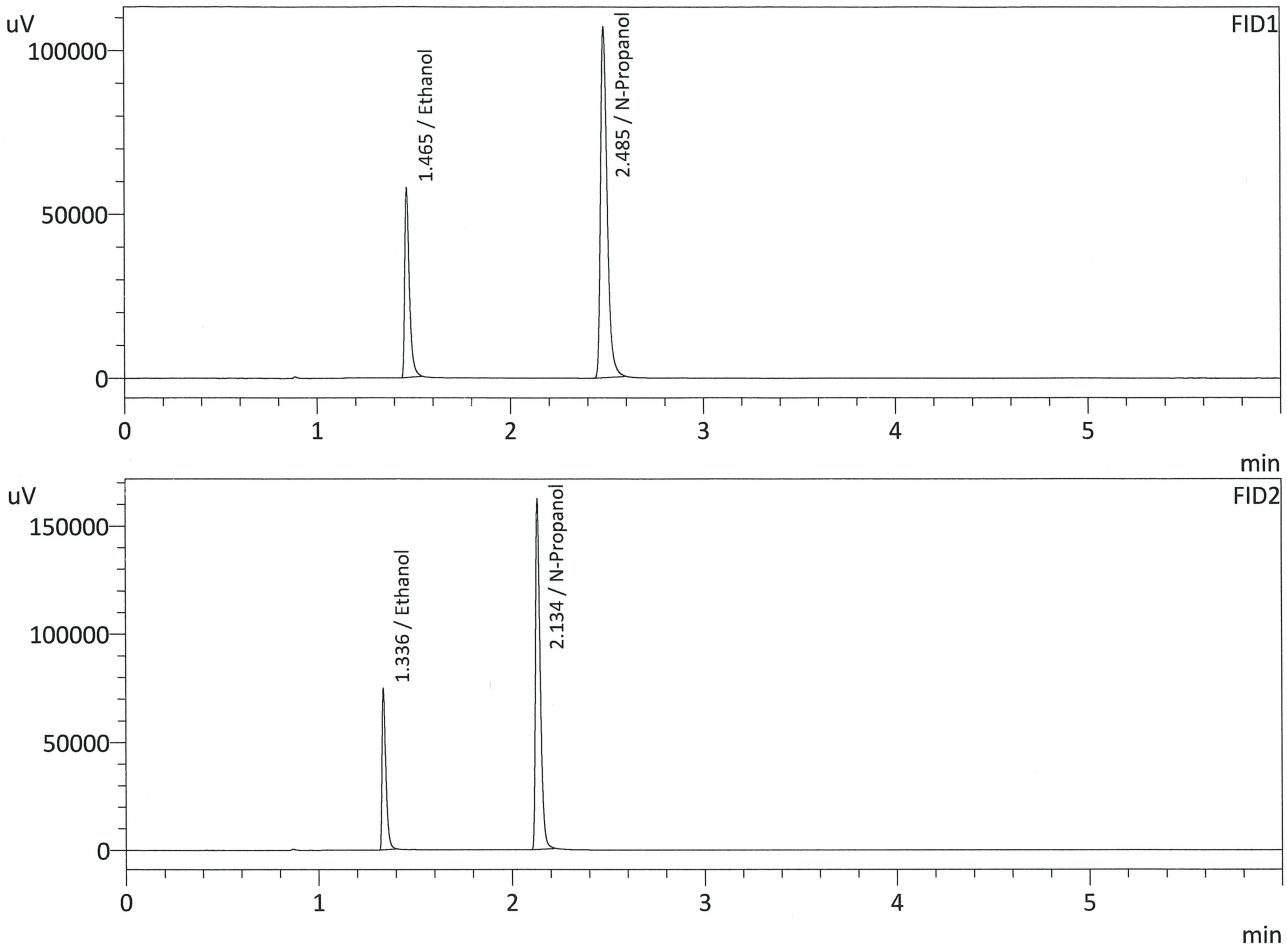
Sample Name : 0.200
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 11:59:29 AM
Vial # : 4
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

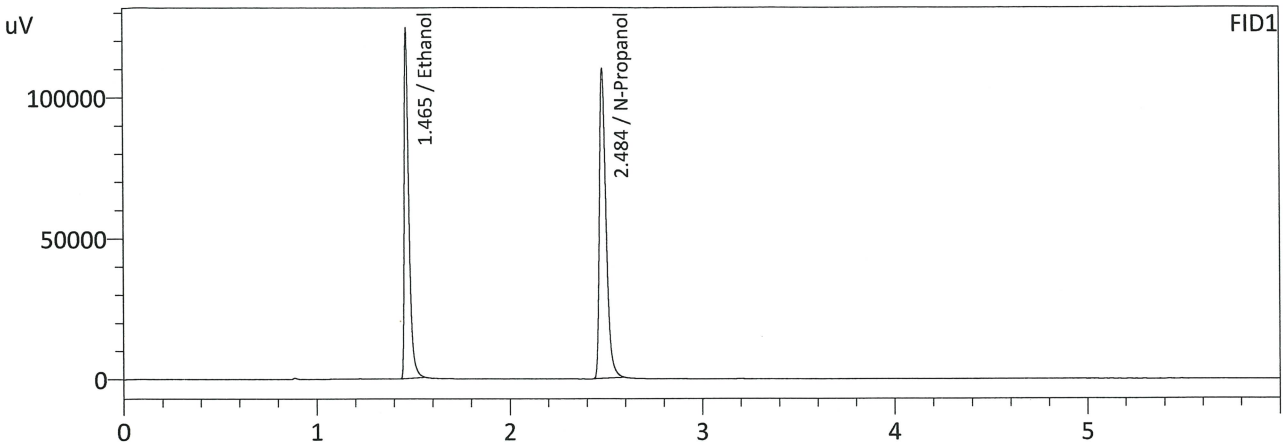
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1953	95928	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	255041	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

