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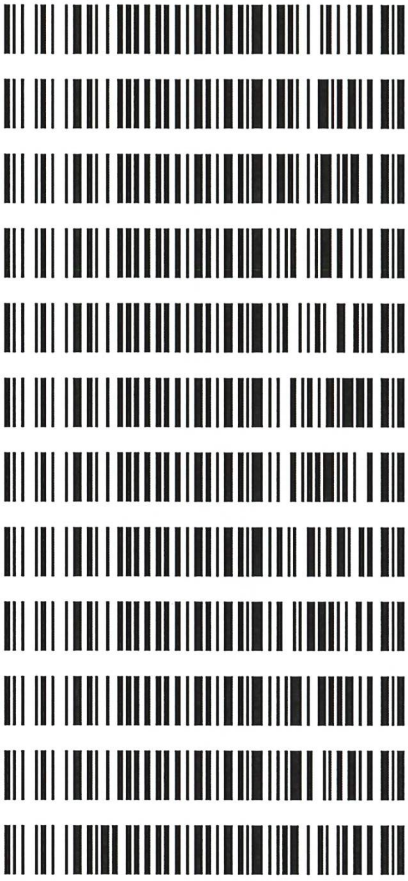
REVIEWED
By Galina Giso at 12:02 pm, Jun 26, 2023

6/21/2023

Worklist: 6412

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
C2023-1254	1	BCK	Alcohol Analysis
C2023-1259	1	BCK	Alcohol Analysis
C2023-1260	1	BCK	Alcohol Analysis
C2023-1293	1	BCK	Alcohol Analysis
C2023-1319	1	BCK	Alcohol Analysis
C2023-1336	1	BCK	Alcohol Analysis
C2023-1348	1	BCK	Alcohol Analysis
C2023-1353	1	BCK	Alcohol Analysis
C2023-1366	1	BCK	Alcohol Analysis
C2023-1383	1	BCK	Alcohol Analysis
C2023-1390	1	BCK	Alcohol Analysis
M2023-2279	1	BCK	Alcohol Analysis



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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 Long.gcm
79	INT STD BLK 6	0:Unknown	0	ALCOHOL Long.gcm
80	INT STD BLK 7	0:Unknown	0	ALCOHOL Long.gcm
81	INT STD BLK 8	0:Unknown	0	ALCOHOL Long.gcm
82	INT STD BLK 9	0:Unknown	0	ALCOHOL Long.gcm
83	INT STD BLK 10	0:Unknown	0	ALCOHOL Long.gcm
1	INT STD BLK 1	0:Unknown	0	ALCOHOL Long.gcm
2	0.050	1:Standard:(R)	1	ALCOHOL Long.gcm
3	0.100	1:Standard:(R)	2	ALCOHOL Long.gcm
4	0.200	1:Standard:(R)	3	ALCOHOL Long.gcm
5	0.400	1:Standard:(R)	4	ALCOHOL Long.gcm
6	0.500	1:Standard:(R)	5	ALCOHOL Long.gcm
7	INT STD BLK 2	0:Unknown	0	ALCOHOL Long.gcm
8	MULTI-COMP MIX	1:Standard:(R)	6	ALCOHOL Long.gcm
9	INT STD BLK 3	0:Unknown	0	ALCOHOL Long.gcm
10	QC-1-1	0:Unknown	0	ALCOHOL Long.gcm
11	QC-1-1-B	0:Unknown	0	ALCOHOL Long.gcm
12	0.08 QA	0:Unknown	0	ALCOHOL Long.gcm
13	0.08 QA - B	0:Unknown	0	ALCOHOL Long.gcm
14	C2023-1254-1	0:Unknown	0	ALCOHOL Long.gcm
15	C2023-1254-1-B	0:Unknown	0	ALCOHOL Long.gcm
16	C2023-1259-1	0:Unknown	0	ALCOHOL Long.gcm
17	C2023-1259-1-B	0:Unknown	0	ALCOHOL Long.gcm
18	C2023-1260-1	0:Unknown	0	ALCOHOL Long.gcm
19	C2023-1260-1-B	0:Unknown	0	ALCOHOL Long.gcm
20	C2023-1293-1	0:Unknown	0	ALCOHOL Long.gcm
21	C2023-1293-1-B	0:Unknown	0	ALCOHOL Long.gcm
22	C2023-1319-1	0:Unknown	0	ALCOHOL Long.gcm
23	C2023-1319-1-B	0:Unknown	0	ALCOHOL Long.gcm
24	C2023-1336-1	0:Unknown	0	ALCOHOL Long.gcm
25	C2023-1336-1-B	0:Unknown	0	ALCOHOL Long.gcm
26	C2023-1348-1	0:Unknown	0	ALCOHOL Long.gcm
27	C2023-1348-1-B	0:Unknown	0	ALCOHOL Long.gcm
28	C2023-1353-1	0:Unknown	0	ALCOHOL Long.gcm
29	C2023-1353-1-B	0:Unknown	0	ALCOHOL Long.gcm
30	C2023-1366-1	0:Unknown	0	ALCOHOL Long.gcm
31	C2023-1366-1-B	0:Unknown	0	ALCOHOL Long.gcm
32	QC-1-2	0:Unknown	0	ALCOHOL Long.gcm
33	QC-1-2-B	0:Unknown	0	ALCOHOL Long.gcm
34	C2023-1383-1	0:Unknown	0	ALCOHOL Long.gcm
35	C2023-1383-1-B	0:Unknown	0	ALCOHOL Long.gcm
36	C2023-1390-1	0:Unknown	0	ALCOHOL Long.gcm
37	C2023-1390-1-B	0:Unknown	0	ALCOHOL Long.gcm
38	M2023-2279-1	0:Unknown	0	ALCOHOL Long.gcm
39	M2023-2279-1-B	0:Unknown	0	ALCOHOL Long.gcm
40	QC-1-3	0:Unknown	0	ALCOHOL Long.gcm
41	QC-1-3-B	0:Unknown	0	ALCOHOL Long.gcm
42	INT STD BLK 4	0:Unknown	0	ALCOHOL Long.gcm

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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): 6/22/2023**

Calibration Date: *(if different)*

Worklist #: 6412

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Feb-25	2101199	0.0808	0.0727 - 0.0889	0.0802 g/100cc
					0.0807 g/100cc
					0.0807 g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953 - 0.2387	g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	**Exp:**	January 31, 2026	**Lot #**	FN01212104		OK
Curve Fit:			**Column 1**	0.99988	**Column2**	0.99978

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0523	0.0529	0.0006	0.0526
100	0.100	0.090 - 0.110	0.0998	0.1001	0.0003	0.0999
200	0.200	0.180 - 0.220	0.1967	0.1957	0.001	0.1962
300	0.300	0.270 - 0.330			0	#DIV/0!
400	0.400	0.360 - 0.440	0.3995	0.3989	0.0006	0.3992
500	0.500	0.450 - 0.550	0.5014	0.5022	0.0008	0.5018

Aqueous Controls

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

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Internal Standard Monitoring Worksheet

Worklist #:	6412	Run Date(s):	6/22/2023

Internal Standard Solution: Lot# A014463901	Prep Date:	5/24/2023	Exp Date:	11/24/2023

Sample Name	Column 1 Value	Column 2 Value
0.080	268604	270413
0.080	266668	268351
QC1	274159	275855
QC1	273068	275313
QC1	291877	293684
QC1	287808	289607
QC1	293281	295694
QC1	301041	303509
QC2		
QC2		
QC2		
QC2		
QC2		
QC2		

	Average	(-)20%	(+)20%
Column 1	282063.3	225650.6	338475.9
Column 2	284053.3	227242.6	340863.9

Revision: 5
Issue Date: 07/05/2022
Issuing Authority: Quality Manager

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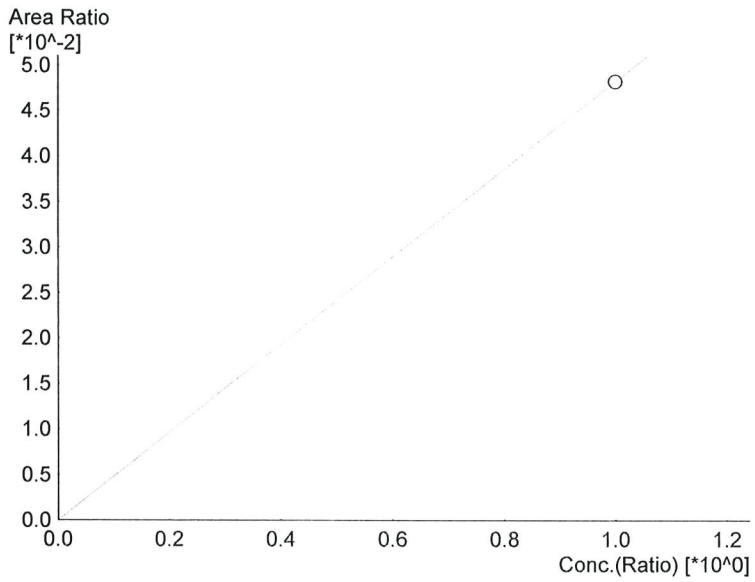
Calibration Table

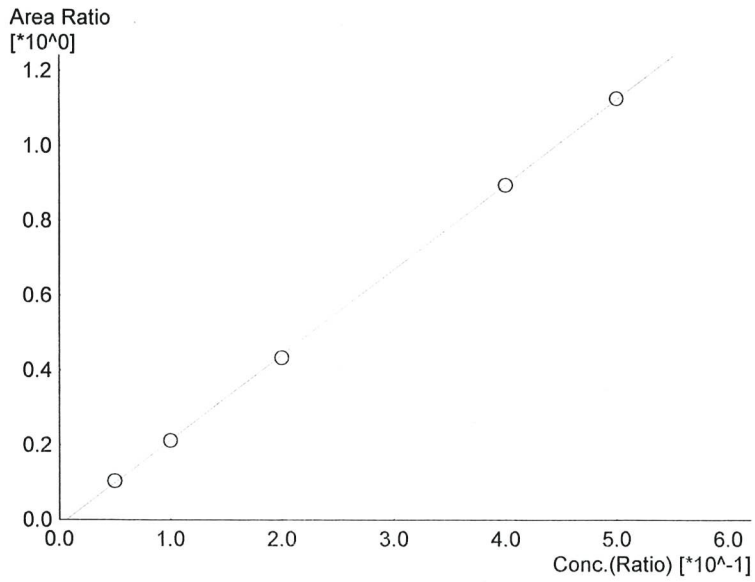
Laboratory : Coeur d' Alene
Instrument Name : BML8F33-Instrument1
Instrument Serial # : C12255850700 / C12595700181

<<Data File>>
Method File :Default Project - ALCOHOL Long.gcm
Batch File :Default Project - 6-22-23.gcb
Date Acquired :6/22/2023 4:18:50 PM
Date Created :6/22/2023 4:16:15 PM
Date Modified :6/22/2023 4:24:52 PM



Name : Methanol
Detector Name: FID1
Function : f(x)=0.0482174*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	11512	1.0000



Name : Ethanol
Detector Name: FID1
Function : f(x)=2.27888*x-0.0156398
R^2 value= 0.9998800
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	26811	0.0523
2	0.100	54080	0.0998
3	0.200	112560	0.1967
4	0.400	236680	0.3995
5	0.500	296480	0.5014

