

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 08/22/2023 SEQUENCE NAME 22Aug23

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN11172002 0.99999
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 011823WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.201 g/dL	ACQ 4110320133/10
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
40	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 30012020-A
41	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
42	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/10
43	Blank	Not detected	Not detected	SPD lab 060223AQ

SUBJECT SAMPLES

Subjects in the sequence 14 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Erika Camonico Analyst
 Run valid Run invalid [Signature] Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

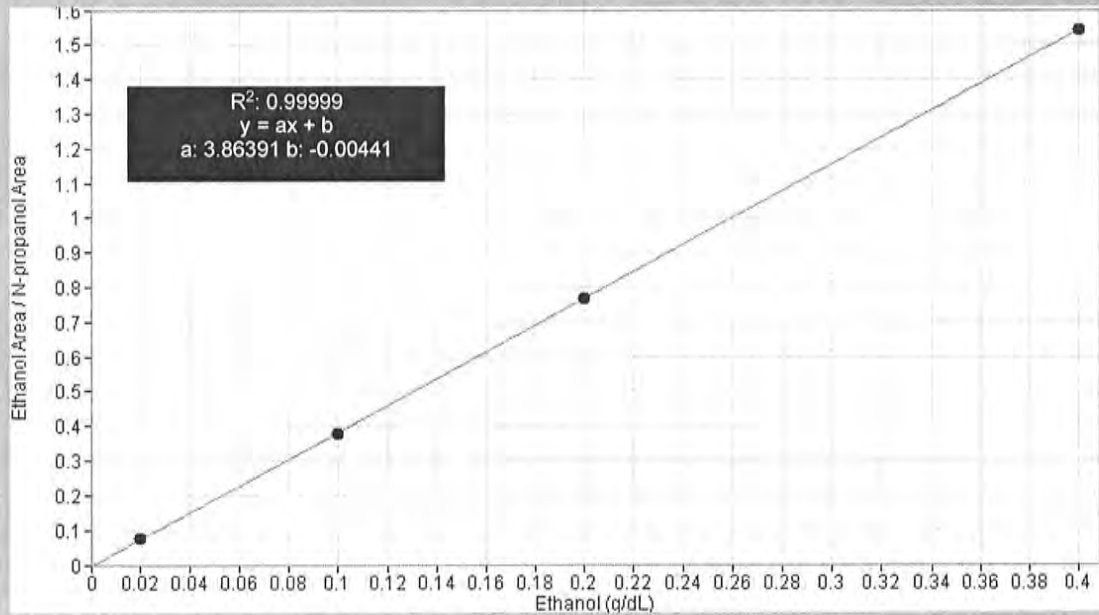
SEQUENCE NAME: 22Aug23

ANALYST: Canonico EE

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
011823WB	5	negative	negative	-	-
0.400 30012020-A	7	0.400	0.400	0.00	0.000
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.199 4110320133/10	9	0.201	0.199	1.01	0.002
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.080 20012020-B	31	0.081	0.080	1.25	0.001
0.400 30012020-A	40	0.404	0.400	1.00	0.004
0.040 14082019-B	41	0.040	0.040	0.00	0.000
0.199 4110320133/10	42	0.202	0.199	1.51	0.003
blank 060223AQ	43	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.829	158.434	0.075
0.100	59.921	157.500	0.381
0.200	120.670	157.275	0.767
0.400	241.969	156.918	1.542

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03122113	Vial: 1
Description: 0.020 calibrator	Sequence: 22Aug23
Method: ethanol quant.M	Injection date: 8/22/2023 11:00:32 AM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Chem32\1\Data\22Aug23\1.D	

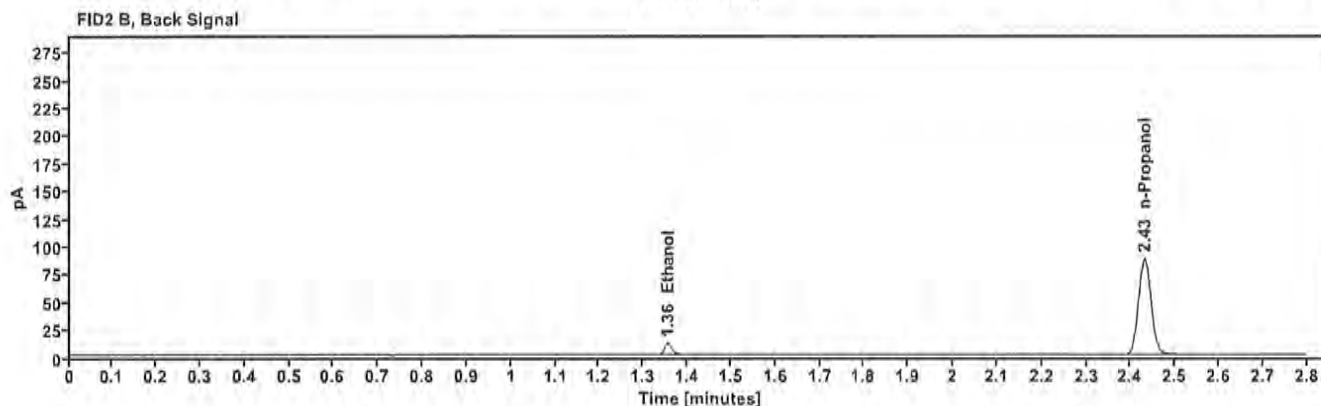
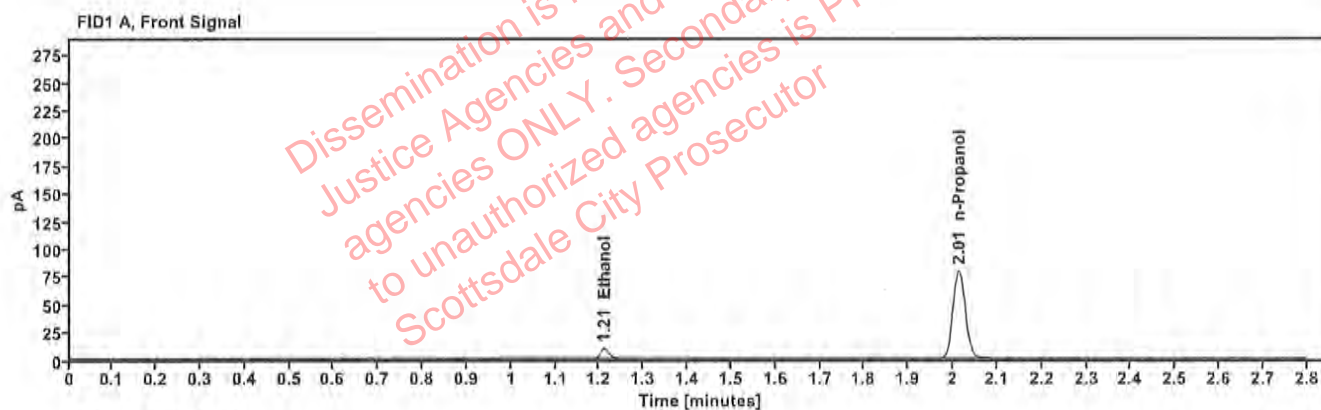


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	11.829
n-Propanol	2.013	158.434

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	12.888
n-Propanol	2.431	171.863

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN11172002	Vial: 2
Description: 0.100 calibrator	Sequence: 22Aug23
Method: ethanol quant.M	Injection date: 8/22/2023 11:04:33 AM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\22Aug23\2.D	

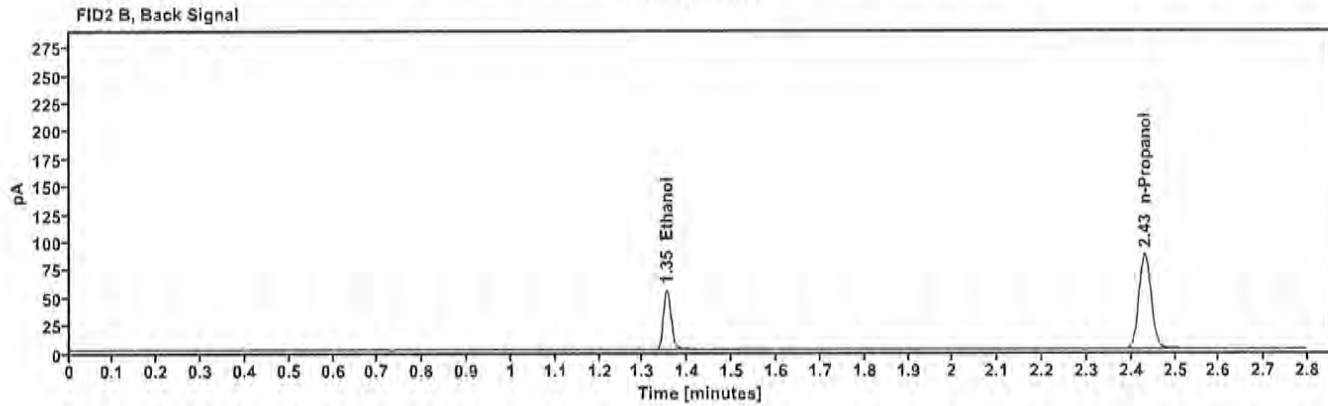
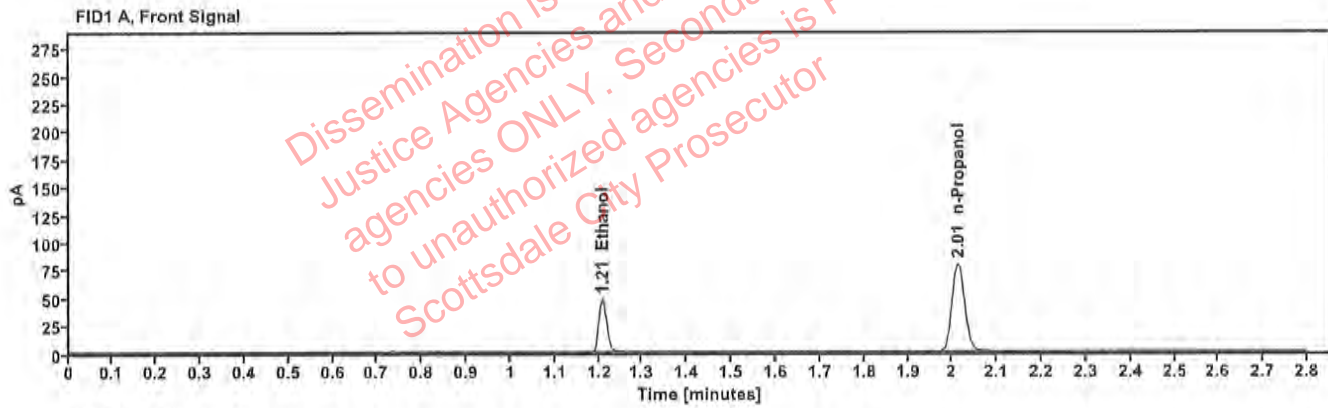


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	59.921
n-Propanol	2.013	157.500

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.353	65.294
n-Propanol	2.431	170.822

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03132302	Vial: 3
Description: 0.200 calibrator	Sequence: 22Aug23
Method: ethanol quant.M	Injection date: 8/22/2023 11:08:32 AM
Instrument: US14173023 CN14160045	Analyst: Canonico ec
Data file: C:\Chem32\1\Data\22Aug23\3.D	

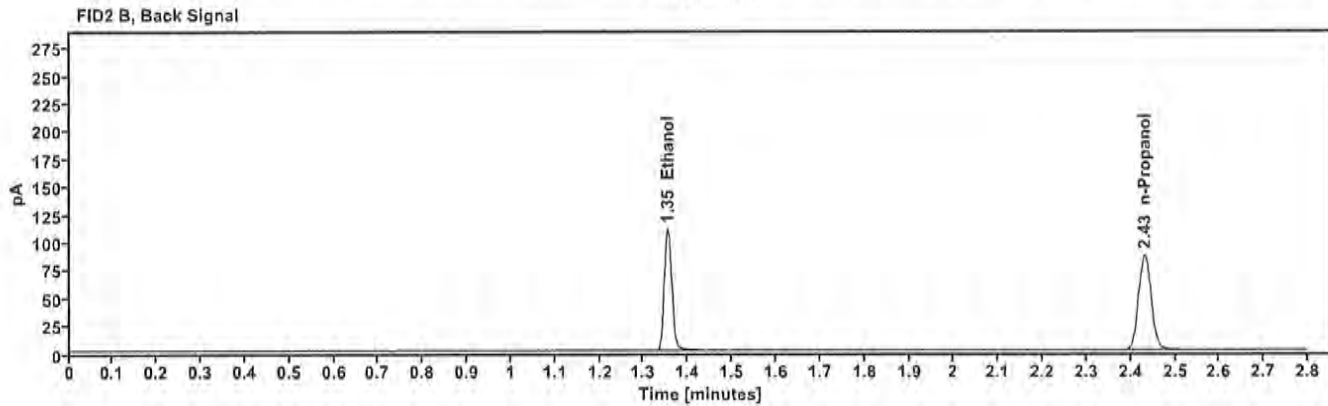
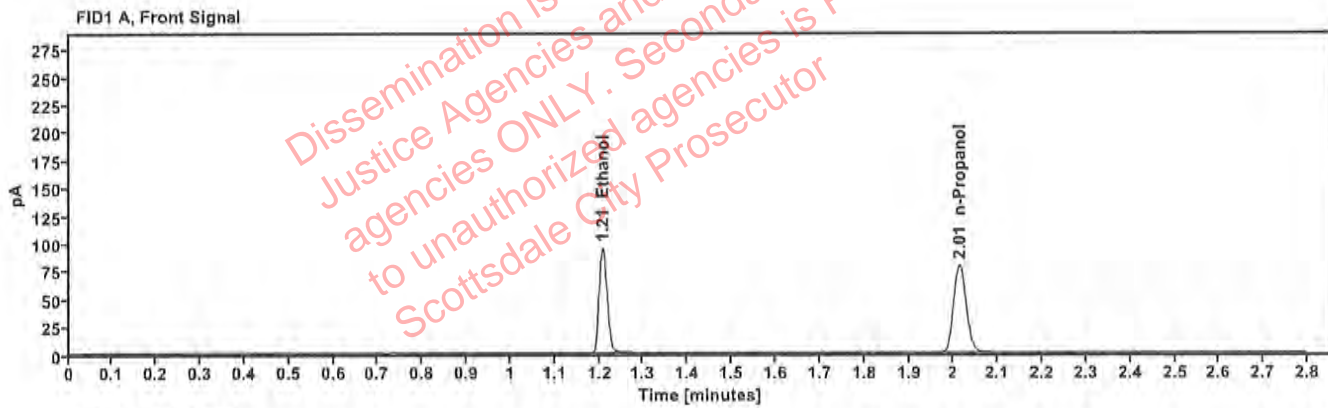


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	120.670
n-Propanol	2.013	157.275

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	131.777
n-Propanol	2.431	170.742

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	22Aug23
Method:	ethanol quant.M	Injection date:	8/22/2023 11:12:32 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ee
Data file:	C:\Chem32\1\Data\22Aug23\4.D		

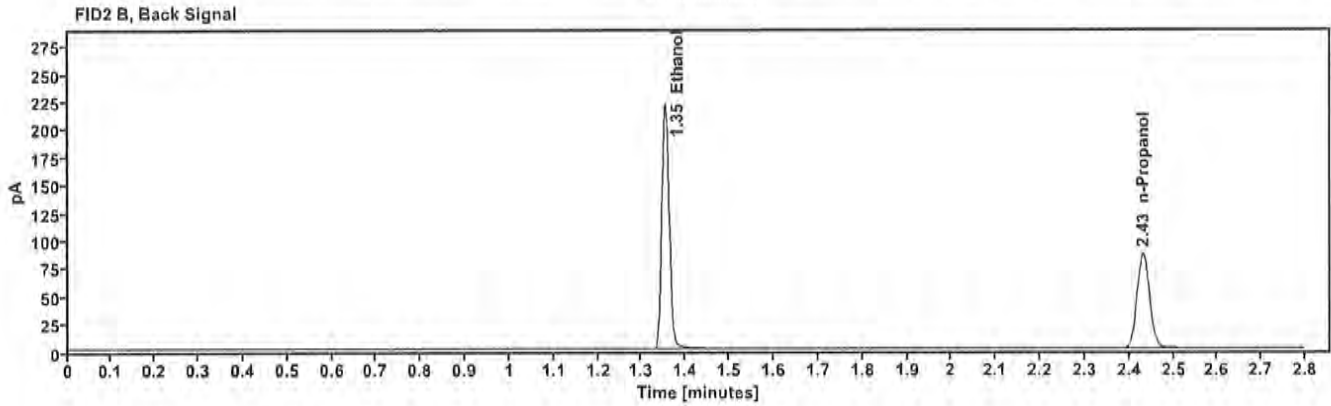
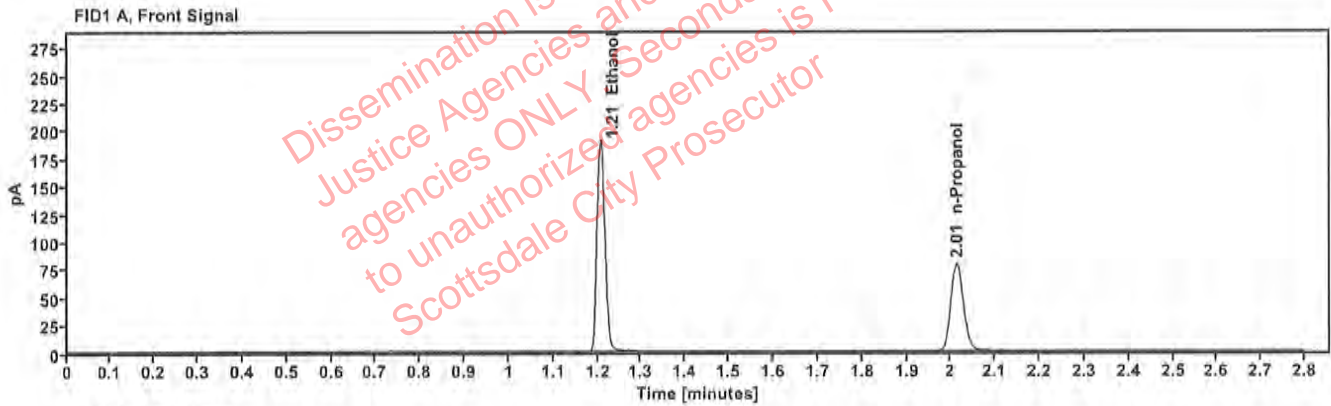


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	241.969
n-Propanol	2.013	156.918

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.353	265.475
n-Propanol	2.431	170.284

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 011823WB	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 22Aug23
Instrument: US14173023 CN14160045	Injection date: 8/22/2023 11:16:33 AM
Data file: C:\Chem32\1\Data\22Aug23\5.D	Analyst: Canonico <i>ec</i>

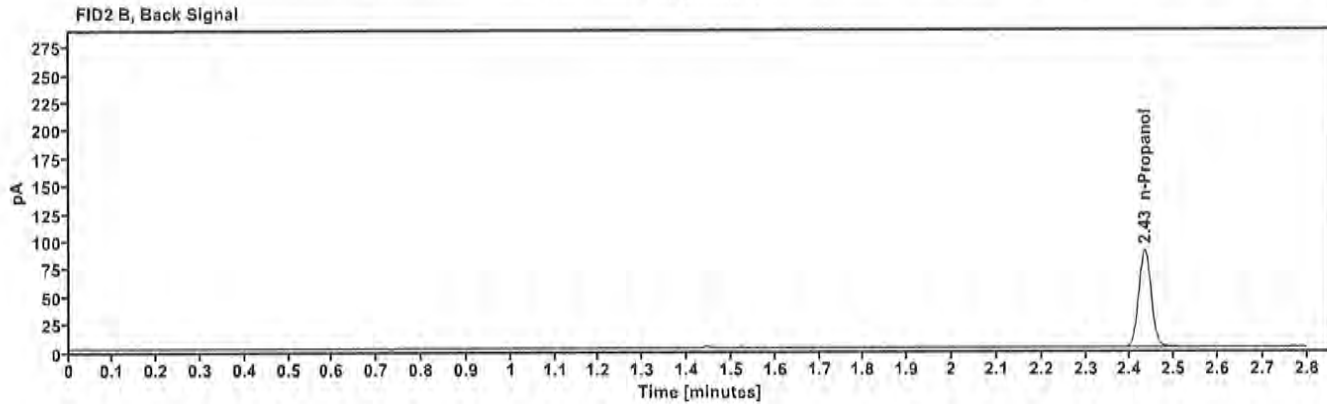
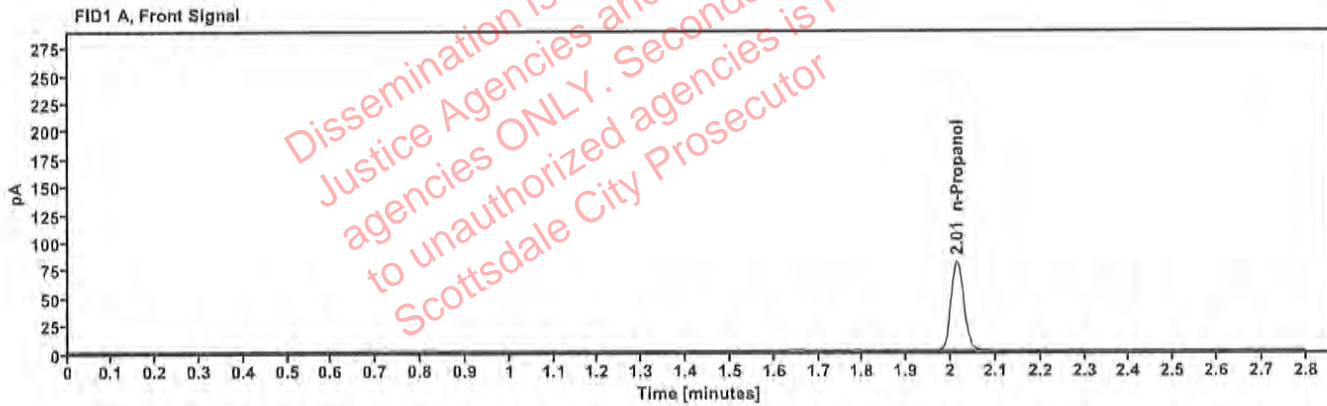