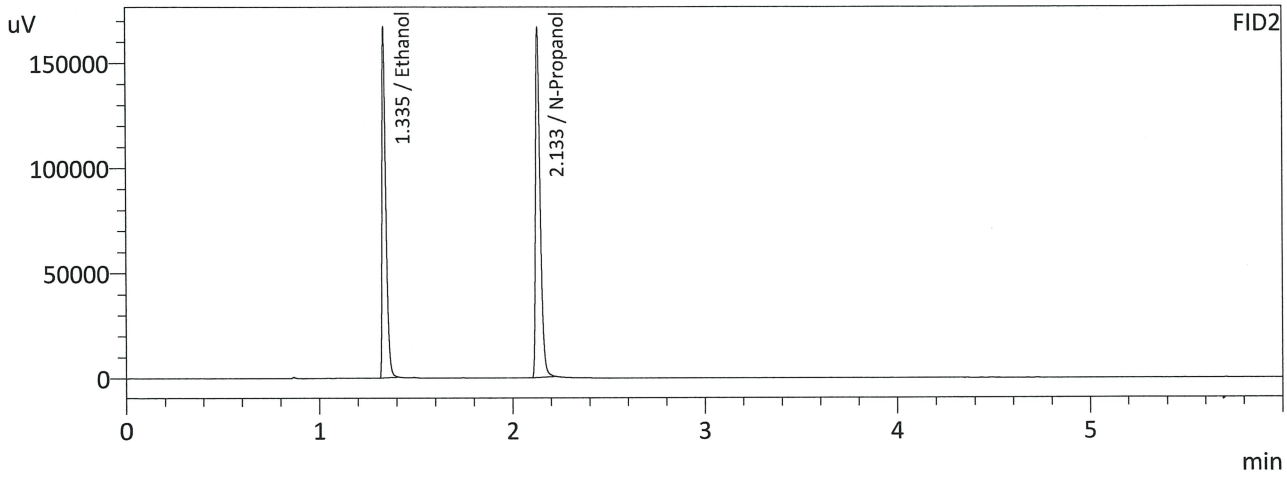
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1945	103968	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	275252	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.400
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 12:10:14 PM
Vial # : 5
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3965	205407	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	262081	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3964	225858	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	283578	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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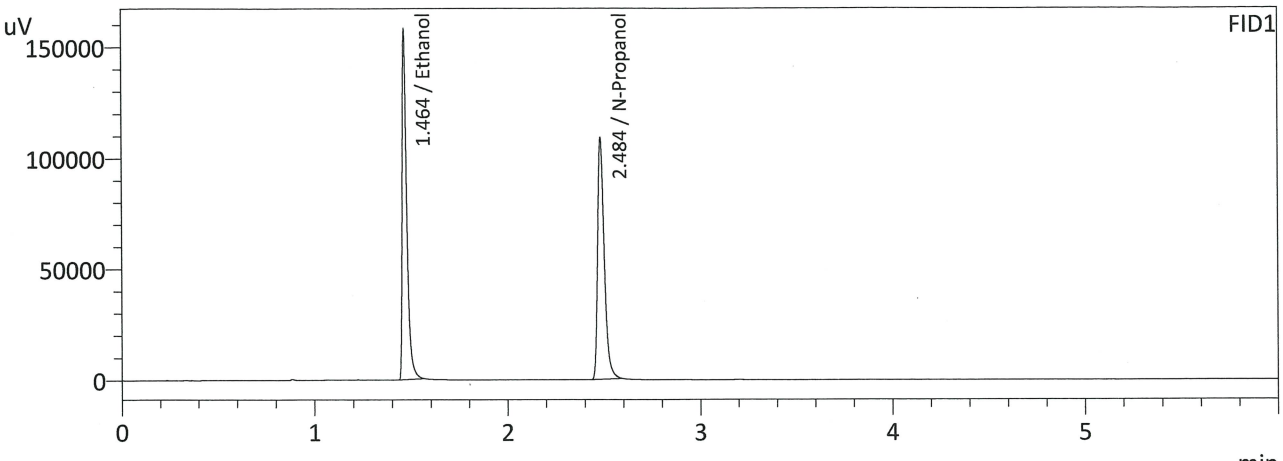
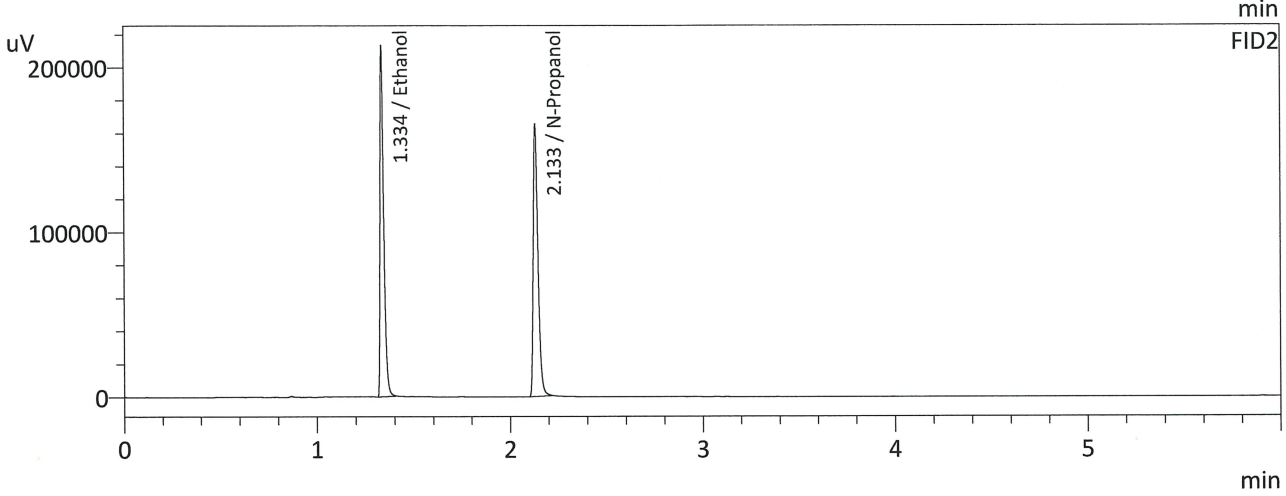
Sample Name : 0.500
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 12:18:54 PM
Vial # : 6
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5042	260303	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	259811	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5045	286606	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	280806	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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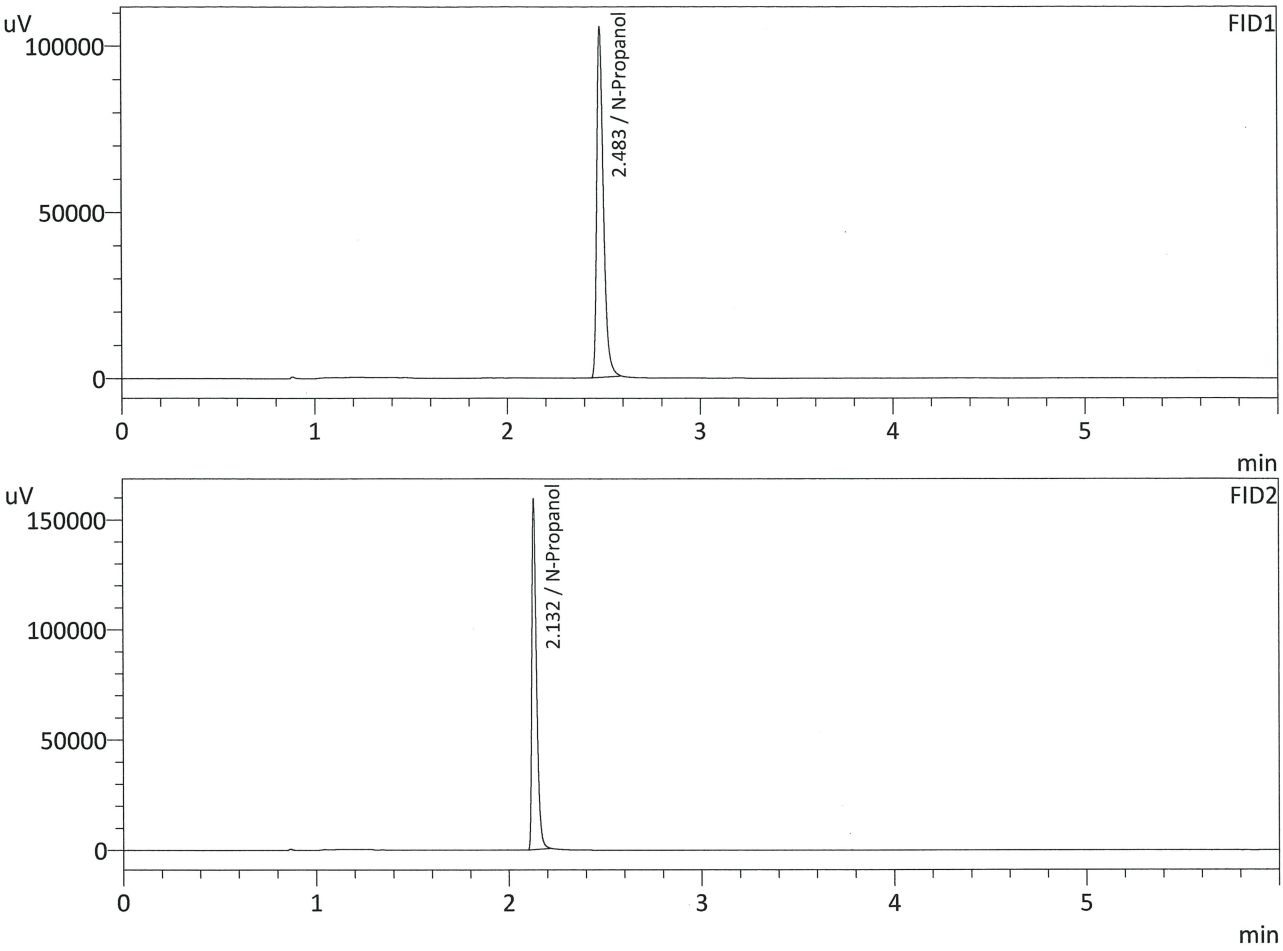
Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 11:31:24 AM
Vial # : 1
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	250891	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	270139	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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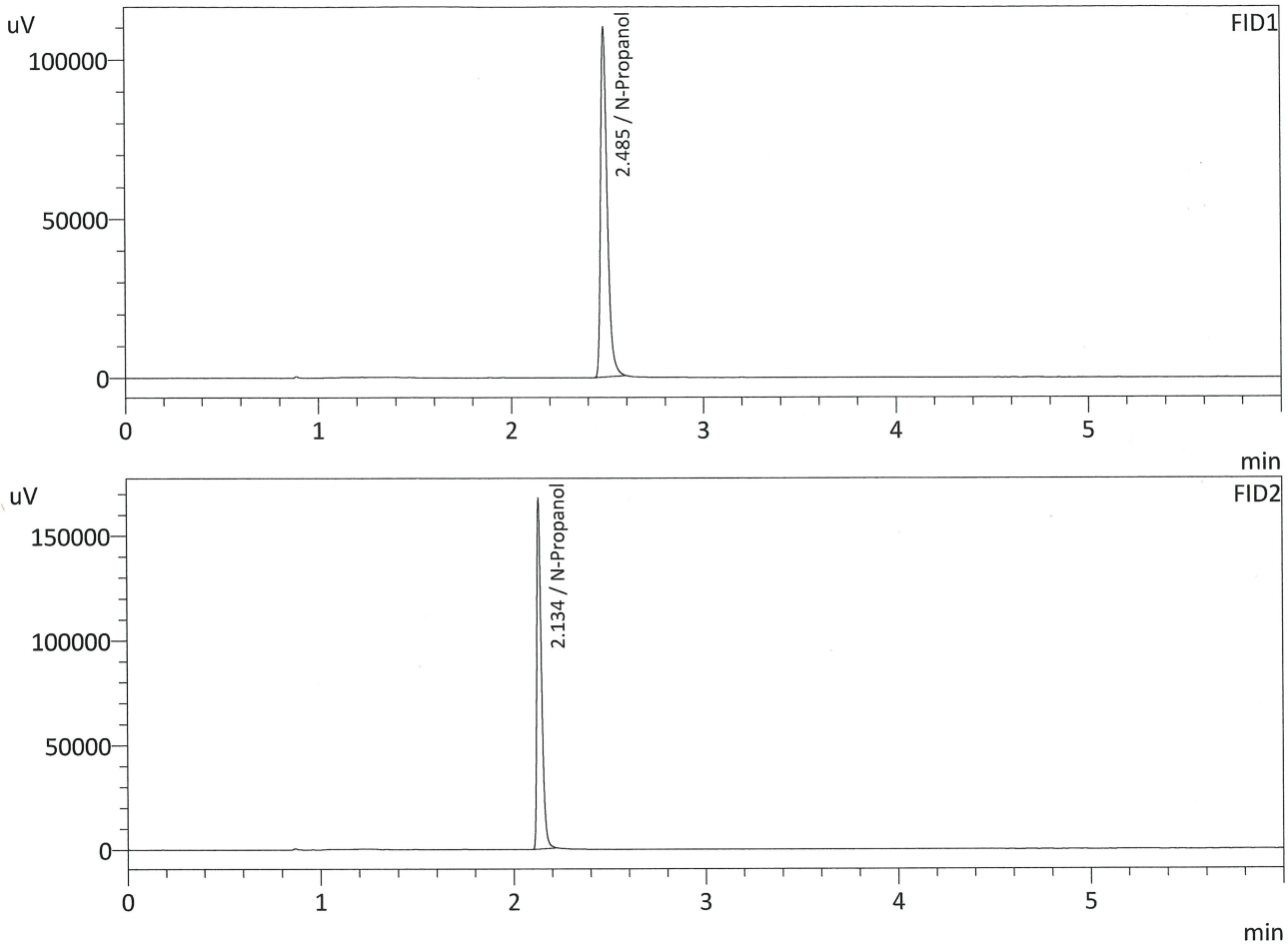
Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 12:29:39 PM
Vial # : 7
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