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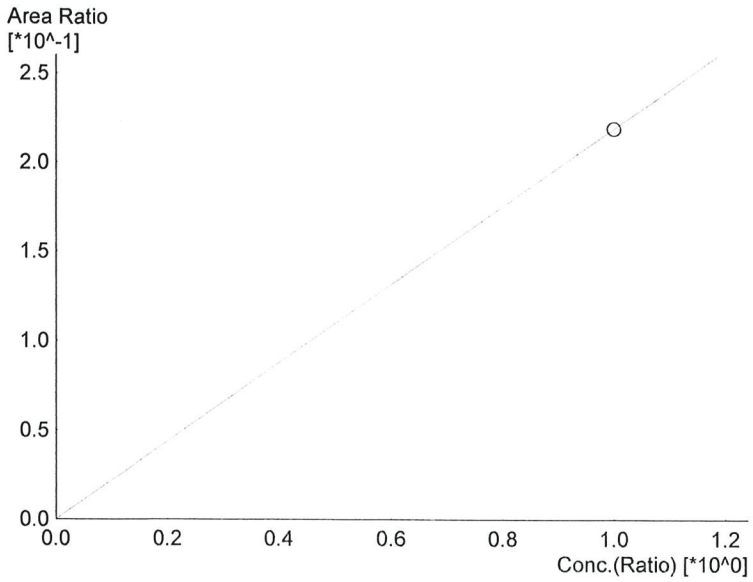
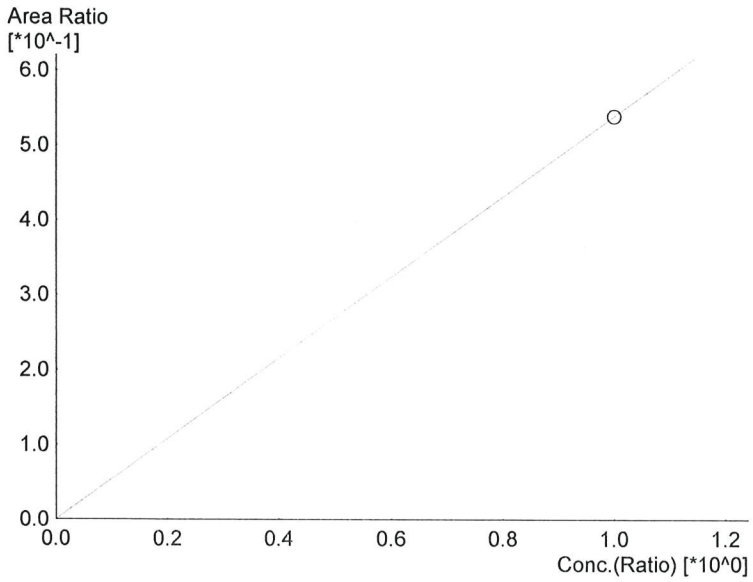


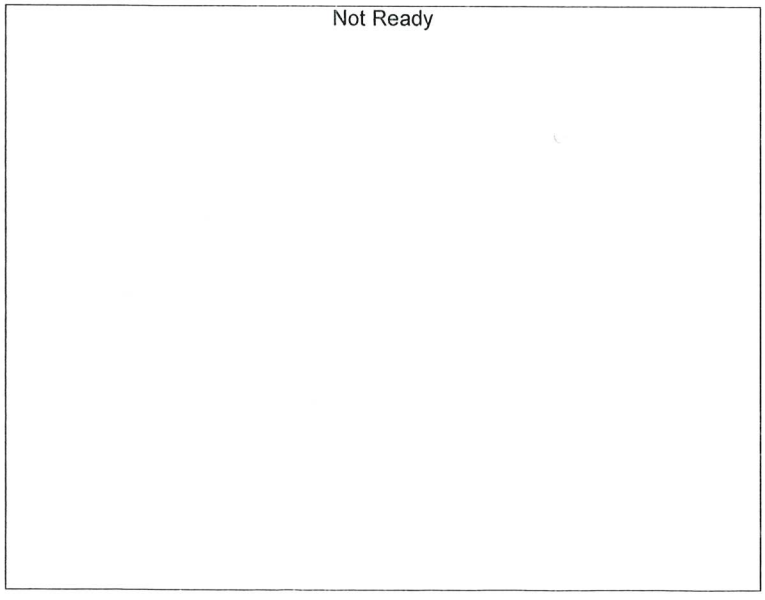
Name : Isopropyl Alcohol
Detector Name: FID1
Function : f(x)=0.219106*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	52312	1.0000



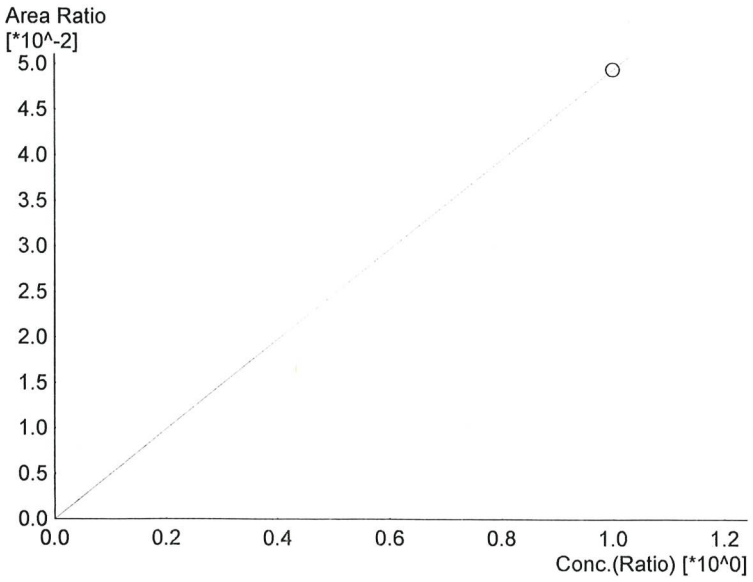
Name : Acetone
Detector Name: FID1
Function : f(x)=0.539189*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	128733	1.0000



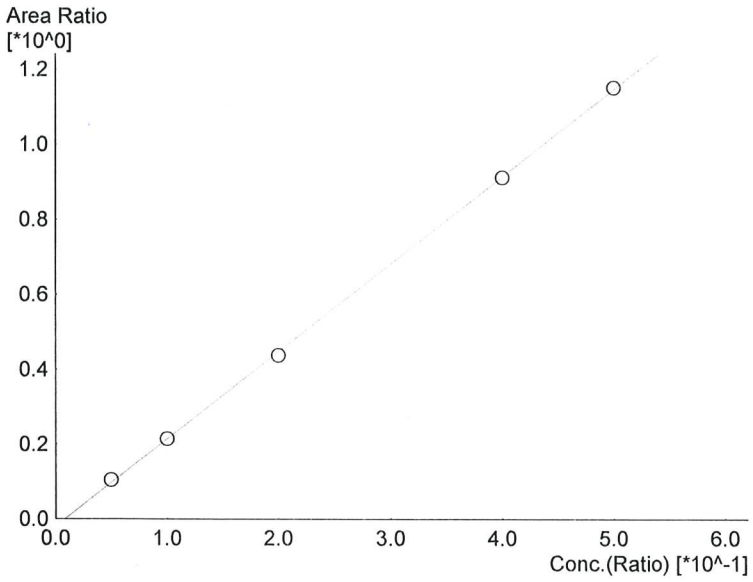
Name : Fluor. Hydrocarbon(s)
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.



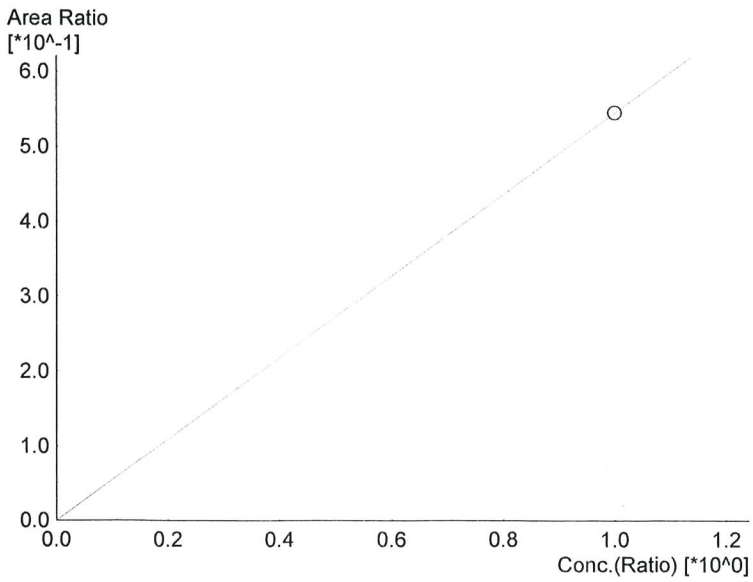
Name : Methanol
Detector Name: FID2
Function : f(x)=0.0494029*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	11847	1.0000



Name : Ethanol
Detector Name: FID2
Function : f(x)=2.33505*x-0.0195309
R^2 value= 0.9997828
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
1	0.050	27066	0.0529
2	0.100	54904	0.1001
3	0.200	114551	0.1957
4	0.400	243021	0.3989
5	0.500	305409	0.5022



Name : Acetone
Detector Name: FID2
Function : f(x)=0.545344*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	130777	1.0000

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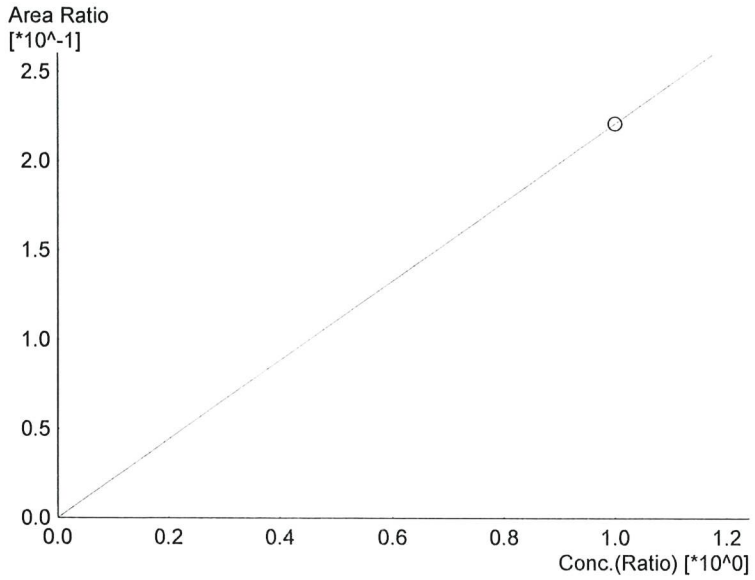
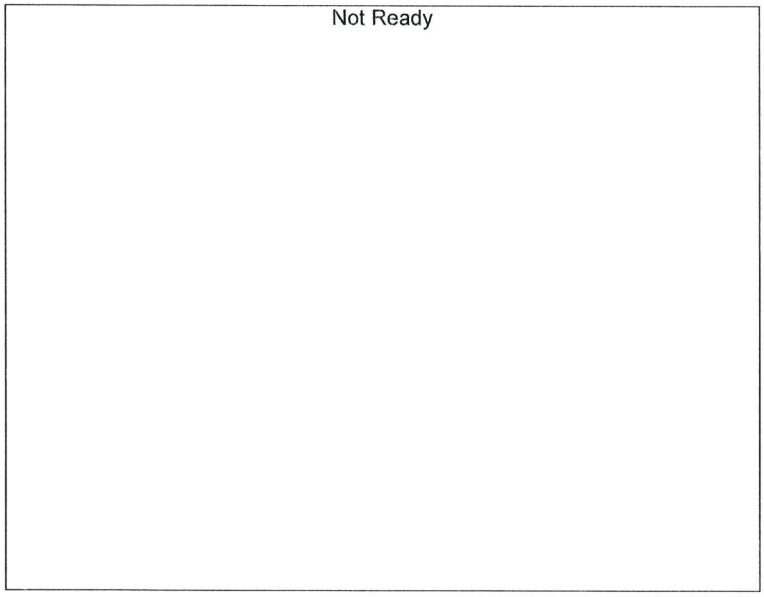


Name : Isopropyl Alcohol
Detector Name: FID2
Function : f(x)=0.221135*x+0
R^2 value= 1.000000
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.
6	1.000	53030	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.