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.014	160.881

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.432	174.647

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 22Aug23
Instrument: US14173023 CN14160045	Injection date: 8/22/2023 11:20:32 AM
Data file: C:\Chem32\1\Data\22Aug23\6.D	Analyst: Canonico <i>EC</i>

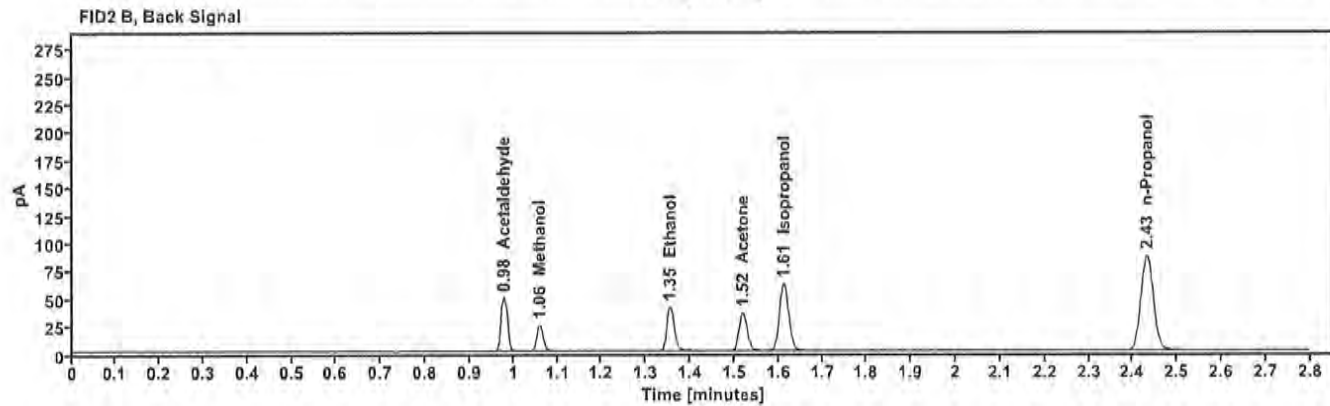
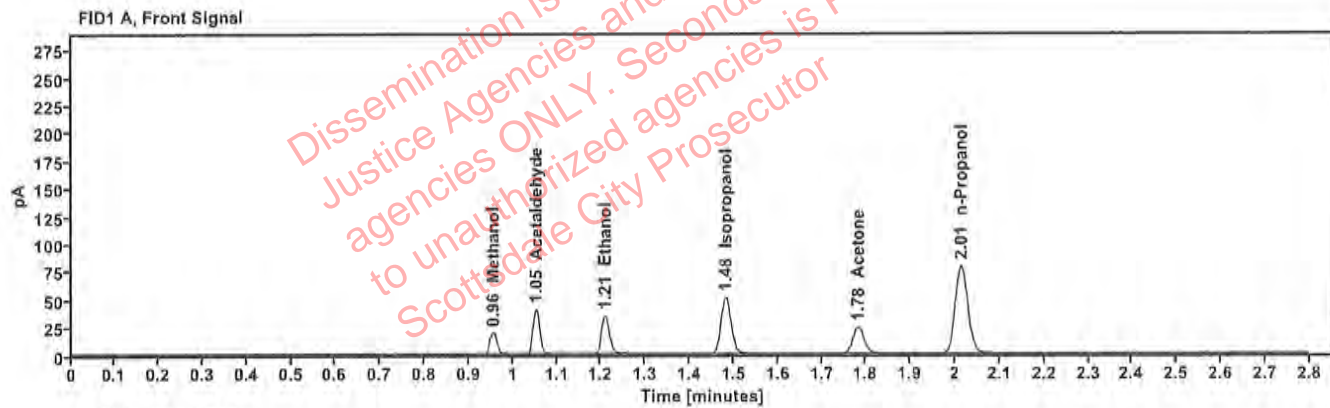


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.955	22.354
Acetaldehyde	-----	1.053	44.725
>Ethanol	0.0738	1.209	44.280
Isopropanol	-----	1.481	81.438
Acetone	-----	1.782	41.379
n-Propanol	-----	2.013	157.792

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	49.871
Methanol	1.059	24.762
Ethanol	1.354	48.251
Acetone	1.519	45.398
Isopropanol	1.612	90.187
n-Propanol	2.432	171.048

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 22Aug23
Instrument: US14173023 CN14160045	Injection date: 8/22/2023 11:24:48 AM
Data file: C:\Chem32\1\Data\22Aug23\7.D	Analyst: Canonico <i>EC</i>

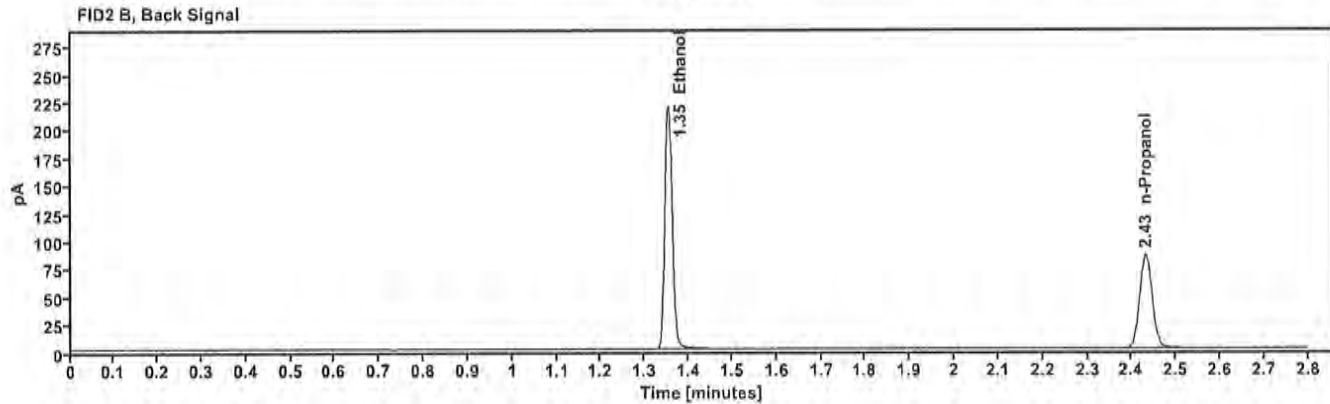
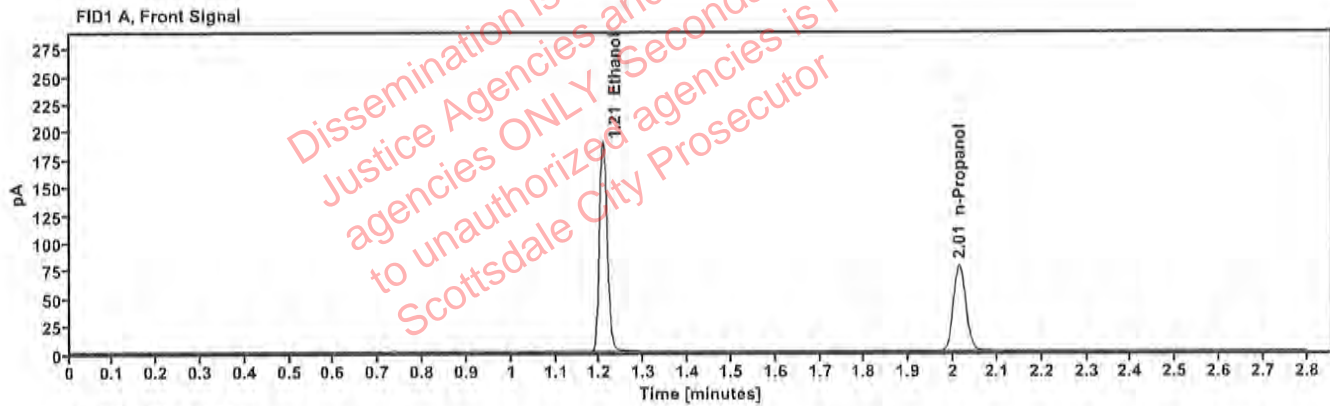


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4005	1.207	239.751
n-Propanol	-----	2.013	155.364

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.353	263.202
n-Propanol	2.431	168.540

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 11:28:48 AM
Data file:	C:\Chem32\1\Data\22Aug23\8.D	Analyst:	Canonico <i>BC</i>

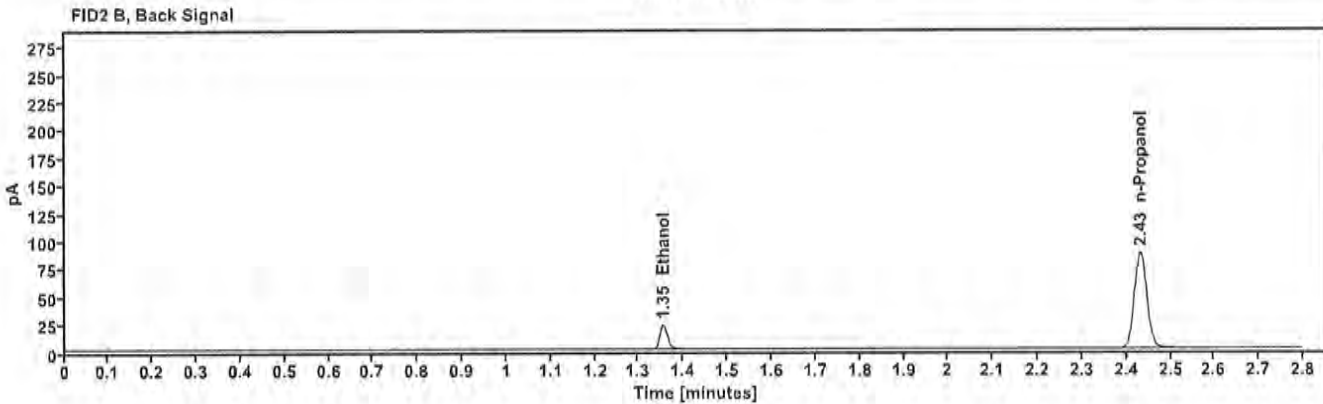
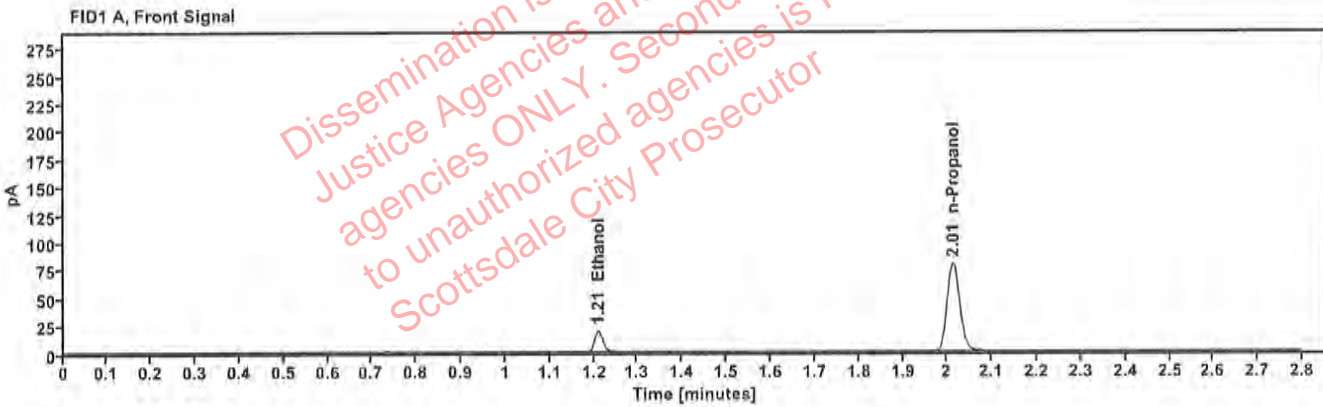


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.209	24.440
n-Propanol	-----	2.013	158.349

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	26.655
n-Propanol	2.432	171.862

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/10	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 11:32:47 AM
Data file:	C:\Chem32\1\Data\22Aug23\9.D	Analyst:	Canonico <i>EC</i>

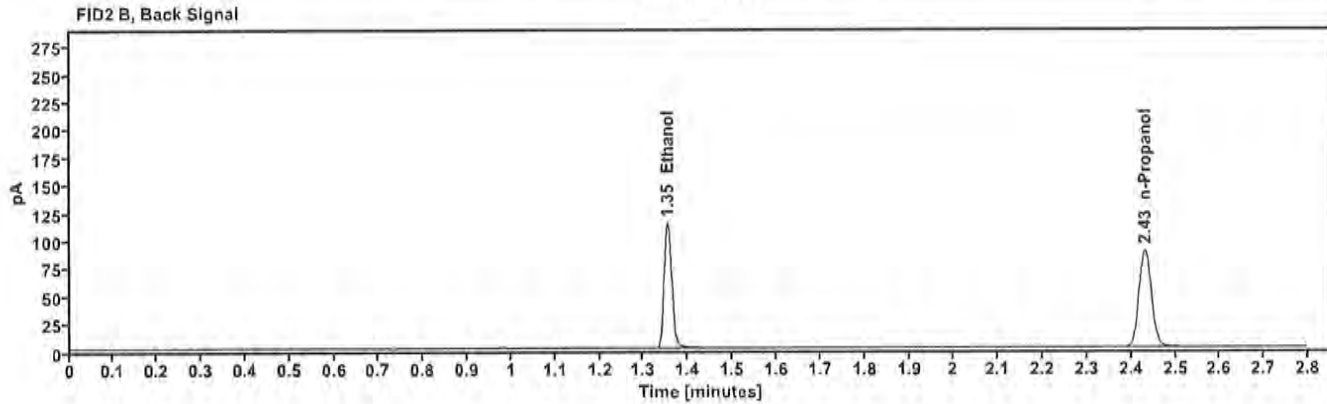
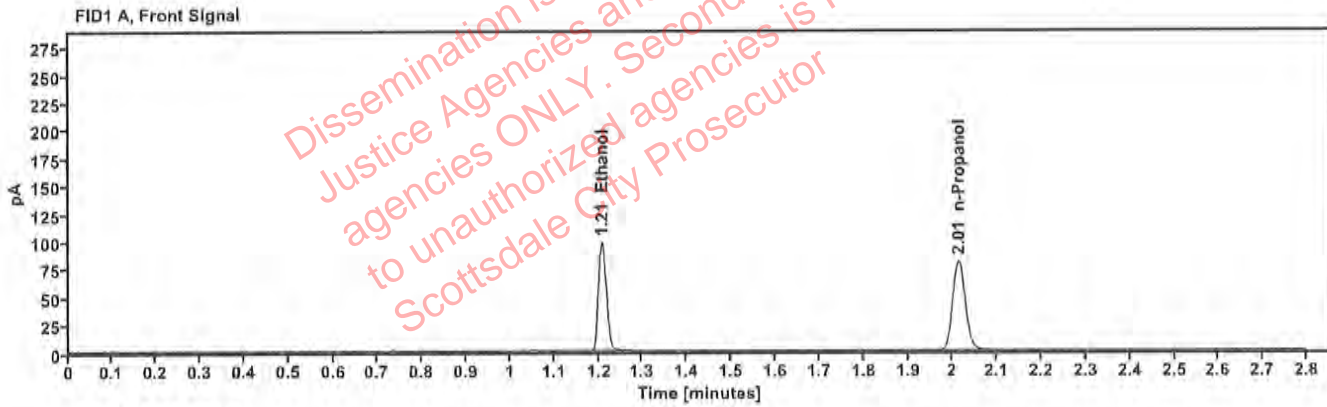


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2014	1.208	124.386
n-Propanol	-----	2.013	160.789

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	135.994
n-Propanol	2.432	174.679

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:17:17 PM
Data file:	C:\Chem32\1\Data\22Aug23\20.D	Analyst:	Canonico <i>EL</i>

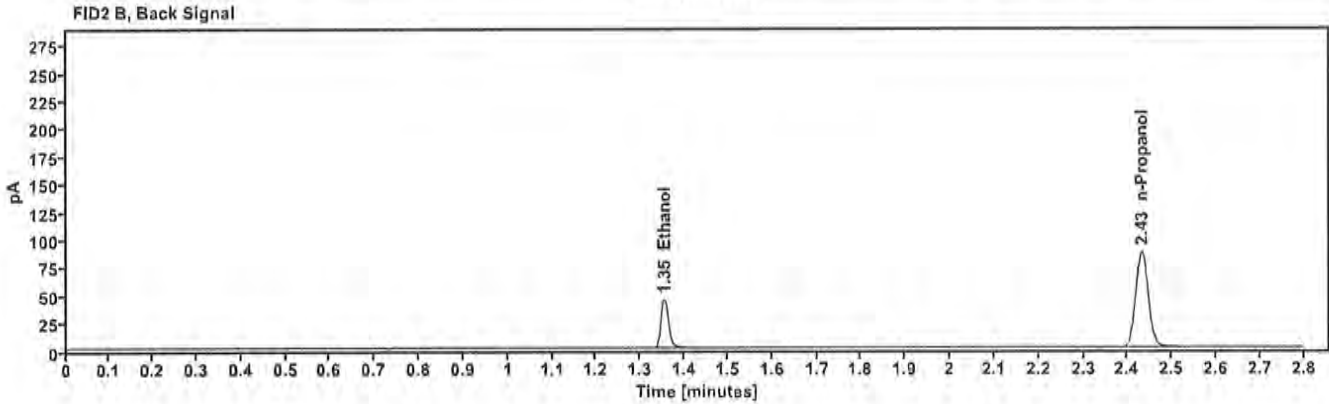
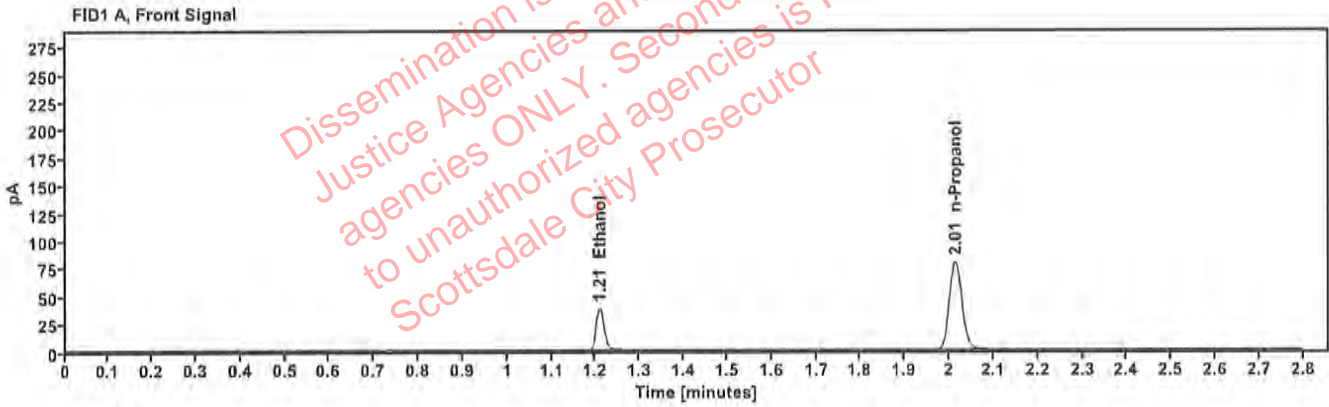


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.209	48.756
n-Propanol	-----	2.013	159.057

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	53.176
n-Propanol	2.432	172.675