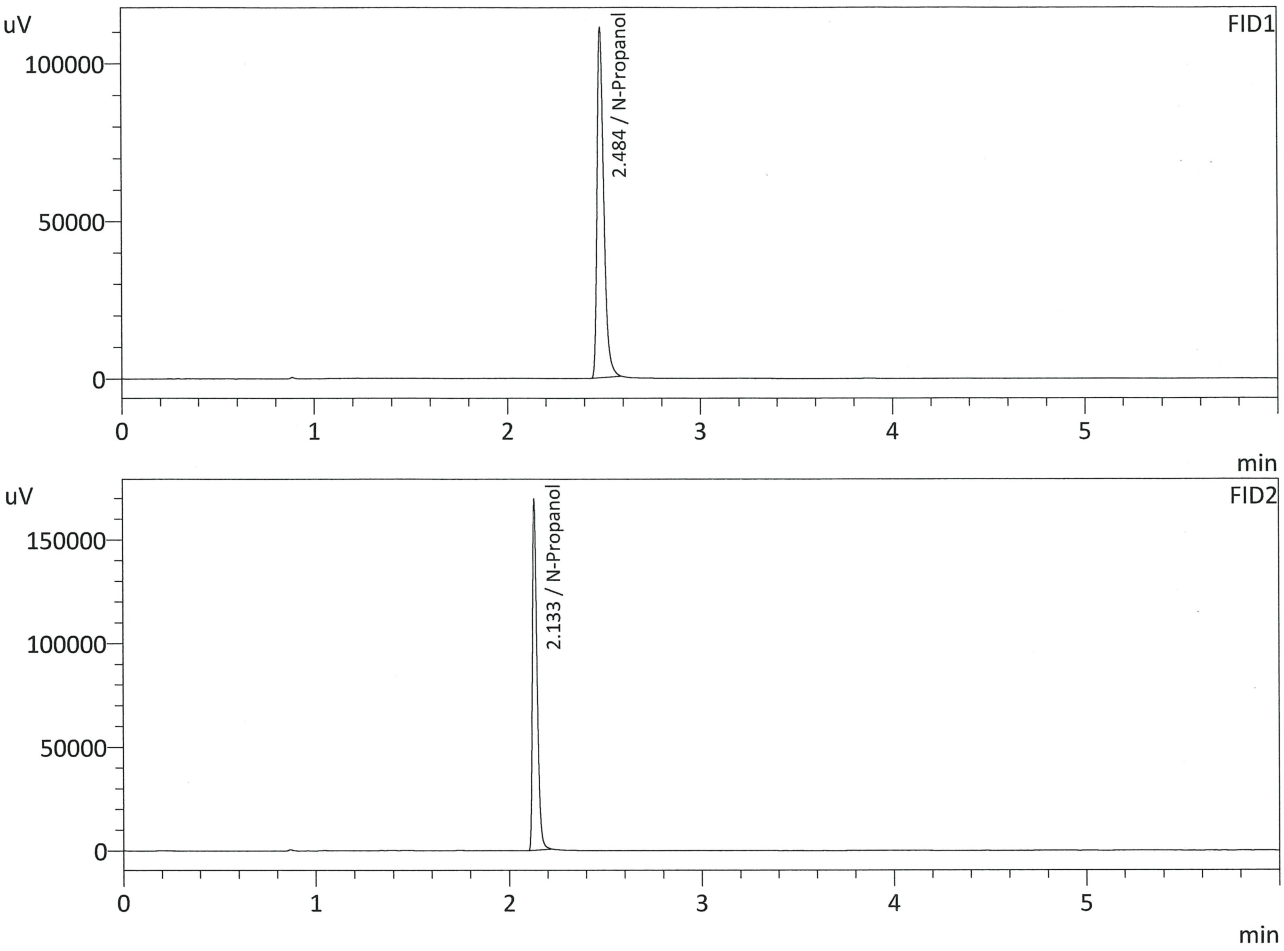
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	262769	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	284533	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 12:49:03 PM
Vial # : 9
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