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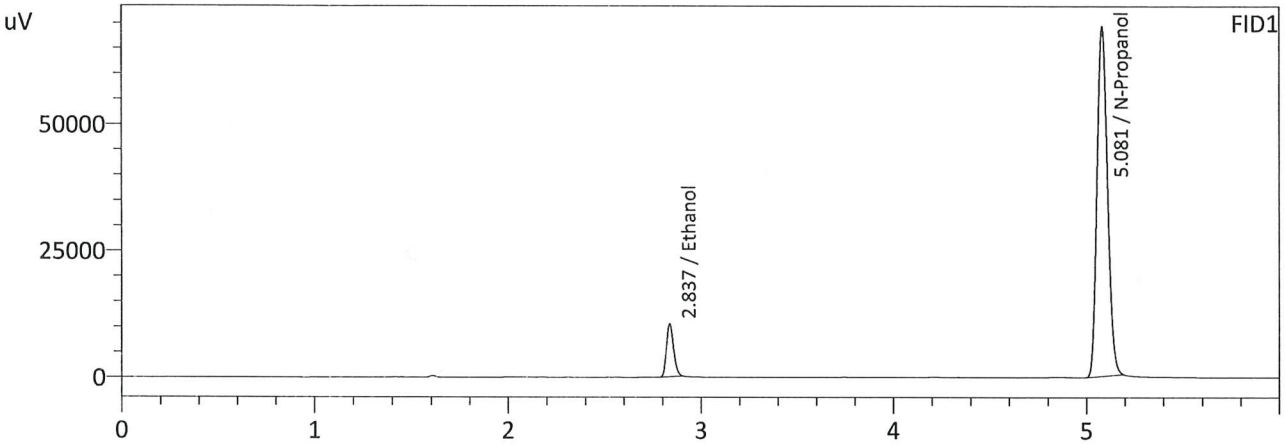
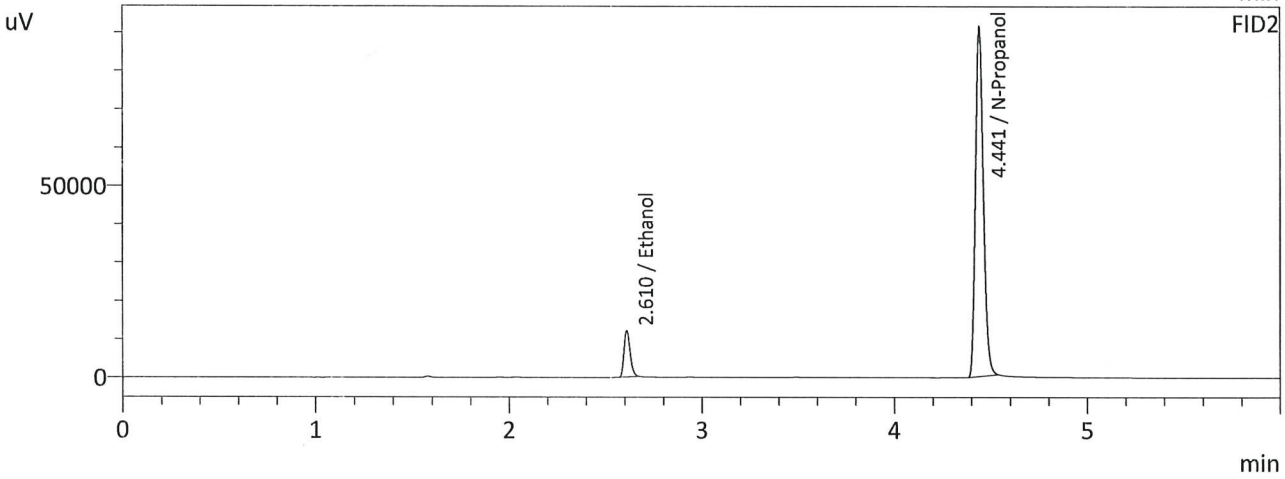
Sample Name : 0.050
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 3:40:03 PM
Vial # : 2
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0523	26811	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	258662	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0529	27066	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	259947	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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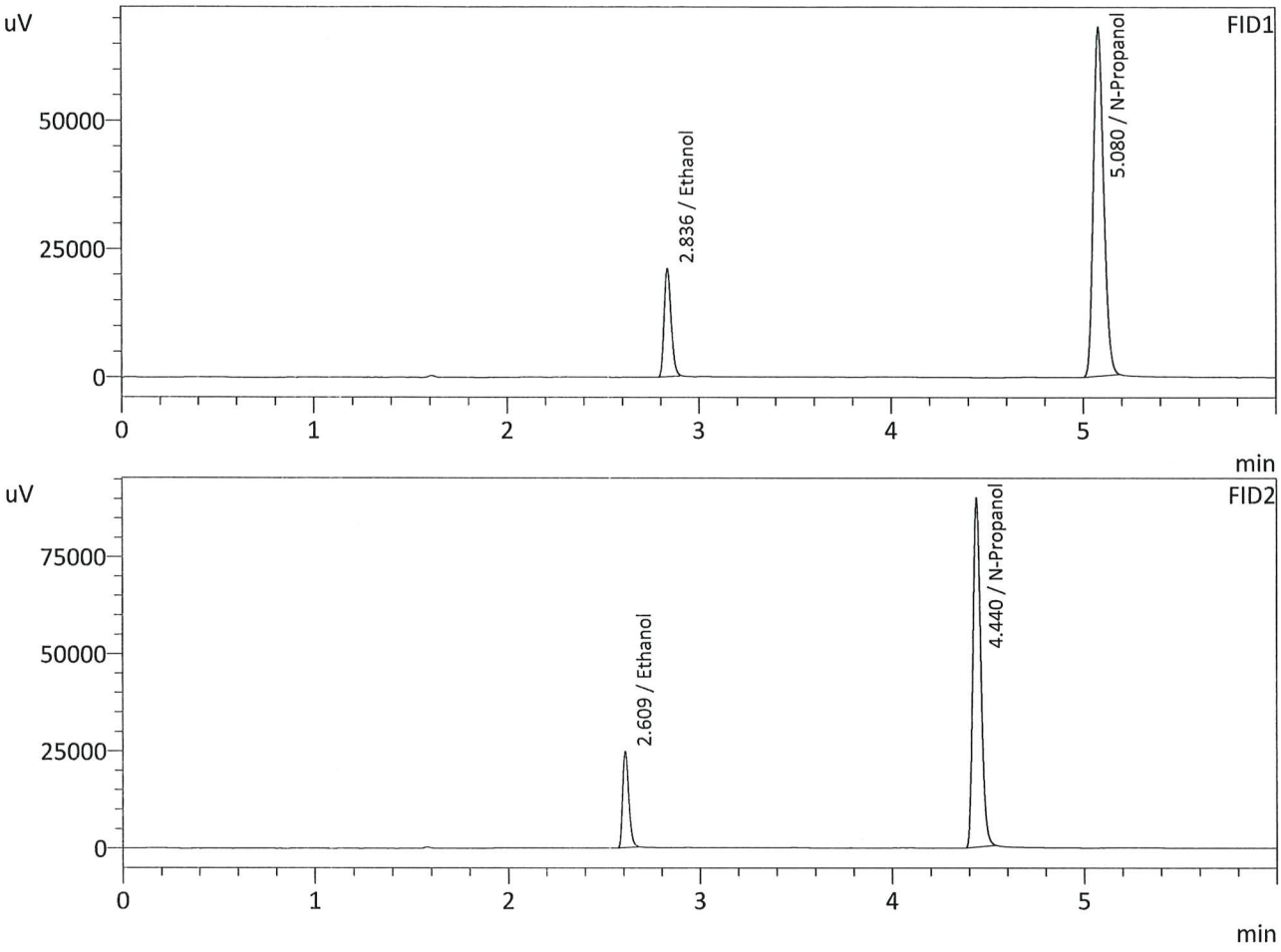
Sample Name : 0.100
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 3:50:47 PM
Vial # : 3
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0998	54080	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	255142	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1001	54904	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	256299	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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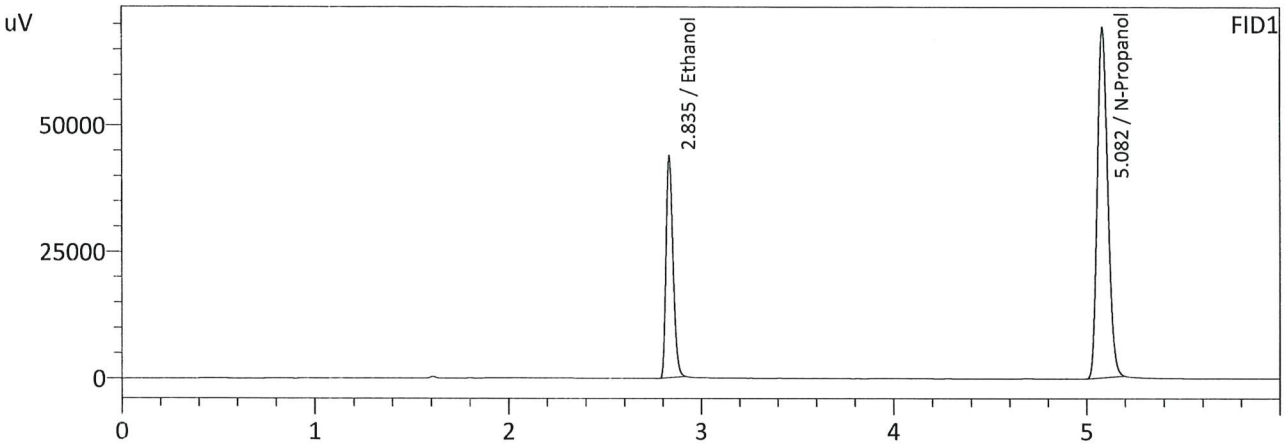
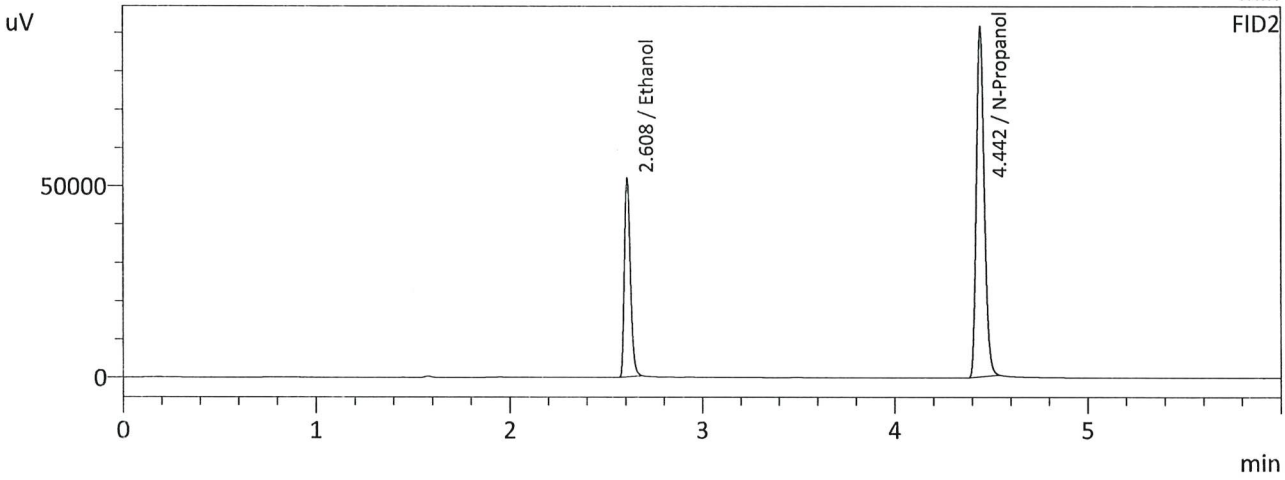
Sample Name : 0.200
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 3:59:27 PM
Vial # : 4
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1967	112560	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	260062	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.1957	114551	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	261752	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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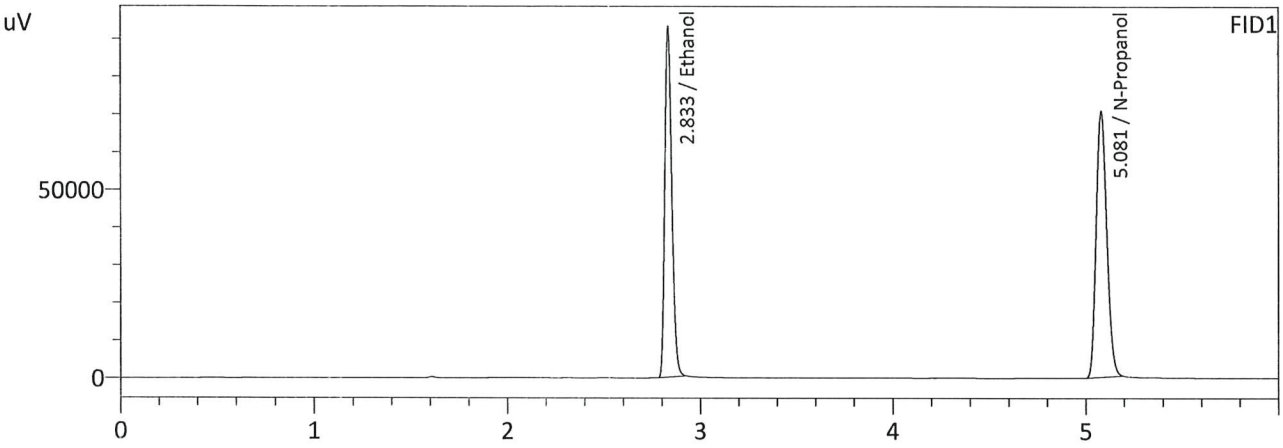
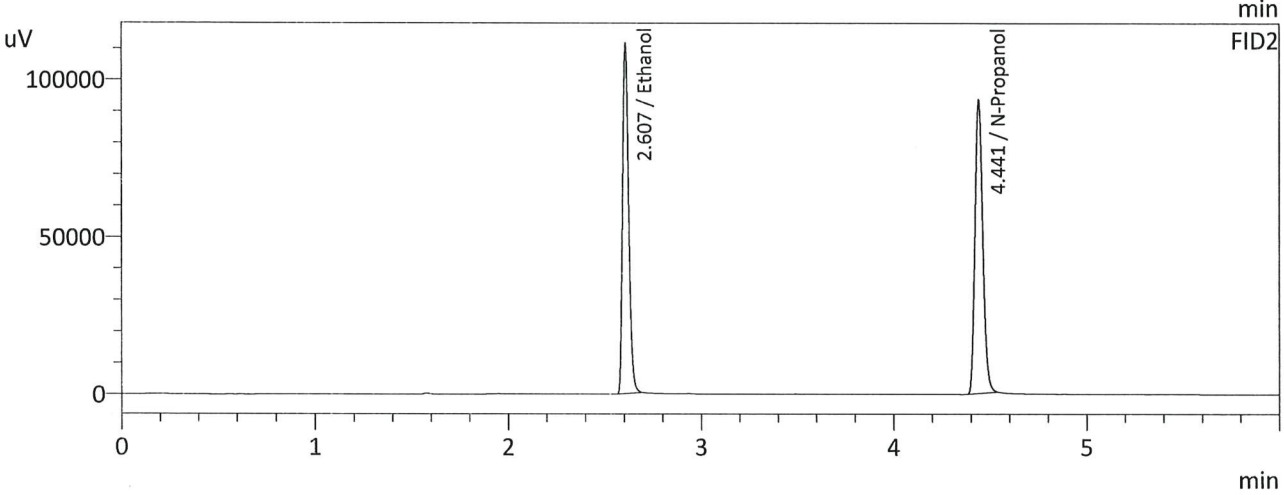
Sample Name : 0.400
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 4:10:10 PM
Vial # : 5
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3995	236680	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	264460	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.3989	243021	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	266470	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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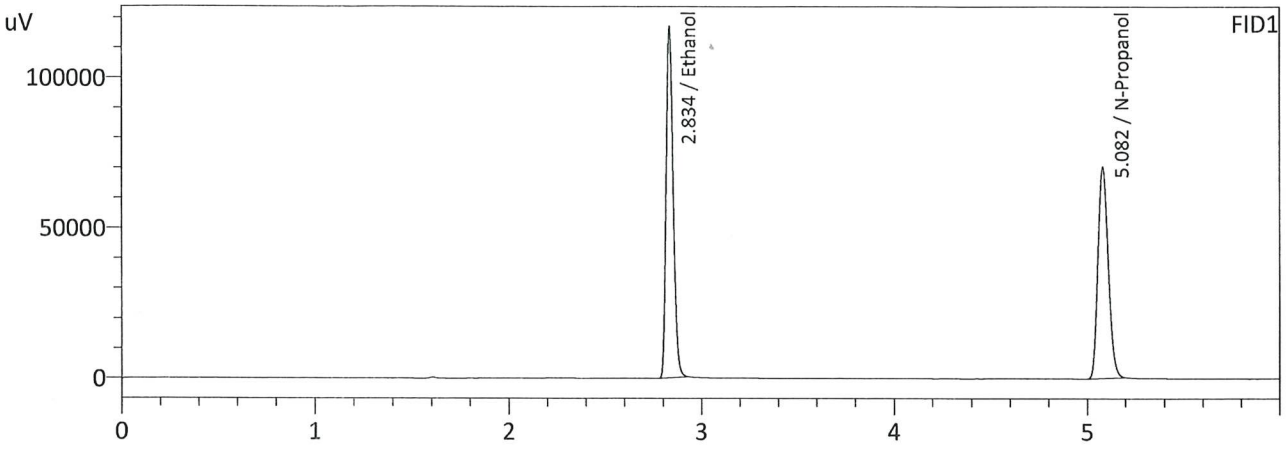
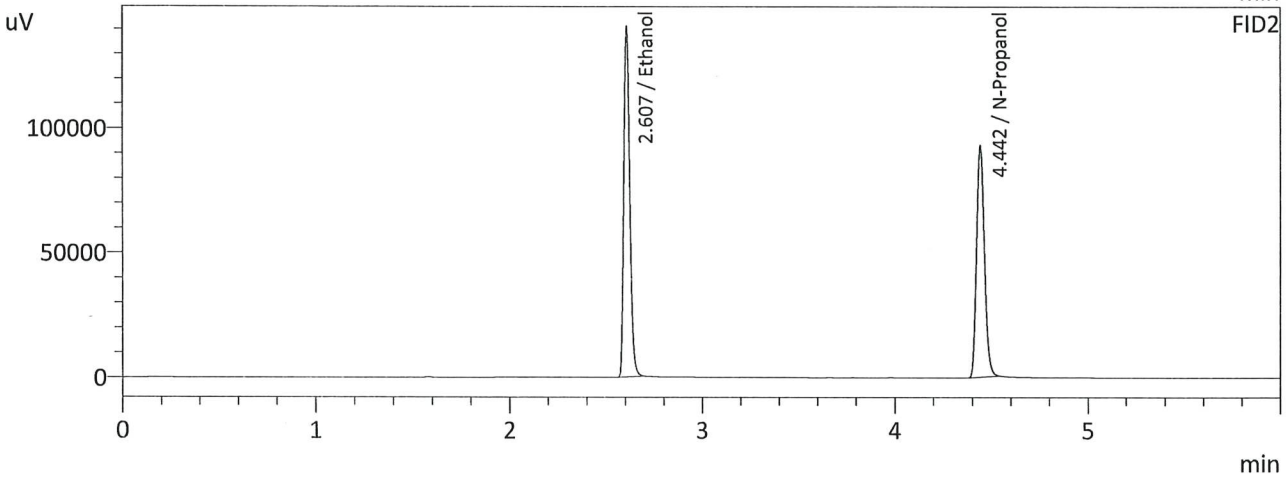
Sample Name : 0.500
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 4:18:50 PM
Vial # : 6
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5014	296480	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	263066	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.5022	305409	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	264841	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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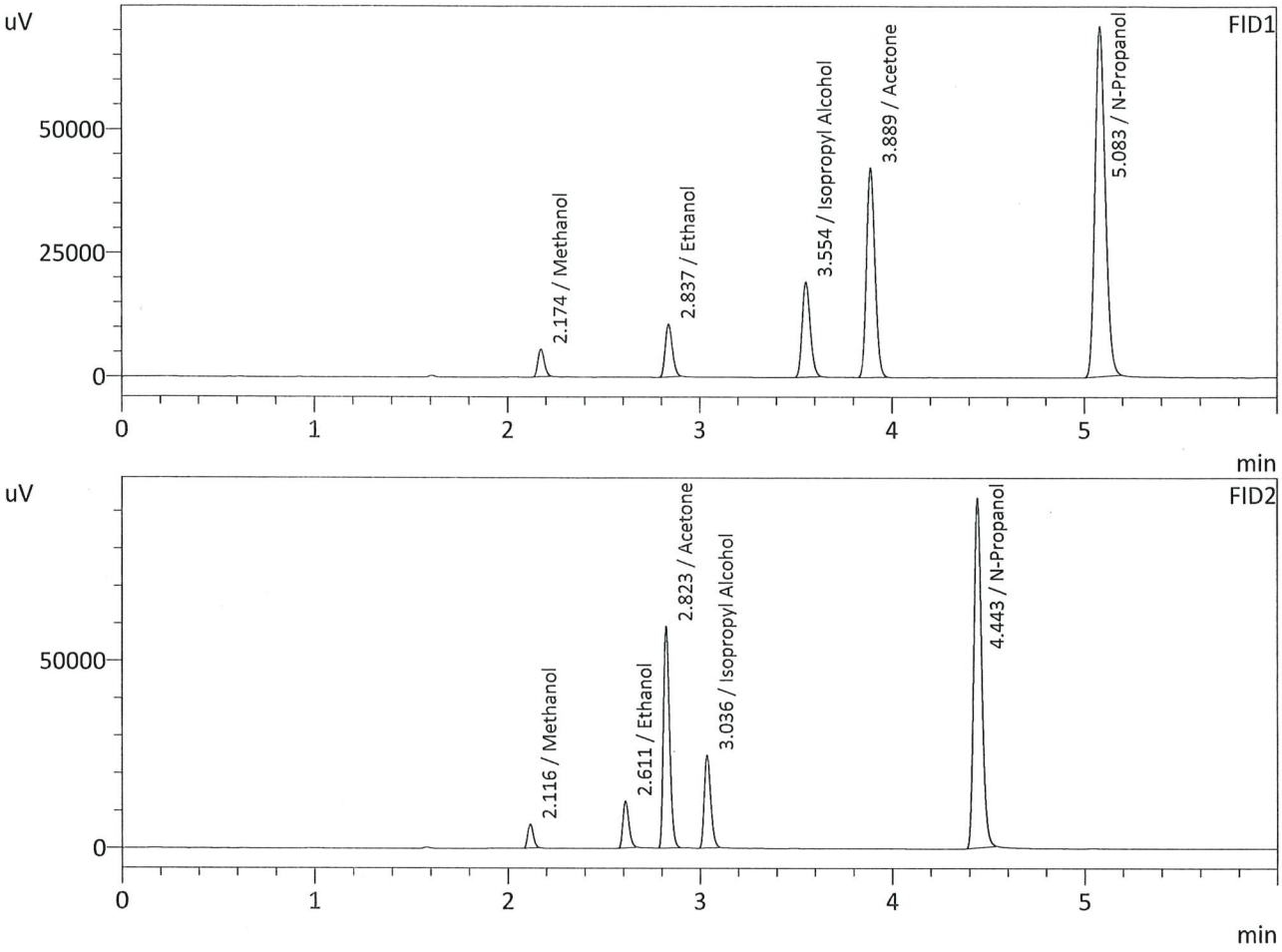
Sample Name : MULTI-COMP MIX
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 4:38:15 PM
Vial # : 8
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	1.0000	12723	g/100cc
Ethanol	0.0522	27376	g/100cc
Isopropyl Alcohol	1.0000	57887	g/100cc
Acetone	1.0000	129825	g/100cc
N-Propanol	0.0000	264865	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	1.0000	13149	g/100cc
Ethanol	0.0529	27774	g/100cc
Acetone	1.0000	131869	g/100cc
Isopropyl Alcohol	1.0000	58213	g/100cc
N-Propanol	0.0000	266539	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