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0,080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 1:01:48 PM
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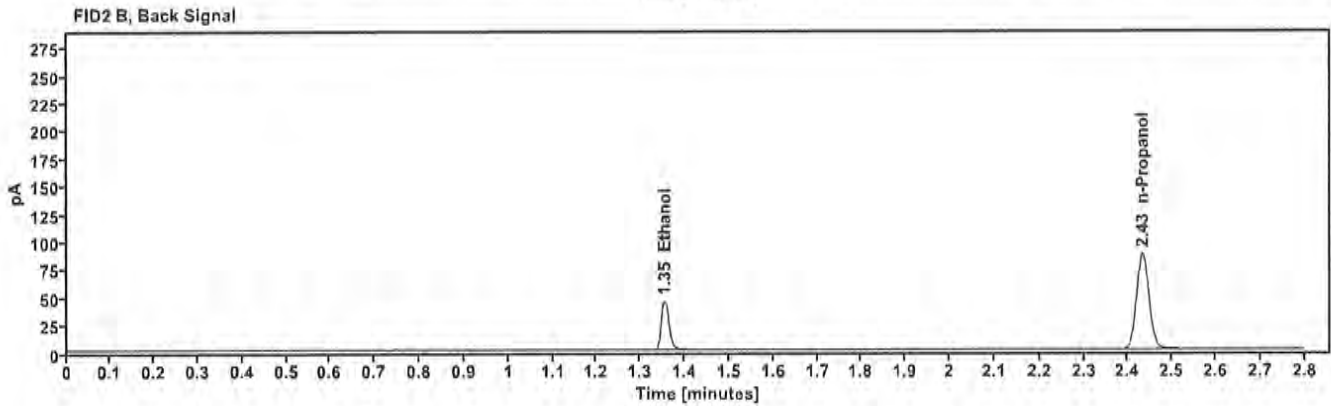
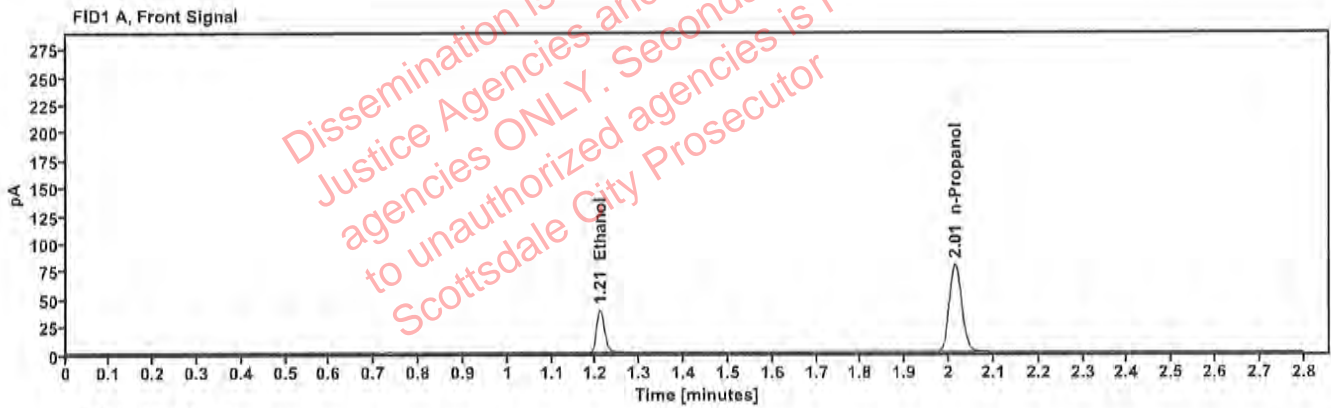


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0813	1.209	49.097
n-Propanol	---	2.014	158,615

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	53.586
n-Propanol	2.432	172.154

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	40
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 1:38:03 PM
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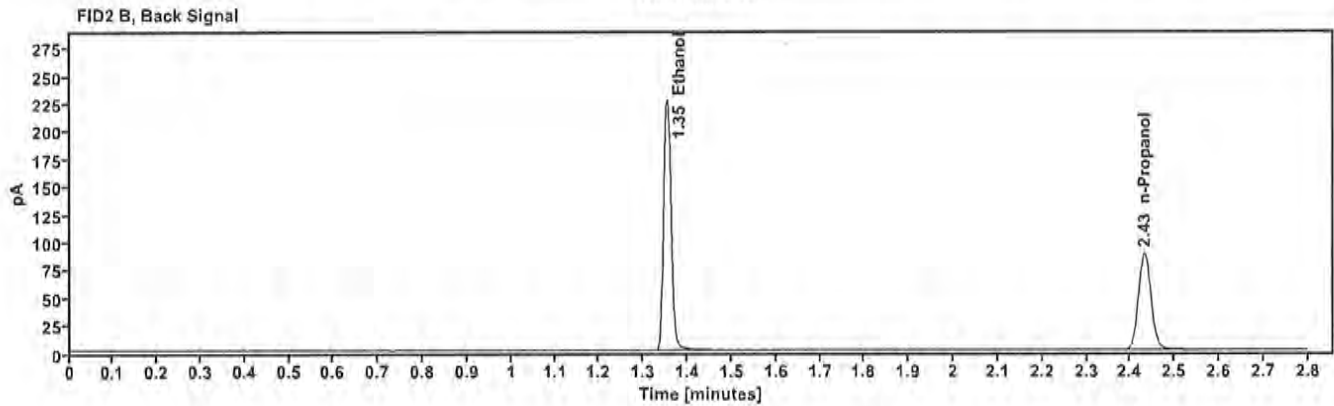
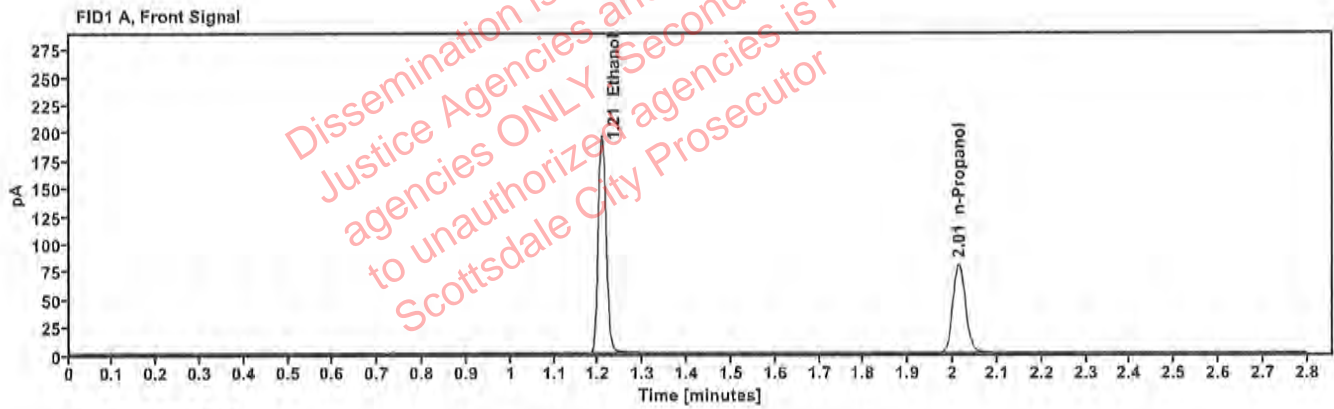


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4040	1.207	248.248
n-Propanol	---	2.013	159.466

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.353	272.698
n-Propanol	2.432	173.301

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	41
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 1:42:02 PM
Data file:	C:\Chem32\1\Data\22Aug23\41.D	Analyst:	Canonico <i>EC</i>

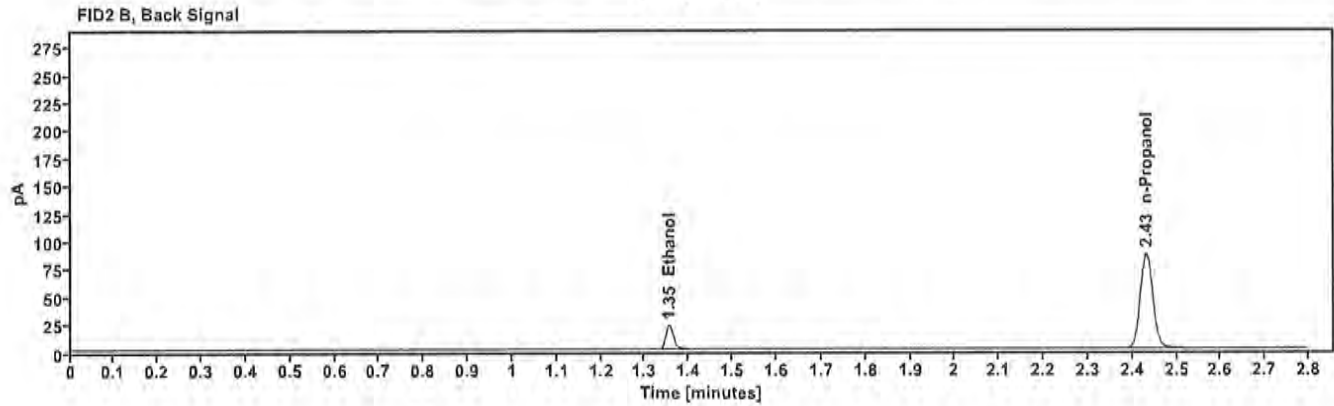
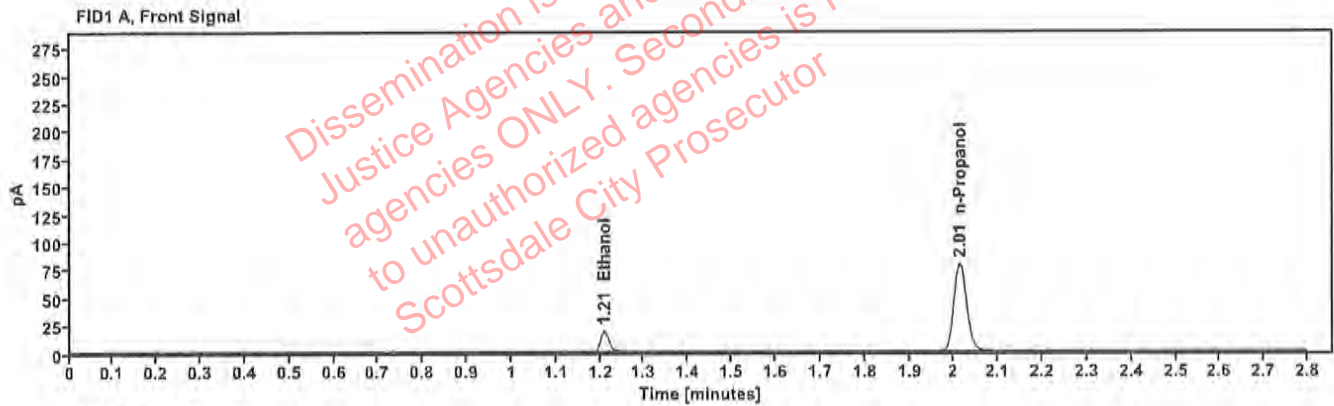


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.209	24.130
n-Propanol	---	2.013	157.225

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.355	26.274
n-Propanol	2.432	170.901

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/10	Vial:	42
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 1:46:03 PM
Data file:	C:\Chem32\1\Data\22Aug23\42.D	Analyst:	Canonico <i>EC</i>

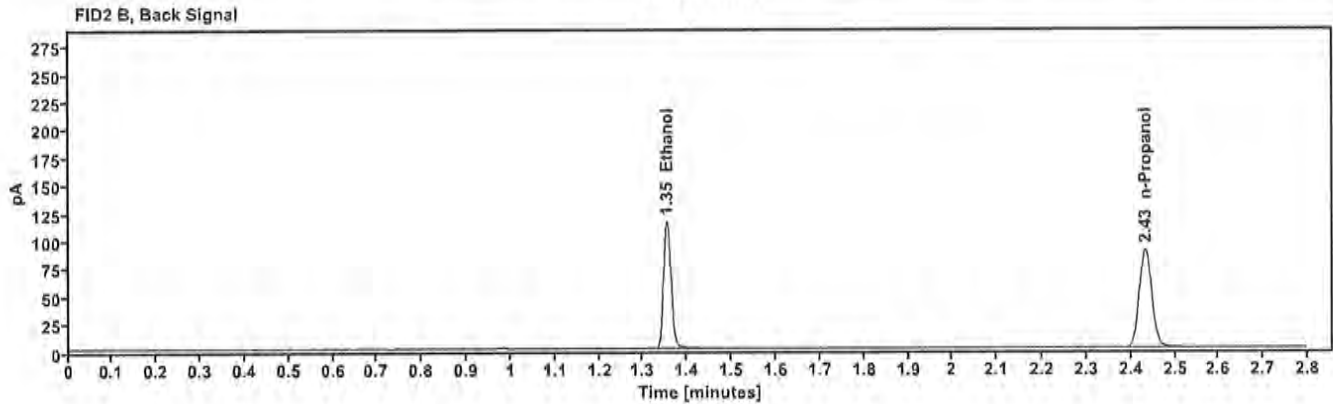
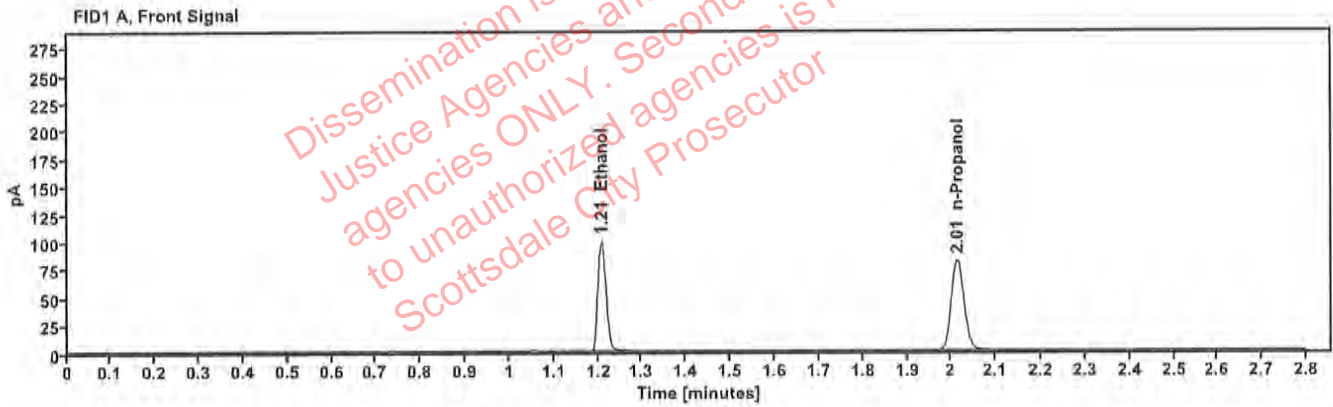


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2023	1.208	126.813
n-Propanol	—	2.014	163.143

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.354	138.687
n-Propanol	2.432	177.378

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	060223AQ	Vial:	43
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 1:50:17 PM
Data file:	C:\Chem32\1\Data\22Aug23\43.D	Analyst:	Canonico <i>EC</i>

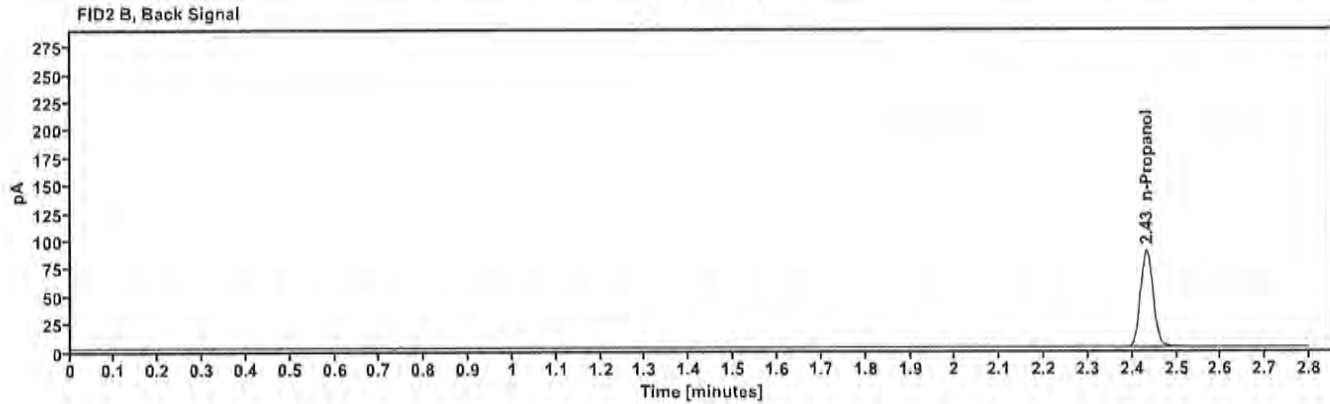
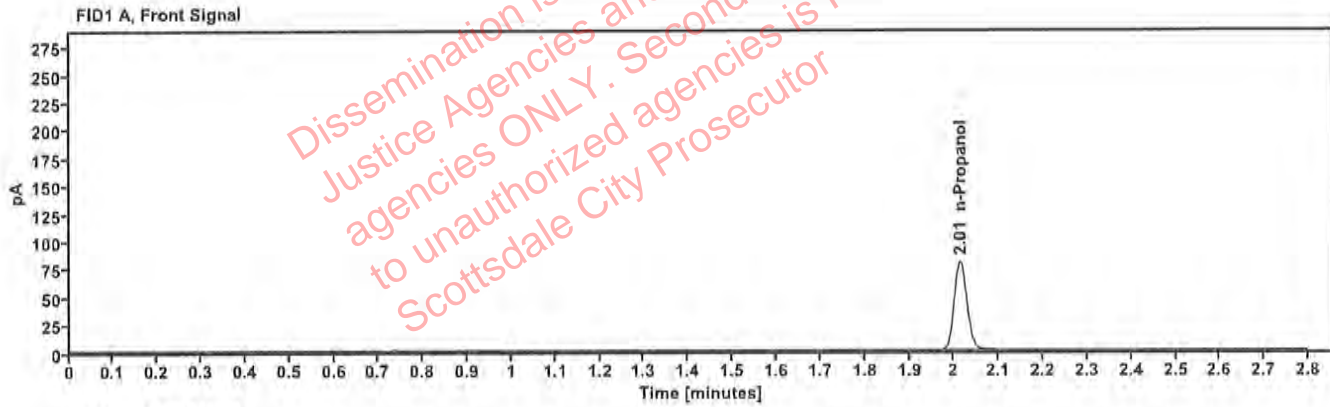


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.014	160.205

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
n-Propanol	2.432	173.799

Sequence Summary

Sequence name: 22Aug23 Instrument: US14173023 CN14160045 Analyst: Canonico *ee*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN11172002	0.100 calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	011823WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	30012020-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/10	0.199	Control		ethanol quant.M
10	2316523-3		Sample		ethanol quant.M
11	2316523-3		Sample		ethanol quant.M
12	2316175-1		Sample		ethanol quant.M
13	2316175-1		Sample		ethanol quant.M
14	2316592-2		Sample		ethanol quant.M
15	2316592-2		Sample		ethanol quant.M
16	2316690-2		Sample		ethanol quant.M
17	2316690-2		Sample		ethanol quant.M
18	2316678-2		Sample		ethanol quant.M
19	2316678-2		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	2316593-2		Sample		ethanol quant.M
22	2316593-2		Sample		ethanol quant.M
23	2316800-2		Sample		ethanol quant.M
24	2316800-2		Sample		ethanol quant.M
25	2316887-2		Sample		ethanol quant.M
26	2316887-2		Sample		ethanol quant.M
27	2316446-2		Sample		ethanol quant.M
28	2316446-2		Sample		ethanol quant.M
29	2316284-2		Sample		ethanol quant.M
30	2316284-2		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	2316979-1		Sample		ethanol quant.M
33	2316979-1		Sample		ethanol quant.M
34	2304950-1		Sample		ethanol quant.M
35	2304950-1		Sample		ethanol quant.M
36	2316462-2		Sample		ethanol quant.M
37	2316462-2		Sample		ethanol quant.M
38	2314369-6		Sample		ethanol quant.M
39	2314369-6		Sample		ethanol quant.M
40	30012020-A	0.400	Control		ethanol quant.M
41	14082019-B	0.040	Control		ethanol quant.M
42	4110320133/10	0.199	Control		ethanol quant.M
43	060223AQ	Negative	Control		ethanol quant.M

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 22Aug23

ANALYST: Canonico *ec*

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.3119	0.3130	0.31245	0.18	0.00055
12 13	0.0881	0.0888	0.08845	0.40	0.00035
14 15	0.1864	0.1877	0.18705	0.35	0.00065
16 17	0.1658	0.1652	0.16550	0.18	0.00030
18 19	0.0593	0.0600	0.05965	0.59	0.00035
21 22	0.2742	0.2730	0.27360	0.22	0.00060
23 24	0.1416	0.1444	0.14300	0.98	0.00140
25 26	0.2780	0.2779	0.27795	0.02	0.00005
27 28	0.0846	0.0845	0.08455	0.06	0.00005
29 30	0.2115	0.2137	0.21260	0.52	0.00110
32 33	0.1907	0.1910	0.19085	0.08	0.00015
34 35	0.1306	0.1313	0.13095	0.27	0.00035
36 37	0.2181	0.2177	0.21790	0.09	0.00020
38 39	0.0921	0.0919	0.09200	0.11	0.00010

* Calculated differences are differences from the mean of the two results.