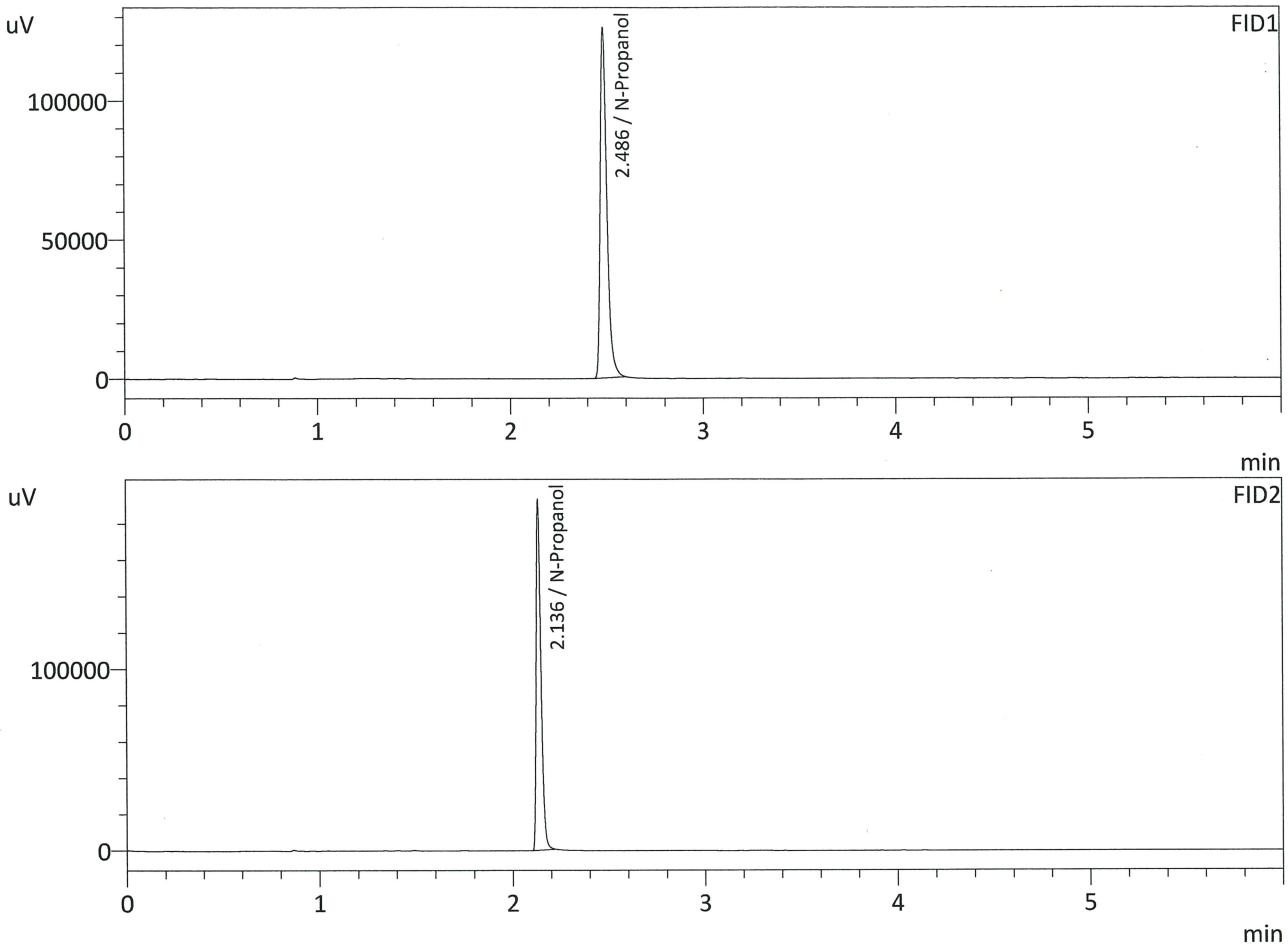
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	265405	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	287495	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 6:27:36 PM
Vial # : 44
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

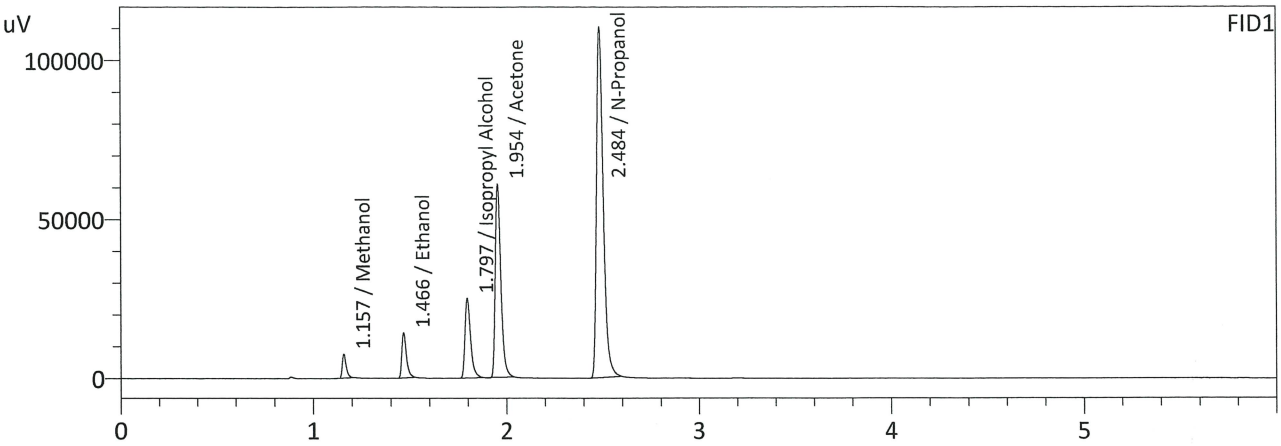
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	300565	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

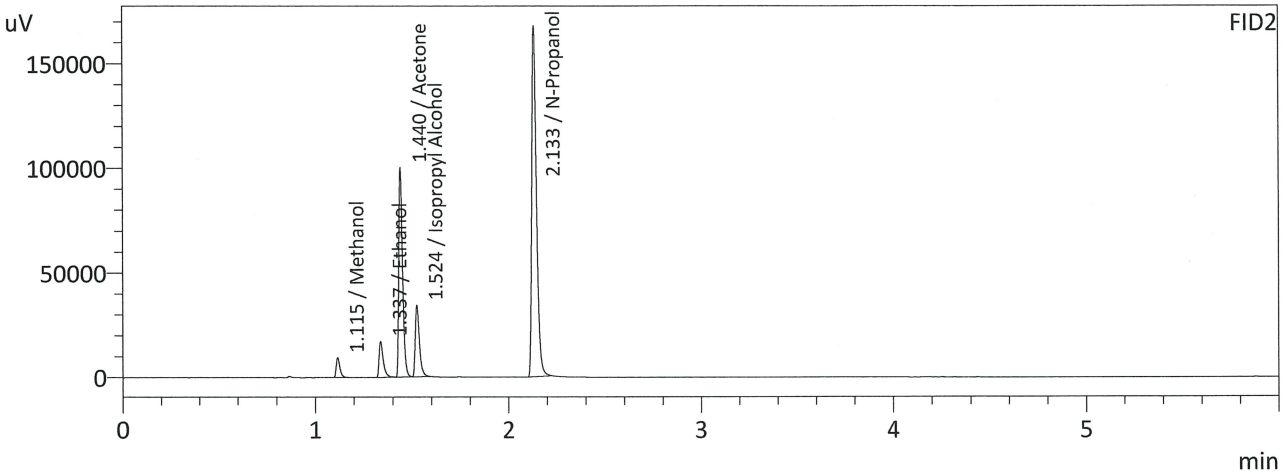
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	326709	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : MULTI-COMP MIX
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 12:38:19 PM
Vial # : 8
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	1.0000	10666	g/100cc
Ethanol	0.0535	23455	g/100cc
Isopropyl Alcohol	1.0000	50635	g/100cc
Acetone	1.0000	120807	g/100cc
N-Propanol	0.0000	263362	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	12260	g/100cc
Ethanol	0.0553	25387	g/100cc
Acetone	1.0000	135693	g/100cc
Isopropyl Alcohol	1.0000	51922	g/100cc
N-Propanol	0.0000	284776	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-2-1 **Analysis Date(s): 4/4/2023 12:57:43 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2016	0.2006	0.0010	0.2011	0.0005	0.2013
(g/100cc)	0.2018	0.2014	0.0004	0.2016		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