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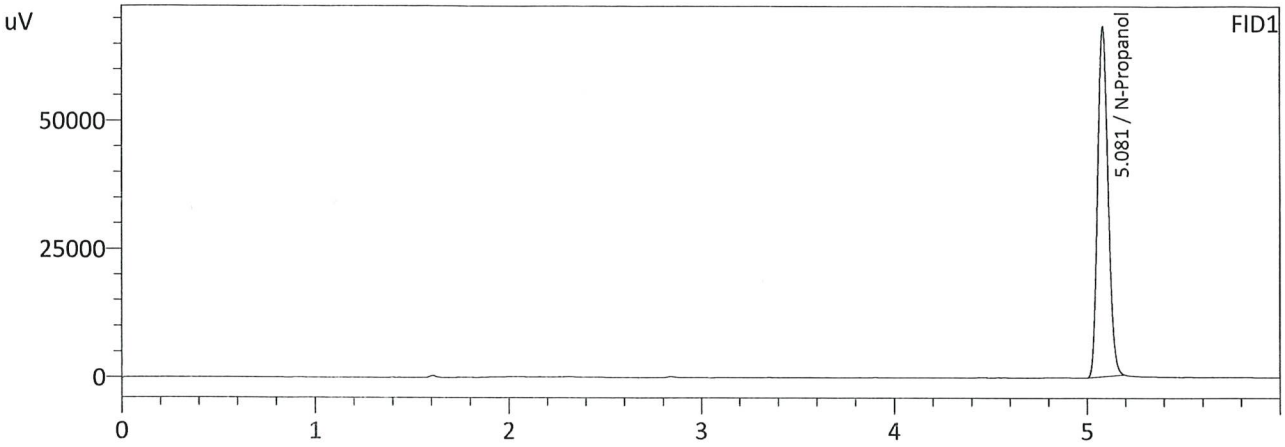
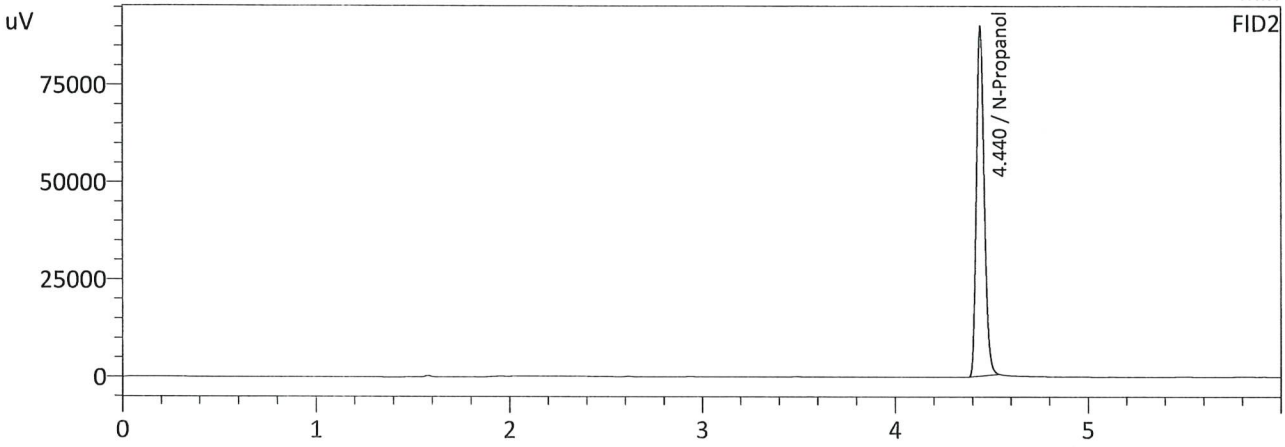
Sample Name : INT STD BLK 1
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 3:31:22 PM
Vial # : 1
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