Dissemination restricted to Criminal Justice Agencies and authorized agencies only. Secretly disseminated to unauthorized agencies is PROHIBITED.
 Scottsdale City Prosecutor

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316523-3	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 11:36:47 AM
Data file:	C:\Chem32\1\Data\22Aug23\10.D	Analyst:	Canonico

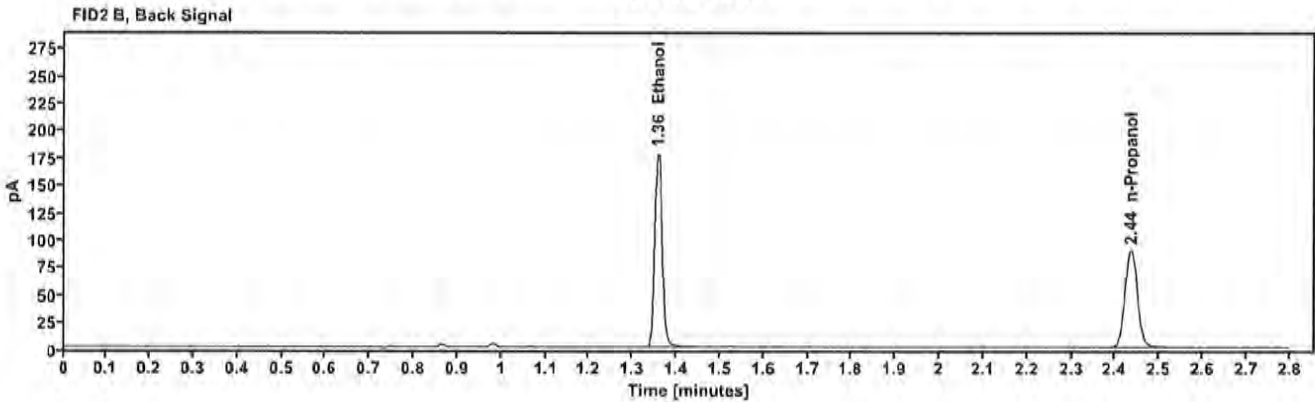
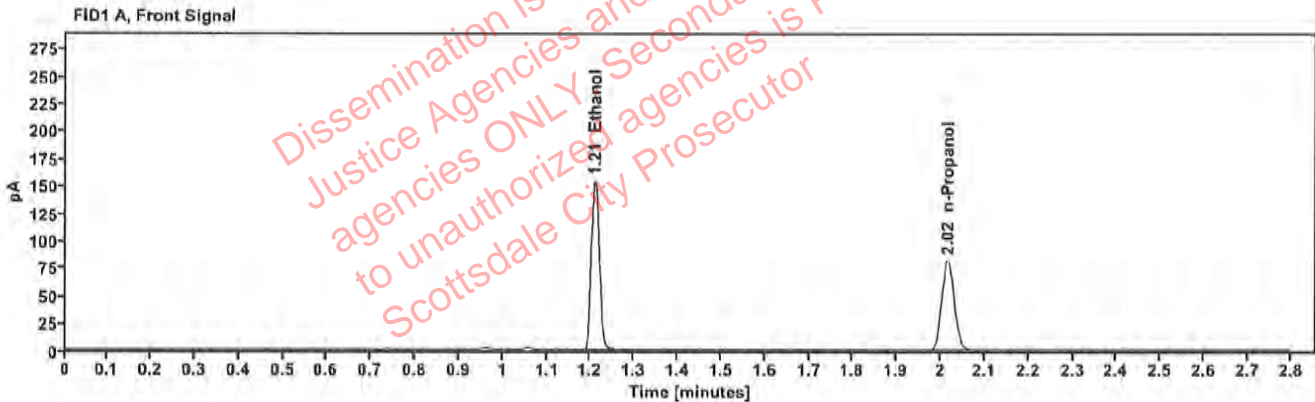


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3119	1.210	195.515
n-Propanol	---	2.016	162.833

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.357	214.360
n-Propanol	2.435	176.623

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316523-3	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 11:40:48 AM
Data file:	C:\Chem32\11\Data\22Aug23\11.D	Analyst:	Canonico

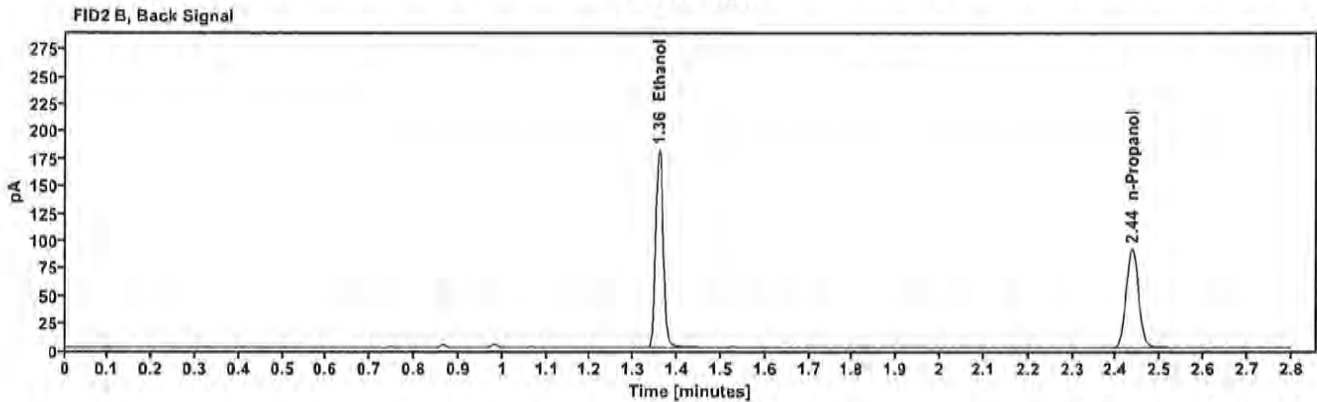
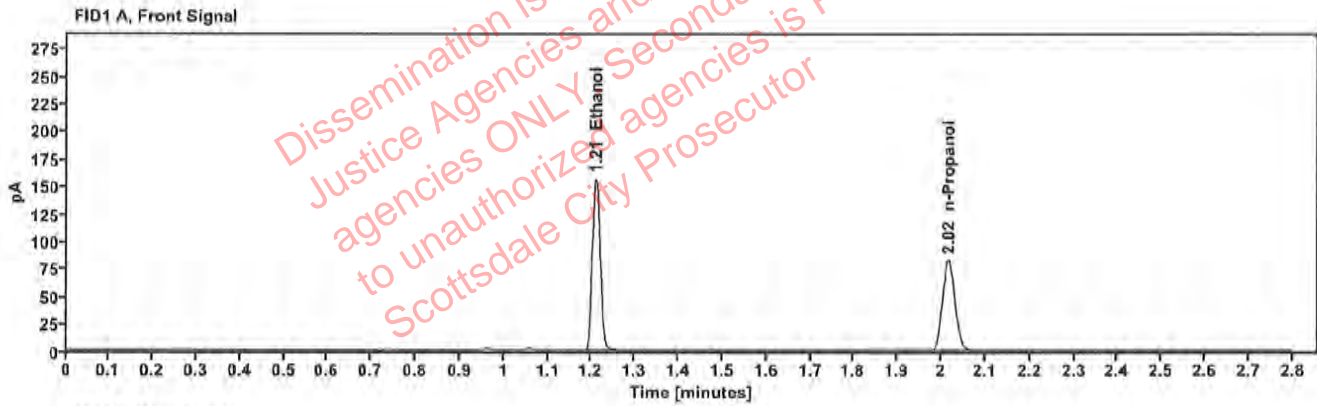


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3130	1.210	198.496
n-Propanol	---	2.016	164.715

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	217.682
n-Propanol	2.436	178.585

Case: [REDACTED] : Canonico, Erika - (22-Aug-2023)
 User: ecanonico 8/22/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316175-1	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 11:44:48 AM
Data file:	C:\Chem32\1\Data\22Aug23\12.D	Analyst:	Canonico

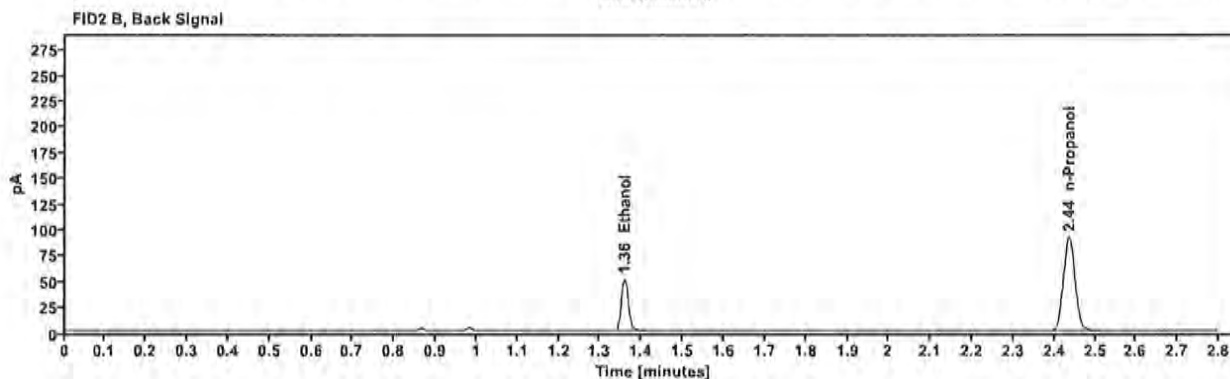
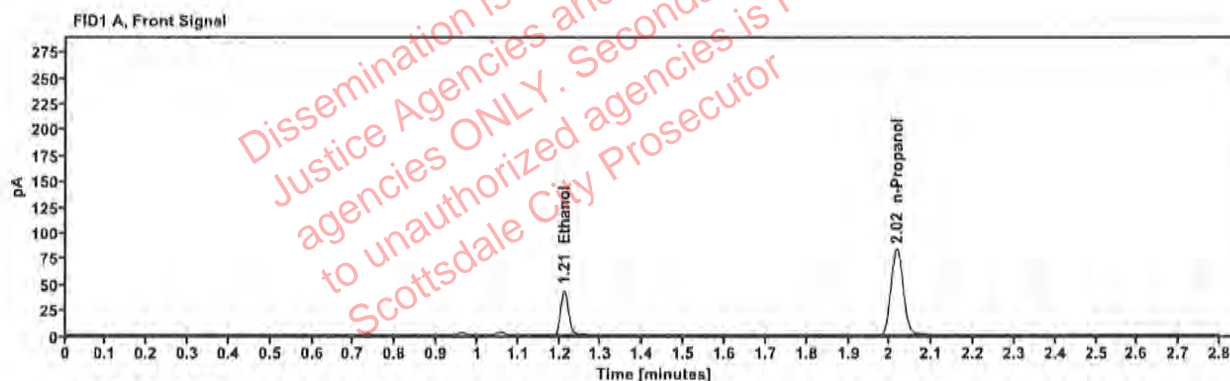


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0881	1.211	55.621
n-Propanol	—	2.016	165.603

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	60.550
n-Propanol	2.436	179.636

Case: [REDACTED] : Canonico, Erika - (22-Aug-2023)
 User: ecanonico 8/22/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316175-1	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 11:49:02 AM
Data file:	C:\Chem32\1\Data\22Aug23\13.D	Analyst:	Canonico

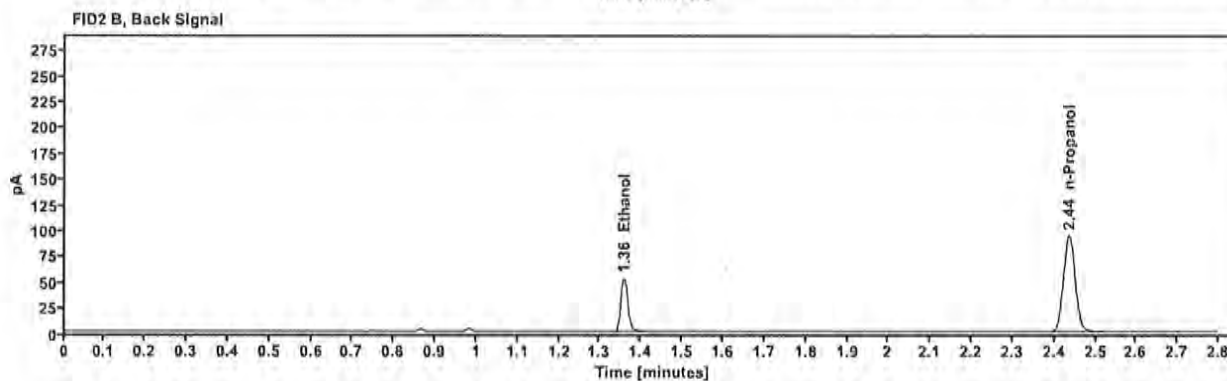
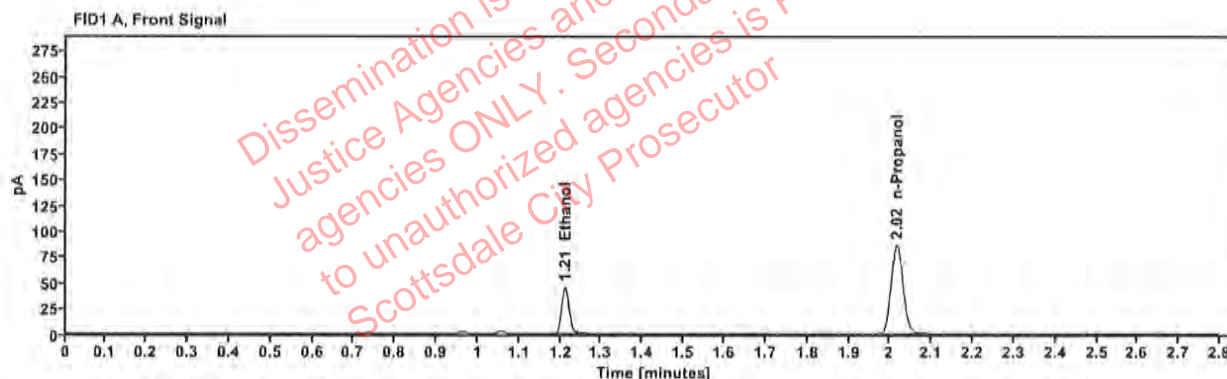


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0888	1.211	58.101
n-Propanol	—	2.016	171.610

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	63.190
n-Propanol	2.436	186.103

[REDACTED]: Canonico, Erika - (22-Aug-2023)

Case: [REDACTED] User: ecanonico 8/22/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316592-2	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 11:53:02 AM
Data file:	C:\Chem32\1\Data\22Aug23\14.D	Analyst:	Canonico

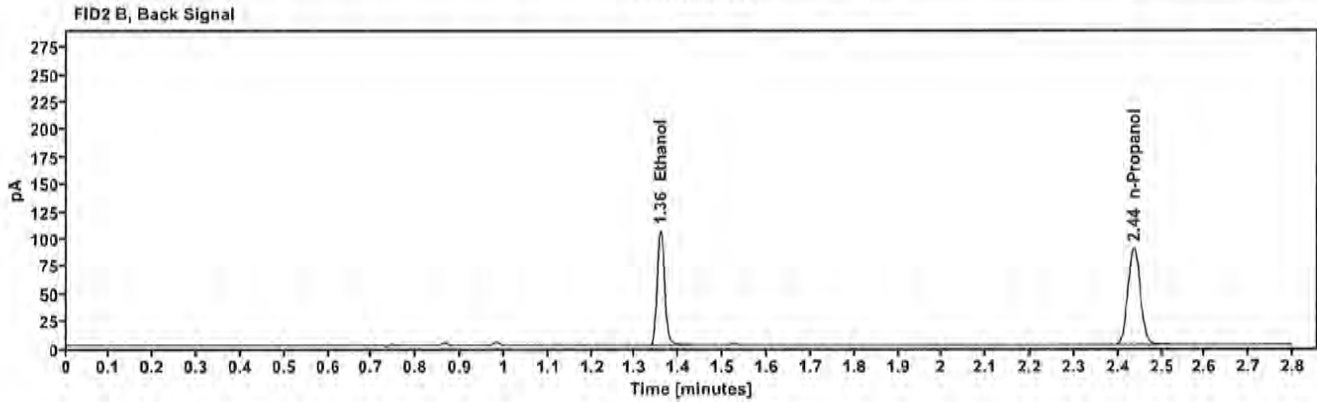
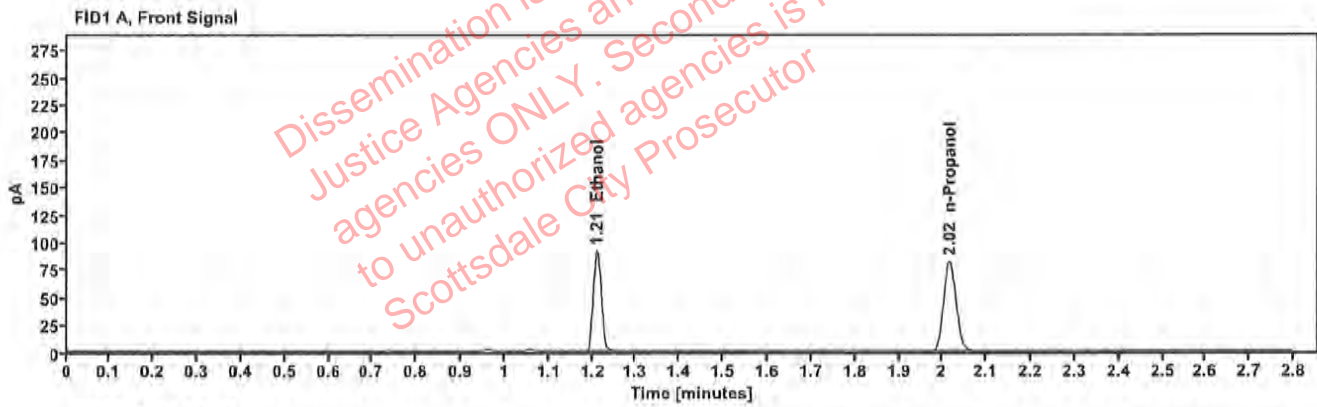


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Etanol	0.1864	1.210	116.349
n-Propanol	—	2.016	162.553

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	127.122
n-Propanol	2.436	176.233

Case: [REDACTED]: Canonico, Erika - (22-Aug-2023)

User: ecanonico 8/22/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316592-2	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 11:57:02 AM
Data file:	C:\Chem32\1\Data\22Aug23\15.D	Analyst:	Canonico

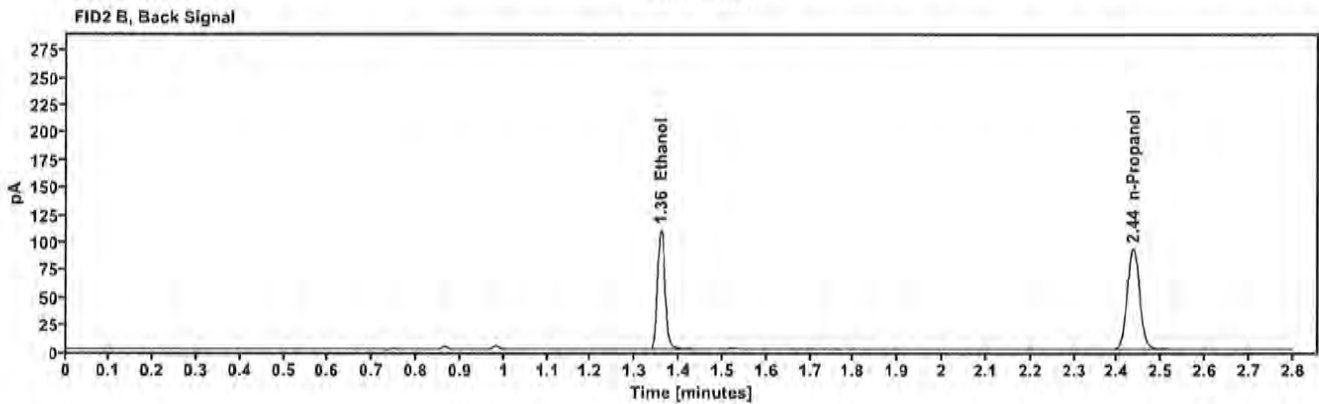
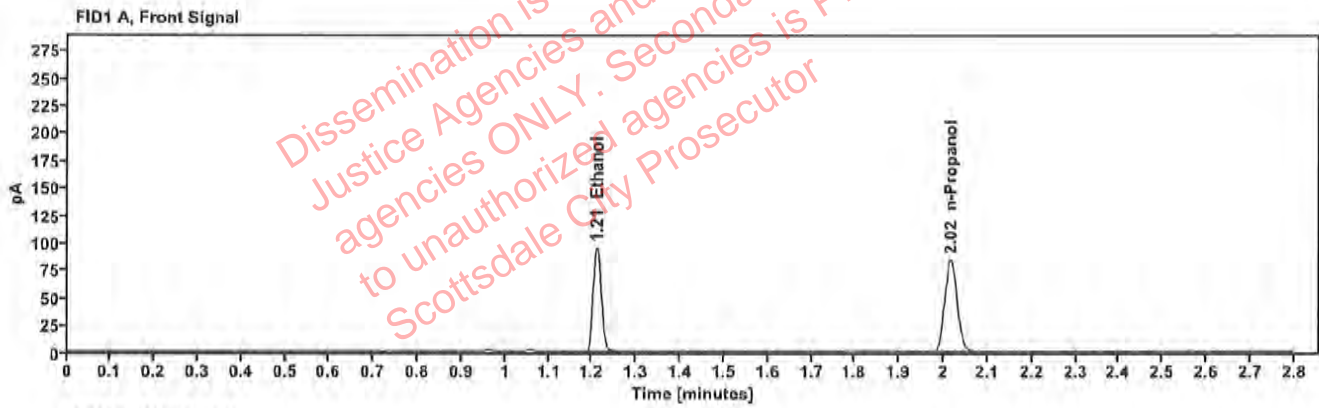