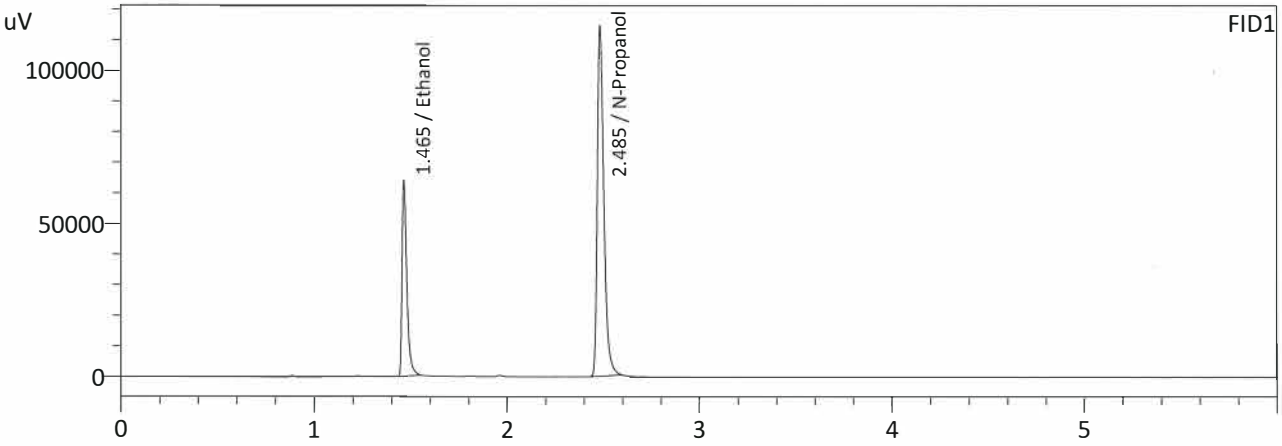
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.201	0.190	0.212	0.011

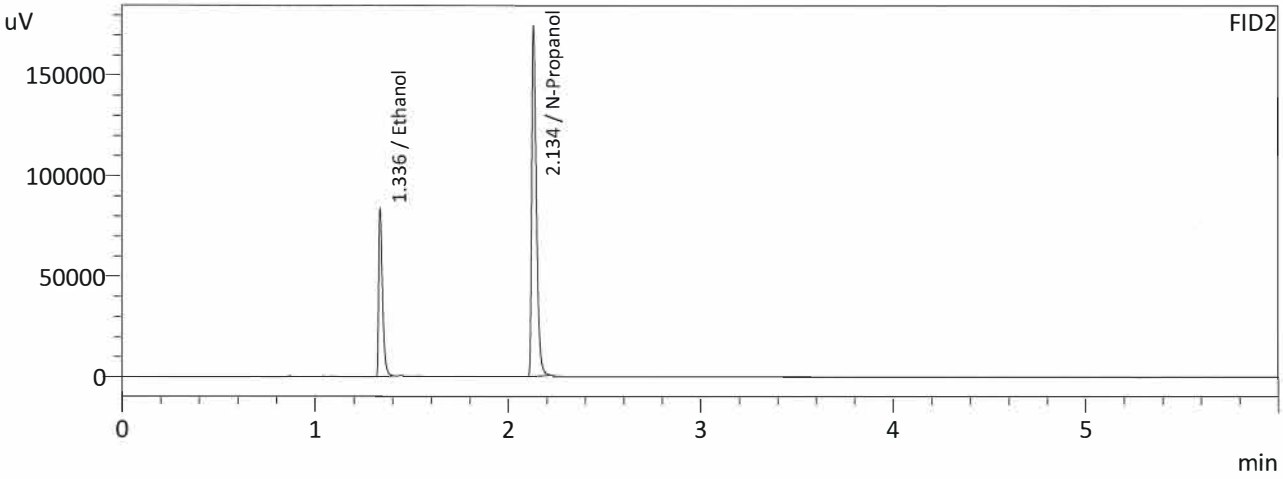
Reported Results
0.201

Calibration and control data are stored centrally.

99

Sample Name : QC-2-1
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 12:57:43 PM
Vial # : 10
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

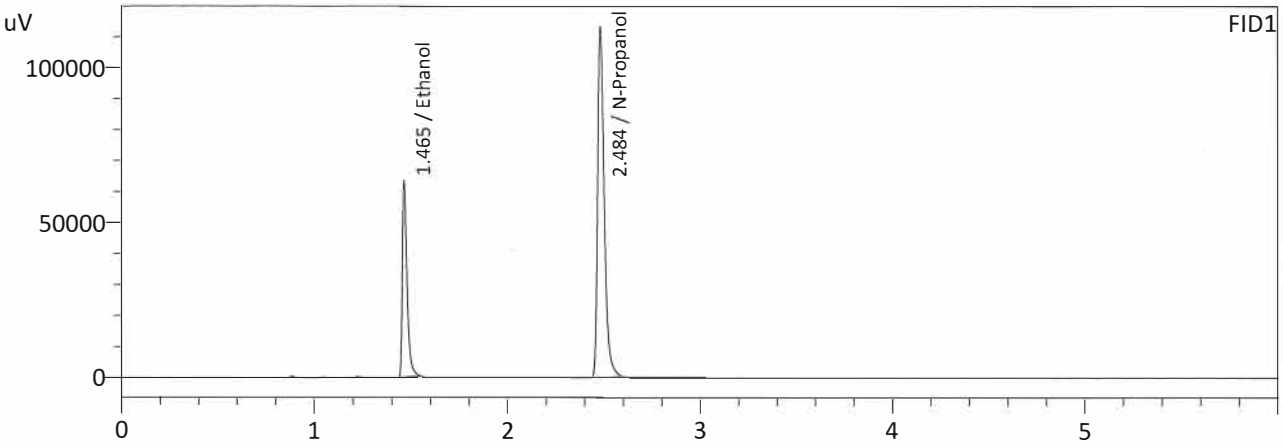
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2016	106239	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	273110	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

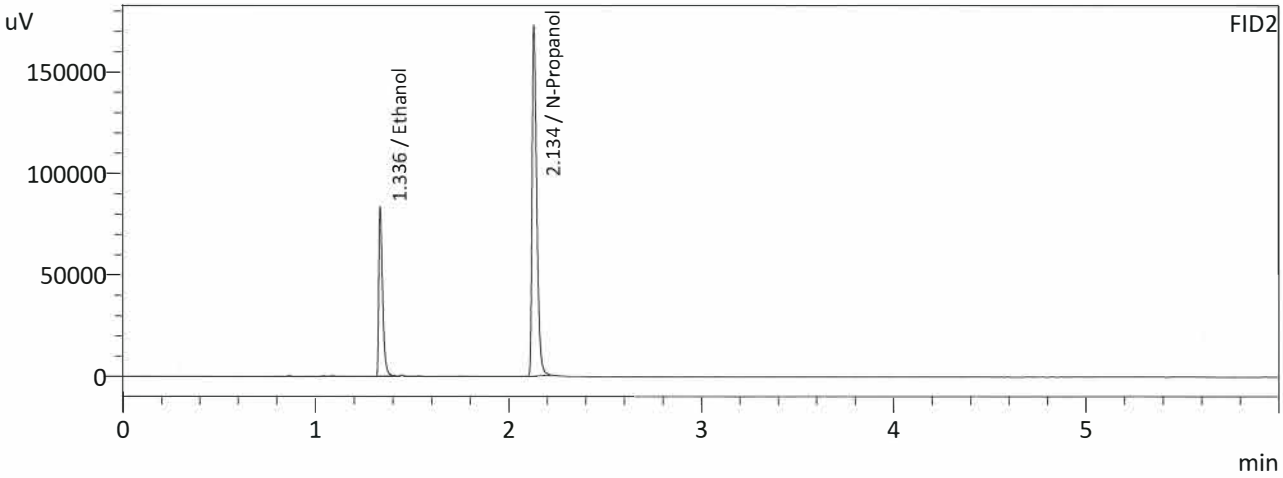
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2006	115496	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	295874	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-2-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 1:08:28 PM
Vial # : 11
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2018	105235	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	270250	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.2014	114876	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	292964	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA **Analysis Date(s): 4/4/2023 1:17:08 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0828	0.0829	0.0001	0.0828	0.0003	0.0826
(g/100cc)	0.0824	0.0826	0.0002	0.0825		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