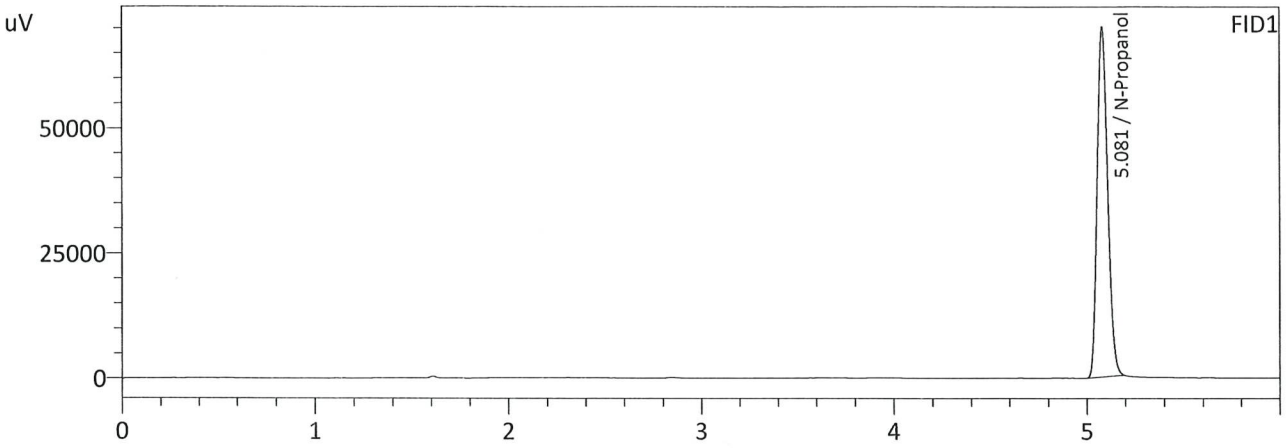
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	255294	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

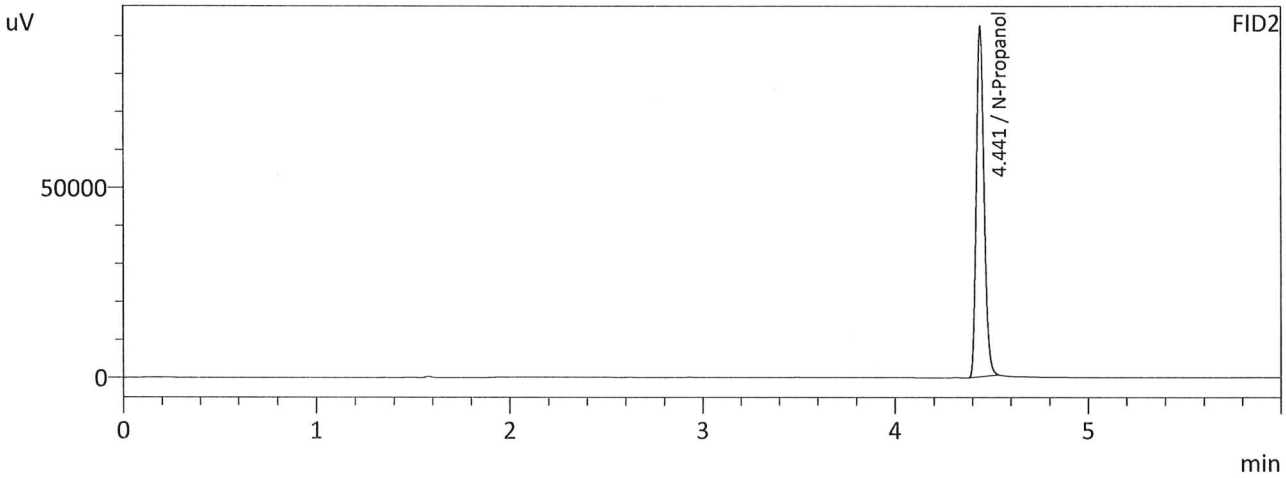
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	256068	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 2
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 4:29:35 PM
Vial # : 7
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

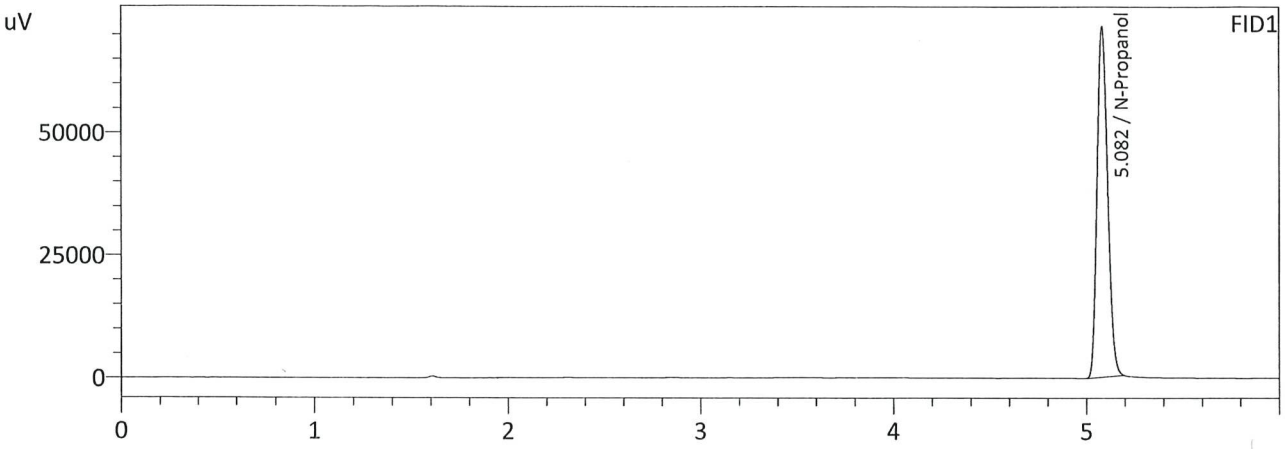
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	261614	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

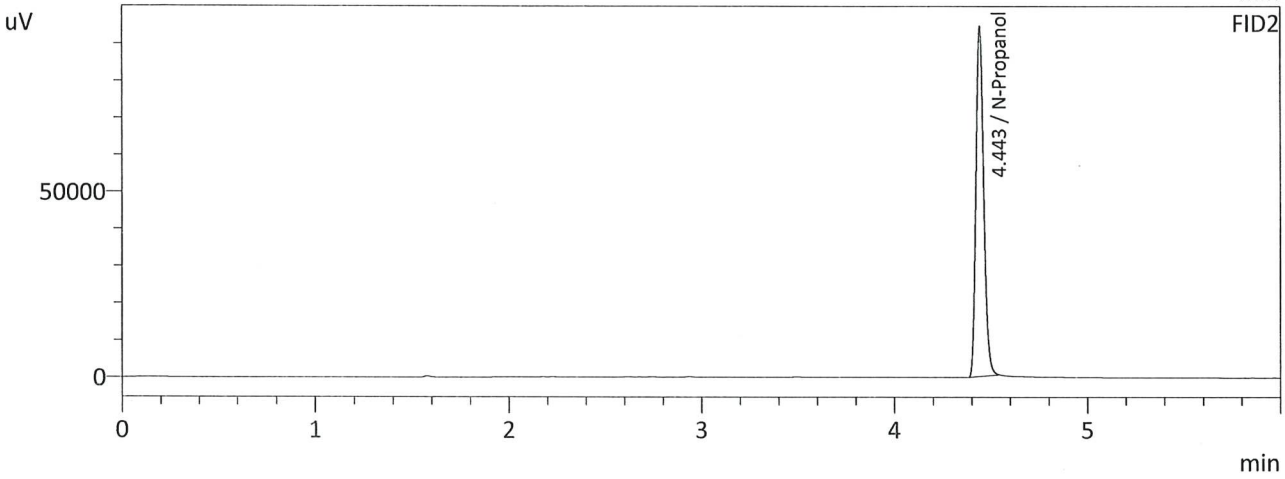
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	262911	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 3
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 4:49:00 PM
Vial # : 9
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

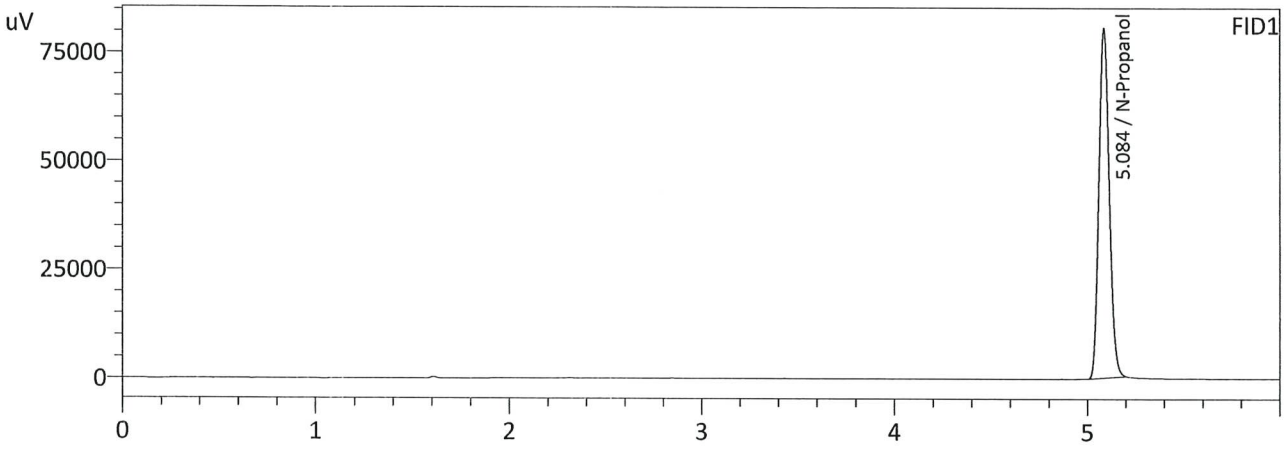
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	267472	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