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1877	1.210	121.035
n-Propanol	—	2.016	167.930

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	132.282
n-Propanol	2.436	182.212

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316690-2	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:01:02 PM
Data file:	C:\Chem32\1\Data\22Aug23\16.D	Analyst:	Canonico

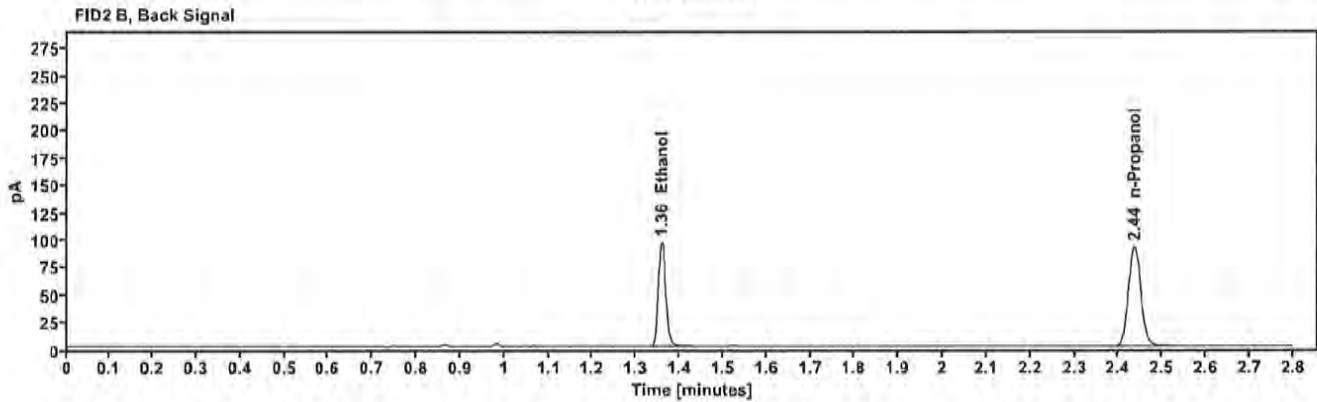
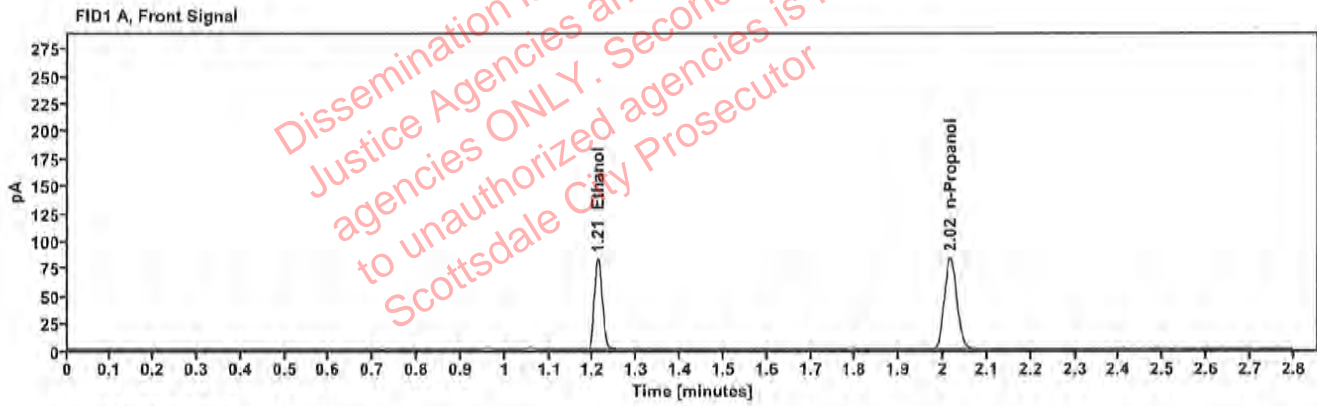


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1658	1.211	105.770
n-Propanol	---	2.016	166.279

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	115.395
n-Propanol	2.436	180.601

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316690-2	Vial:	17
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:05:02 PM
Data file:	C:\Chem32\1\Data\22Aug23\17.D	Analyst:	Canonico

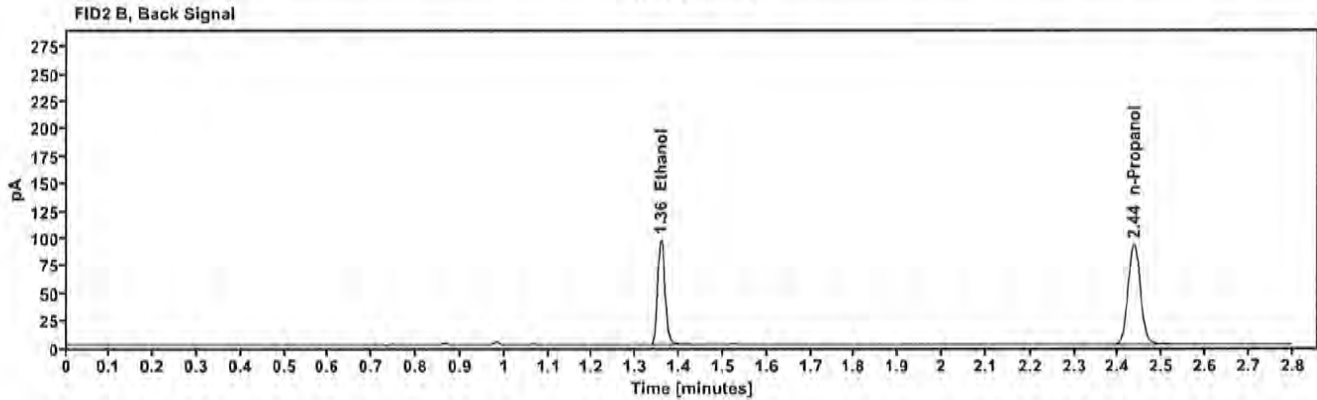
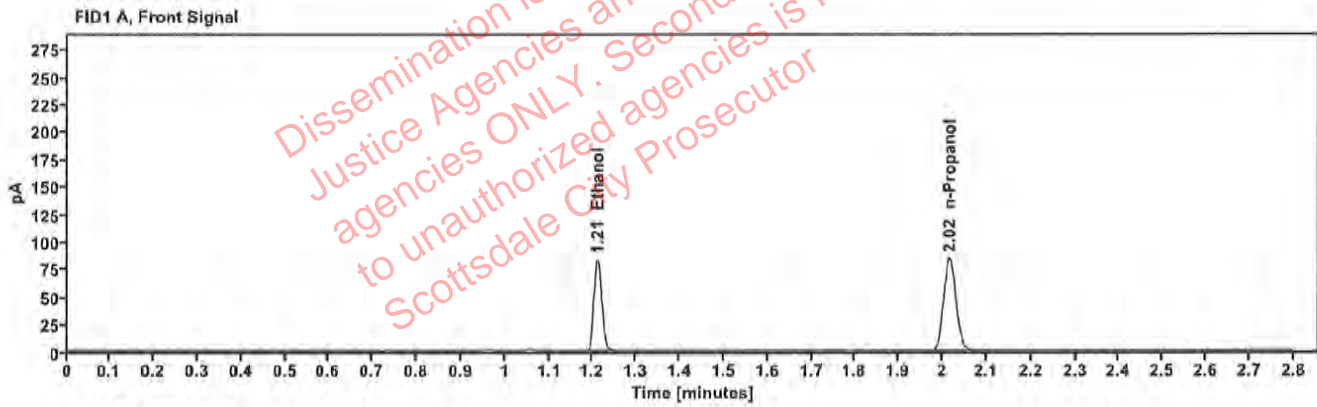


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1652	1.211	106.279
n-Propanol	---	2.016	167.625

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	116.391
n-Propanol	2.436	182.065

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316678-2	Vial:	18
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:09:02 PM
Data file:	C:\Chem32\1\Data\22Aug23\18.D	Analyst:	Canonico

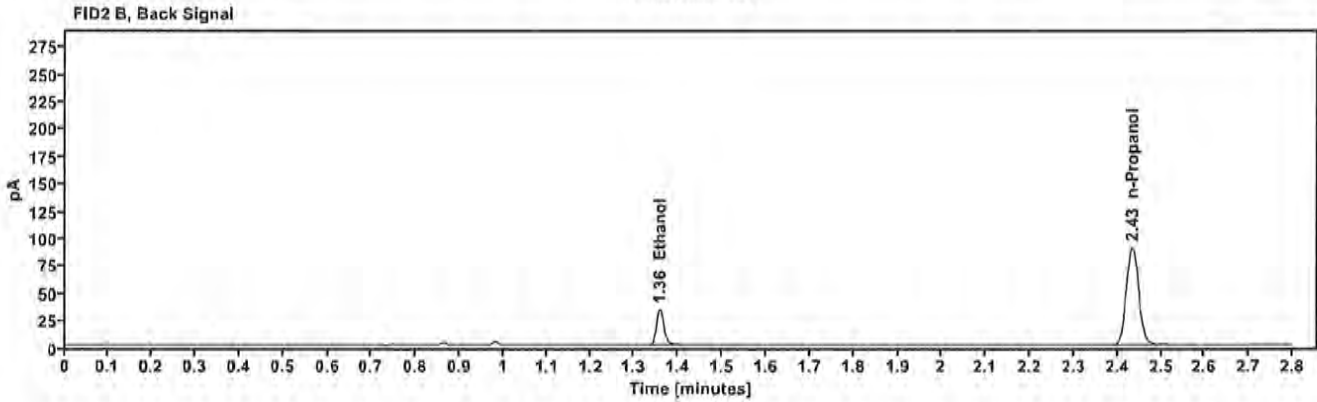
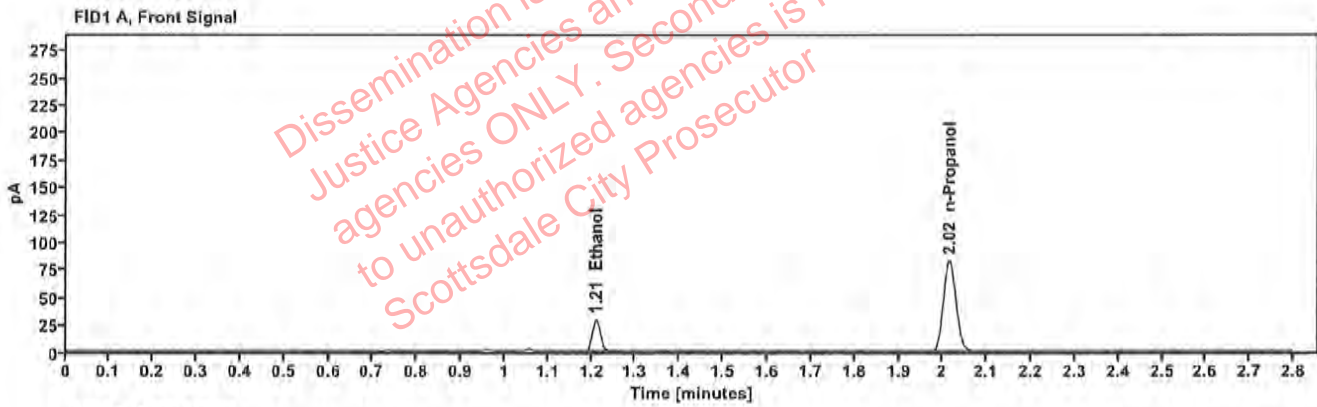


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0593	1.211	36.893
n-Propanol	-----	2.015	164.185

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.357	40.635
n-Propanol	2.434	178.179

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316678-2	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:13:17 PM
Data file:	C:\Chem32\1\Data\22Aug23\19.D	Analyst:	Canonico

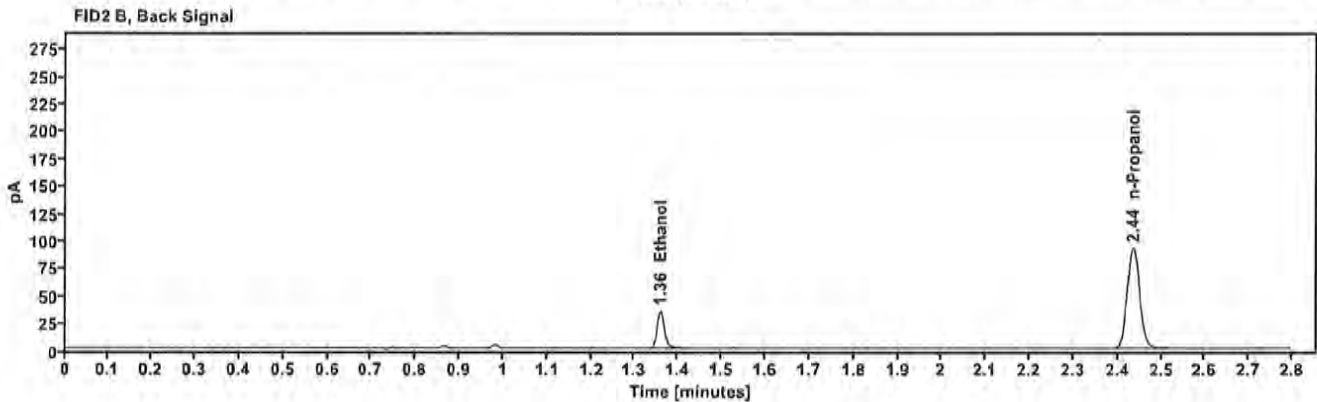
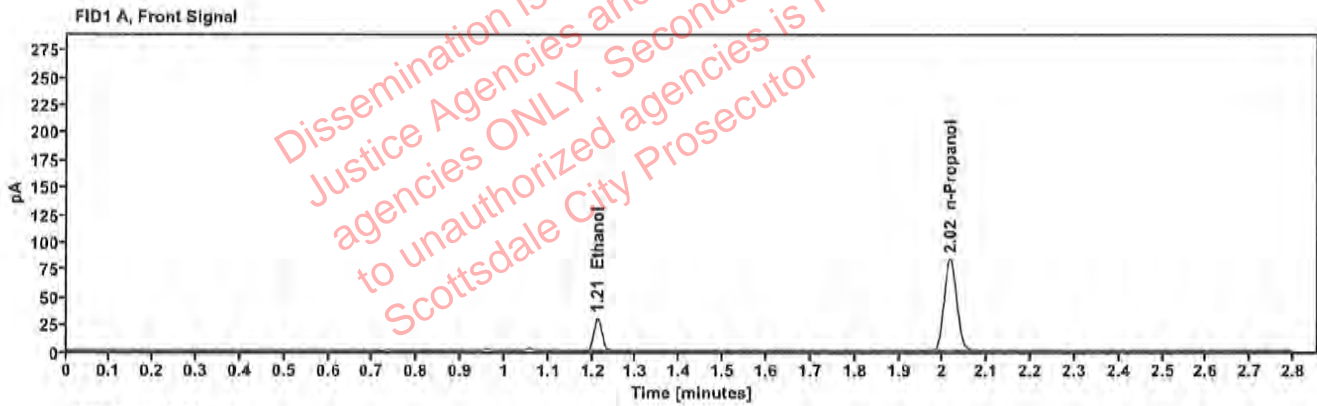


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0600	1.212	38.208
n-Propanol	---	2.016	167.863

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	41.906
n-Propanol	2.436	182.311

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316593-2	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:21:17 PM
Data file:	C:\Chem32\1\Data\22Aug23\21.D	Analyst:	Canonico

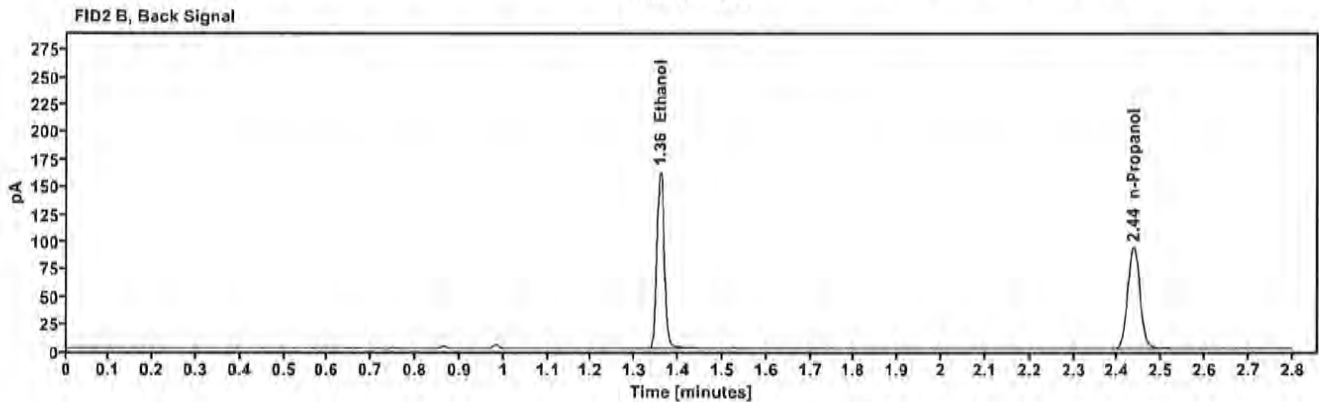
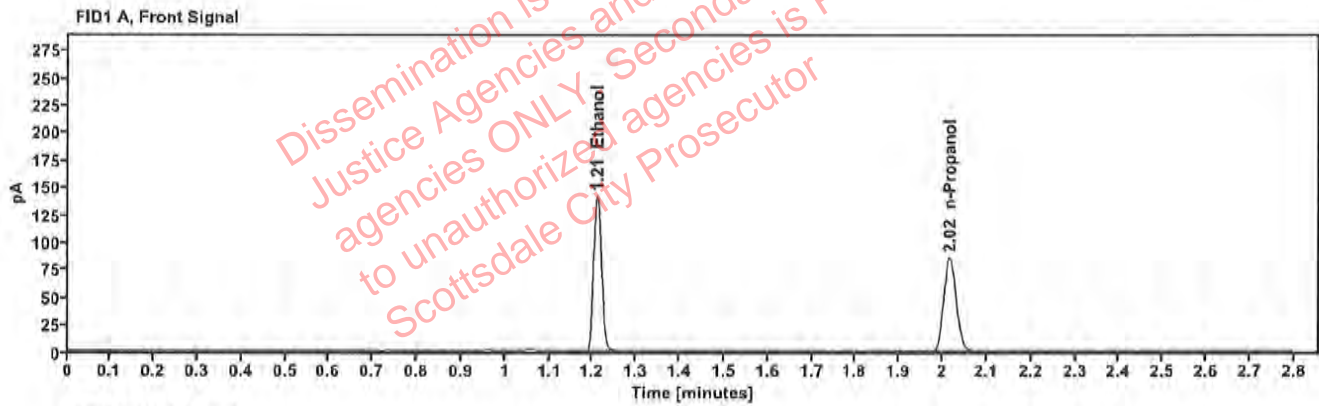


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2742	1.210	178.313
n-Propanol	---	2.016	168.984

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	194.877
n-Propanol	2.436	183.149

[REDACTED]: Canonico, Erika - (22-Aug-2023)

Case: [REDACTED] User: ecanonico 8/22/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316593-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:25:18 PM
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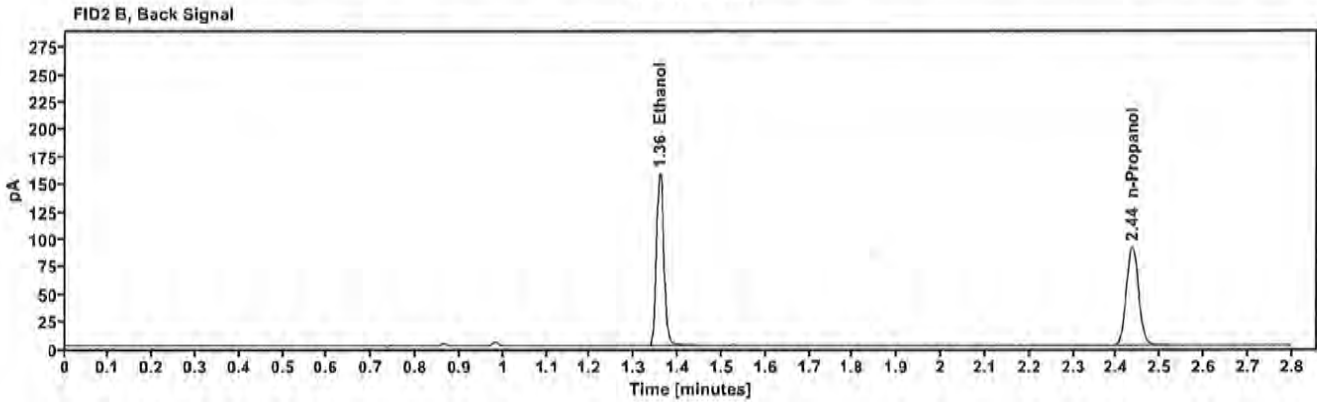
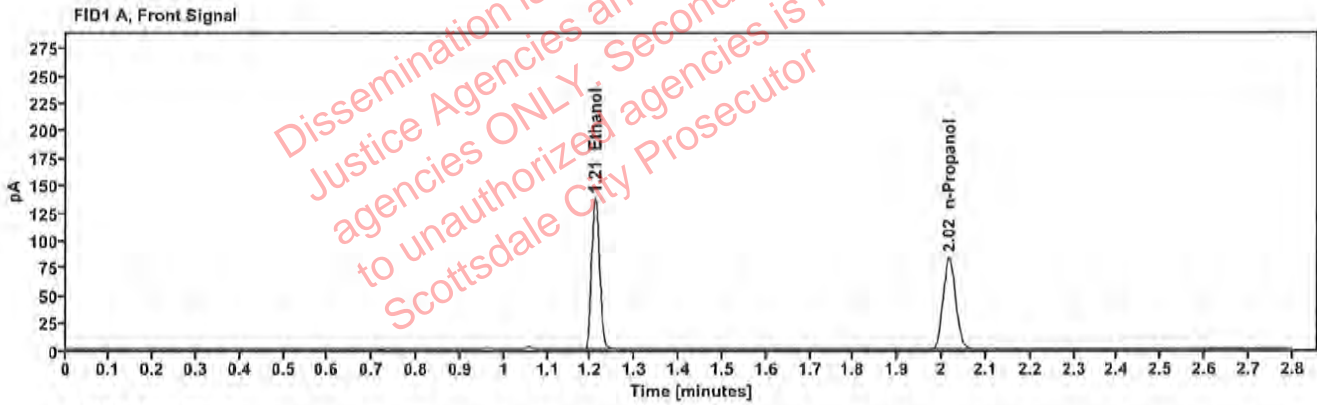


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2730	1.210	173.529
n-Propanol	—	2.016	165.176

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	189.971
n-Propanol	2.436	179.032

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316800-2	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:29:17 PM
Data file:	C:\Chem32\1\Data\22Aug23\23.D	Analyst:	Canonico

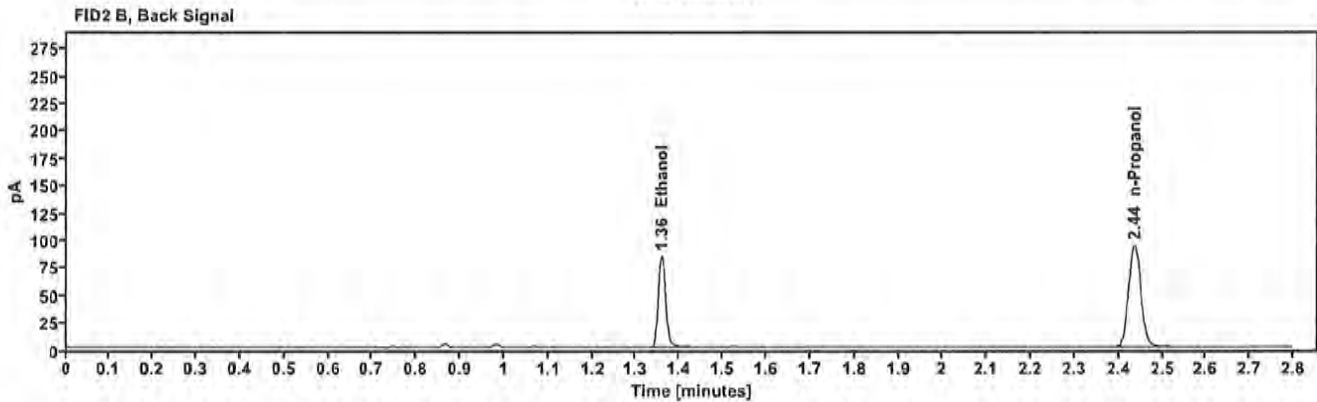
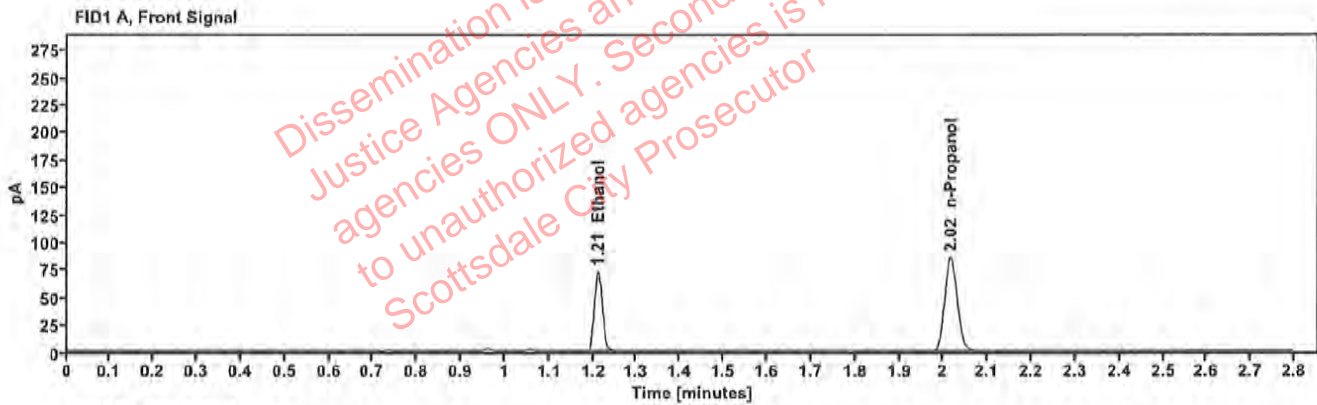


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1416	1.211	92.334
n-Propanol	—	2.016	170.094

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	100.883
n-Propanol	2.436	184.811

Case: [REDACTED]: Canonico, Erika - (22-Aug-2023)

User: ecanonico 8/22/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316800-2	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:33:17 PM
Data file:	C:\Chem32\1\Data\22Aug23\24.D	Analyst:	Canonico

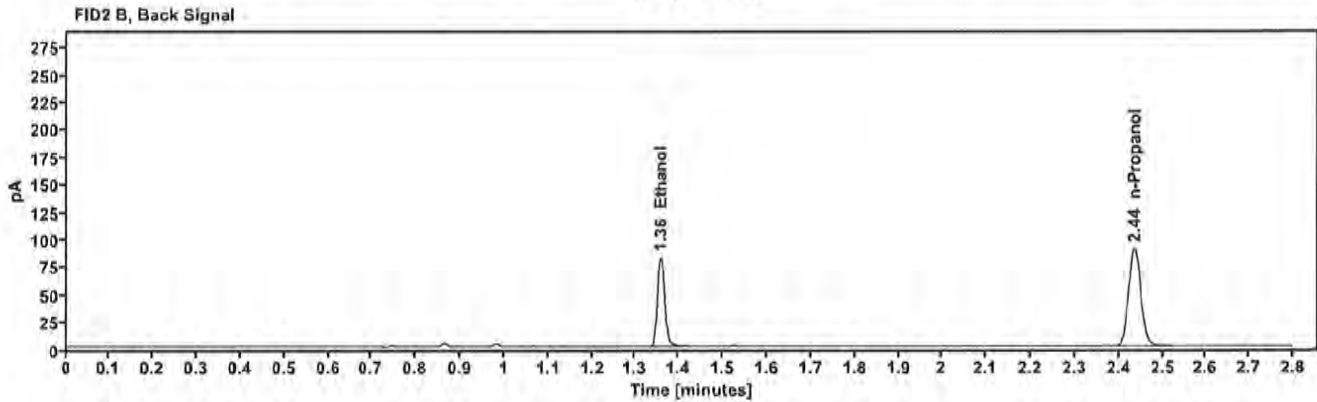
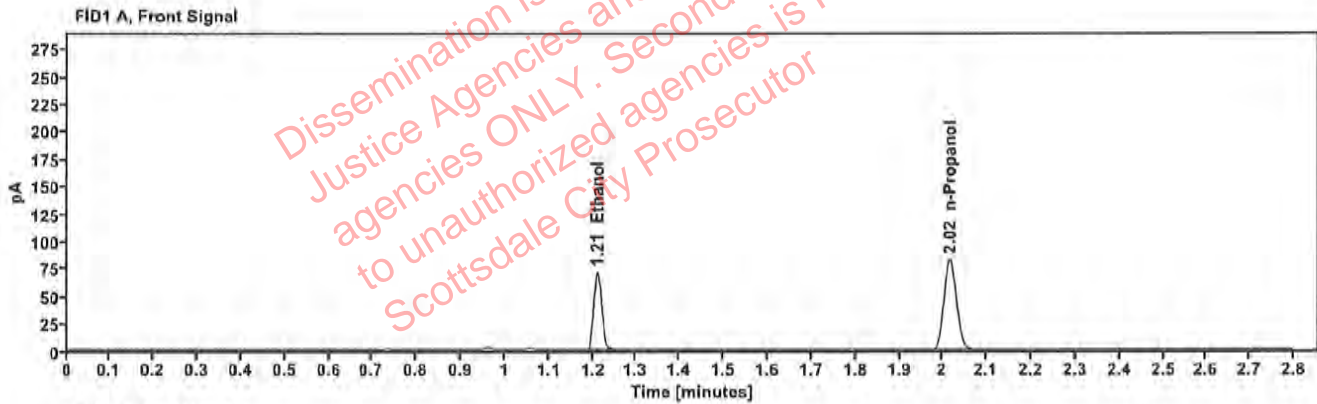


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1444	1.211	90.646
n-Propanol	---	2.016	163.750

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	98.996
n-Propanol	2.436	178.070

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316887-2	Vial:	25
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:37:33 PM
Data file:	C:\Chem32\1\Data\22Aug23\25.D	Analyst:	Canonico

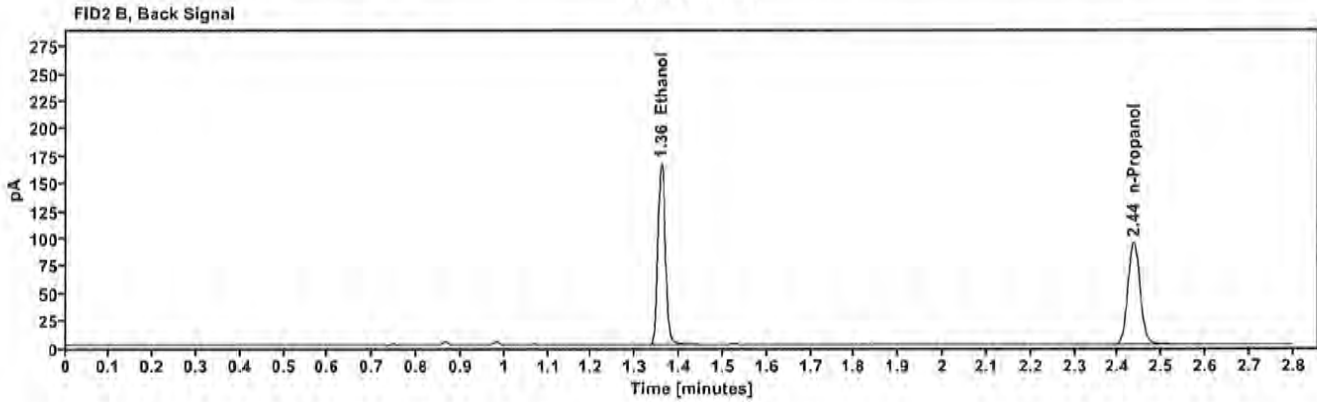
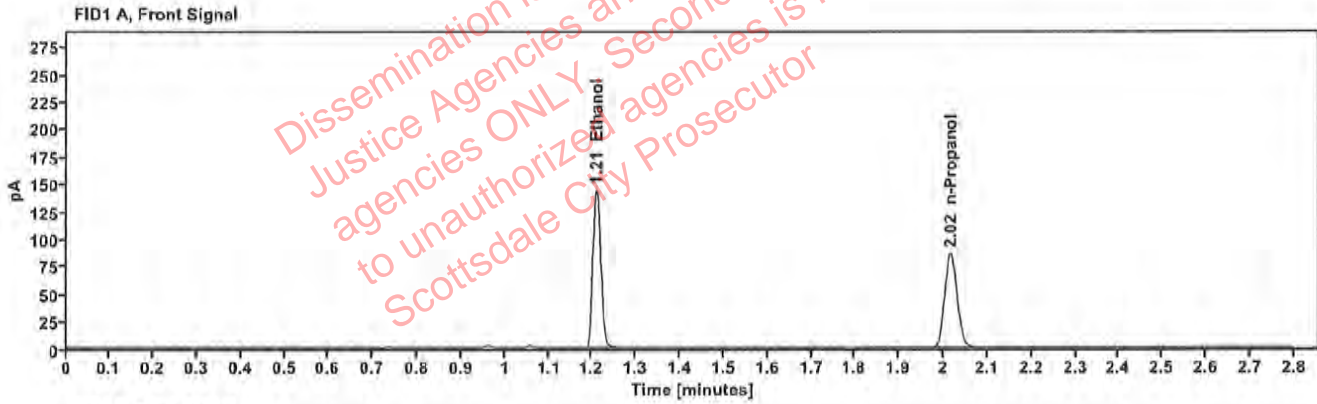


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2780	1.210	182.935
n-Propanol	-----	2.016	170.981

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	200.251
n-Propanol	2.436	185.574

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316887-2	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:41:33 PM
Data file:	C:\Chem32\1\Data\22Aug23\26.D	Analyst:	Canonico

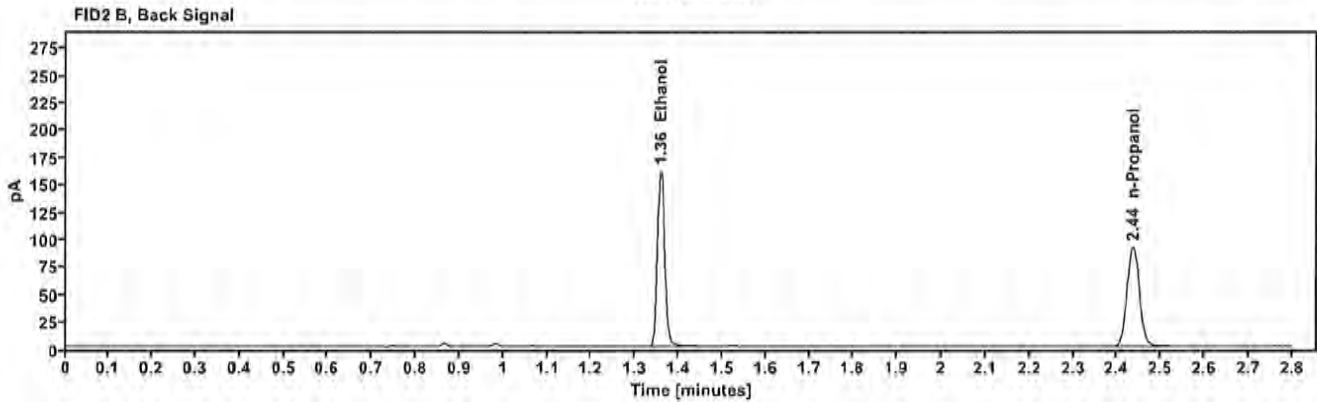
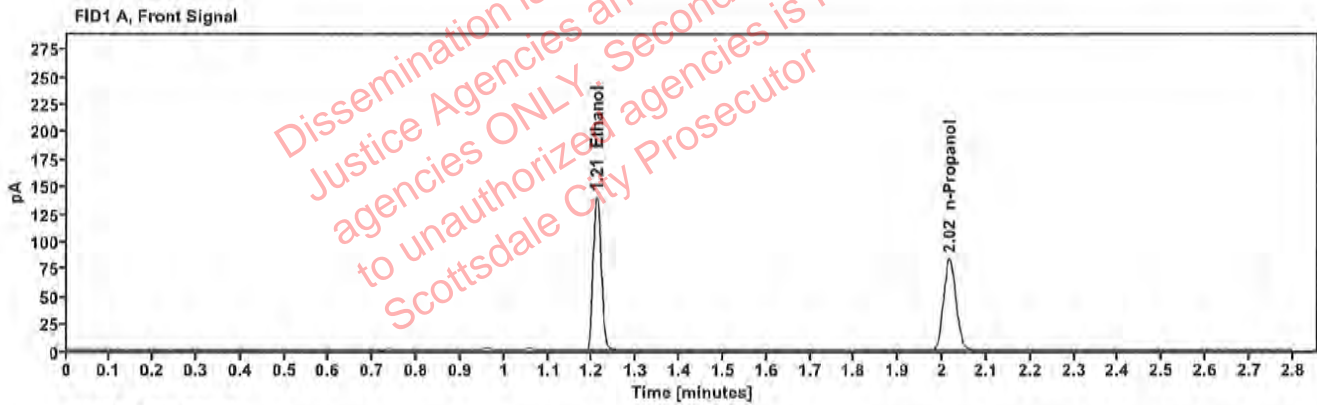


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2779	1.210	177.612
n-Propanol	—	2.016	166.087

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	194.400
n-Propanol	2.435	180.258

[REDACTED]: Canonico, Erika - (22-Aug-2023)

Case: [REDACTED] User: ecanonico 8/22/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316446-2	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:45:33 PM
Data file:	C:\Chem32\1\Data\22Aug23\27.D	Analyst:	Canonico

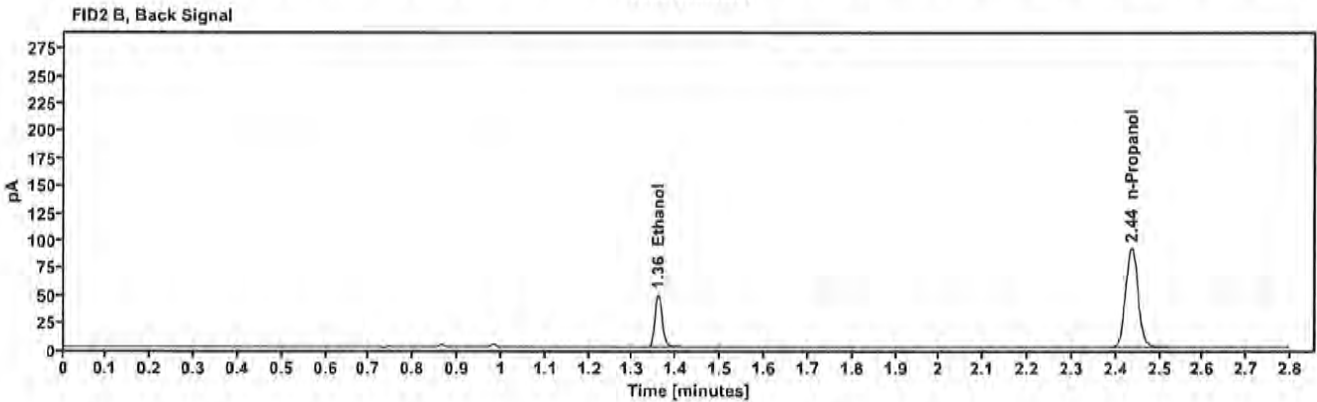
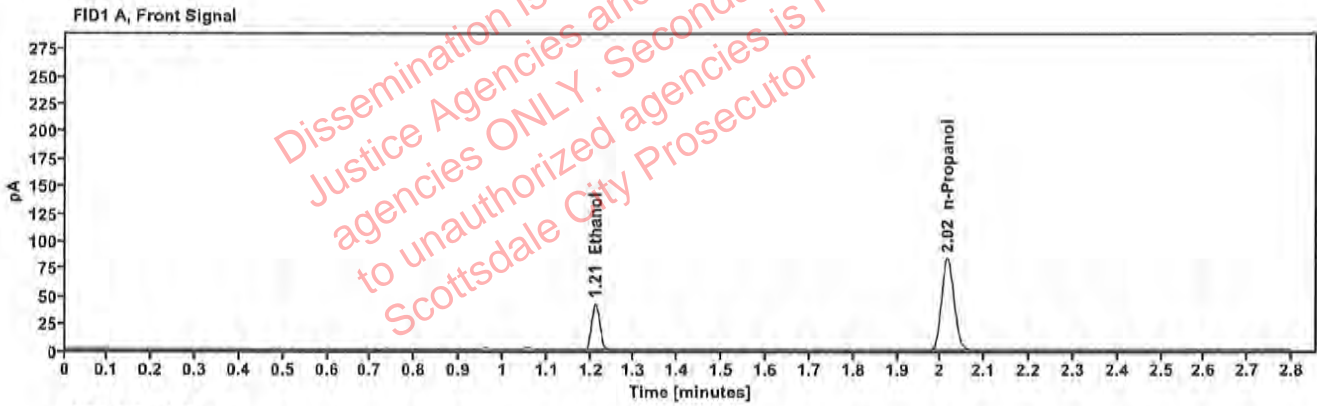


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0846	1.211	53.589
n-Propanol	-----	2.016	166.107

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	58.349
n-Propanol	2.435	180.366

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316446-2	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:49:33 PM
Data file:	C:\Chem32\1\Data\22Aug23\28.D	Analyst:	Canonico

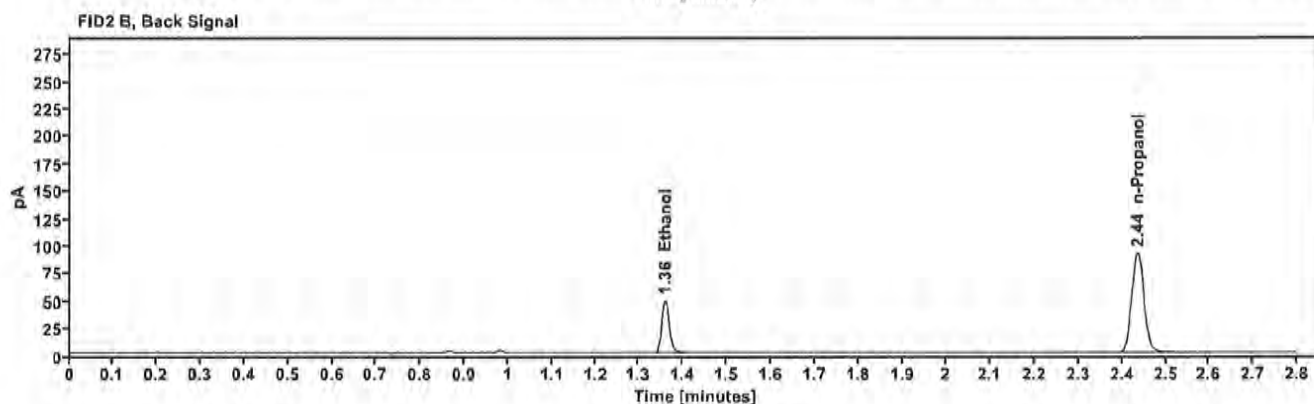
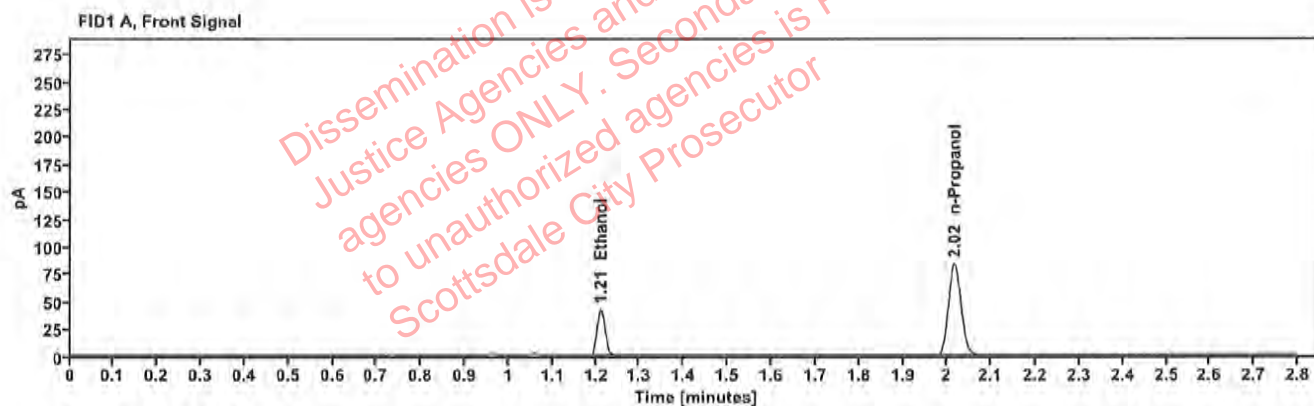


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0845	1.211	53.671
n-Propanol	---	2.016	166.600

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.359	58.350
n-Propanol	2.436	180.855

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316284-2	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:53:33 PM
Data file:	C:\Chem32\1\Data\22Aug23\29.D	Analyst:	Canonico

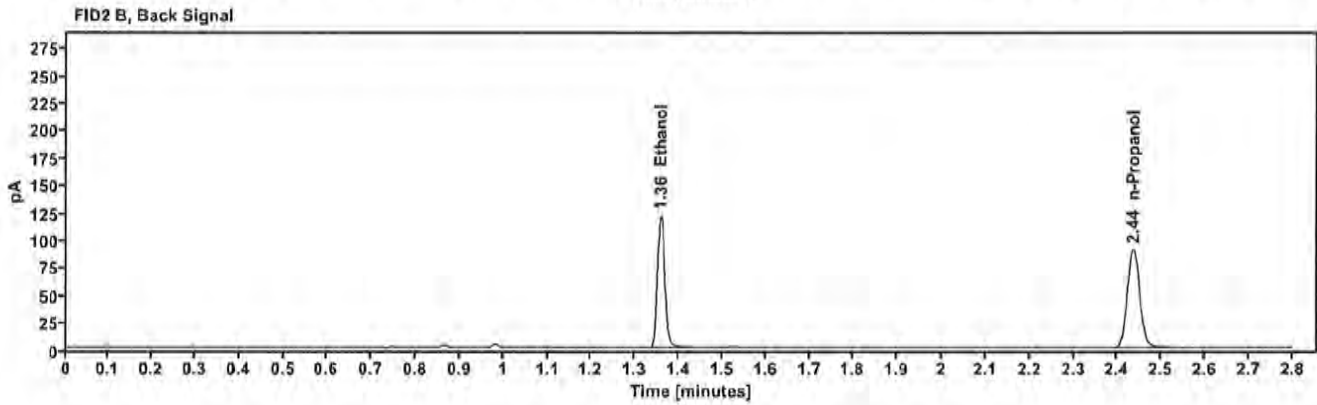
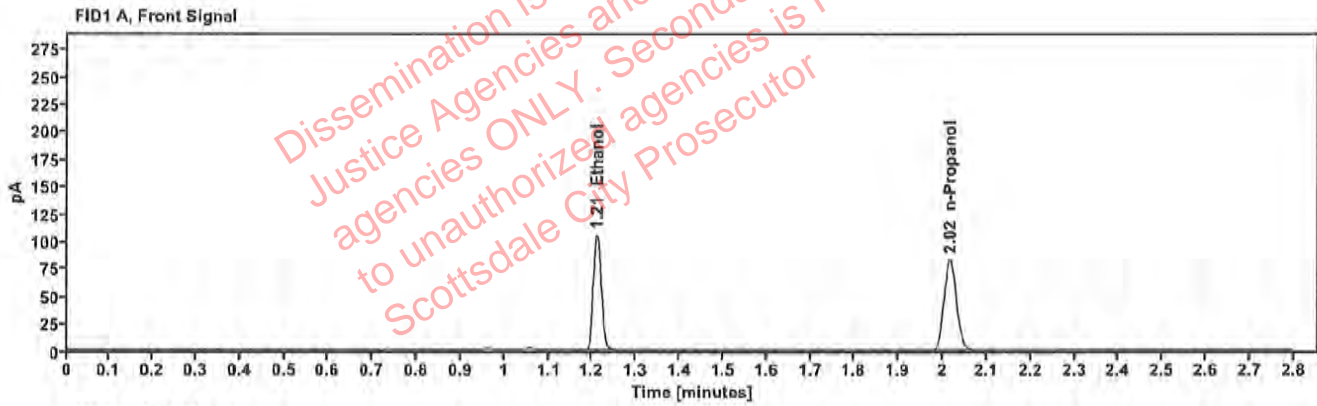


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2115	1.210	133.800
n-Propanol	-----	2.016	164.626

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	146.232
n-Propanol	2.436	178.792

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316284-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 12:57:32 PM
Data file:	C:\Chem32\1\Data\22Aug23\30.D	Analyst:	Canonico

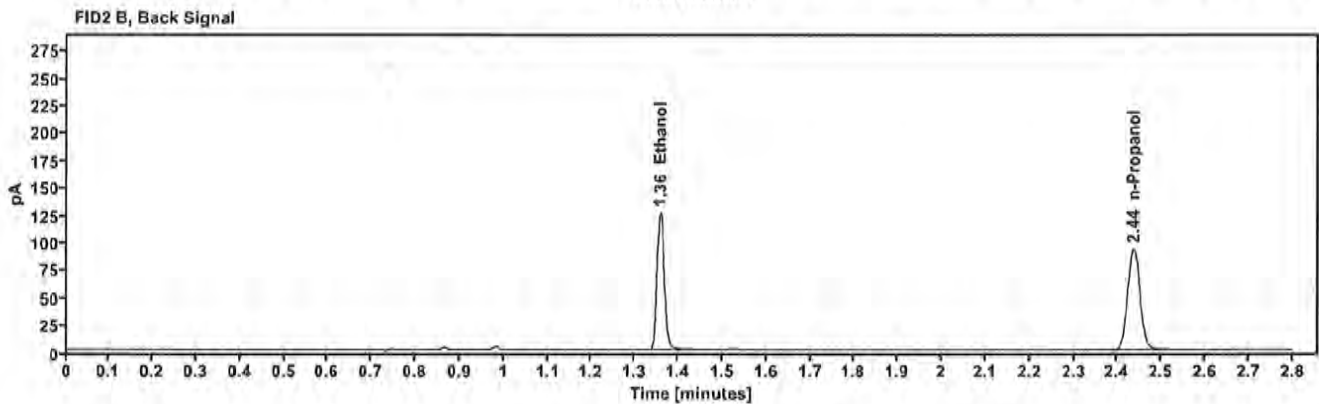
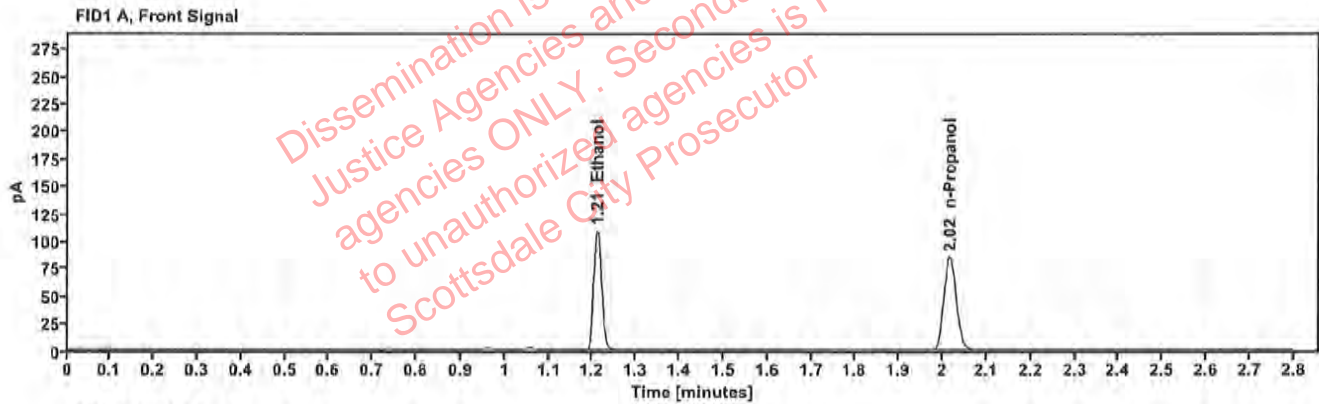


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2137	1.211	138.575
n-Propanol	-----	2.016	168.762

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	151.652
n-Propanol	2.436	183.282

██████████: Canonico, Erika - (22-Aug-2023)

Case: ██████████ User: ecanonico 8/22/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316979-1	Vial:	32
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 1:05:47 PM
Data file:	C:\Chem32\1\Data\22Aug23\32.D	Analyst:	Canonico

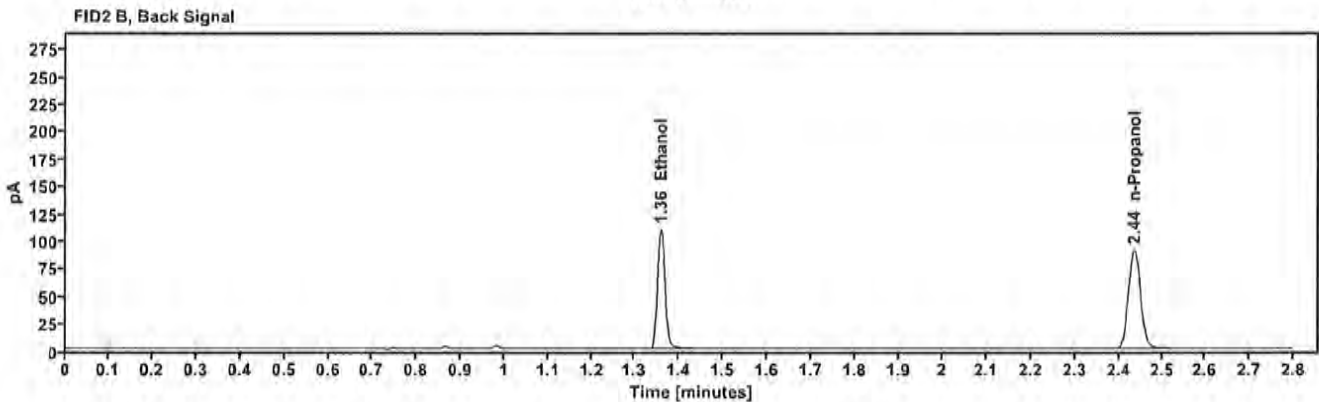
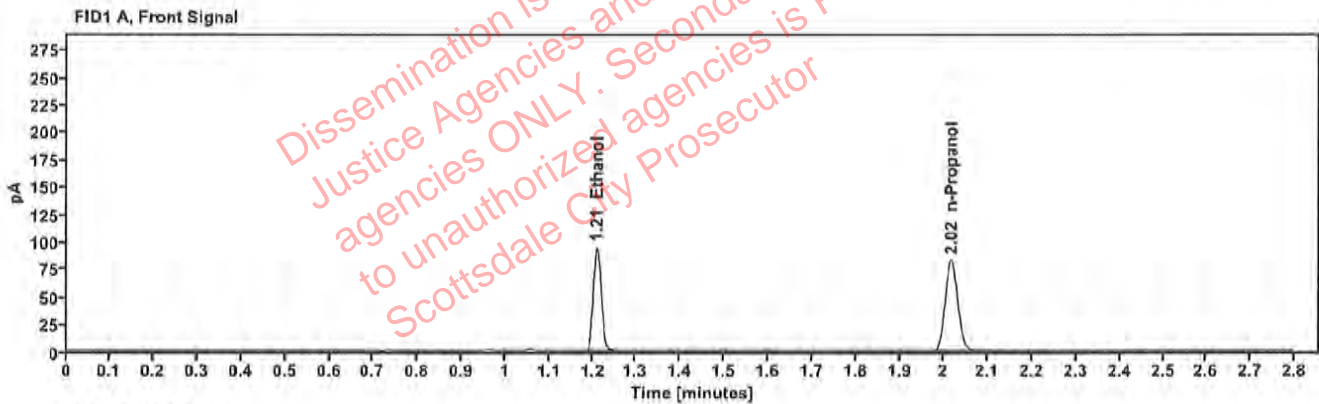


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1907	1.210	120.186
n-Propanol	—	2.016	164.109

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	131.237
n-Propanol	2.436	178.027

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316979-1	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 1:09:47 PM
Data file:	C:\Chem32\1\Data\22Aug23\33.D	Analyst:	Canonico

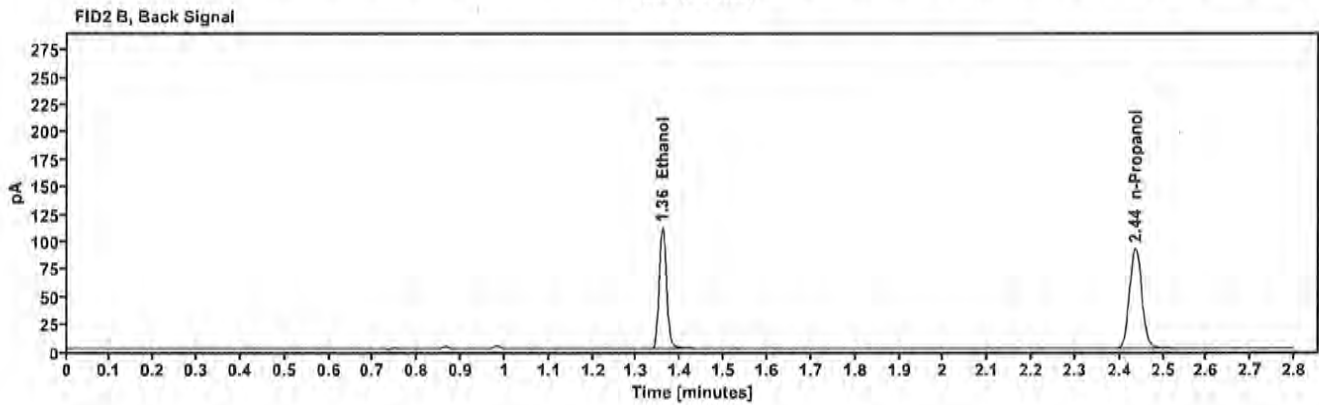
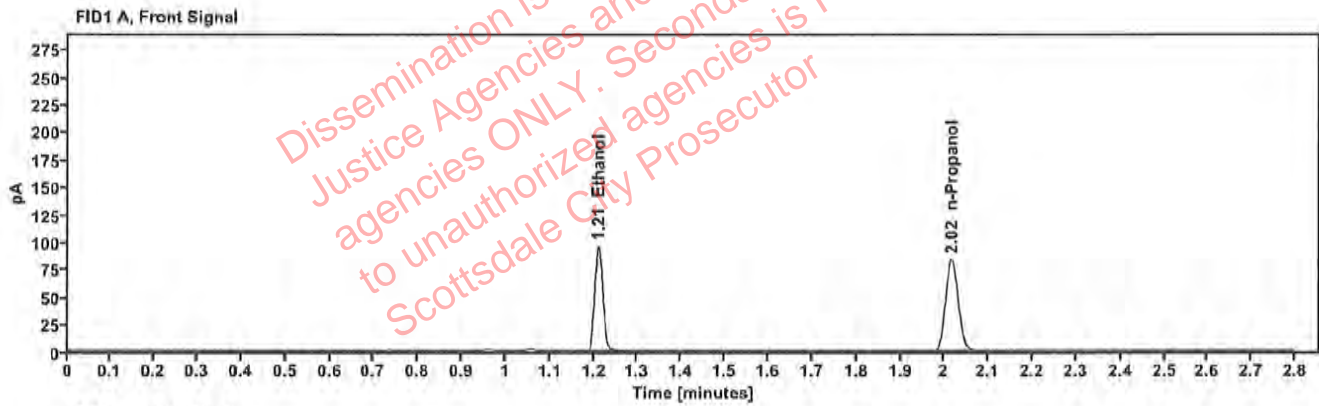


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1910	1.211	122.327
n-Propanol	---	2.016	166.709

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	133.417
n-Propanol	2.436	180.840

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304950-1	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 1:13:48 PM
Data file:	C:\Chem32\1\Data\22Aug23\34.D	Analyst:	Canonico

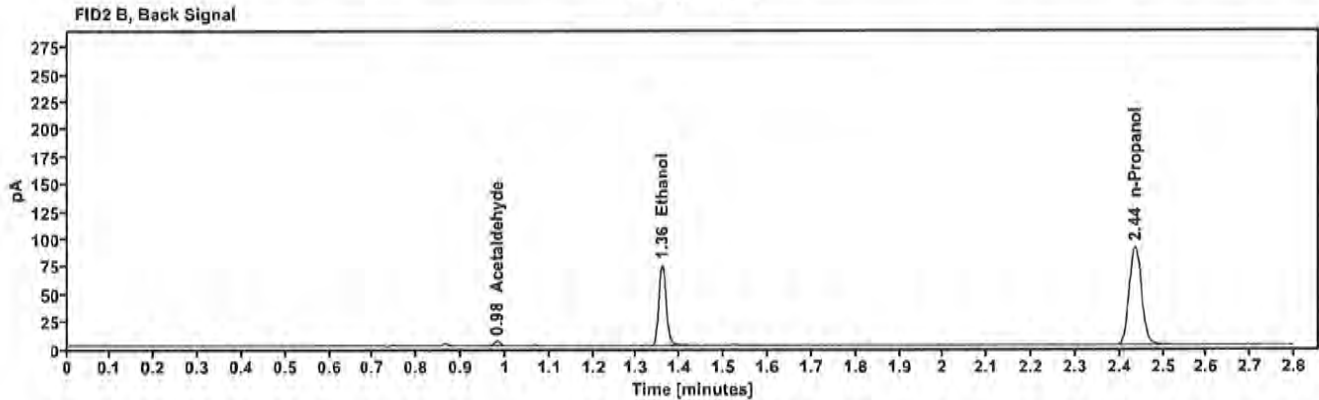
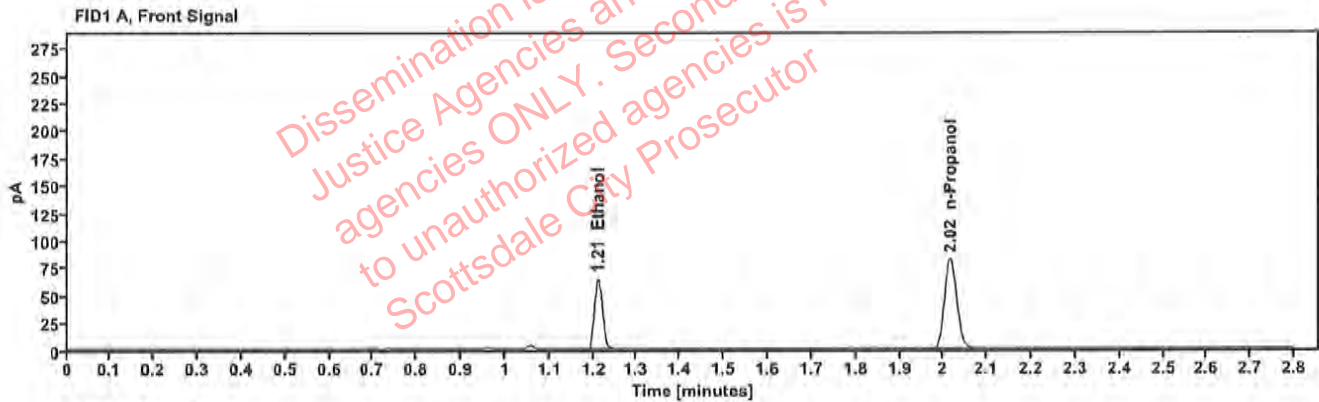


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1306	1.211	81.949
n-Propanol	—	2.016	163.805

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	4.195
Ethanol	1.358	89.386
n-Propanol	2.436	177.926

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304950-1	Vial:	35
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 1:17:48 PM
Data file:	C:\Chem32\1\Data\22Aug23\35.D	Analyst:	Canonico

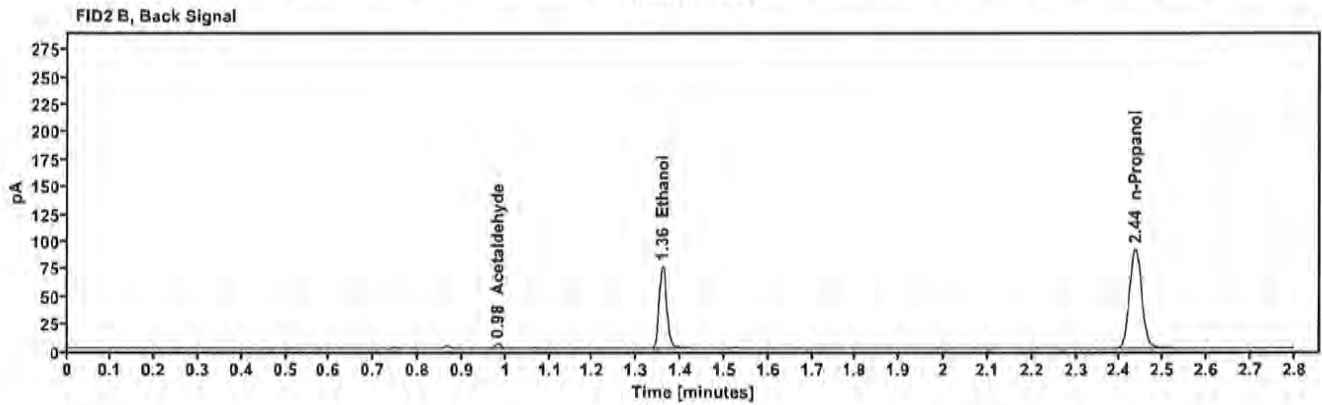
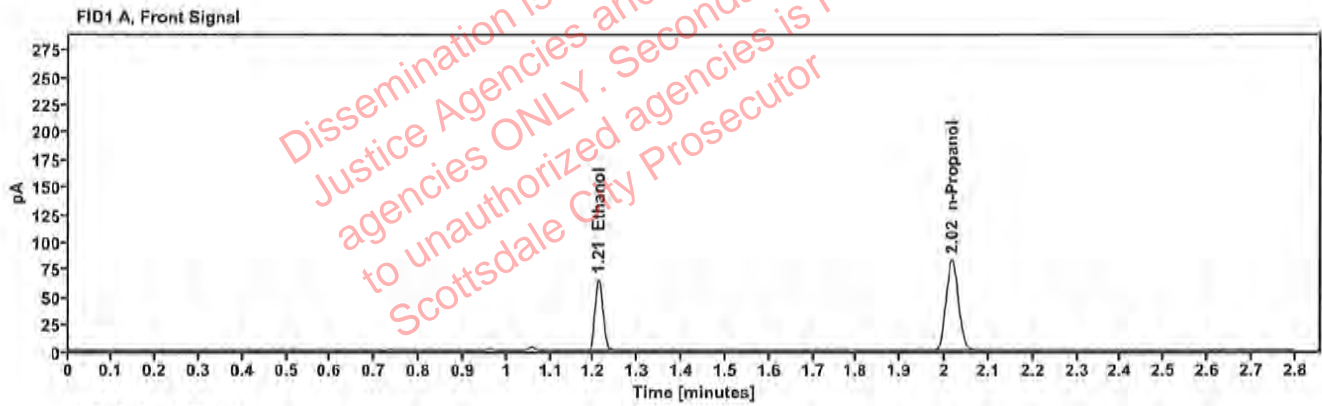


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1313	1.211	83.230
n-Propanol	---	2.016	165.477

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	4.166
Ethanol	1.358	90.898
n-Propanol	2.436	179.836

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316462-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 1:21:48 PM
Data file:	C:\Chem32\1\Data\22Aug23\36.D	Analyst:	Canonico

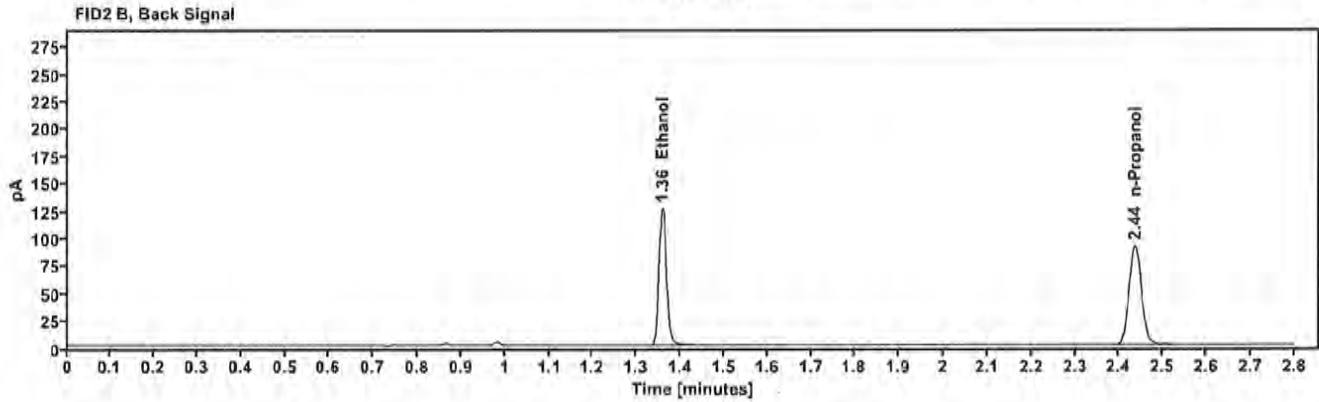
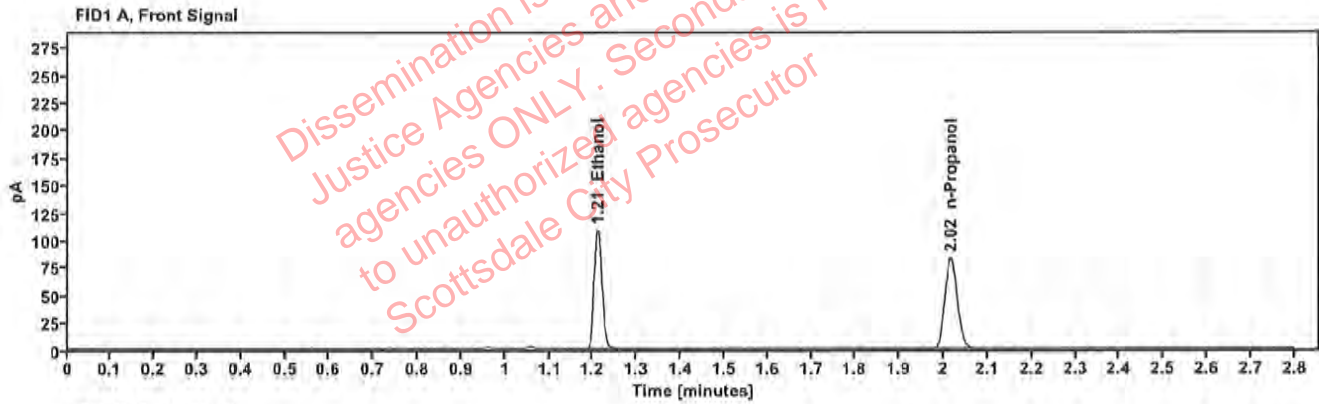


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2181	1.210	138.327
n-Propanol	---	2.016	164.986

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	151.339
n-Propanol	2.436	179.284

[REDACTED]: Canonico, Erika - (22-Aug-2023)

Case: [REDACTED] User: ecanonico 8/22/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2316462-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 1:26:02 PM
Data file:	C:\Chem32\1\Data\22Aug23\37.D	Analyst:	Canonico

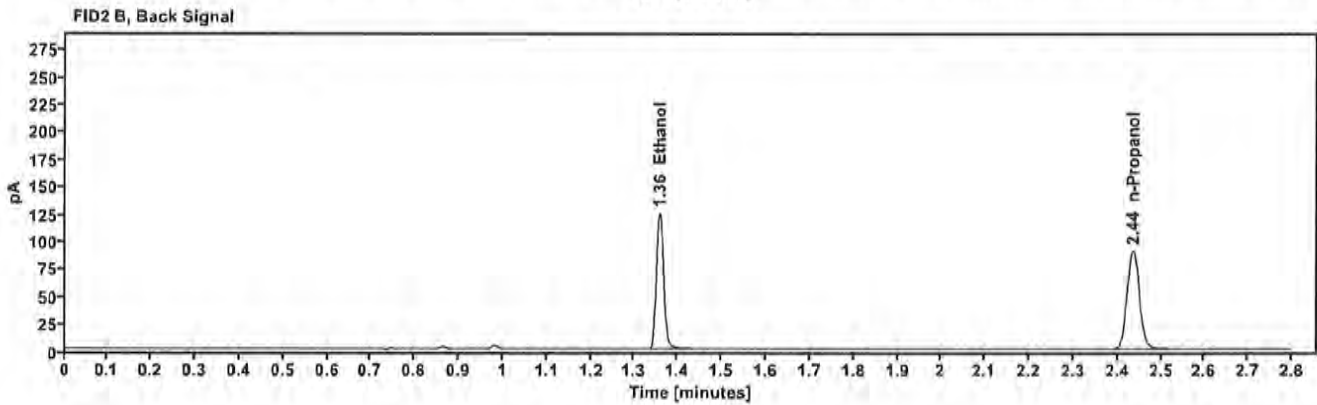
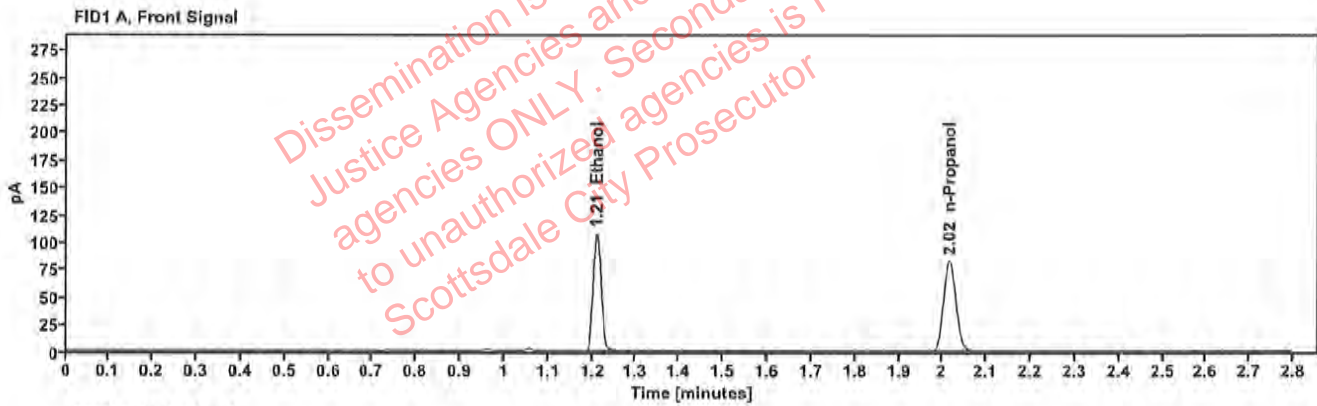


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2177	1.210	137.499
n-Propanol	-----	2.016	164.291

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	150.261
n-Propanol	2.435	178.427

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2314369-6	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 1:30:03 PM
Data file:	C:\Chem32\1\Data\22Aug23\38.D	Analyst:	Canonico

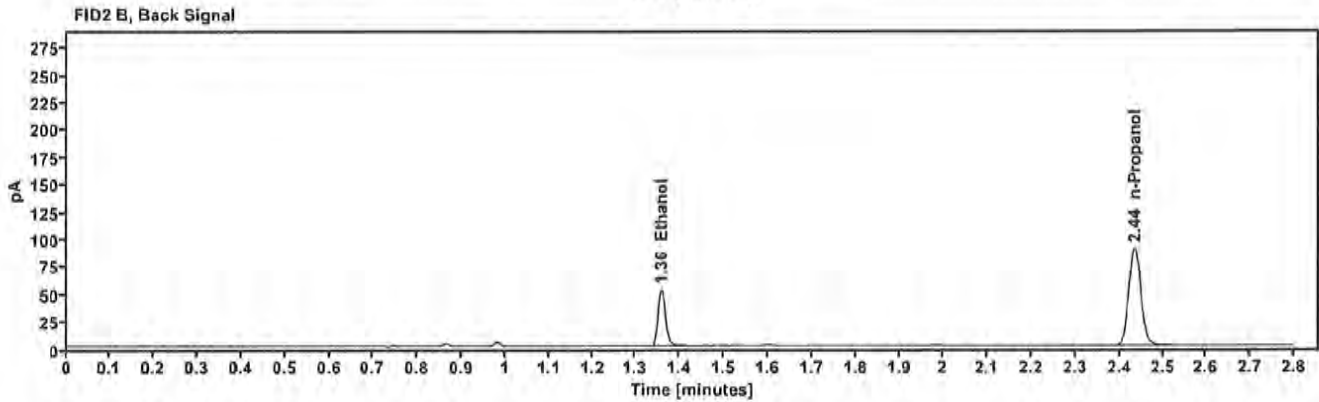
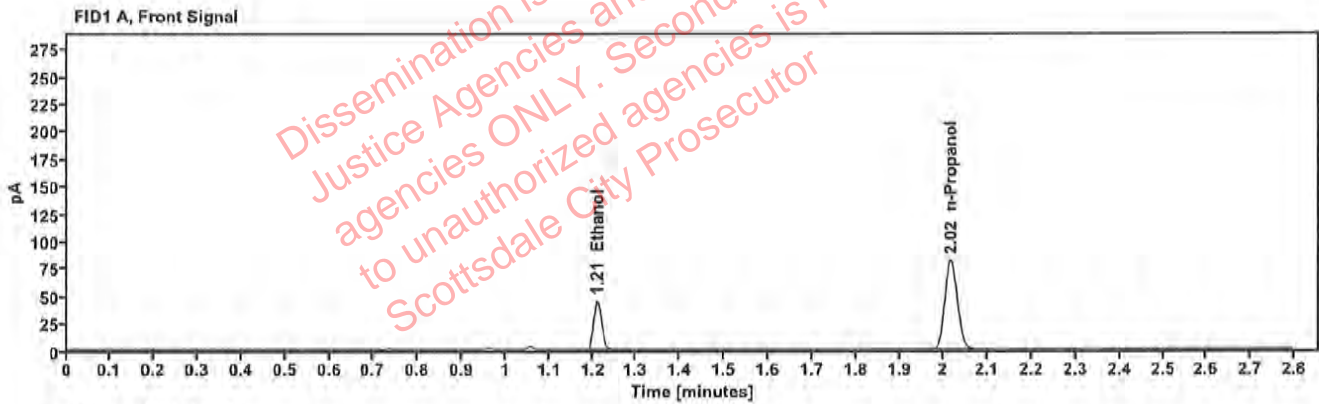


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0921	1.211	57.321
n-Propanol	---	2.016	163.112

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	62.678
n-Propanol	2.435	176.639

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2314369-6	Vial:	39
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	22Aug23
Instrument:	US14173023 CN14160045	Injection date:	8/22/2023 1:34:03 PM
Data file:	C:\Chem32\1\Data\22Aug23\39.D	Analyst:	Canonico

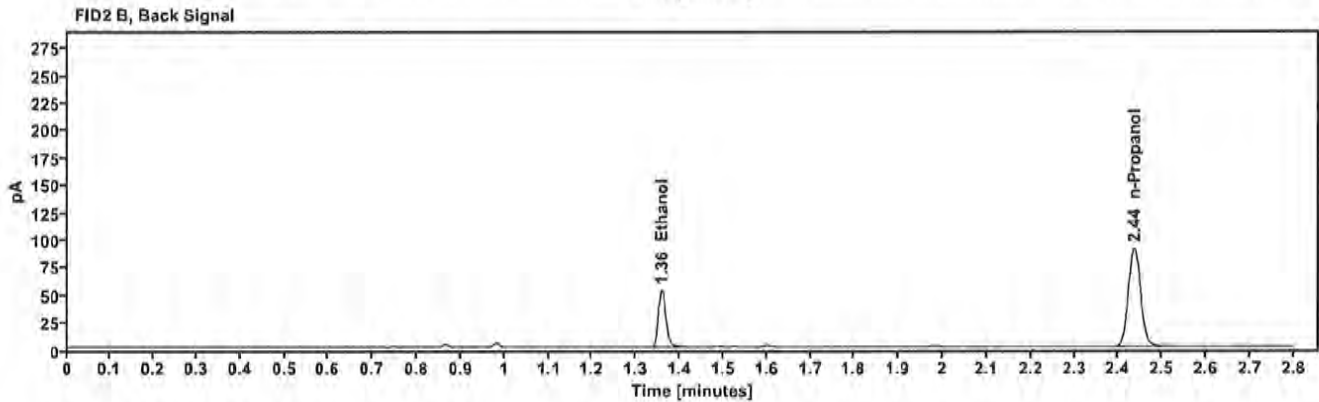
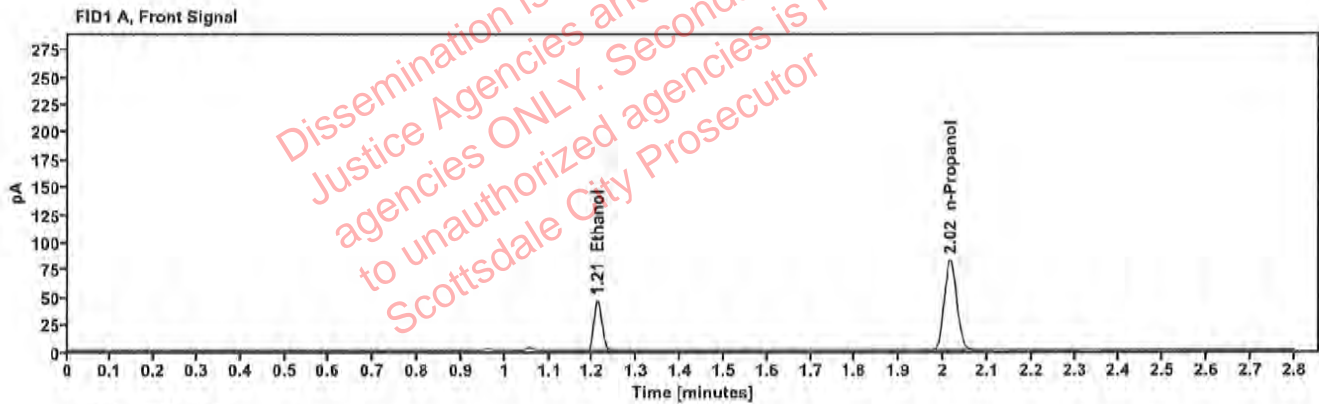


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0919	1.211	57.874
n-Propanol	---	2.016	165.091

Table 2: FID 2 B (column DB-ALC2)

Compound	Time (min)	Peak Area
Ethanol	1.358	63.243
n-Propanol	2.435	178.791