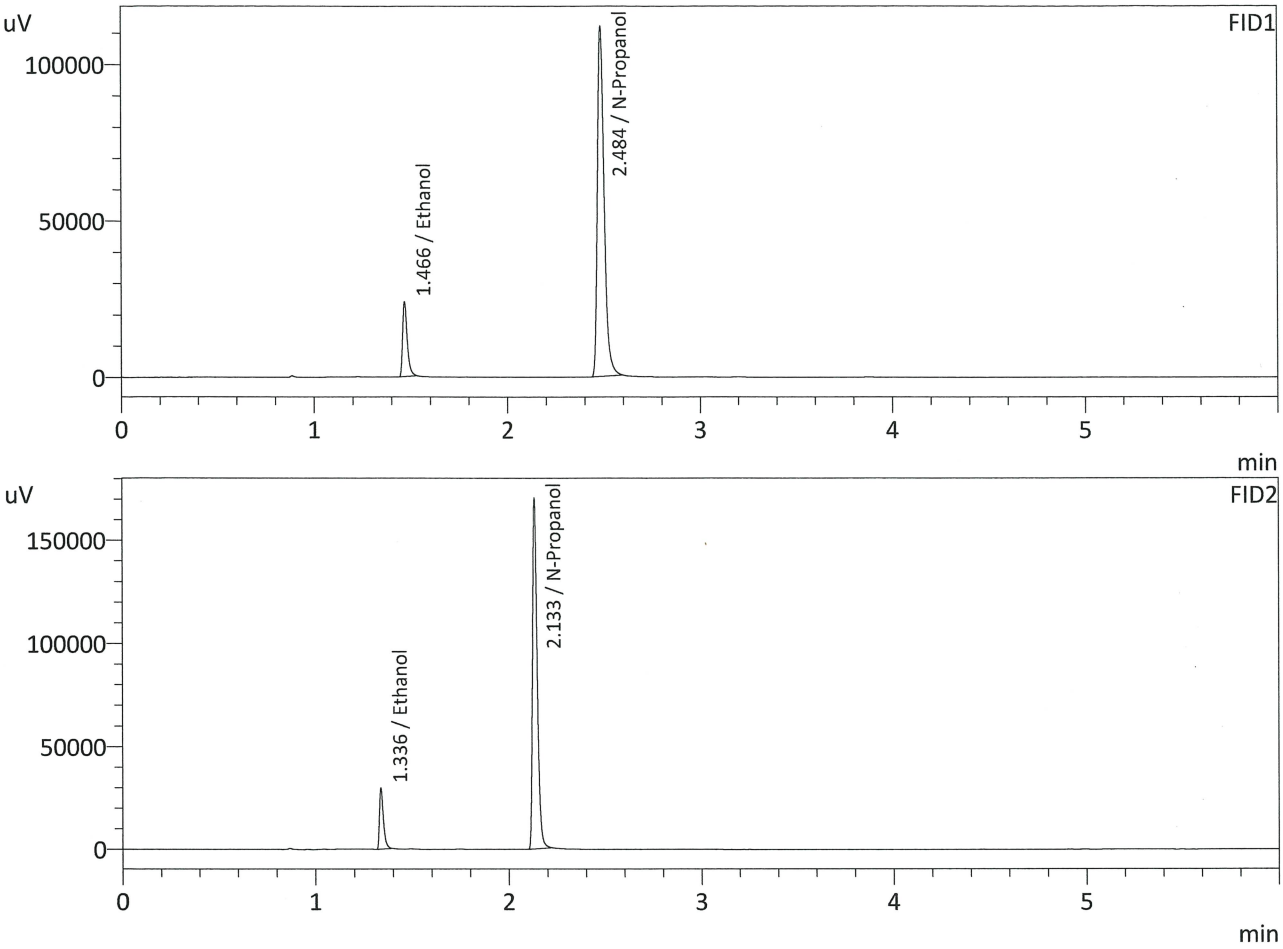
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

Reported Results
0.082

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 1:17:08 PM
Vial # : 12
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

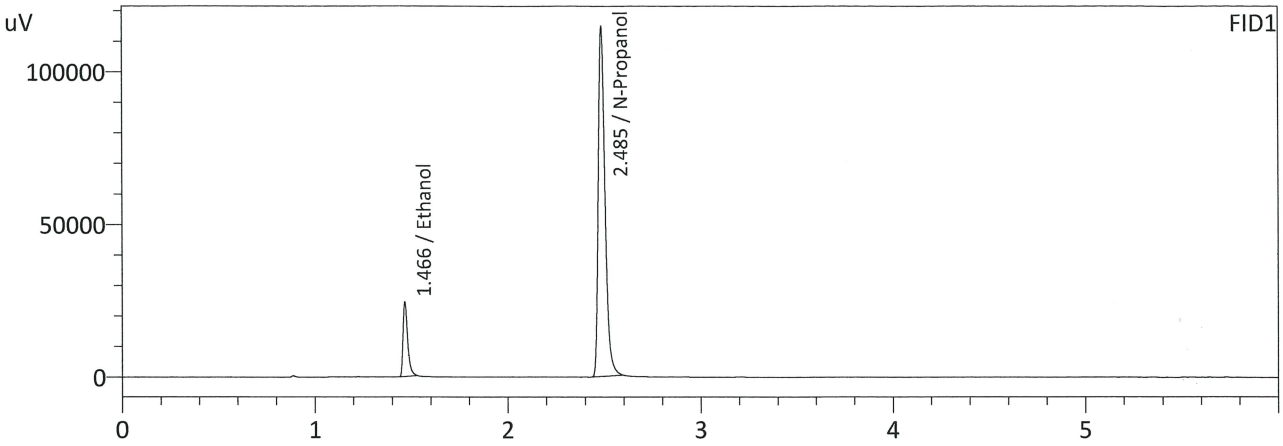
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0828	39666	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	267429	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

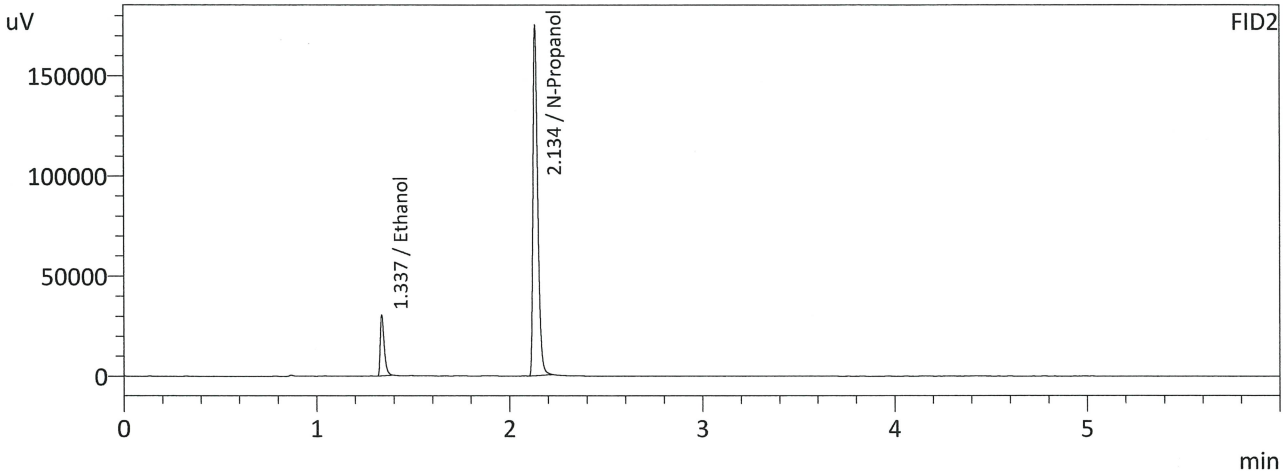
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0829	42318	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	289093	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 1:27:53 PM
Vial # : 13
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0824	40393	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	273811	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0826	43277	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	296856	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1 **Analysis Date(s): 4/4/2023 4:31:12 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0828	0.0827	0.0001	0.0827	0.0005	0.0825
(g/100cc)	0.0822	0.0823	0.0001	0.0822		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