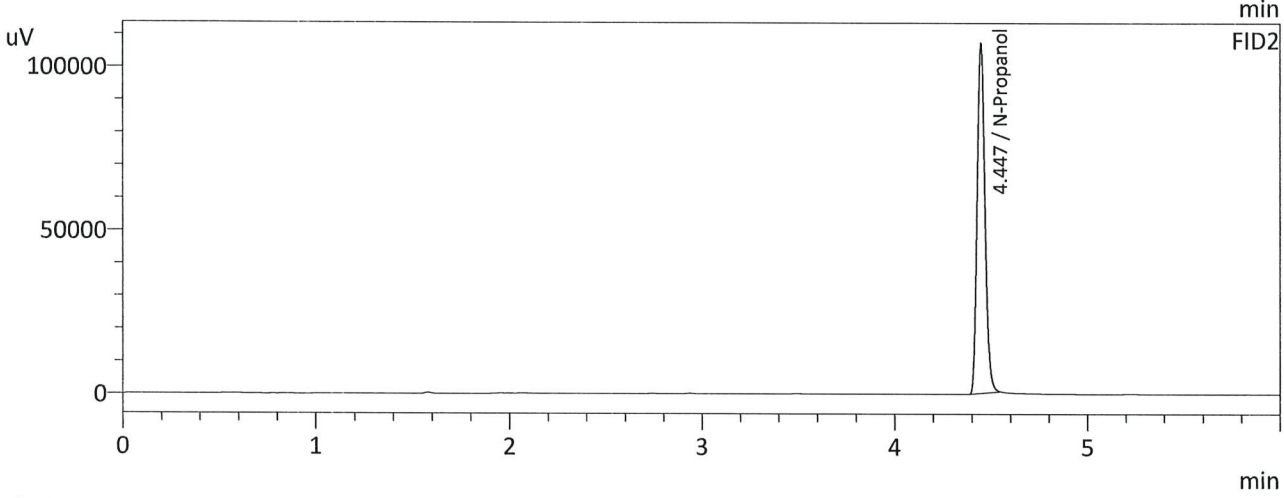
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	--	--	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	269143	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : INT STD BLK 4
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 10:07:09 PM
Vial # : 42
Method Filename : Default Project - ALCOHOL Long.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	301796	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	304428	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA **Analysis Date(s): 6/22/2023 5:17:04 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0841	0.0839	0.0002	0.0840	0.0022	0.0829
(g/100cc)	0.0817	0.0819	0.0002	0.0818		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

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

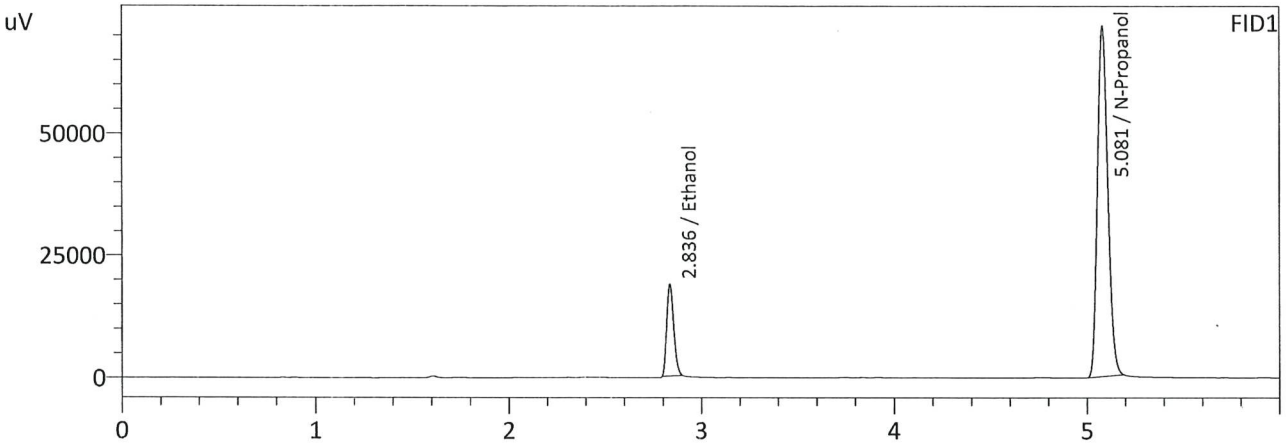
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.082	0.077	0.087	0.005

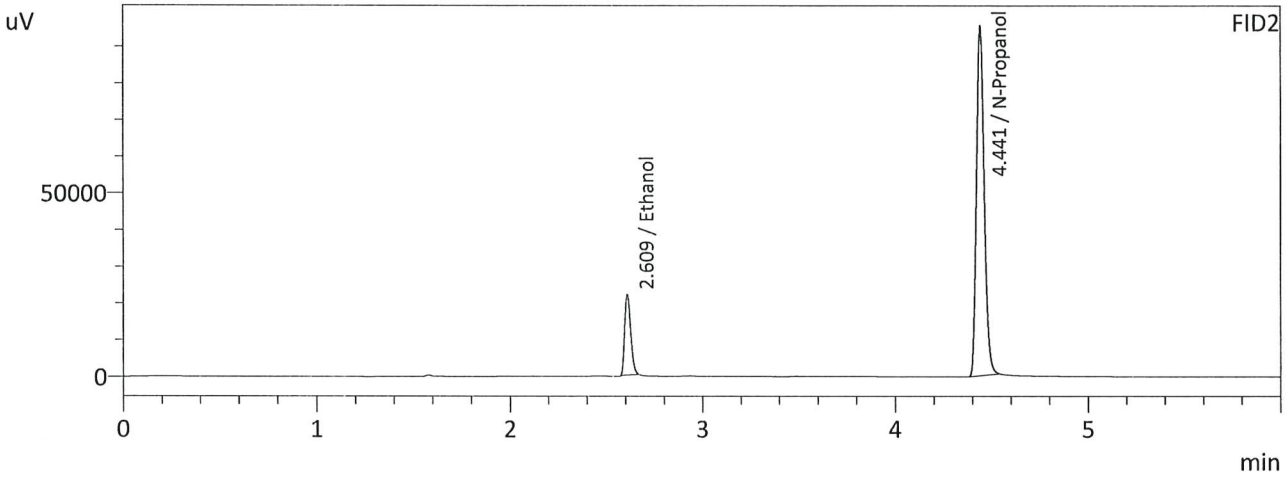
Reported Results
0.082

Calibration and control data are stored centrally.

99

Sample Name : 0.08 QA
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 5:17:04 PM
Vial # : 12
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

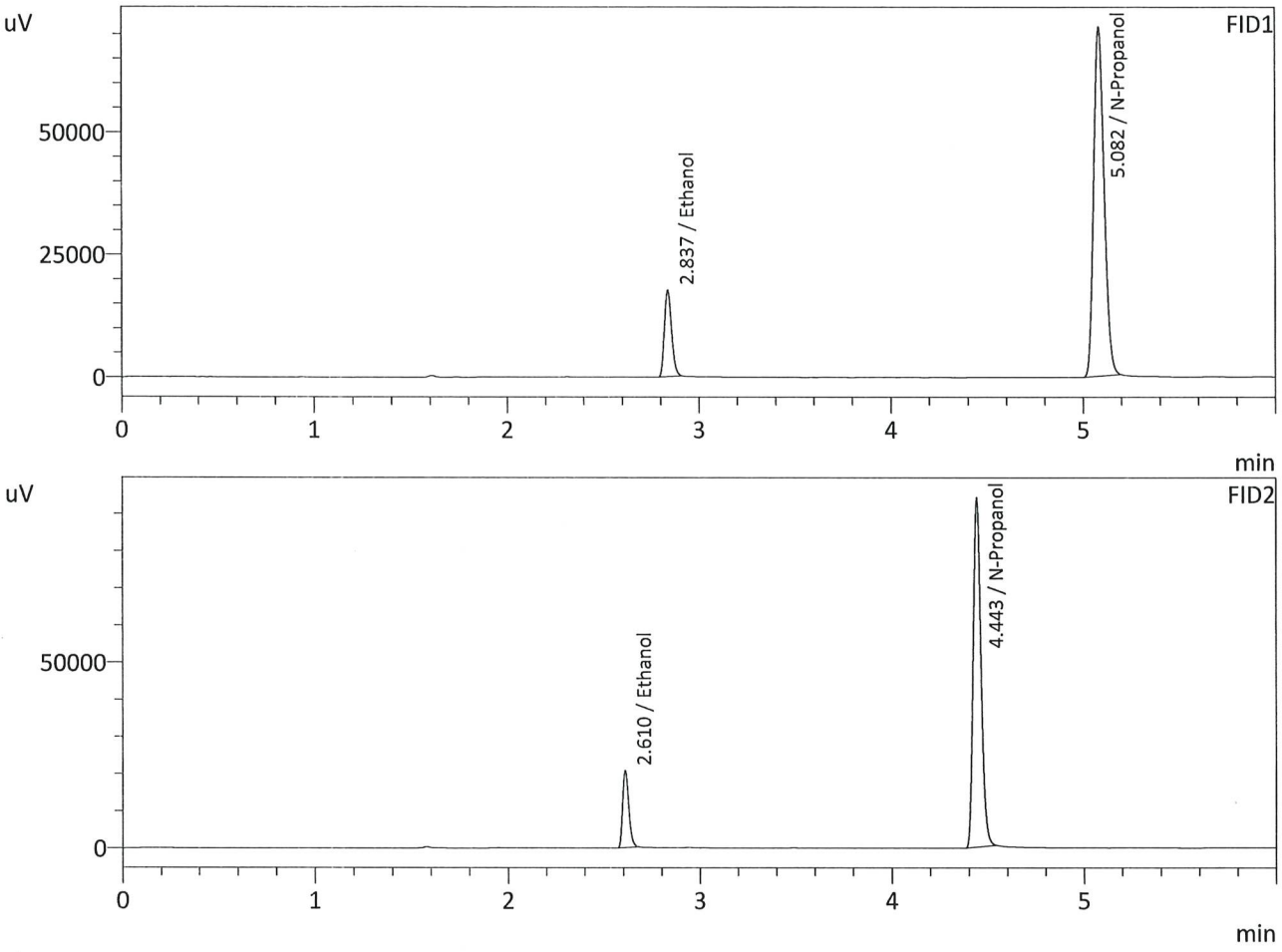
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0841	47289	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	268604	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0839	47755	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	270413	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : 0.08 QA - B
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 5:27:49 PM
Vial # : 13
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0817	45519	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	266668	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0819	46118	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	268351	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-1 **Analysis Date(s): 6/22/2023 4:57:40 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0805	0.0805	0.0000	0.0805	0.0006	0.0802
(g/100cc)	0.0800	0.0799	0.0001	0.0799		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

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

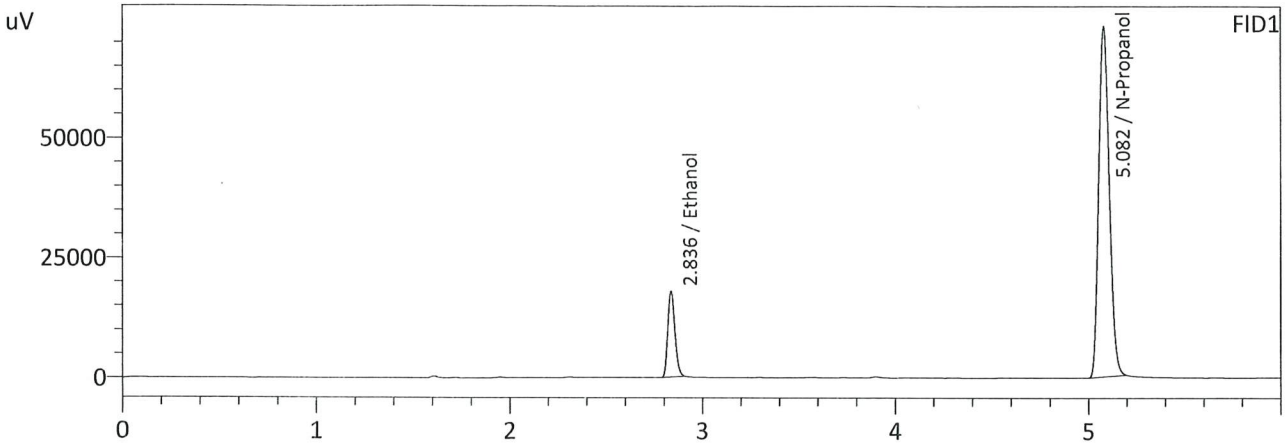
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