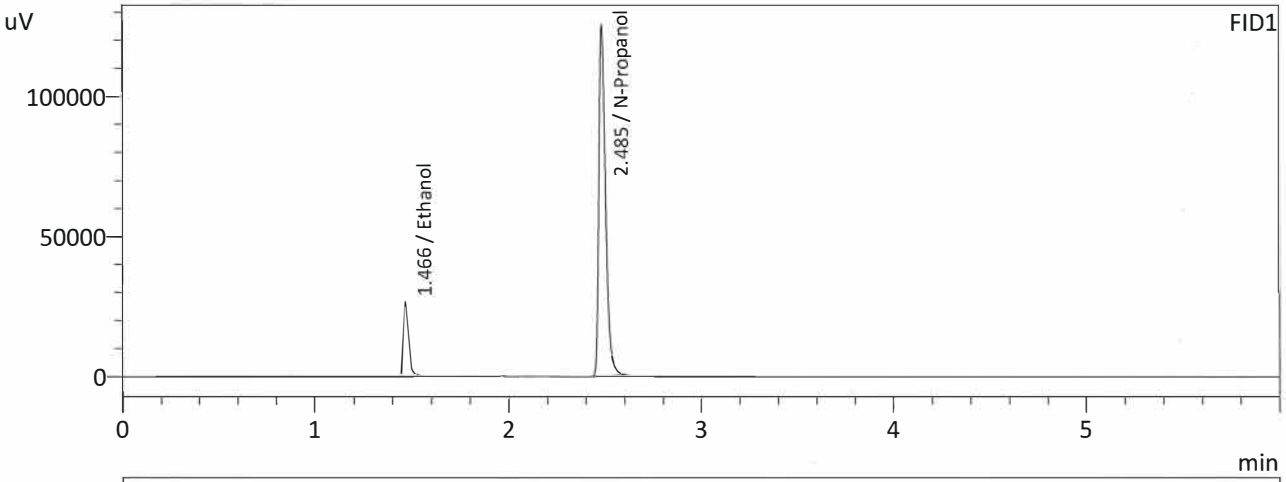
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

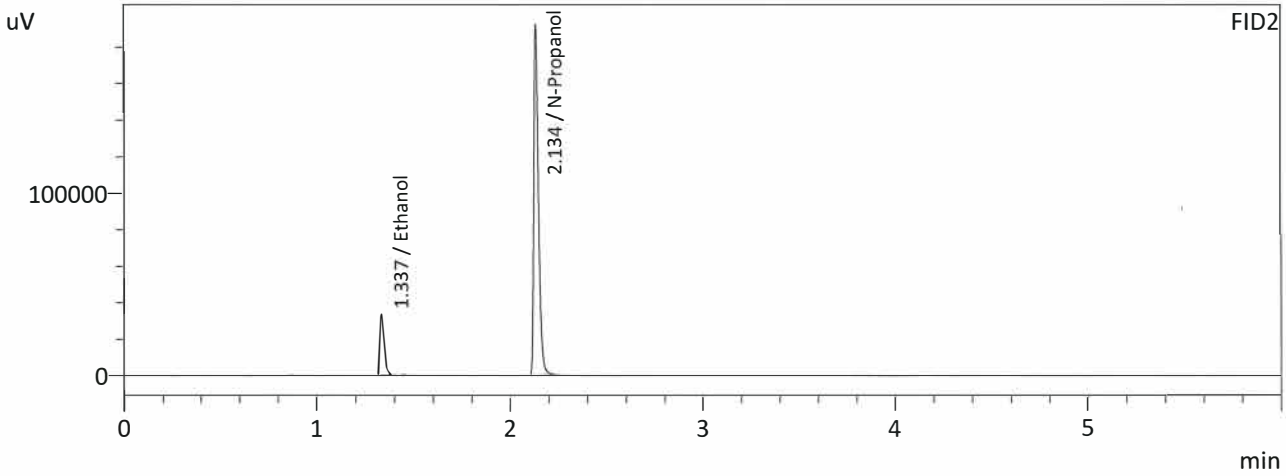
Reported Results
0.082

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 4:31:12 PM
Vial # : 32
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

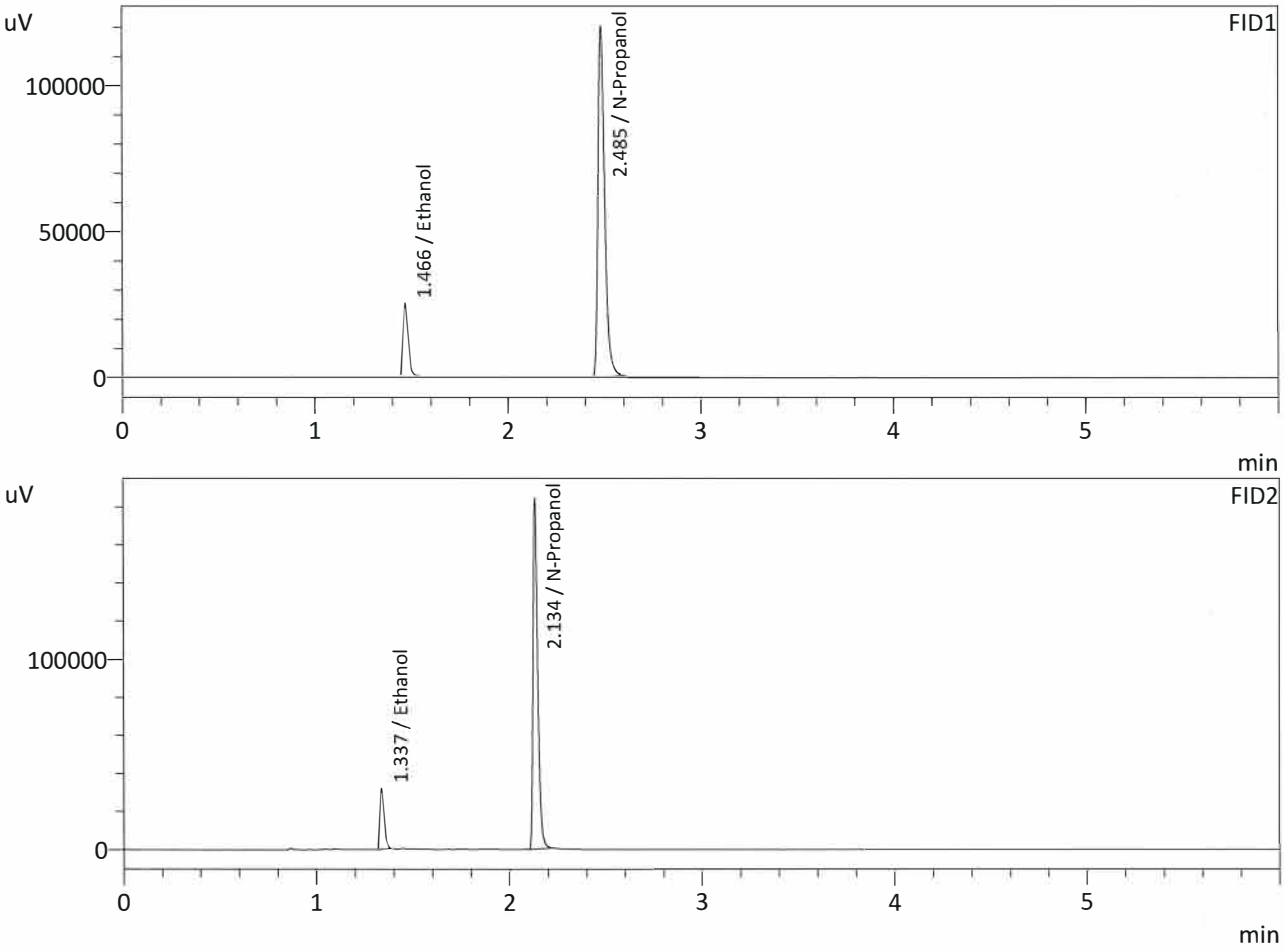
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0828	44290	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	298771	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0827	47392	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	324769	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 4:41:58 PM
Vial # : 33
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0822	42214	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	286974	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0823	45211	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	311776	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2 **Analysis Date(s): 4/4/2023 6:08:19 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0826	0.0826	0.0000	0.0826	0.0007	0.0829
(g/100cc)	0.0831	0.0836	0.0005	0.0833		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL.gcm