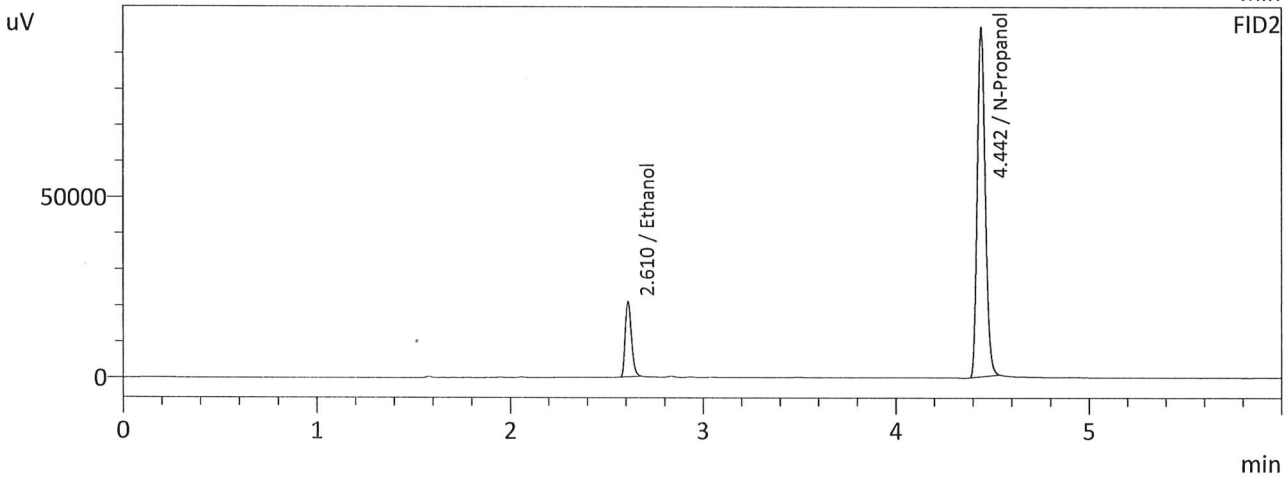
Reported Results
0.080

Calibration and control data are stored centrally.

99

Sample Name : QC-1-1
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 4:57:40 PM
Vial # : 10
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

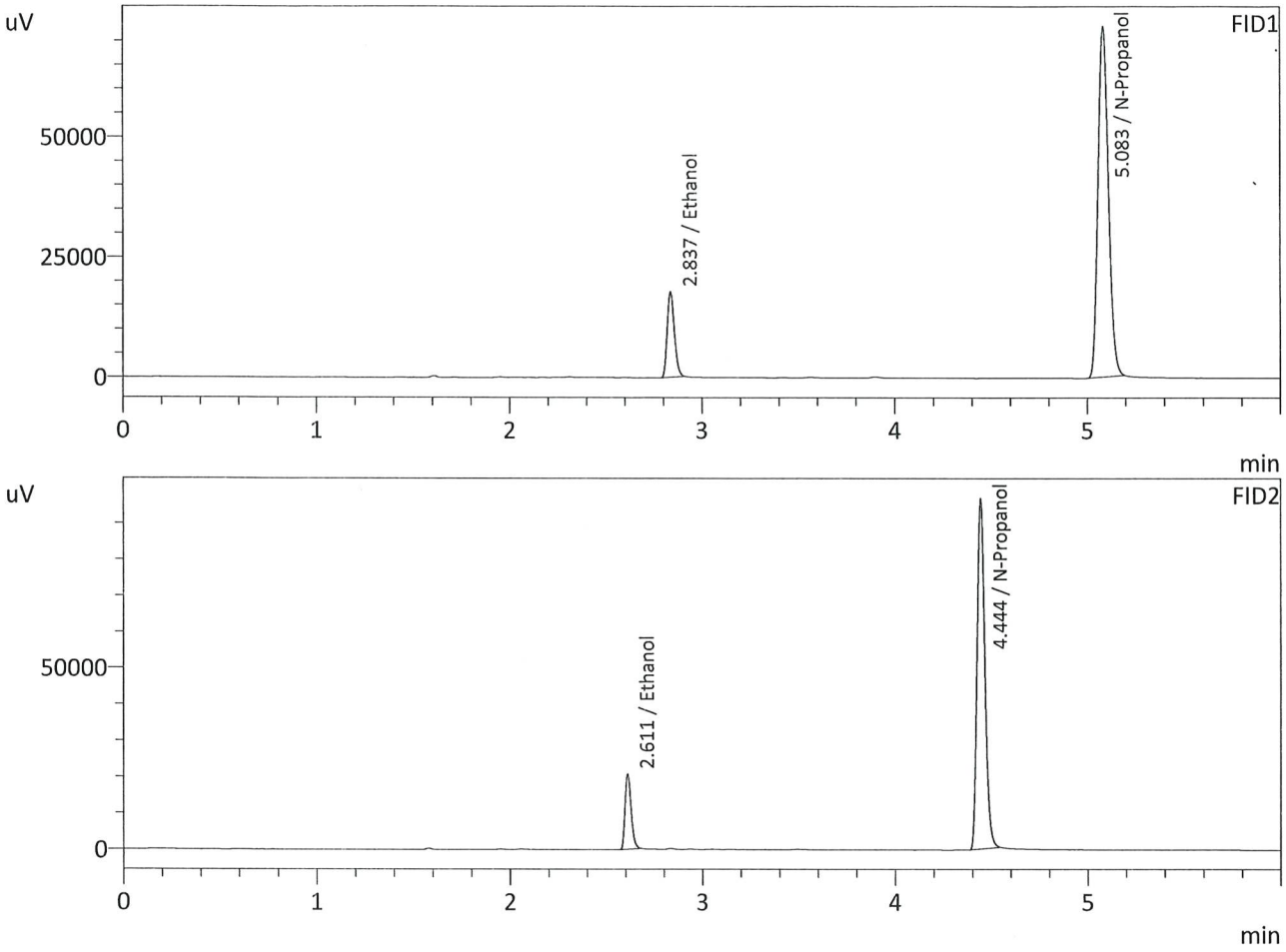
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0805	46056	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	274159	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0805	46524	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	275855	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-1-B
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 5:08:24 PM
Vial # : 11
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0800	45567	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	273068	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0799	46041	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	275313	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-2 **Analysis Date(s): 6/22/2023 8:31:21 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0809	0.0807	0.0002	0.0808	0.0001	0.0807
(g/100cc)	0.0809	0.0806	0.0003	0.0807		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

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

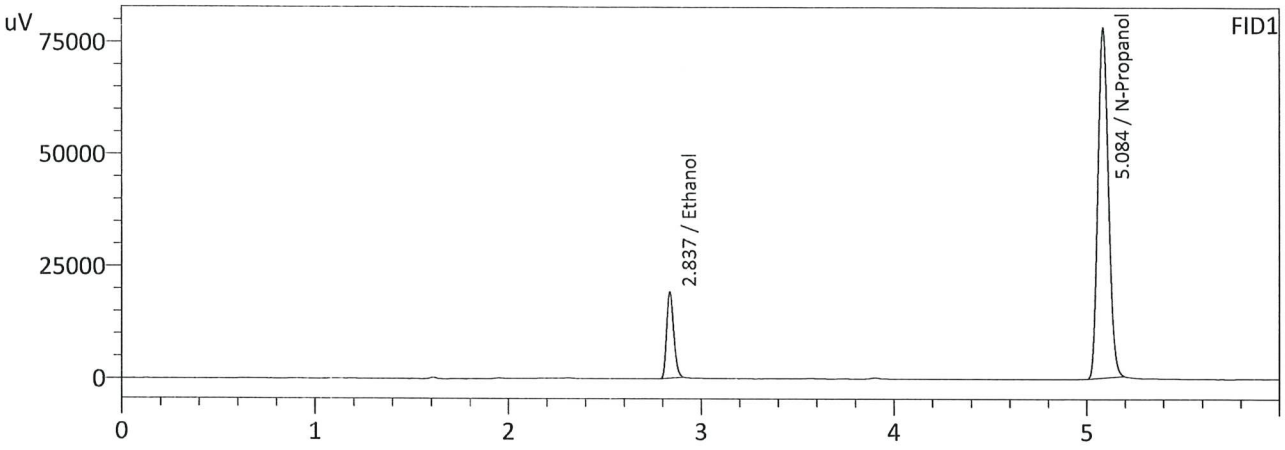
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

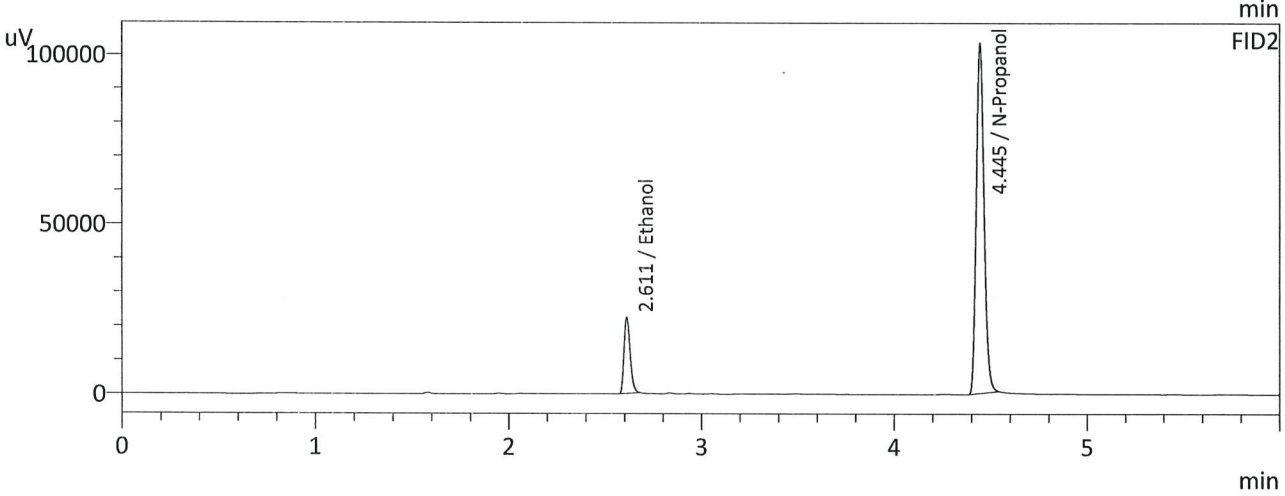
Reported Results
0.080

Calibration and control data are stored centrally.

99

Sample Name : QC-1-2
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 8:31:21 PM
Vial # : 32
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

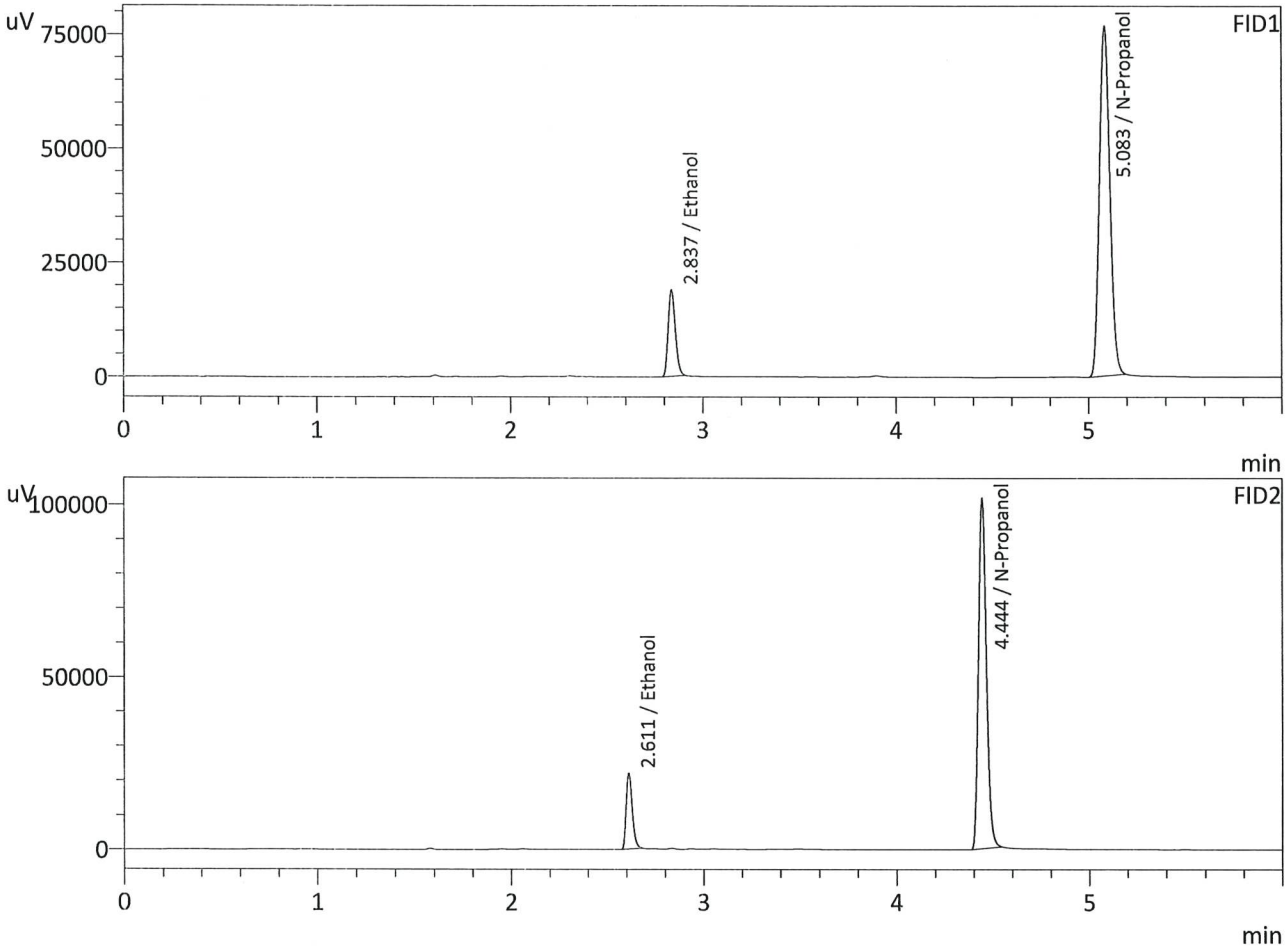
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0809	49269	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	291877	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0807	49617	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	293684	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-2-B
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 8:41:03 PM
Vial # : 33
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181



FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0809	48607	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	287808	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0806	48909	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	289607	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC-1-3 **Analysis Date(s): 6/22/2023 9:48:06 PM(-07:00)**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0807	0.0803	0.0004	0.0805	0.0005	0.0807
(g/100cc)	0.0812	0.0809	0.0003	0.0810		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information — Instrument information is stored centrally.

Refer To Instrument Method: ALCOHOL Long.gcm

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

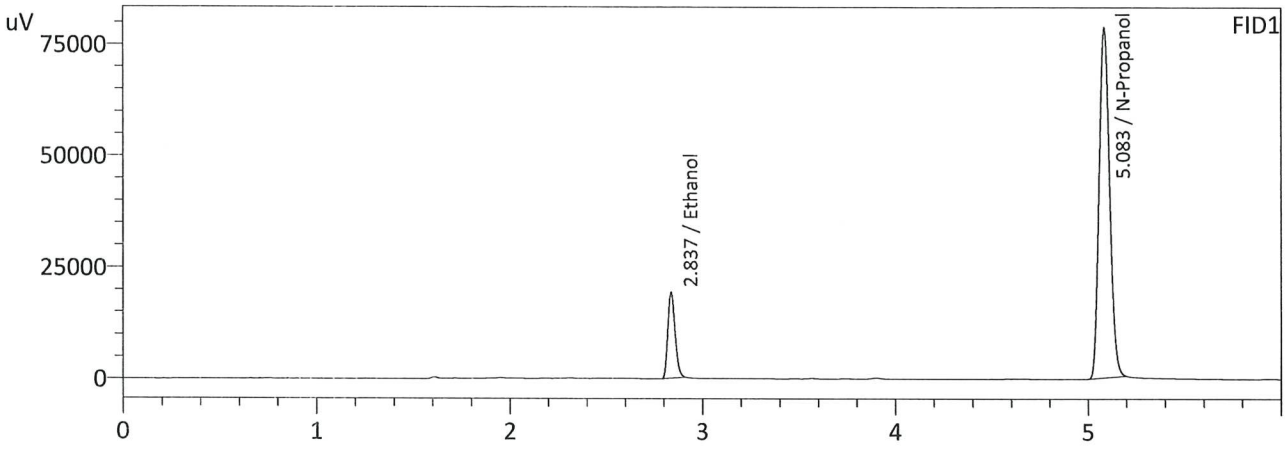
Overall Mean (g/100cc)	Low	High	5 % of Mean
0.080	0.076	0.084	0.004

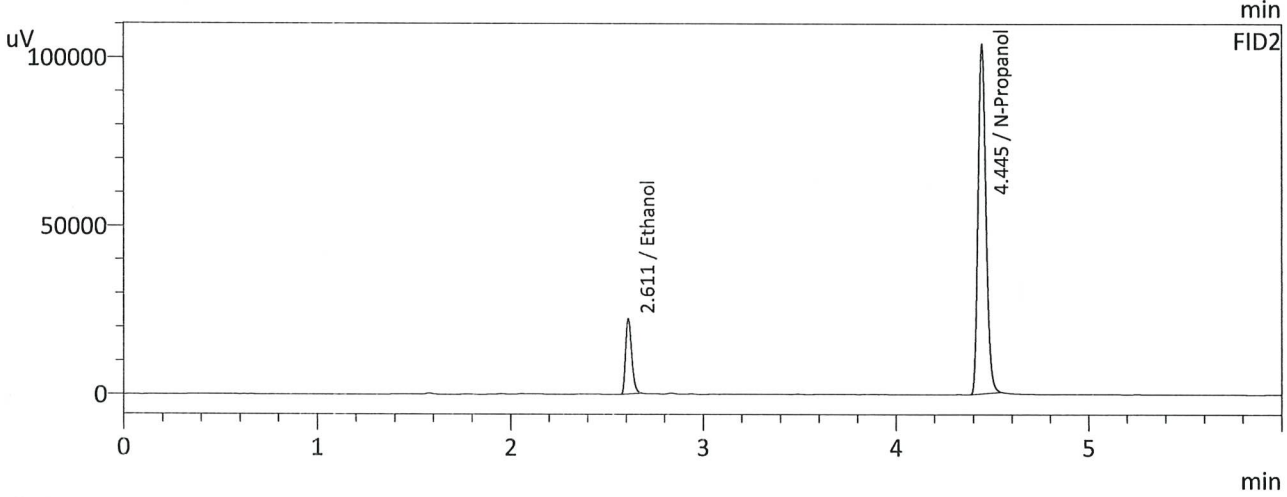
Reported Results
0.080

Calibration and control data are stored centrally.

99

Sample Name : QC-1-3
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 9:48:06 PM
Vial # : 40
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

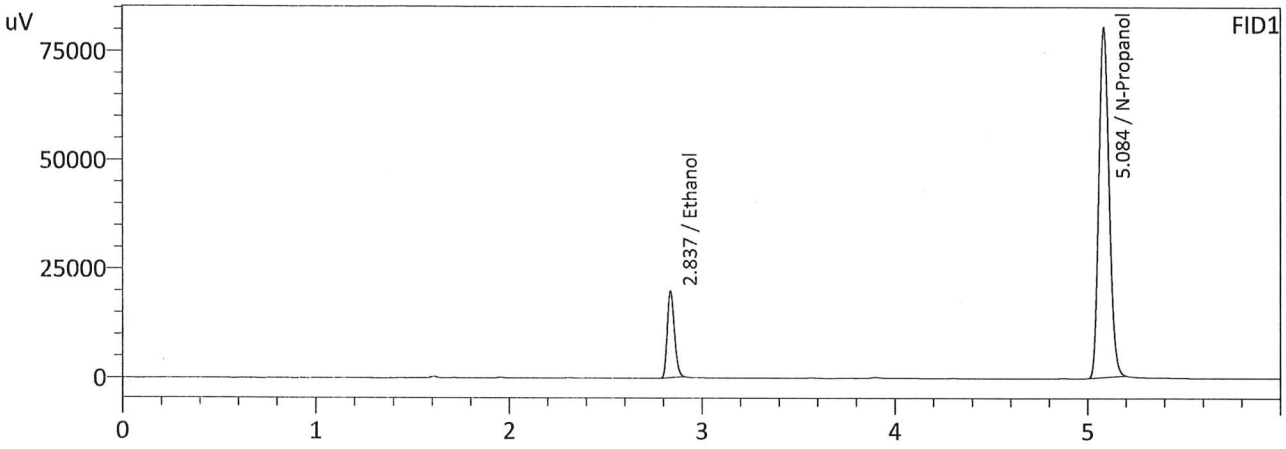
Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0807	49379	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	293281	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

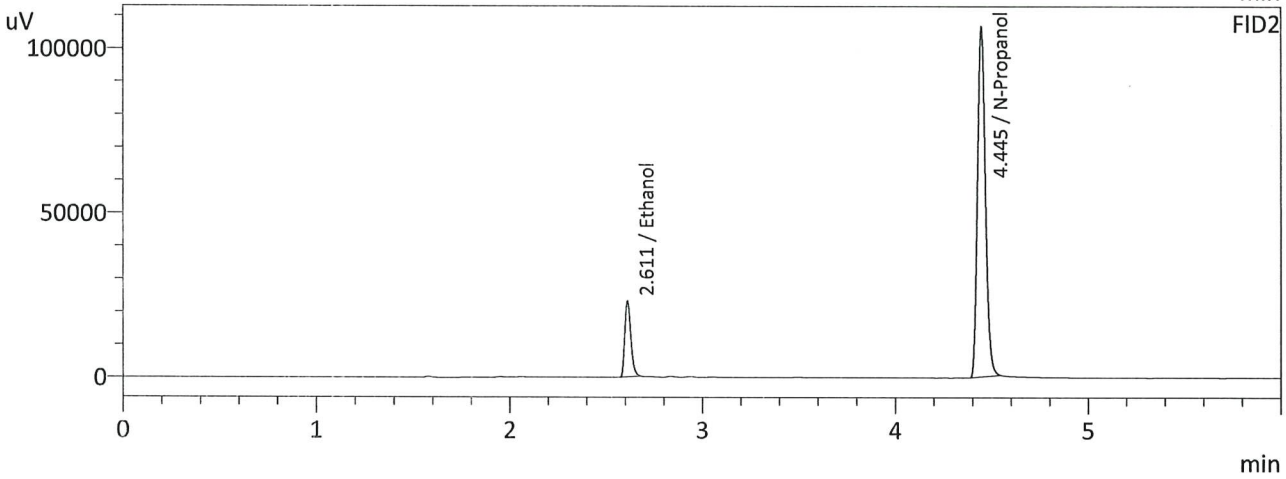
FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0803	49685	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	295694	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc

99

Sample Name : QC-1-3-B
Laboratory : Coeur d' Alene Lab
Injection Date : 6/22/2023 9:58:14 PM
Vial # : 41
Method Filename : Default Project - ALCOHOL Long.gcm
Instrument #GC/HS : C12255850700 / C12595700181





FID1

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0812	51034	g/100cc
Isopropyl Alcohol	--	--	g/100cc
Acetone	--	--	g/100cc
N-Propanol	0.0000	301041	g/100cc
Fluor. Hydrocarbon(s)	--	--	g/100cc

FID2

Name	Conc.	Area	Unit
Methanol	--	--	g/100cc
Ethanol	0.0809	51412	g/100cc
Acetone	--	--	g/100cc
Isopropyl Alcohol	--	--	g/100cc
N-Propanol	0.0000	303509	g/100cc
Flour. Hydrocarbon(s)	--	--	g/100cc