Reporting of Results	Uncertainty of Measurements (UM%):	5.00%

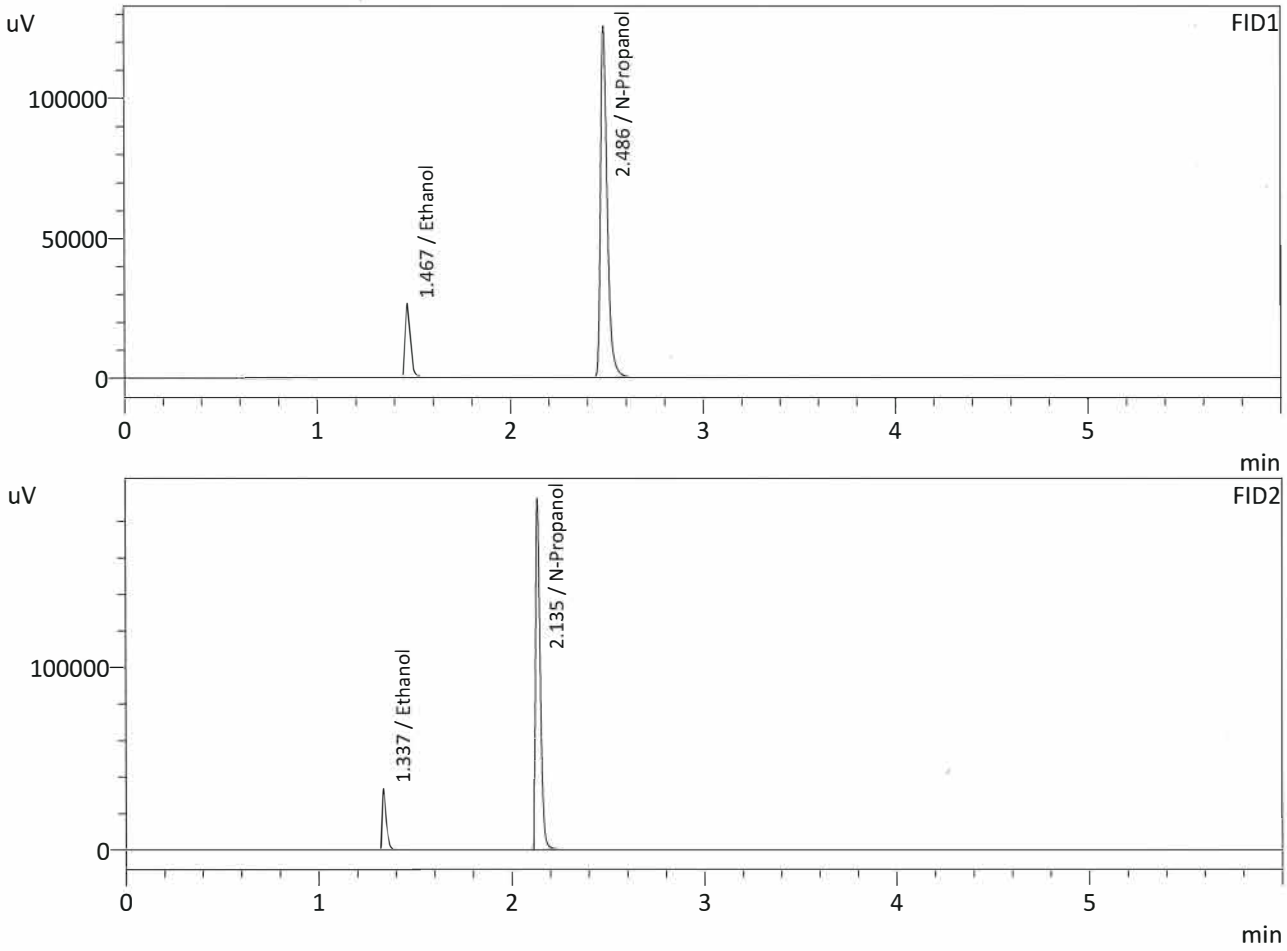
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

Reported Results
0.082

Calibration and control data are stored centrally.

99

Sample Name : QC-1-2
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 6:08:19 PM
Vial # : 42
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

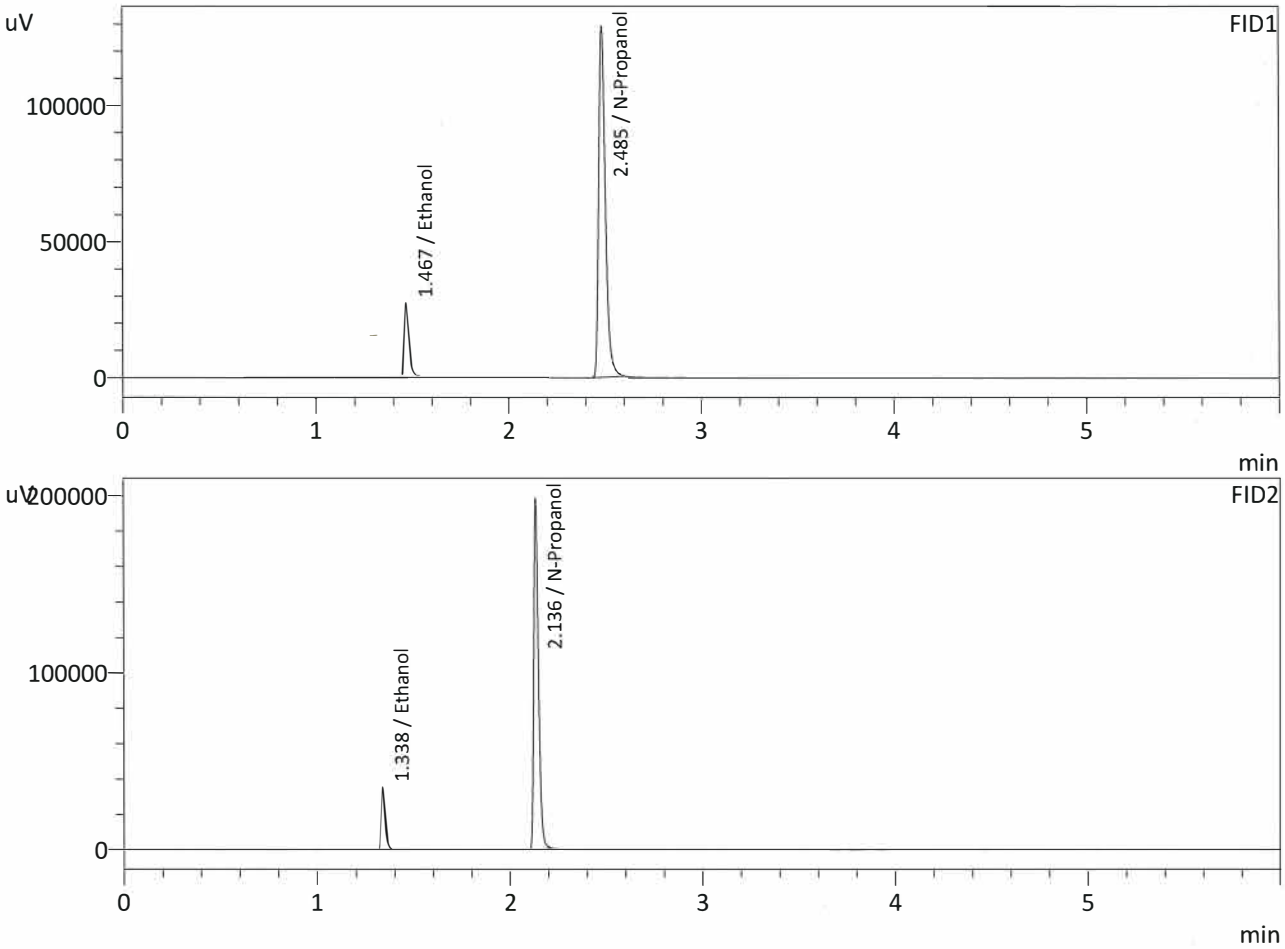
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0826	44223	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	299149	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0826	47358	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	324909	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 4/4/2023 6:19:04 PM
Vial # : 43
Method Filename : Default Project - ALCOHOL.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0831	45923	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	308400	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0836	49573	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	335381	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc