

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 06/21/2023 SEQUENCE NAME 21Jun23

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

Vial 1 0.02 calibrator Lot FN10051909 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN05311902 0.99972  
 Vial 3 0.20 calibrator Lot FN02052101  
 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	0.390 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.042 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	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/10
42	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
51	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 30012020-A
52	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
53	Blood control	0.199 g/dL	0.201 g/dL	ACQ 4110320133/10
54	Blank	Not detected	Not detected	SPD lab 060223AQ

**SUBJECT SAMPLES**

Subjects in the sequence 19 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.  
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 \_\_\_\_\_  
 \_\_\_\_\_

Run valid  Run invalid  Erika Canonico Analyst  
 Run valid  Run invalid  Doni Abbott Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 21Jun23

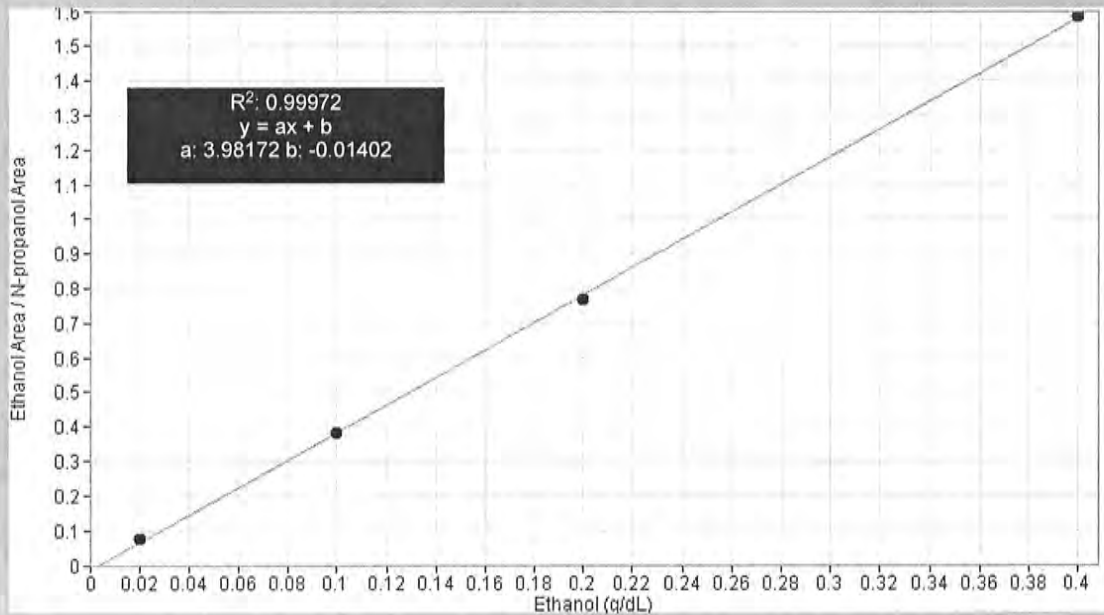
ANALYST: Canonico

EL

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 011823WB	5	negative	negative	-	-
0.400 30012020-A	7	0.390	0.400	2.50	-0.010
0.040 14082019-B	8	0.042	0.040	5.00	0.002
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
0.199 4110320133/10	31	0.202	0.199	1.51	0.003
0.080 20012020-B	42	0.081	0.080	1.25	0.001
0.400 30012020-A	51	0.401	0.400	0.25	0.001
0.040 14082019-B	52	0.042	0.040	5.00	0.002
0.199 4110320133/10	53	0.201	0.199	1.01	0.002
blank 060223AQ	54	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.848	157.661	0.075
0.100	59.707	156.471	0.382
0.200	119.413	155.475	0.768
0.400	255.269	160.955	1.586

**Calibration Line**



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN10051909	<b>Vial:</b>	1
<b>Description:</b>	0.020 calibrator	<b>Sequence:</b>	21Jun23
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	6/21/2023 10:41:30 AM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Canonico <span style="float: right;">ee</span>
<b>Data file:</b>	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\1.D		

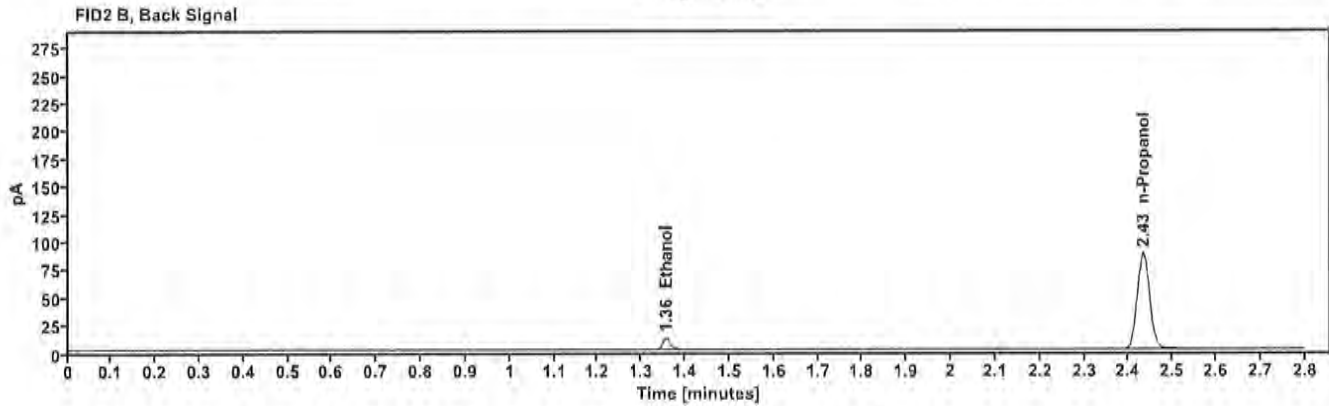
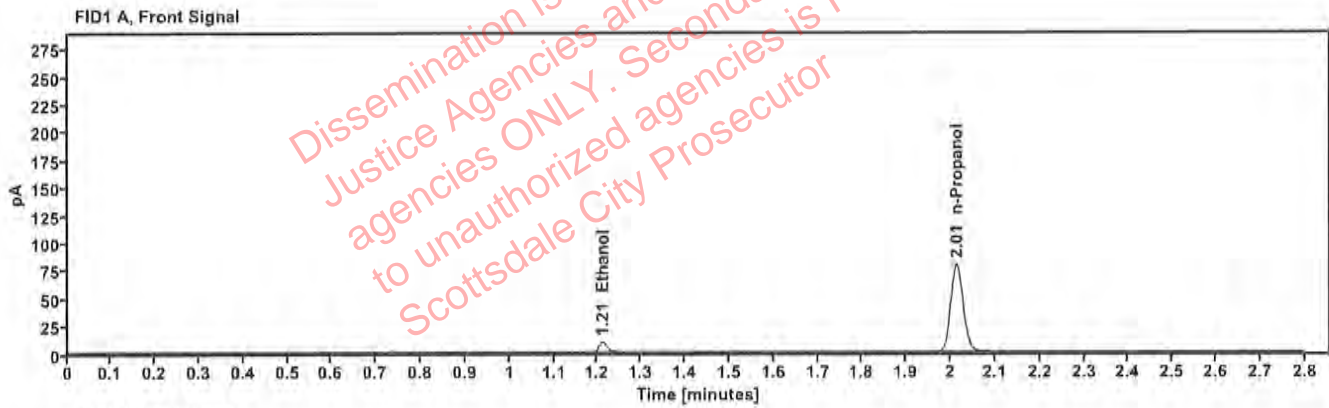


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.848
n-Propanol	2.014	157.661

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

Compound	Time (min)	Peak Area
Ethanol	1.356	12.793
n-Propanol	2.432	171.018



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	21Jun23
Method:	ethanol quant.M	Injection date:	6/21/2023 10:45:29 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ec</i>
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\2.D		

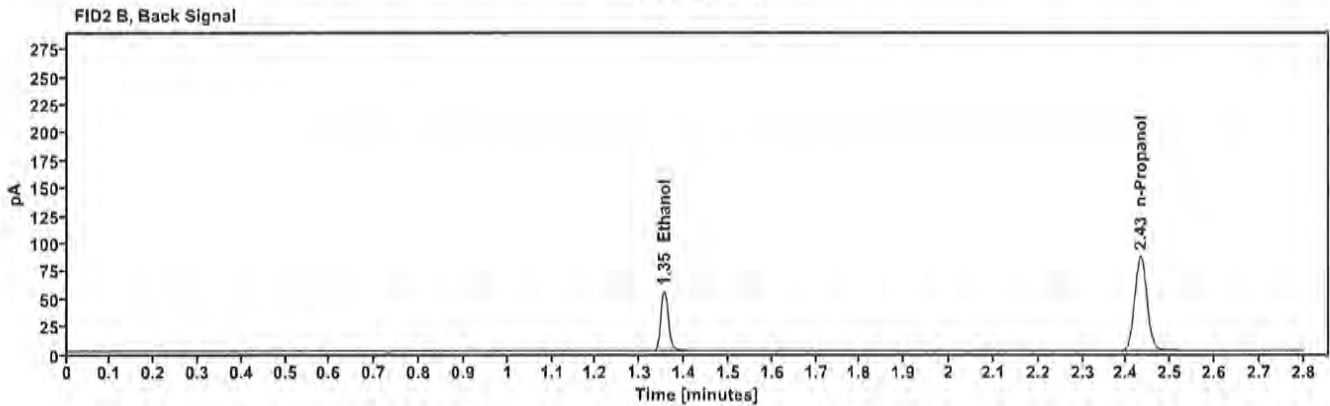
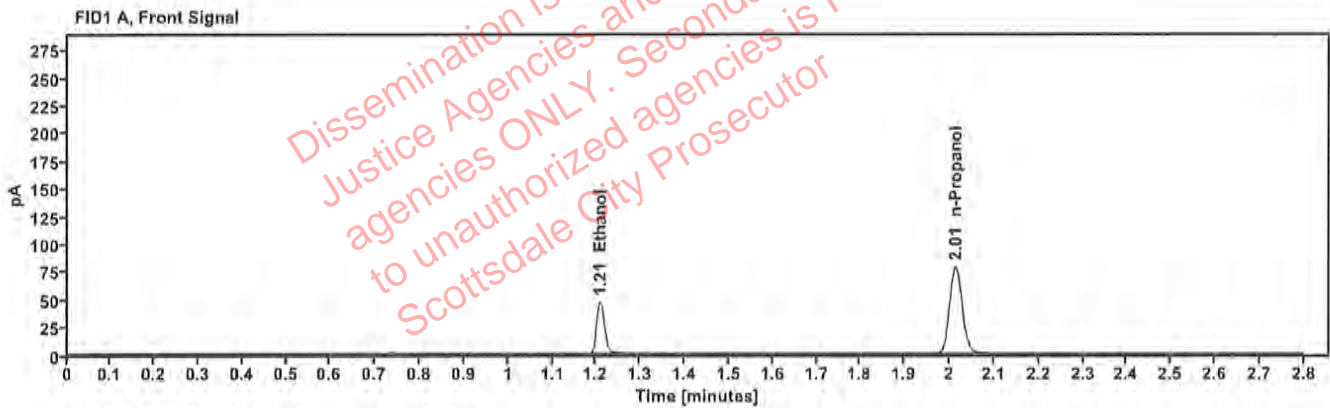


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	59.707
n-Propanol	2.013	156.471

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

Compound	Time (min)	Peak Area
Ethanol	1.354	64.729
n-Propanol	2.432	169.746

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN02052101	<b>Vial:</b>	3
<b>Description:</b>	0.200 calibrator	<b>Sequence:</b>	21Jun23
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	6/21/2023 10:49:29 AM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Canonico <span style="float: right;">EC</span>
<b>Data file:</b>	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\3.D		

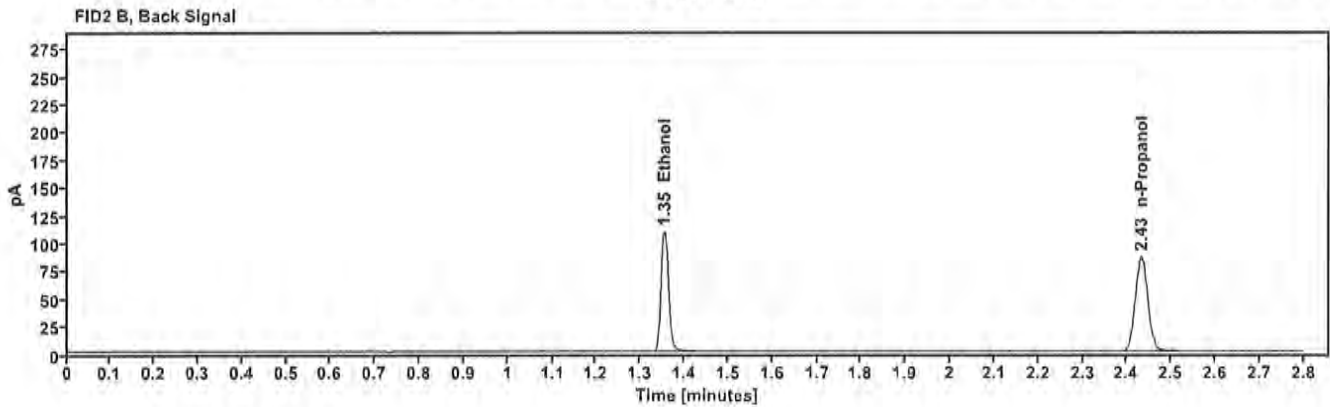
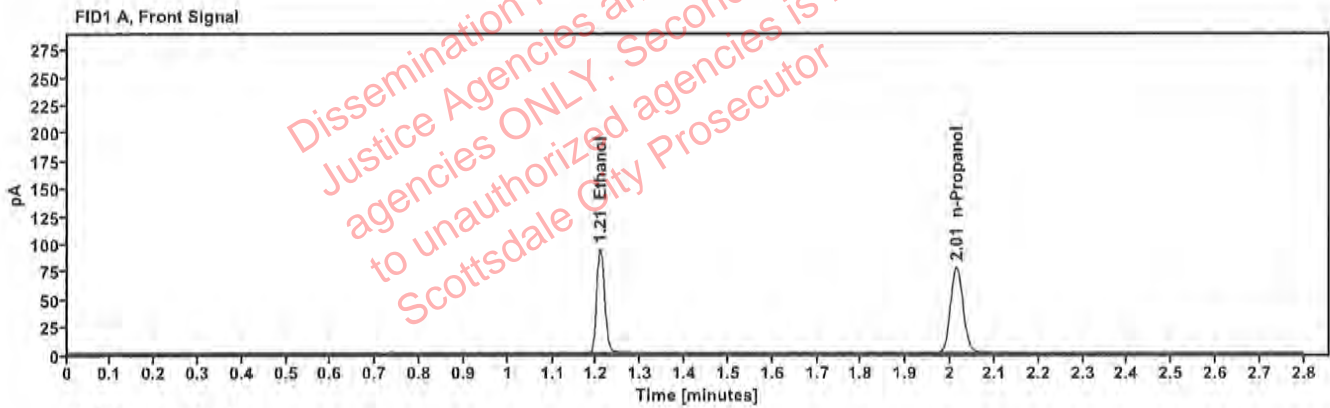


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	119.413
n-Propanol	2.014	155.475

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

Compound	Time (min)	Peak Area
Ethanol	1.354	130.002
n-Propanol	2.432	168.593

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03052102	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 21Jun23
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 6/21/2023 10:53:30 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">EE</span>
<b>Data file:</b> C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\4.D	

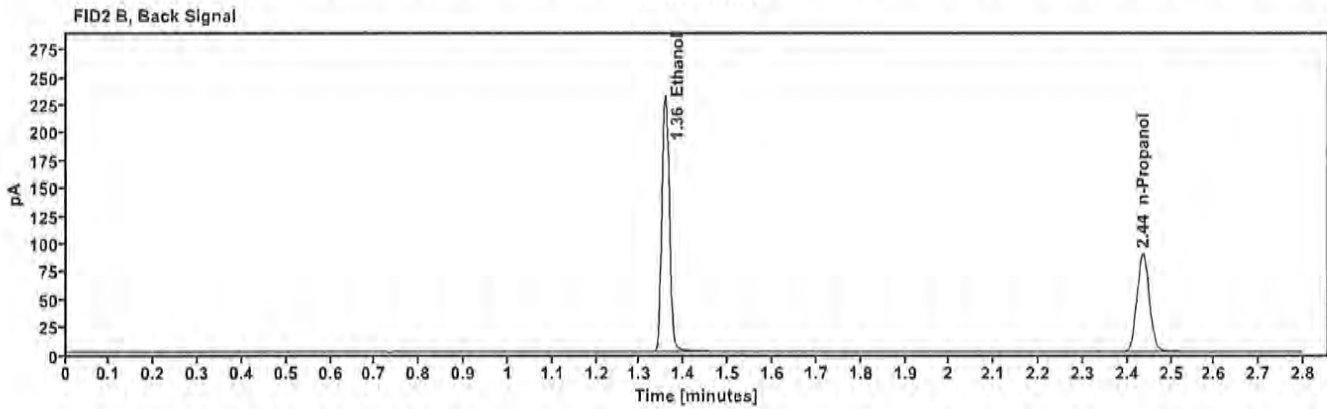
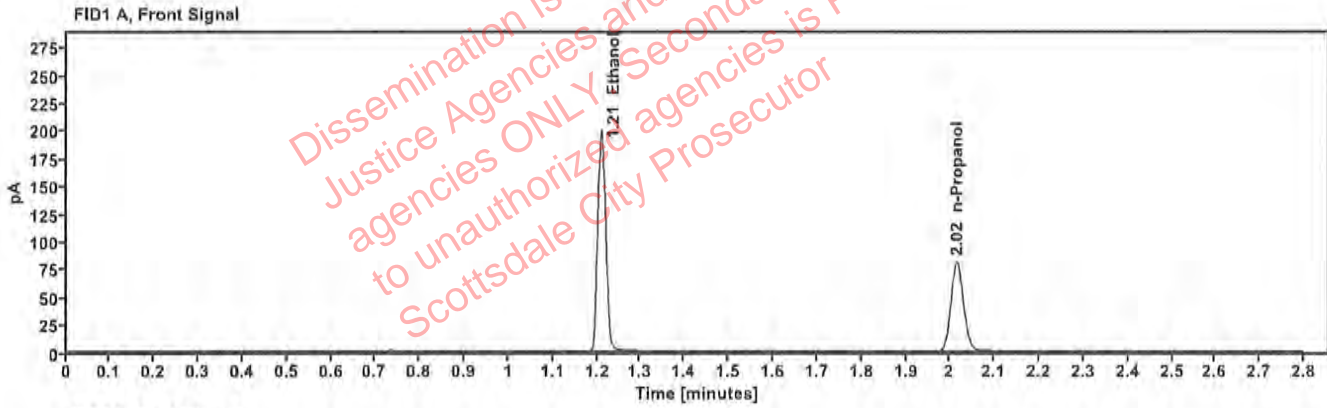


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	255.269
n-Propanol	2.016	160.955

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

Compound	Time (min)	Peak Area
Ethanol	1.357	279.202
n-Propanol	2.435	174.641

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	011823WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 10:57:29 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\5.D	Analyst:	Cánonico <i>EC</i>

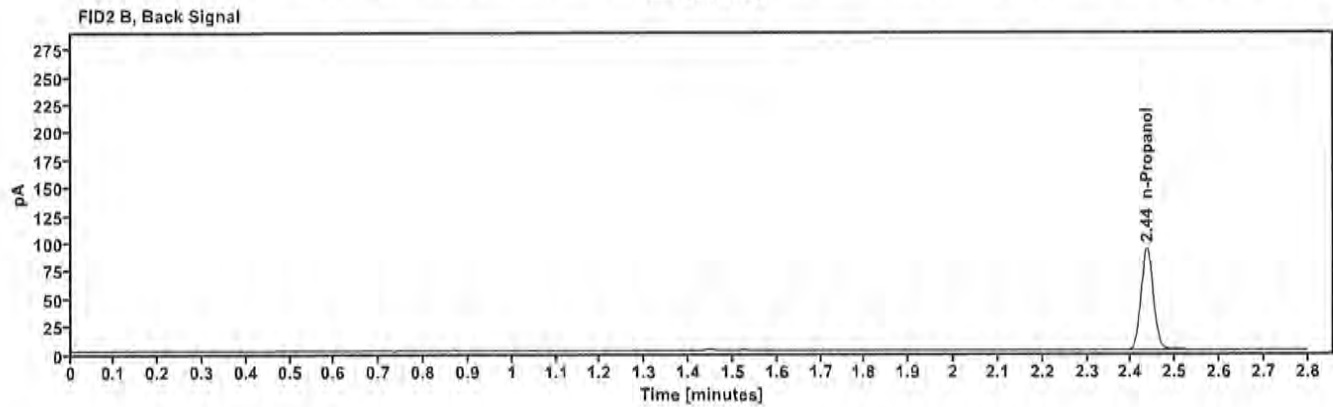
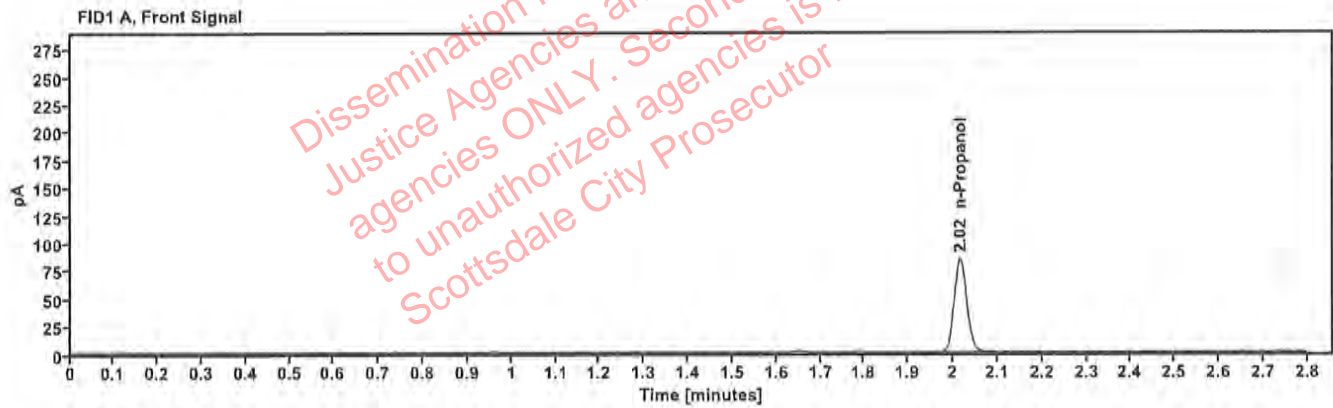


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.016	167.845

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

Compound	Time (min)	Peak Area
n-Propanol	2.435	182.276



# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 050721MIX	<b>Vial:</b> 6
<b>Description:</b> Volatiles mix	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21Jun23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 6/21/2023 11:01:30 AM
<b>Data file:</b> C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\6.D	<b>Analyst:</b> Canonico <i>ec</i>

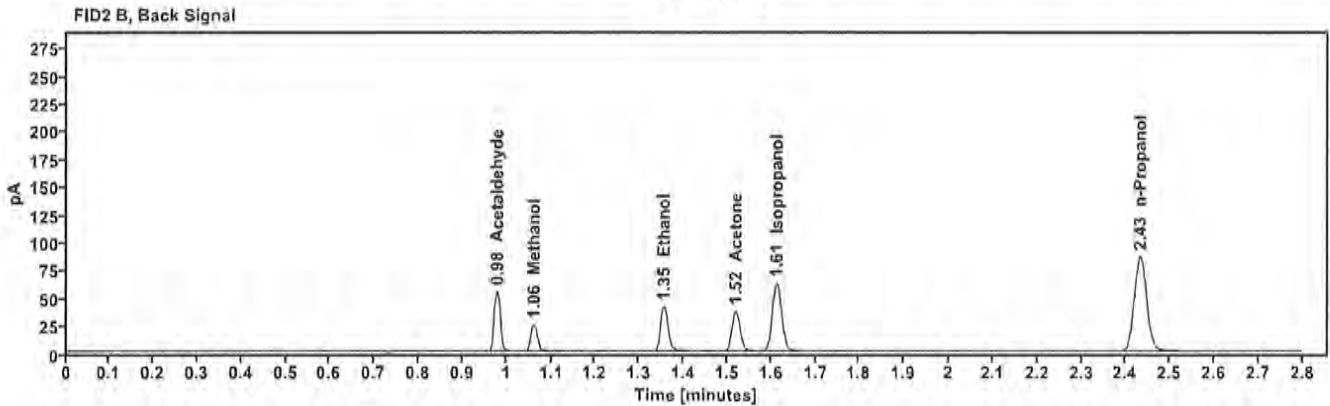
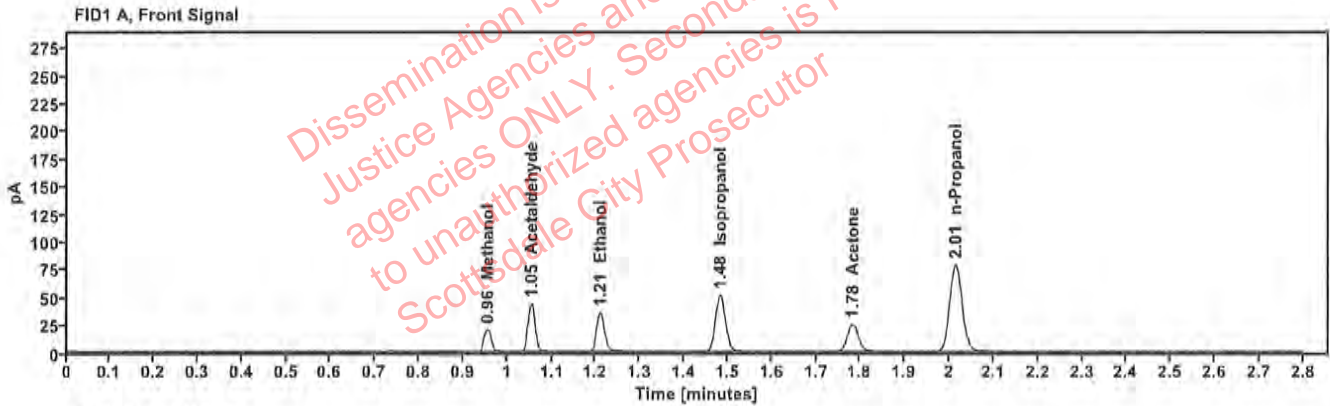


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	22.992
Acetaldehyde	-----	1.054	48.047
>Ethanol	0.0754	1.209	44.913
Isopropanol	-----	1.482	82.202
Acetone	-----	1.782	43.267
n-Propanol	-----	2.014	156.824

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.979	53.691
Methanol	1.060	25.468
Ethanol	1.355	48.853
Acetone	1.519	47.741
Isopropanol	1.613	90.951
n-Propanol	2.432	170.120



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 11:05:44 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\7.D	Analyst:	Canonico <i>ec</i>

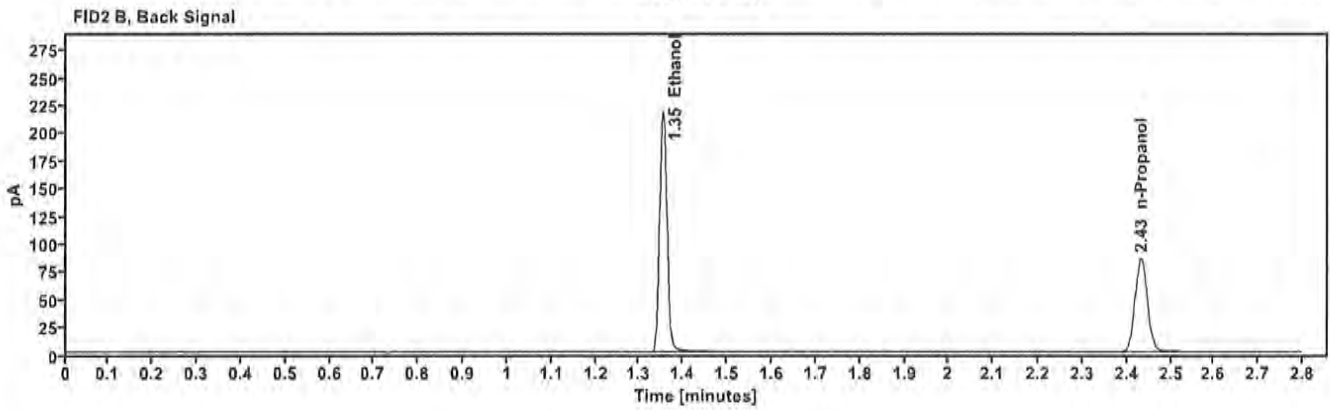
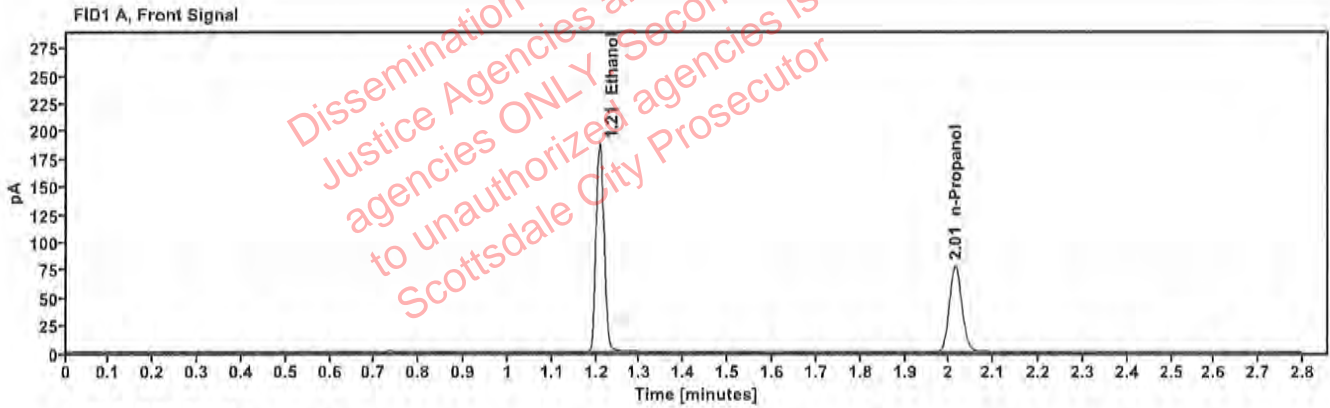


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3908	1.207	238.848
n-Propanol	-----	2.014	154.883

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

Compound	Time (min)	Peak Area
Ethanol	1.354	261.701
n-Propanol	2.432	167.987

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 11:09:44 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\8.D	Analyst:	Canonico <i>ec</i>

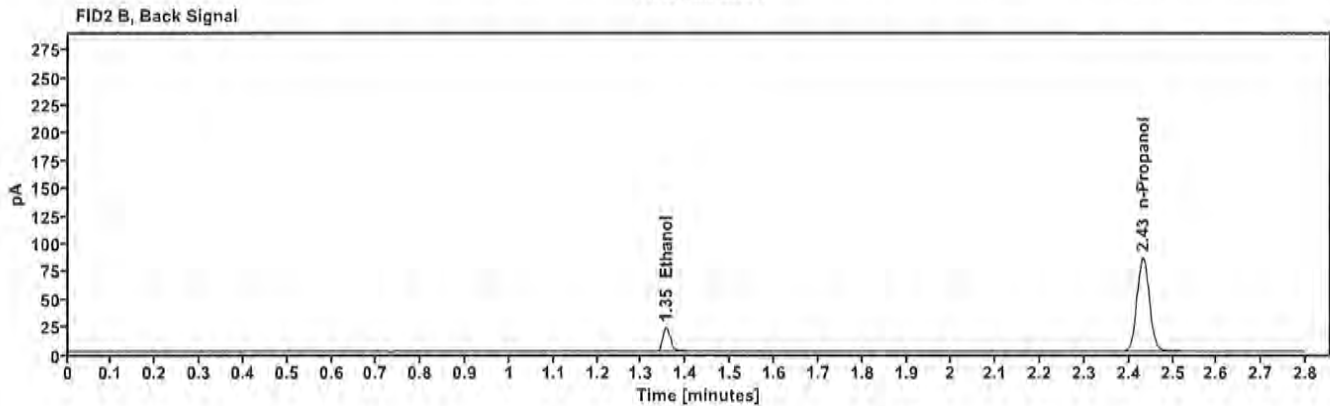
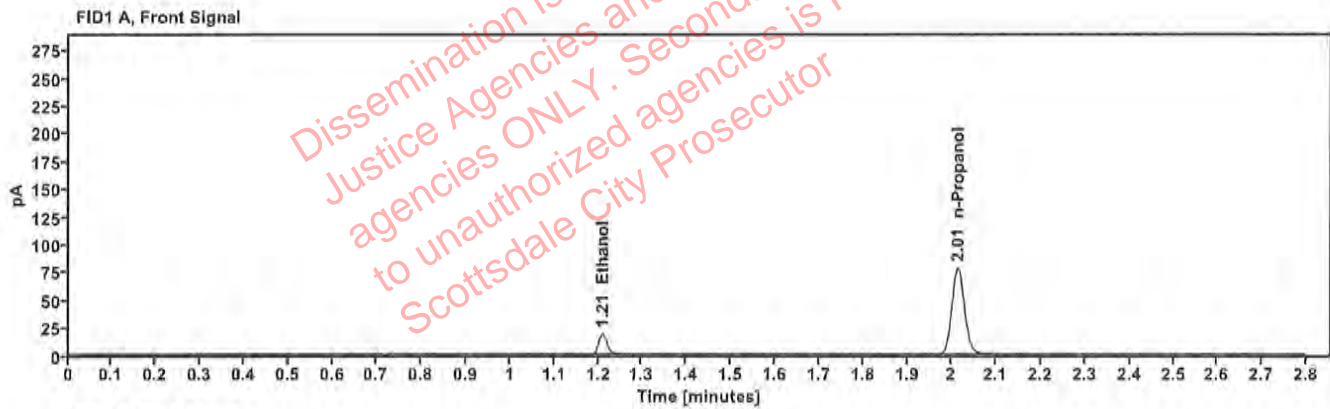


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0420	1.210	23.808
n-Propanol	-----	2.013	155.395

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

Compound	Time (min)	Peak Area
Ethanol	1.355	25.851
n-Propanol	2.432	168.683

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/10	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 21Jun23
Instrument: US14173023 CN14160045	Injection date: 6/21/2023 11:13:44 AM
Data file: C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\9.D	Analyst: Canonico <i>EC</i>

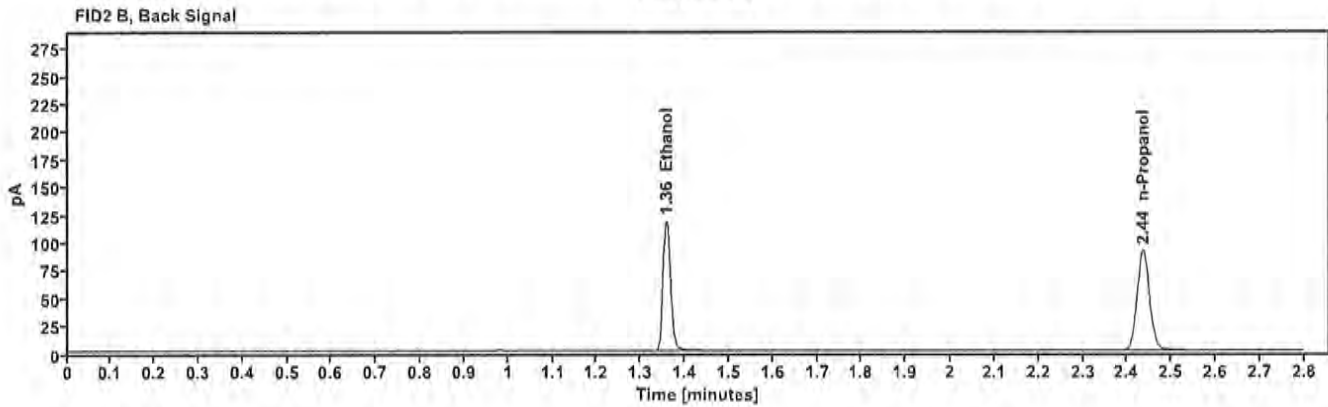
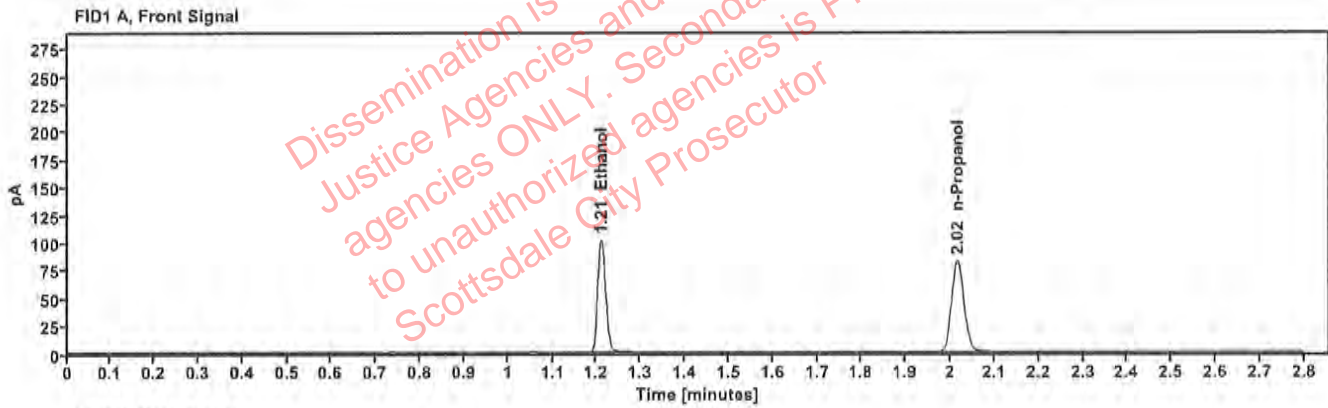


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2018	1.210	129.916
n-Propanol	---	2.016	164.528

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

Compound	Time (min)	Peak Area
Ethanol	1.358	141.780
n-Propanol	2.436	178.718



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 11:58:14 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\20.D	Analyst:	Canonico <i>ec</i>

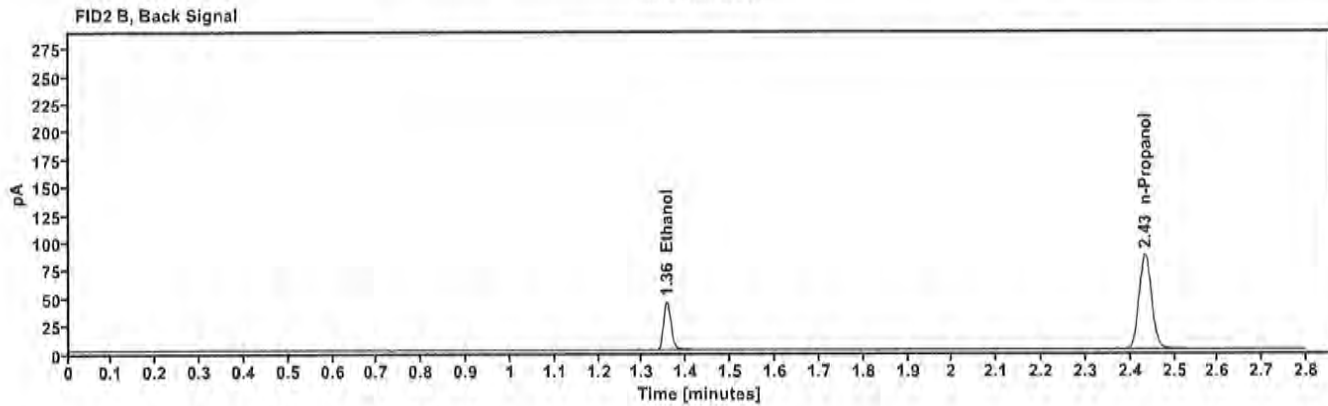
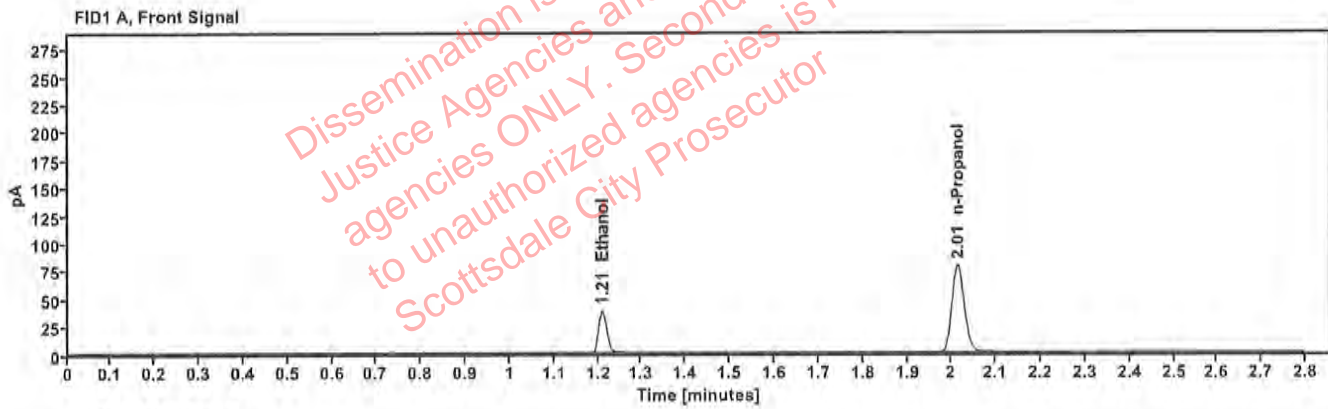


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0808	1.209	48.262
n-Propanol	—	2.014	156.901

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

Compound	Time (min)	Peak Area
Ethanol	1.355	52.715
n-Propanol	2.433	170.458

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/10	Vial: 31
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 21Jun23
Instrument: US14173023 CN14160045	Injection date: 6/21/2023 12:42:45 PM
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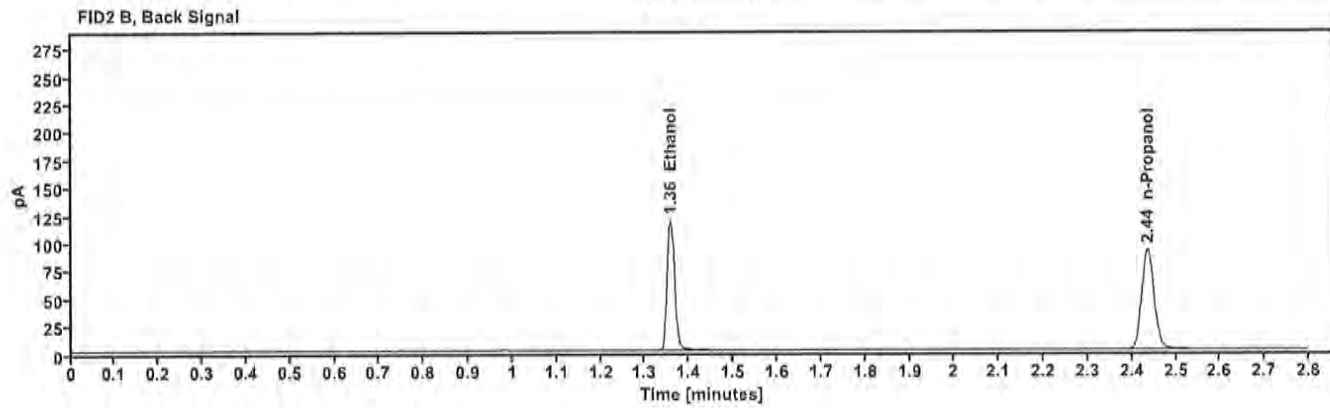
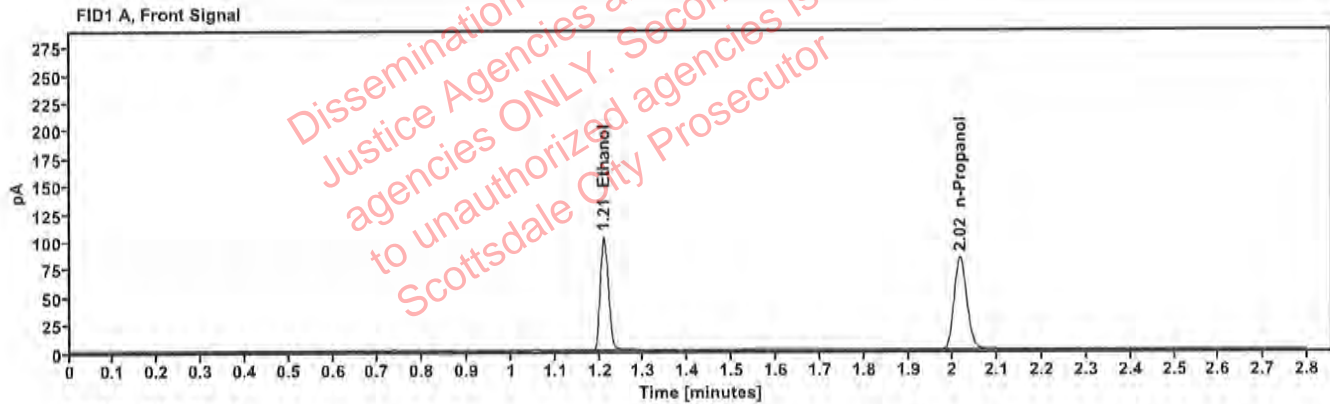


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2021	1.210	130.693
n-Propanol	---	2.016	165.261

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

Compound	Time (min)	Peak Area
Ethanol	1.358	142.595
n-Propanol	2.436	179.583

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 20012020-B	<b>Vial:</b> 42
<b>Description:</b> 0.080	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21Jun23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 6/21/2023 1:27:00 PM
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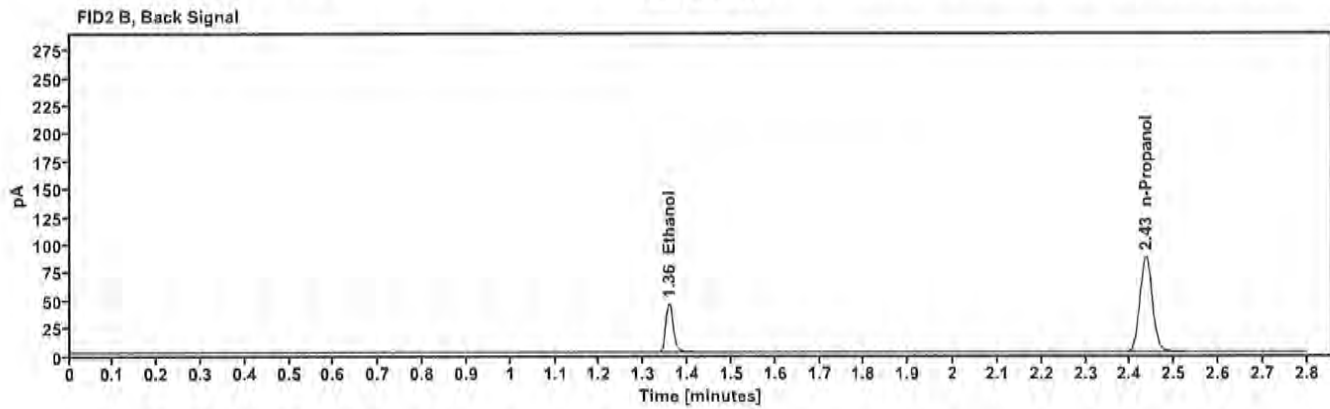
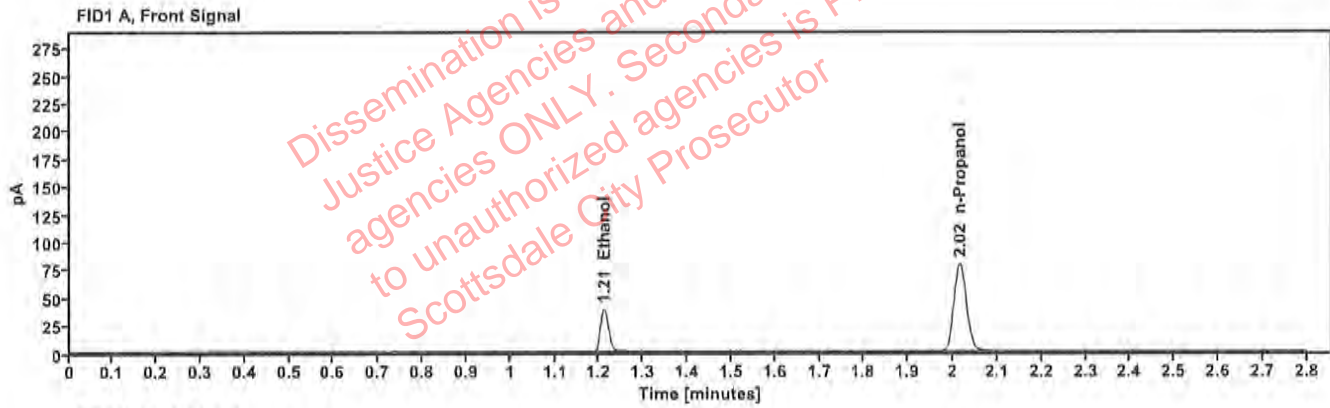


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0814	1.211	49.040
n-Propanol	---	2.015	158.161

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

Compound	Time (min)	Peak Area
Ethanol	1.357	53.505
n-Propanol	2.435	171.816



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	51
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 2:03:29 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\51.D	Analyst:	Canonico <i>EC</i>

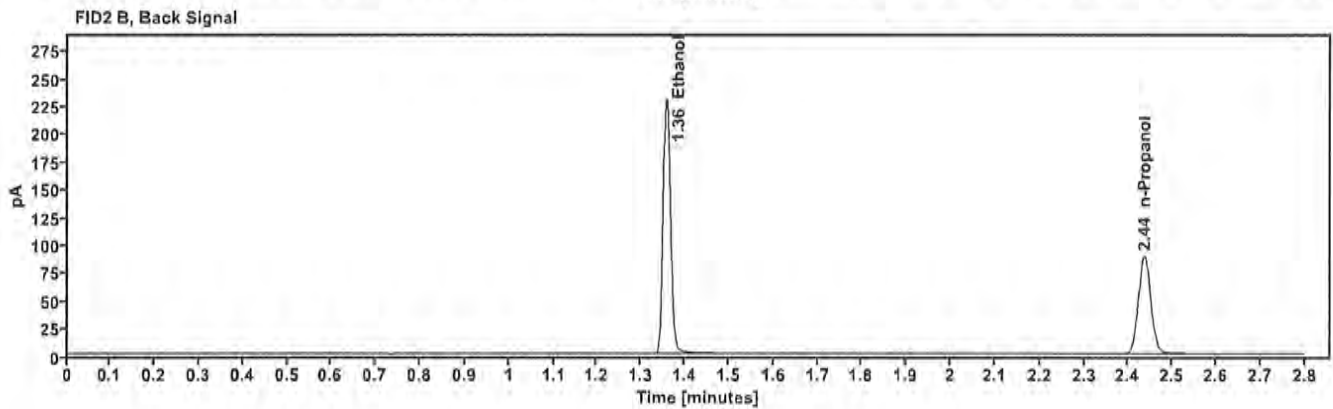
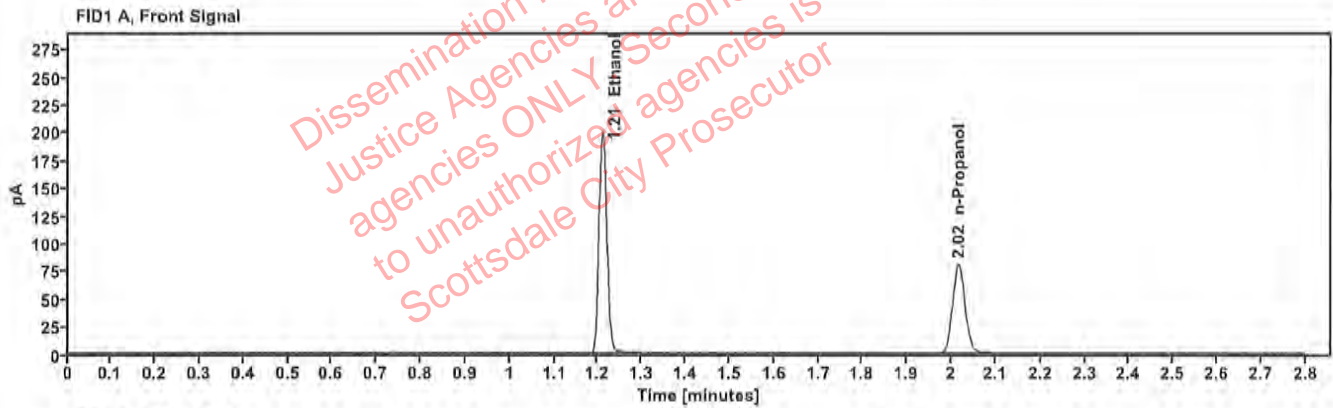


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4014	1.210	253.871
n-Propanol	-----	2.016	160.249

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

Compound	Time (min)	Peak Area
Ethanol	1.358	278.934
n-Propanol	2.436	174.343

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 14082019-B	<b>Vial:</b> 52
<b>Description:</b> 0.040	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 21Jun23
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 6/21/2023 2:07:30 PM
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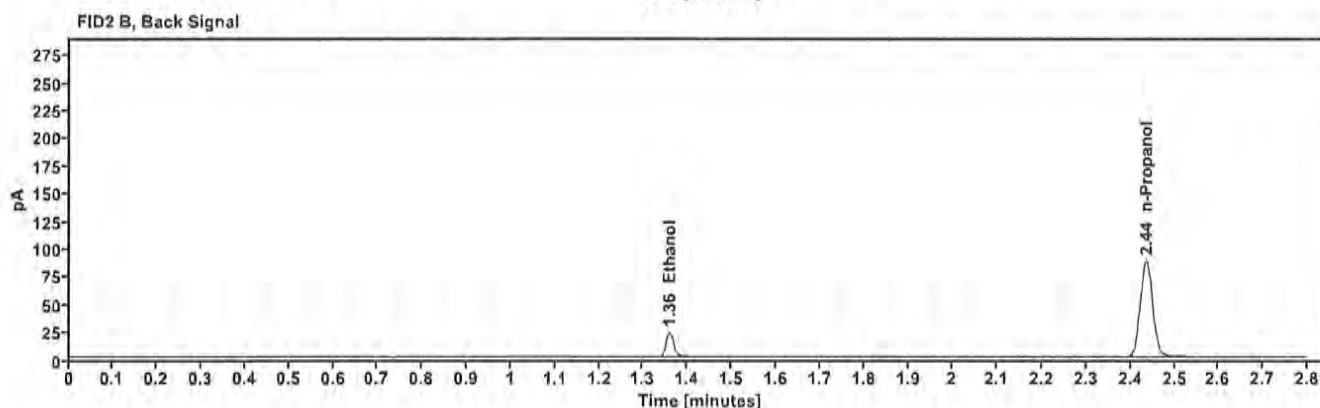
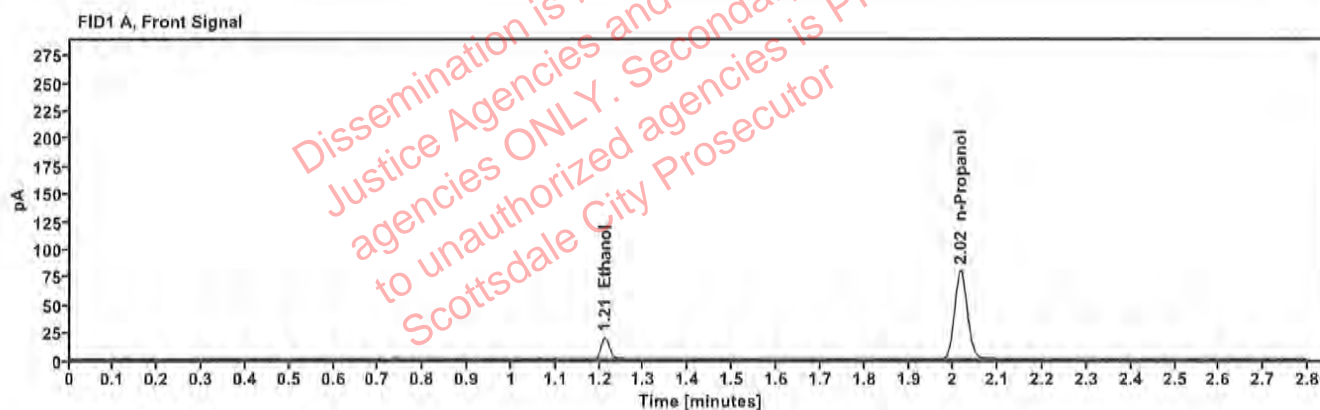


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0429	1.212	24.834
n-Propanol	-----	2.016	158.553

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

Compound	Time (min)	Peak Area
Ethanol	1.358	27.107
n-Propanol	2.435	172.329

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/10	Vial:	53
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 2:11:29 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\53.D	Analyst:	Canonico <i>EC</i>

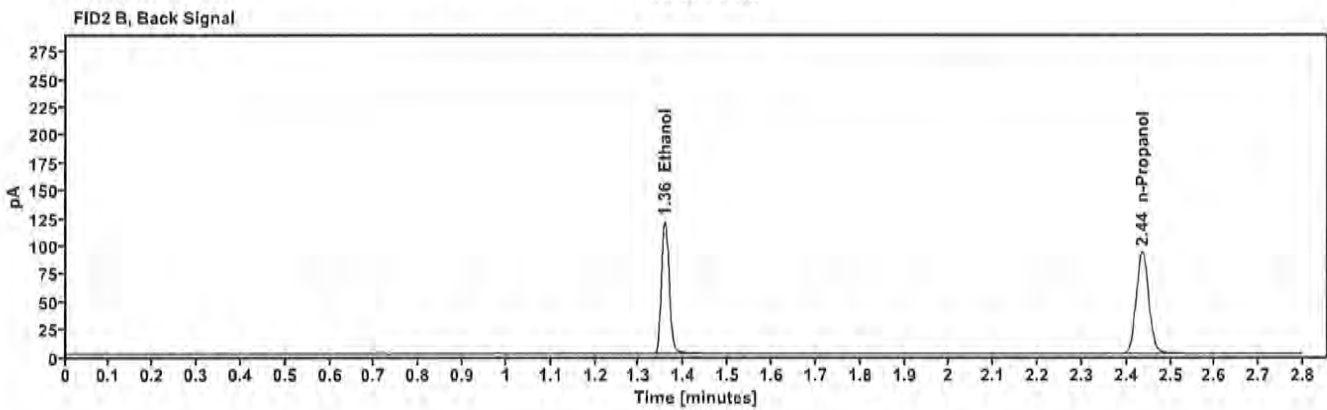
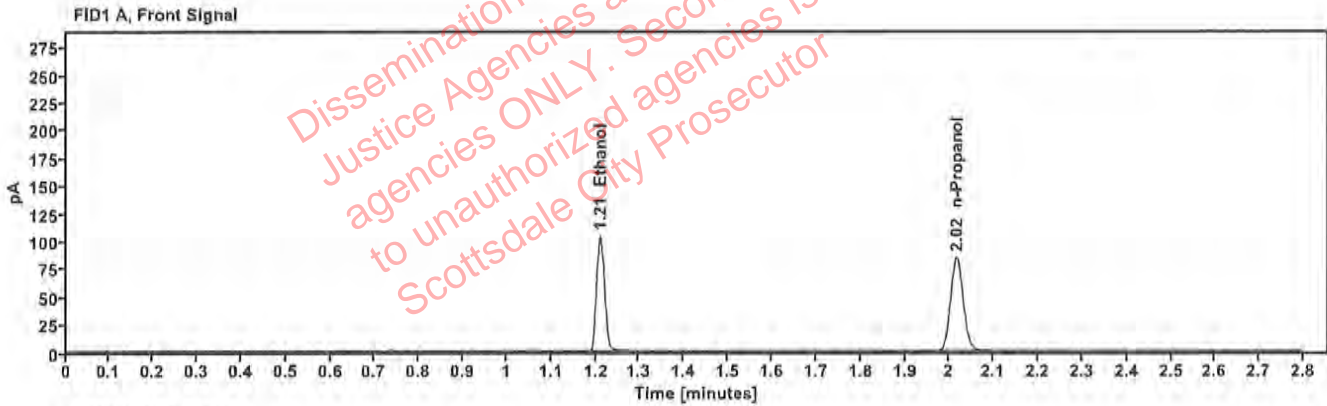


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2015	1.210	132.331
n-Propanol	---	2.016	167.833

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

Compound	Time (min)	Peak Area
Ethanol	1.358	144.908
n-Propanol	2.436	182.528



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	060223AQ	Vial:	54
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 2:15:29 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\54.D		Analyst: Canonico <i>EC</i>

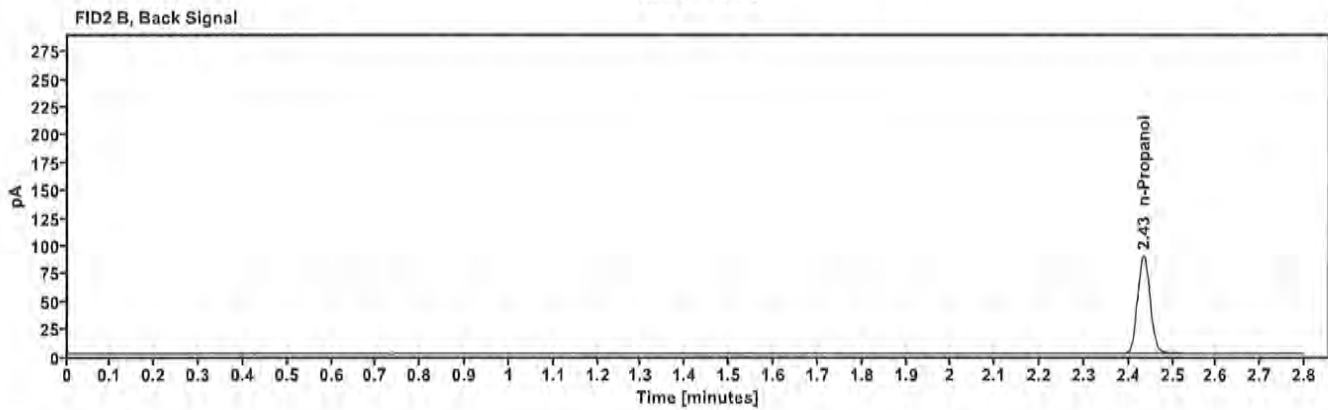
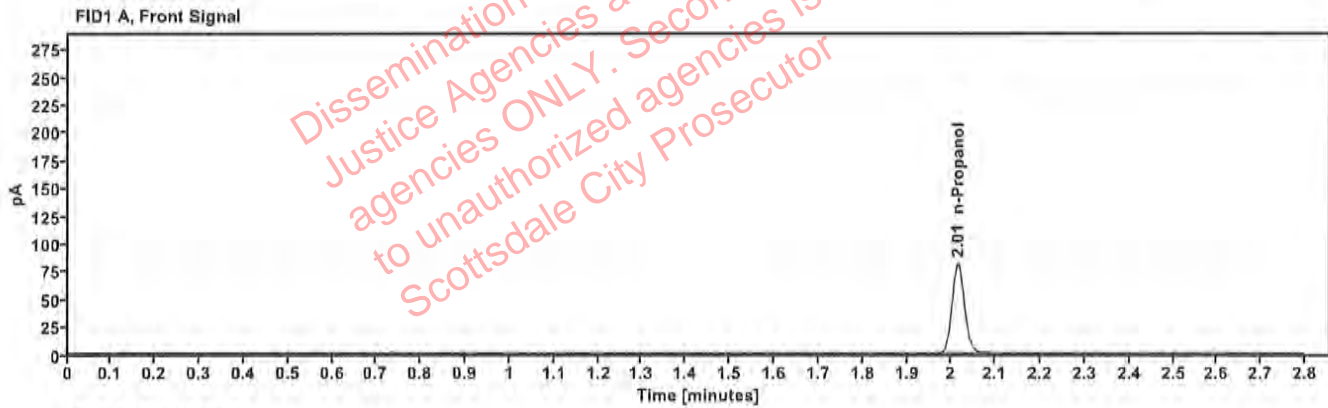


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.015	161.802

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

Compound	Time (min)	Peak Area
n-Propanol	2.434	175.900

# Sequence Summary

Sequence name: 21Jun23      Instrument: US14173023 CN14160045      Analyst: Canonico *ec*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN10051909	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN02052101	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	649714		Sample		ethanol quant.M
11	649714		Sample		ethanol quant.M
12	353-01J.C.		Sample		ethanol quant.M
13	353-01J.C.		Sample		ethanol quant.M
14	327-01P.W.		Sample		ethanol quant.M
15	327-01P.W.		Sample		ethanol quant.M
16	429-01G.V.		Sample		ethanol quant.M
17	429-01G.V.		Sample		ethanol quant.M
18	353-01M.B.		Sample		ethanol quant.M
19	353-01M.B.		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	405-01M.T.		Sample		ethanol quant.M
22	405-01M.T.		Sample		ethanol quant.M
23	414-01J.G.		Sample		ethanol quant.M
24	414-01J.G.		Sample		ethanol quant.M
25	327-01M.C.		Sample		ethanol quant.M
26	327-01M.C.		Sample		ethanol quant.M
27	402-1R.M.		Sample		ethanol quant.M
28	402-1R.M.		Sample		ethanol quant.M
29	327-01S.W.		Sample		ethanol quant.M
30	327-01S.W.		Sample		ethanol quant.M
31	4110320133/10	0.199	Control		ethanol quant.M
32	327-01M.G.		Sample		ethanol quant.M
33	327-01M.G.		Sample		ethanol quant.M
34	176-01A.M.		Sample		ethanol quant.M
35	176-01A.M.		Sample		ethanol quant.M
36	429-01G.W.		Sample		ethanol quant.M
37	429-01G.W.		Sample		ethanol quant.M
38	2311914-2		Sample		ethanol quant.M
39	2311914-2		Sample		ethanol quant.M
40	2306953-2		Sample		ethanol quant.M
41	2306953-2		Sample		ethanol quant.M
42	20012020-B	0.080	Control		ethanol quant.M
43	2311640-2		Sample		ethanol quant.M
44	2311640-2		Sample		ethanol quant.M
45	2312144-1		Sample		ethanol quant.M
46	2312144-1		Sample		ethanol quant.M
47	2311993-2		Sample		ethanol quant.M

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

# Sequence Summary

EL

48	2311993-2		Sample		ethanol quant.M
49	2305666-1		Sample		ethanol quant.M
50	2305666-1		Sample		ethanol quant.M
51	30012020-A	0.400	Control		ethanol quant.M
52	14082019-B	0.040	Control		ethanol quant.M
53	4110320133/10	0.199	Control		ethanol quant.M
54	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: 21Jun23

ANALYST: Canonico

el

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1397	0.1407	0.14020	0.36	0.00050
12 13	0.2474	0.2492	0.24830	0.36	0.00090
14 15	0.0569	0.0567	0.05680	0.18	0.00010
16 17	0.3174	0.3197	0.31855	0.36	0.00115
18 19	0.0953	0.0948	0.09505	0.26	0.00025
21 22	0.2231	0.2244	0.22375	0.29	0.00065
23 24	0.1667	0.1714	0.16905	1.39	0.00235
25 26	0.1134	0.1132	0.11330	0.09	0.00010
27 28	0.1822	0.1837	0.18295	0.41	0.00075
29 30	0.1339	0.1344	0.13415	0.19	0.00025
32 33	0.1307	0.1320	0.13135	0.49	0.00065
34 35	0.1600	0.1605	0.16025	0.16	0.00025
36 37	0.0000	0.0000	0.00000	0.00	0.00000
38 39	0.3813	0.3789	0.38010	0.32	0.00120
40 41	0.0296	0.0291	0.02935	0.85	0.00025
43 44	0.2305	0.2308	0.23065	0.07	0.00015
45 46	0.2379	0.2383	0.23810	0.08	0.00020
47 48	0.2070	0.2043	0.20565	0.66	0.00135
49 50	0.2536	0.2564	0.25500	0.55	0.00140

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





### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	649714	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 11:17:44 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\10.D	Analyst:	Canonico

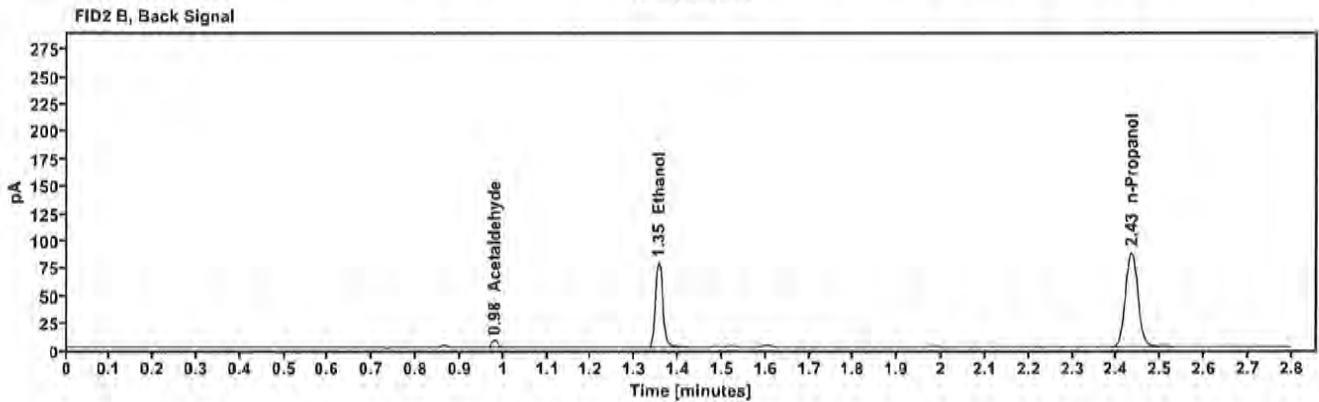
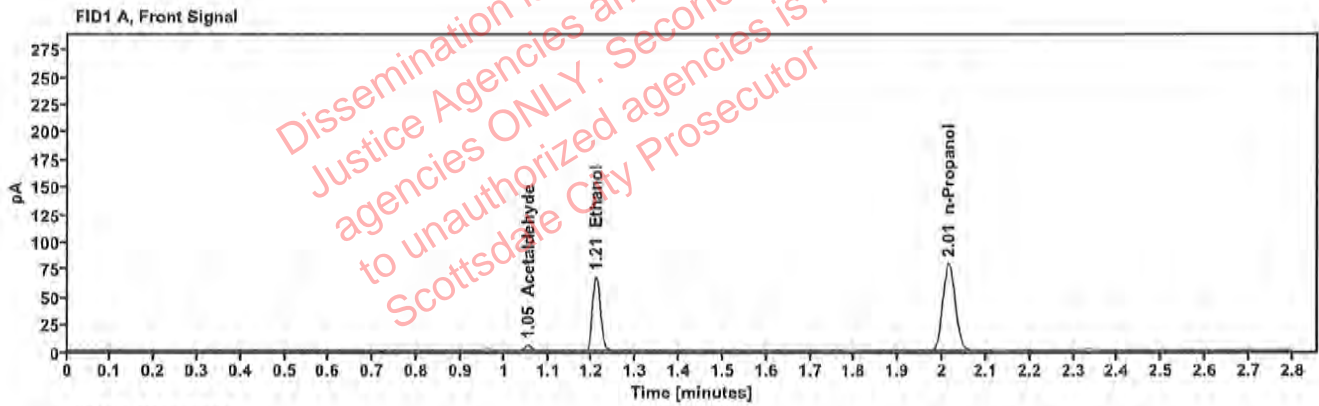


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.055	5.624
>Ethanol	0.1397	1.209	85.846
n-Propanol	---	2.014	158.273

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.979	6.340
Ethanol	1.355	93.608
n-Propanol	2.433	172.926

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	649714	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 11:21:44 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\11.D	Analyst:	Canonico

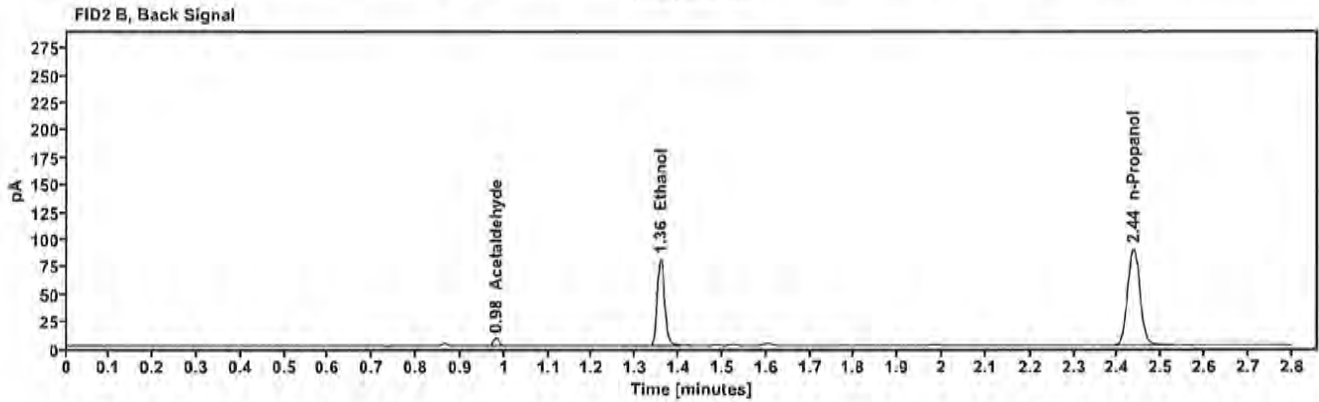
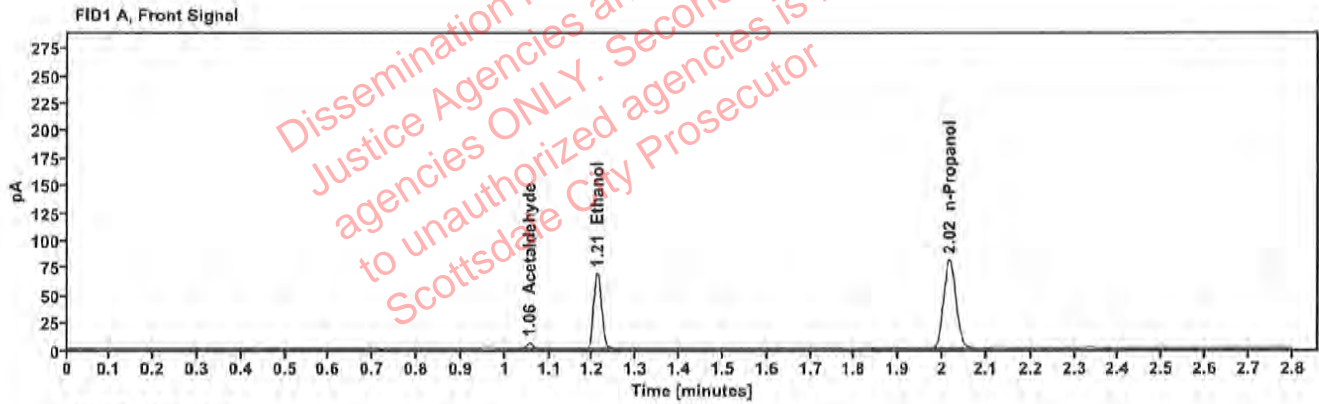


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.056	5.713
>Ethanol	0.1407	1.210	88.151
n-Propanol	—	2.016	161.373

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	6.411
Ethanol	1.358	96.186
n-Propanol	2.436	176.075



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01J.C.	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 11:25:44 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\12.D	Analyst:	Canonico

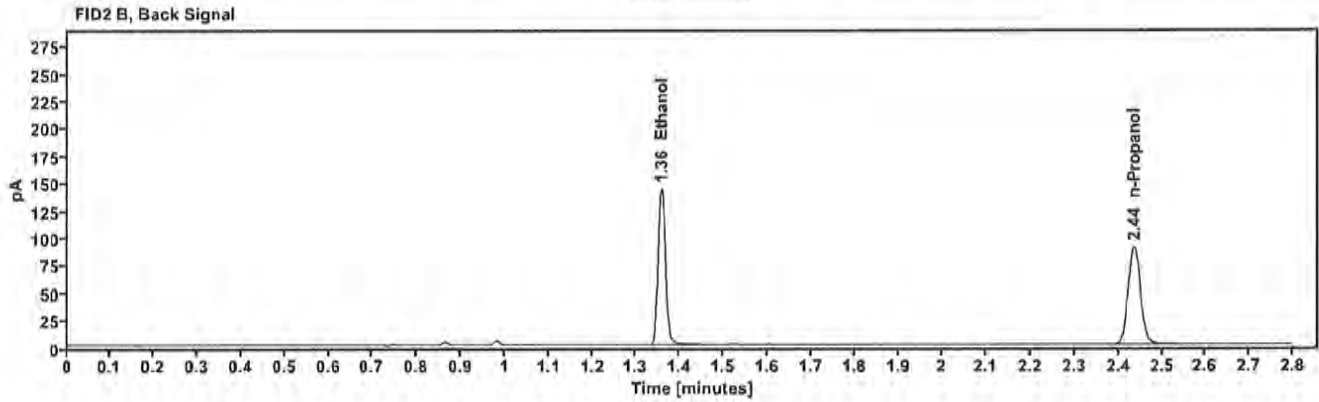
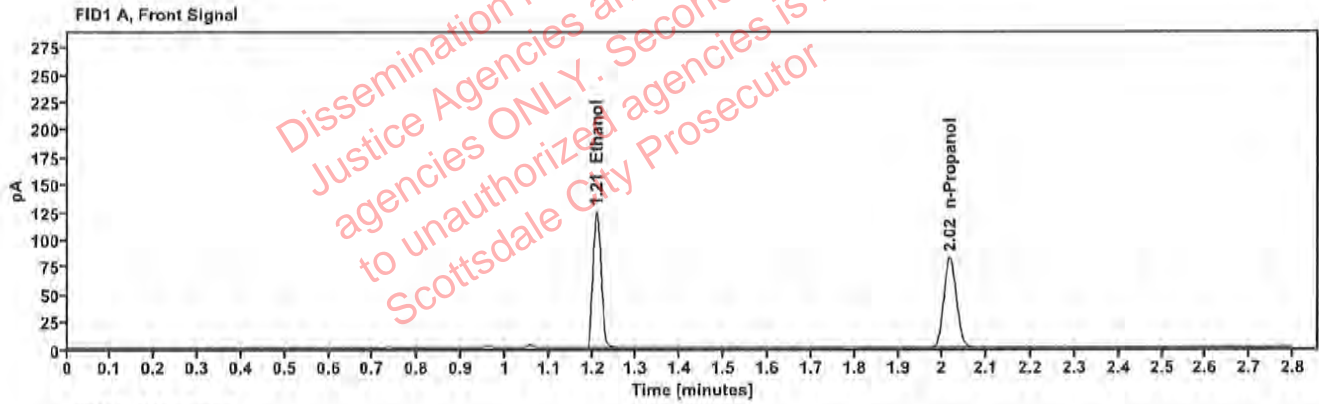


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2474	1.210	158.496
n-Propanol	-----	2.016	163.225

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

Compound	Time (min)	Peak Area
Ethanol	1.357	173.234
n-Propanol	2.435	177.249



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01J.C.	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 11:29:59 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\13.D	Analyst:	Canonico

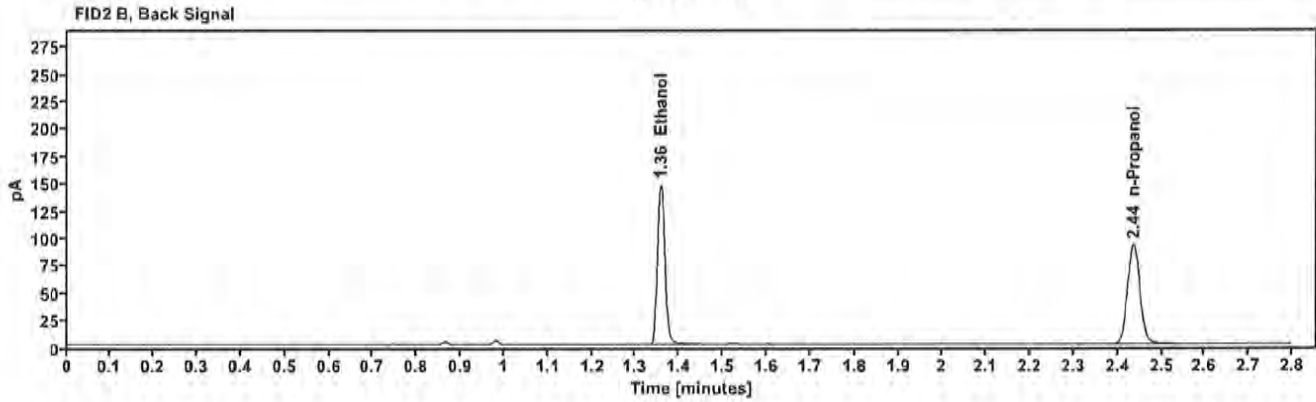
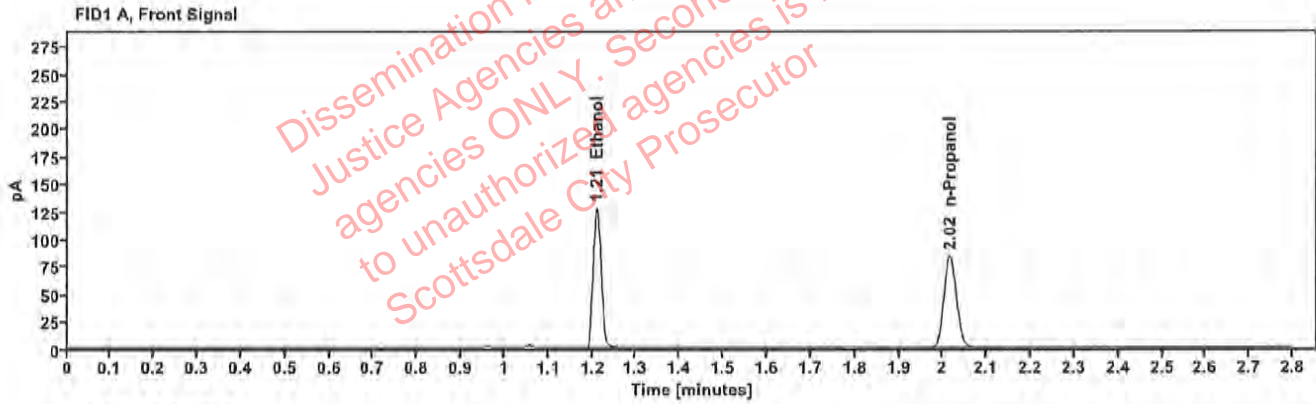


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2492	1.210	162.654
n-Propanol	-----	2.016	166.248

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

Compound	Time (min)	Peak Area
Ethanol	1.358	177.671
n-Propanol	2.436	180.477

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01P.W.	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 11:33:59 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\14.D	Analyst:	Canonico

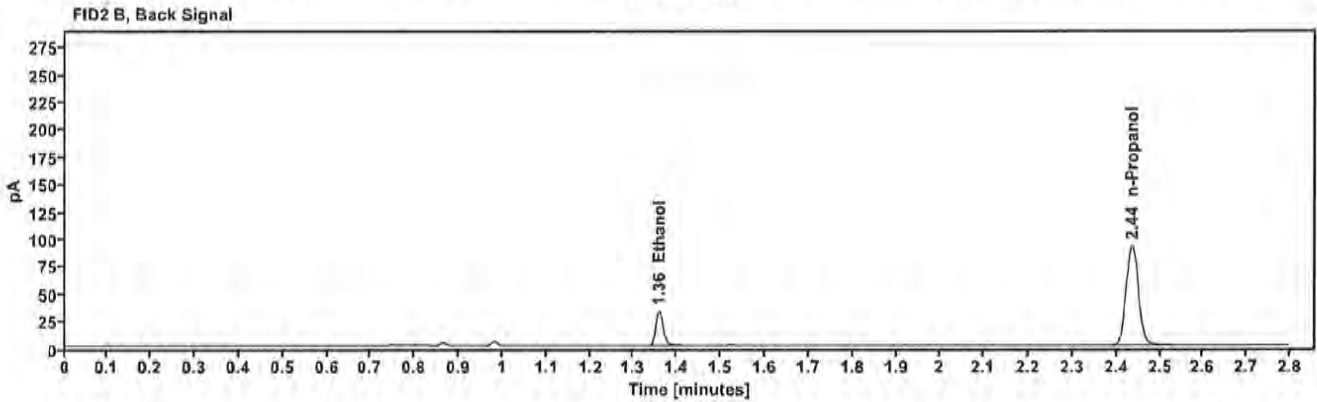
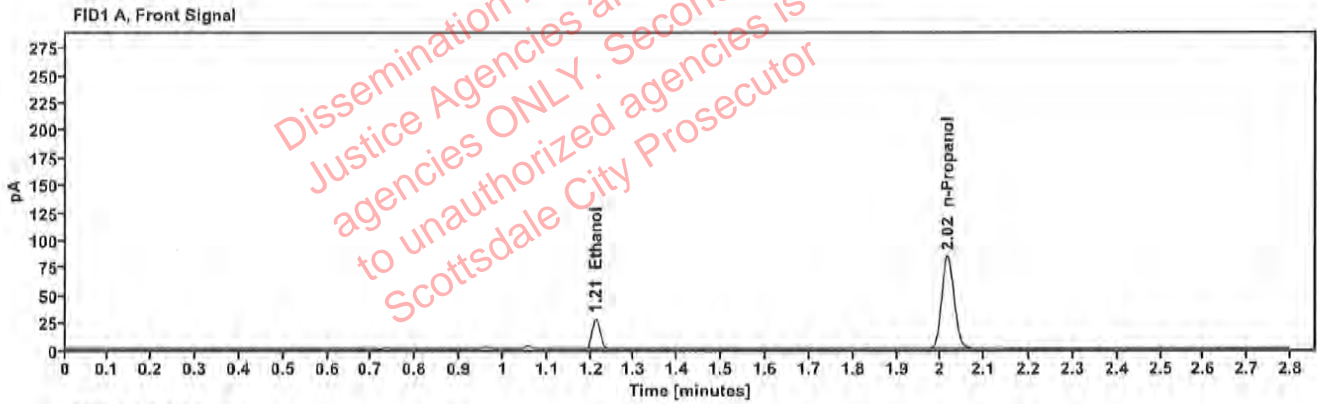


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0569	1.211	35.613
n-Propanol	---	2.016	167.528

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

Compound	Time (min)	Peak Area
Ethanol	1.359	39.323
n-Propanol	2.436	181.868

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01P.W.	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 11:37:59 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\15.D	Analyst:	Canonico

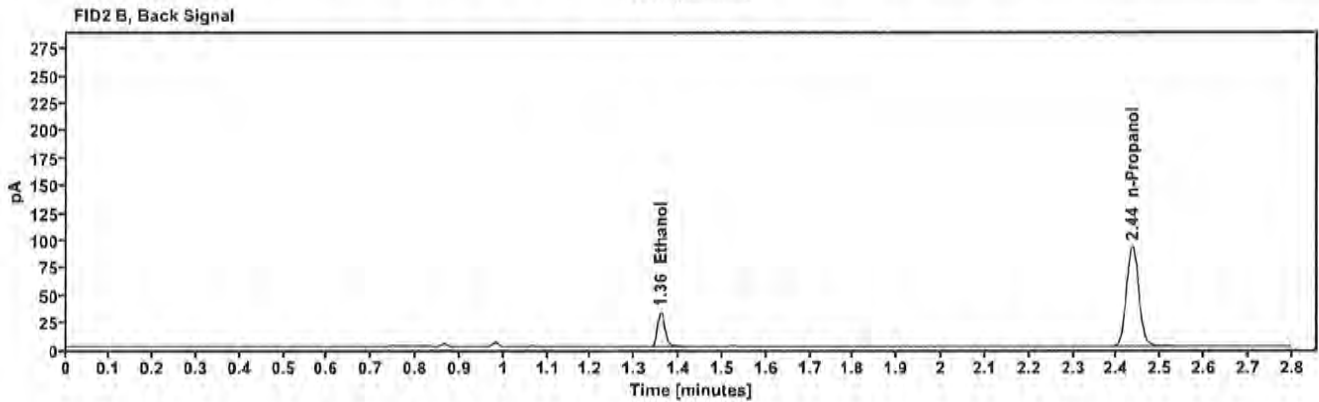
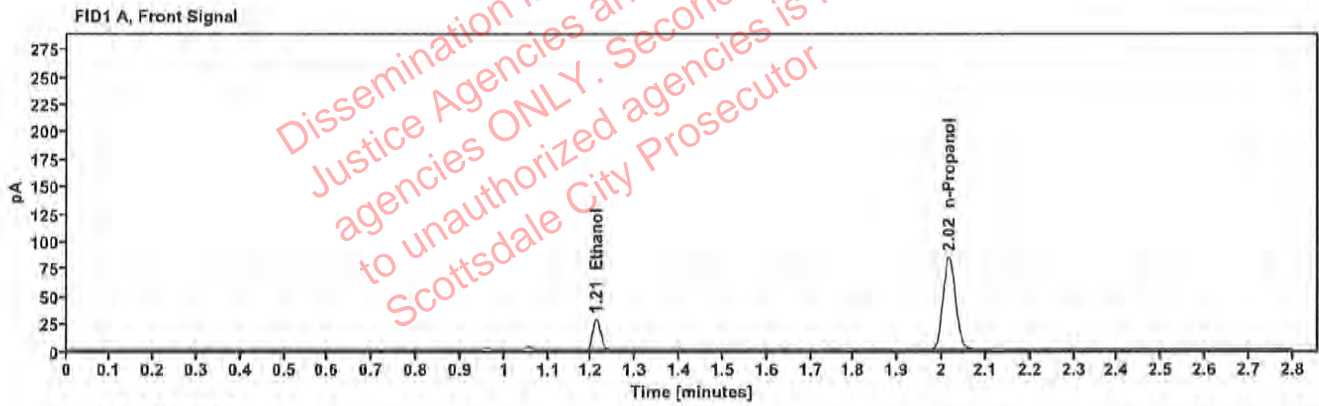


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0567	1.211	35.648
n-Propanol	---	2.016	168.443

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

Compound	Time (min)	Peak Area
Ethanol	1.359	39.306
n-Propanol	2.435	182.688

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	429-01G.V.	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 11:41:59 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\16.D	Analyst:	Canonico

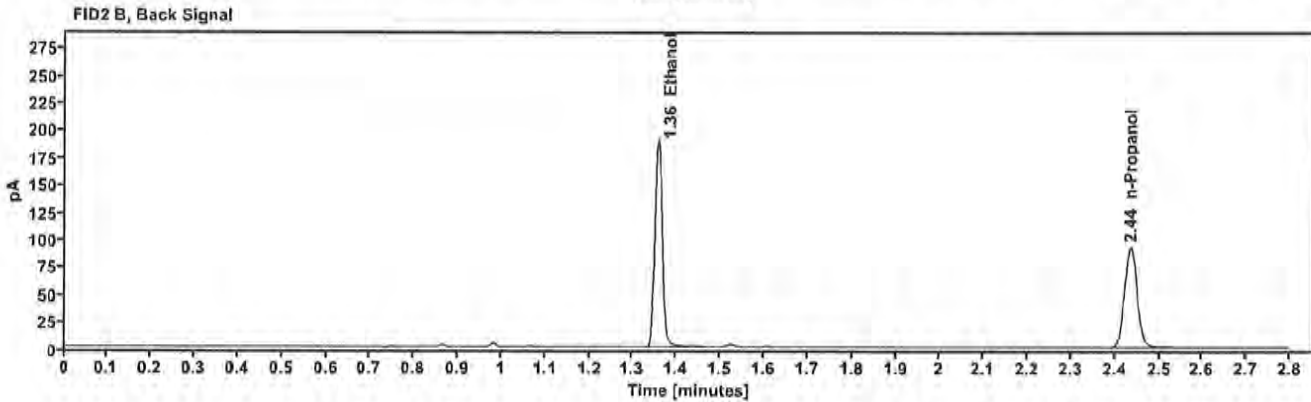
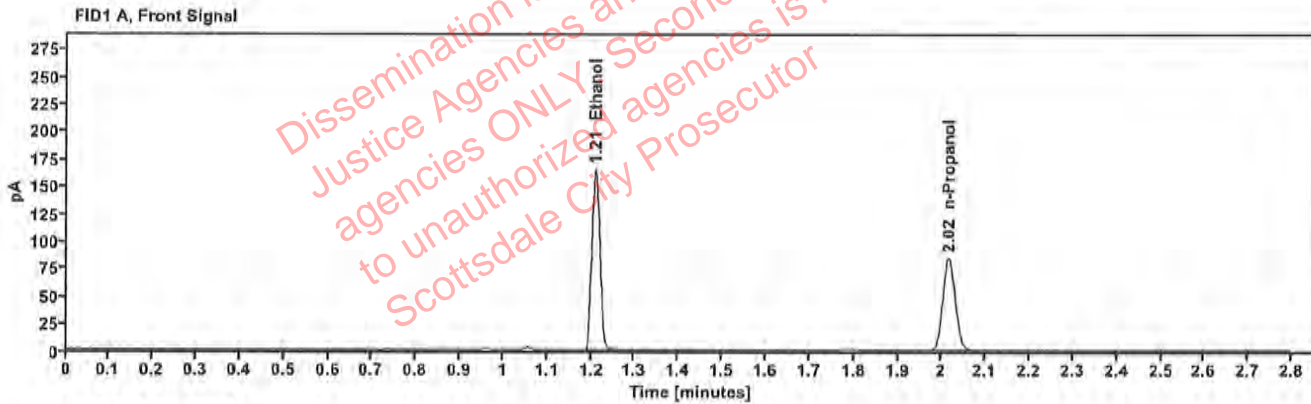


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3174	1.210	209.756
n-Propanol	---	2.016	167.811

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

Compound	Time (min)	Peak Area
Ethanol	1.357	229.906
n-Propanol	2.435	182.145



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	429-01G.V.	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 11:45:59 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\17.D	Analyst:	Canonico

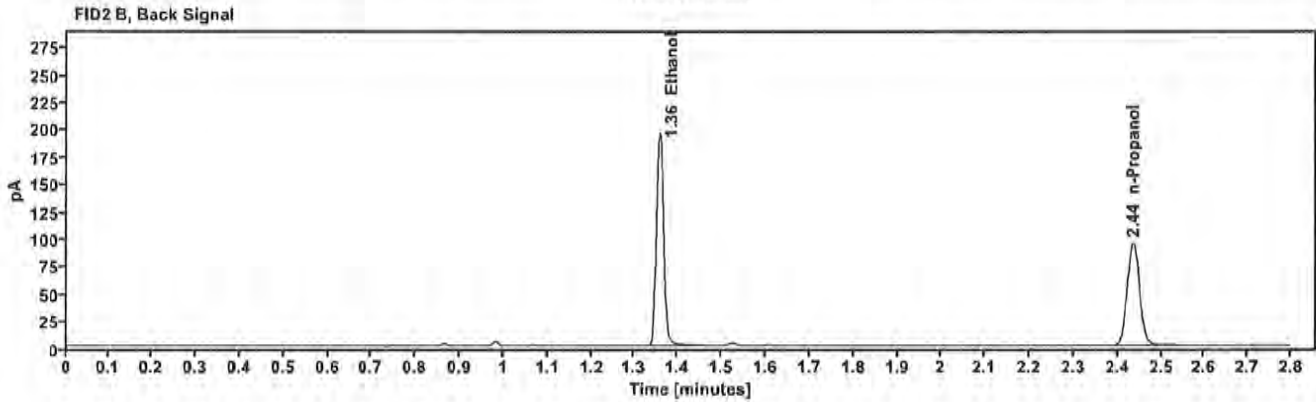
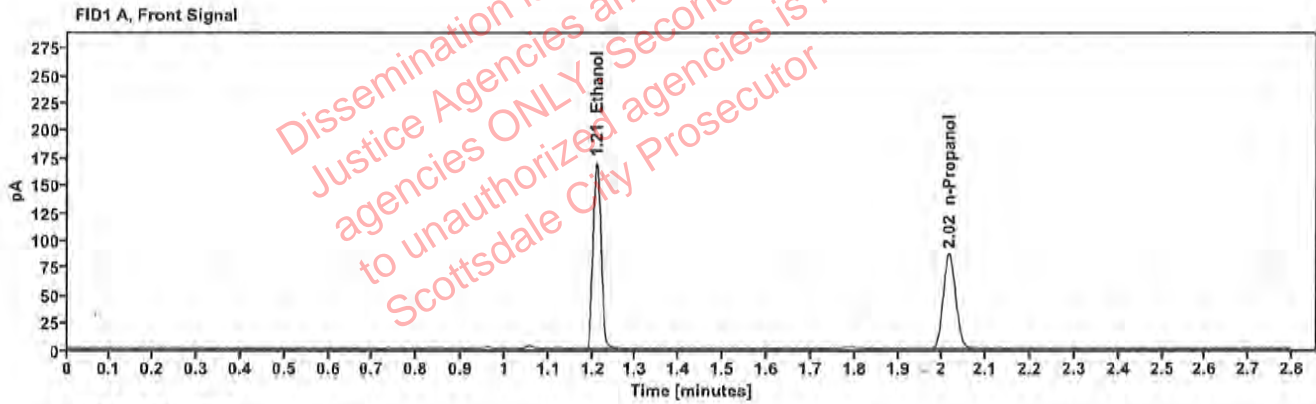


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3197	1.210	216.429
n-Propanol	---	2.016	171.893

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

Compound	Time (min)	Peak Area
Ethanol	1.358	237.307
n-Propanol	2.435	186.604

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01M.B.	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 11:49:59 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\18.D	Analyst:	Canonico

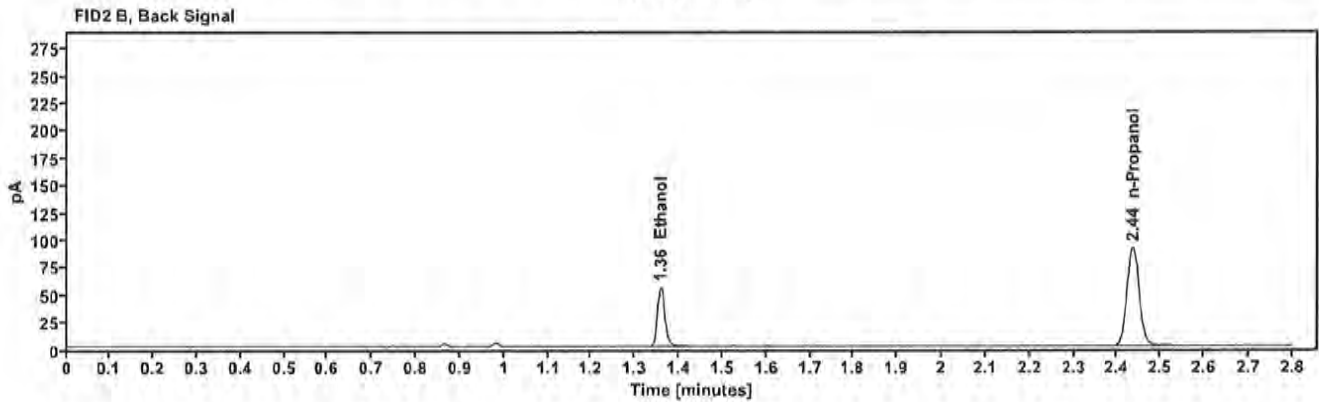
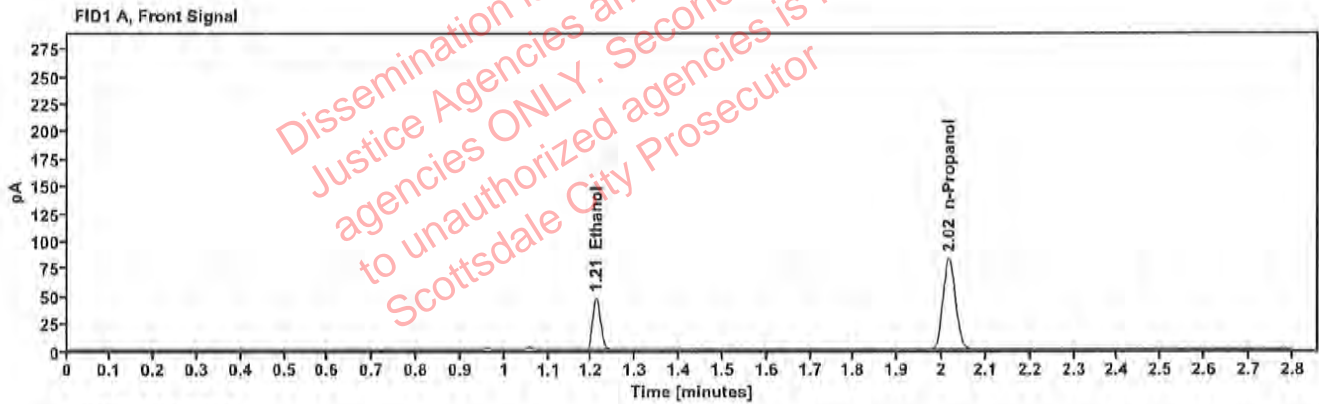


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0953	1.211	60.359
n-Propanol	-----	2.016	165.212

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

Compound	Time (min)	Peak Area
Ethanol	1.358	65.832
n-Propanol	2.435	179.673

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01M.B.	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 11:54:14 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\19.D	Analyst:	Canonico

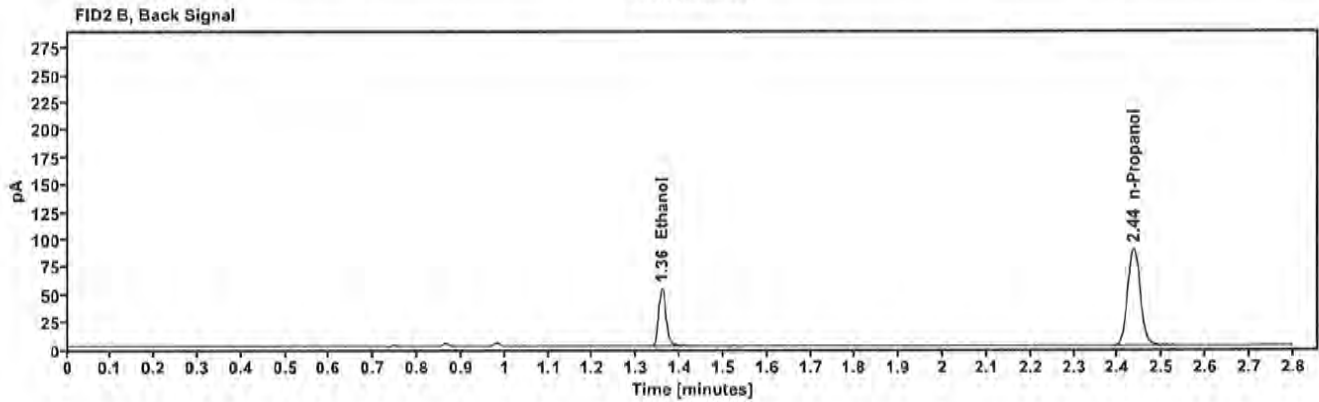
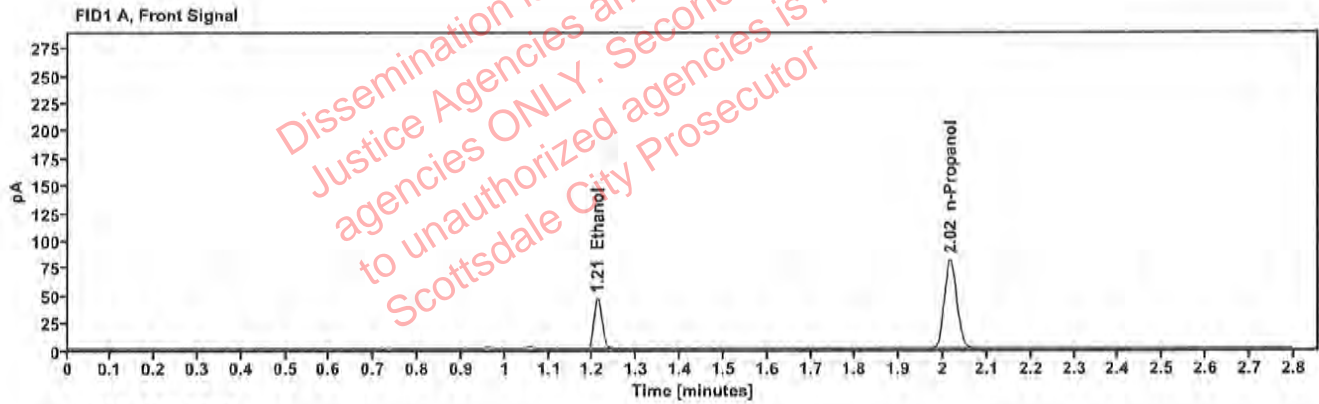


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0948	1.211	58.849
n-Propanol	—	2.016	161.887

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

Compound	Time (min)	Peak Area
Ethanol	1.358	63.983
n-Propanol	2.435	175.913

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	405-01M.T.	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:02:14 PM
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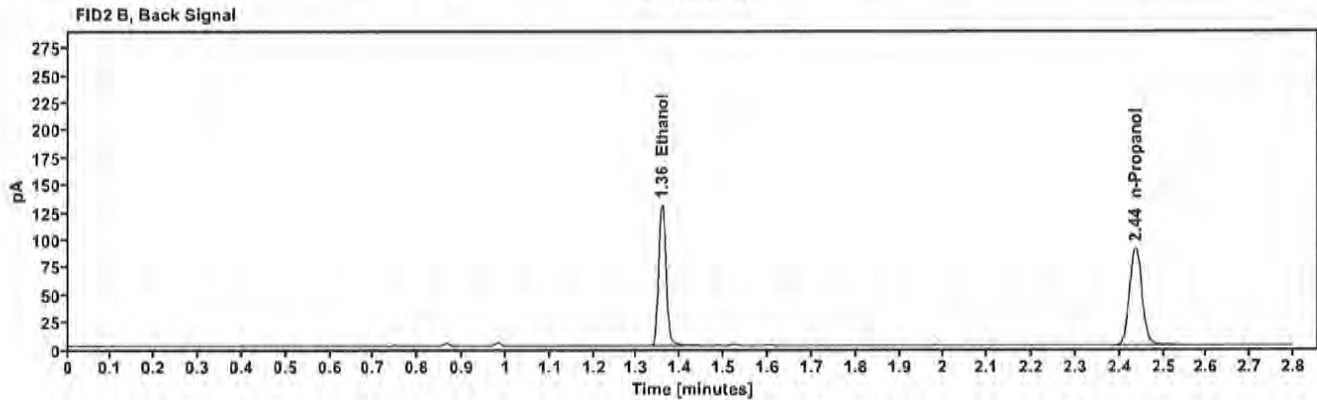
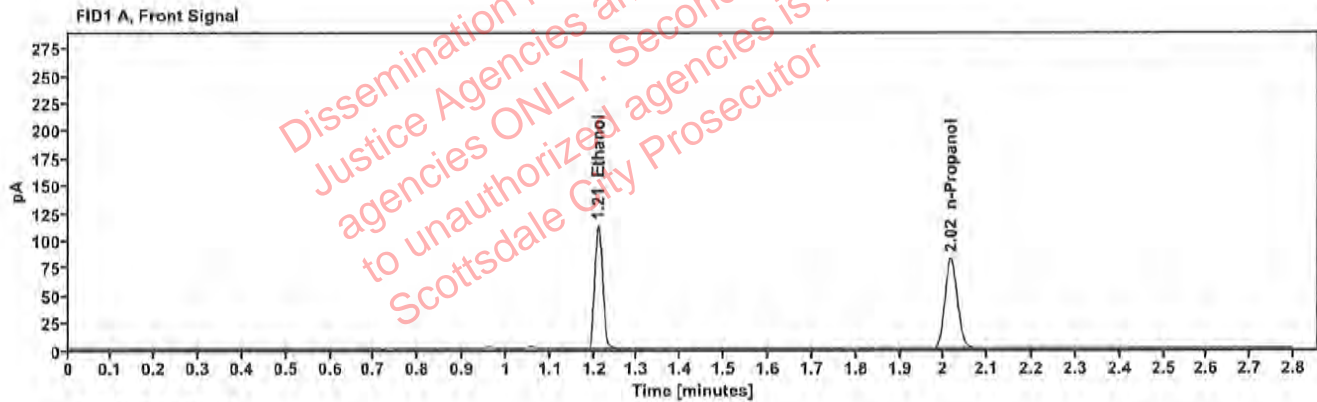


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2231	1.210	143.141
n-Propanol	-----	2.016	163.706

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

Compound	Time (min)	Peak Area
Ethanol	1.358	157.817
n-Propanol	2.436	177.826



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	405-01M.T.	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:06:14 PM
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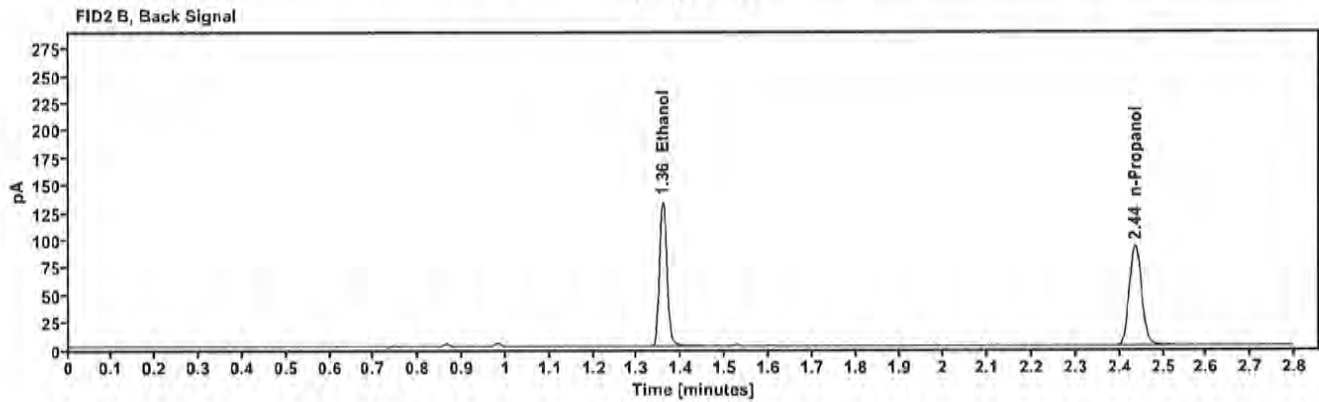
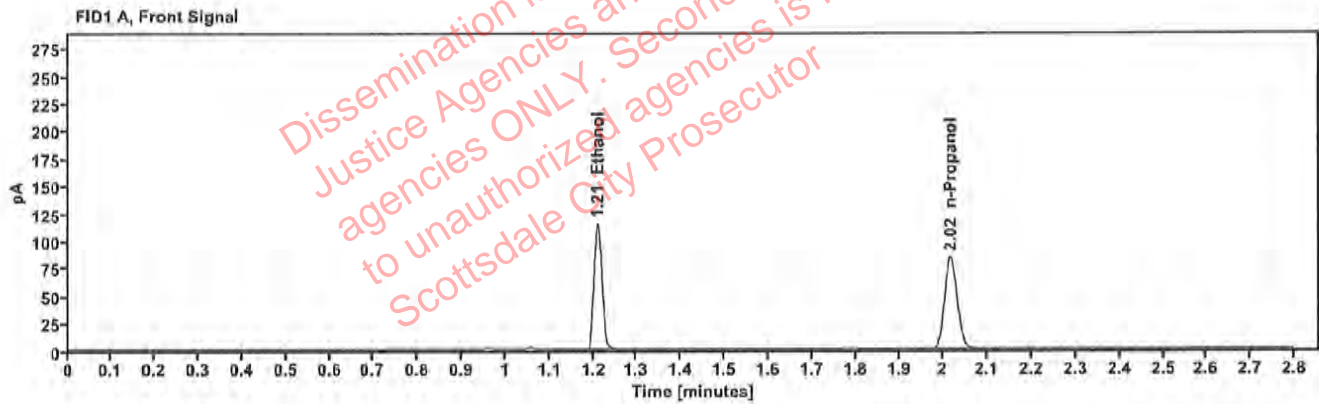


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2244	1.210	146.985
n-Propanol	-----	2.016	167.122

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

Compound	Time (min)	Peak Area
Ethanol	1.358	160.878
n-Propanol	2.436	181.702

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	414-01J.G.	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:10:14 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\23.D	Analyst:	Canonico

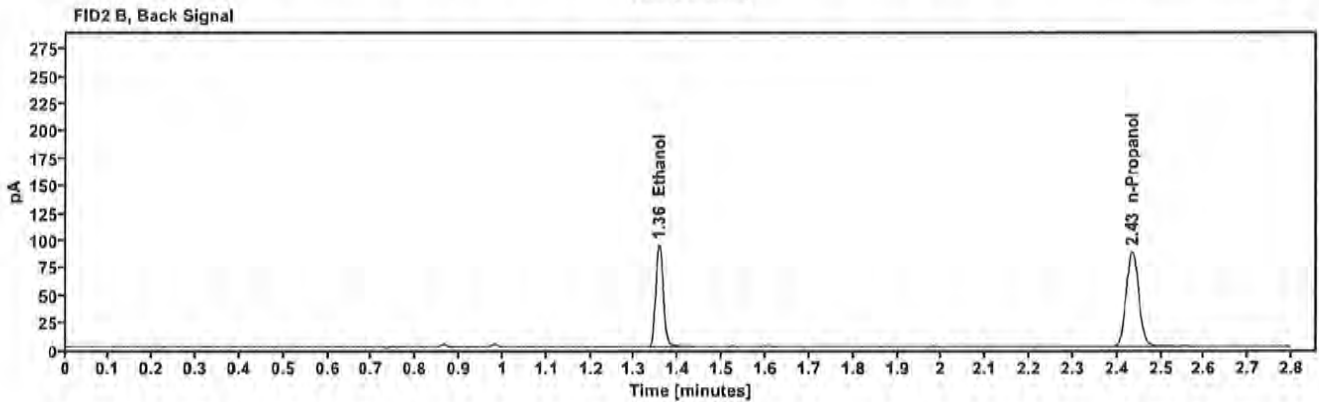
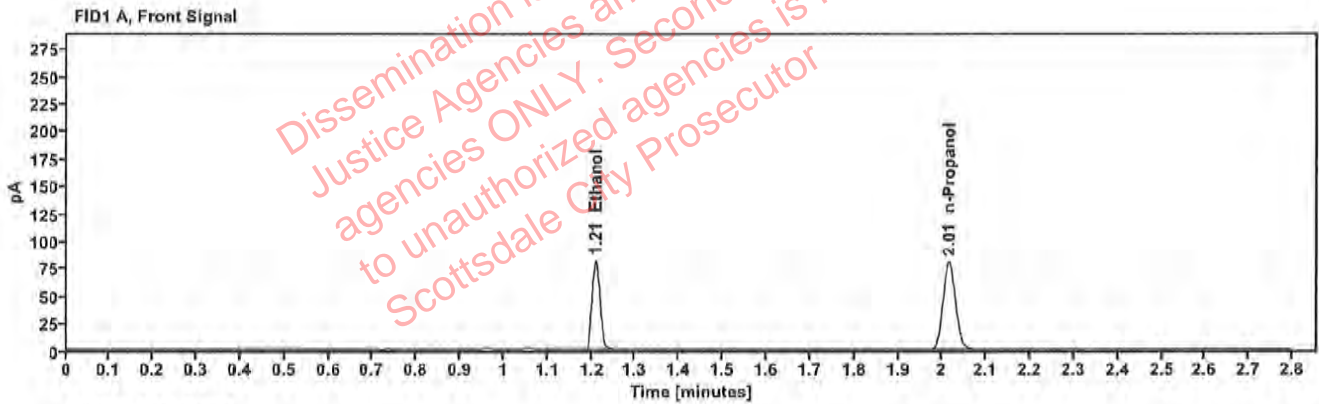


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1667	1.209	103.406
n-Propanol	-----	2.015	159.127

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

Compound	Time (min)	Peak Area
Ethanol	1.356	112.924
n-Propanol	2.434	172.657

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	414-01J.G.	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:14:14 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\24.D	Analyst:	Canonico

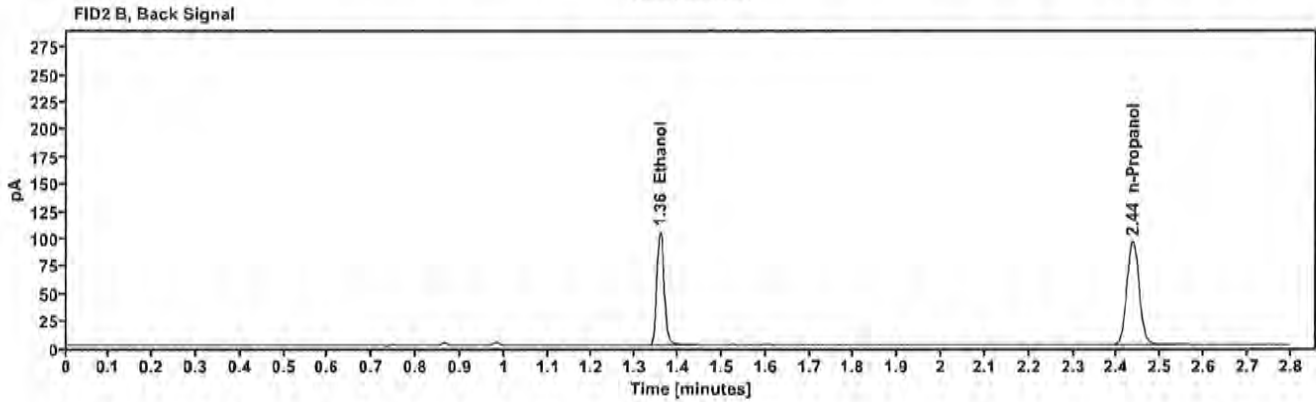
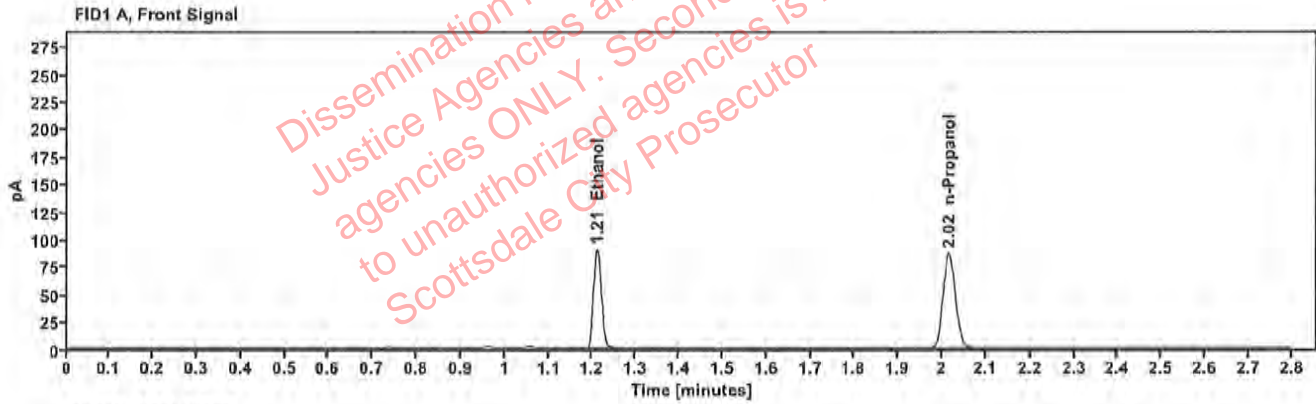


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1714	1.210	114.838
n-Propanol	---	2.016	171.844

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

Compound	Time (min)	Peak Area
Ethanol	1.358	125.743
n-Propanol	2.436	186.628

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01M.C.	Vial:	25
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:18:30 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\25.D	Analyst:	Canonico

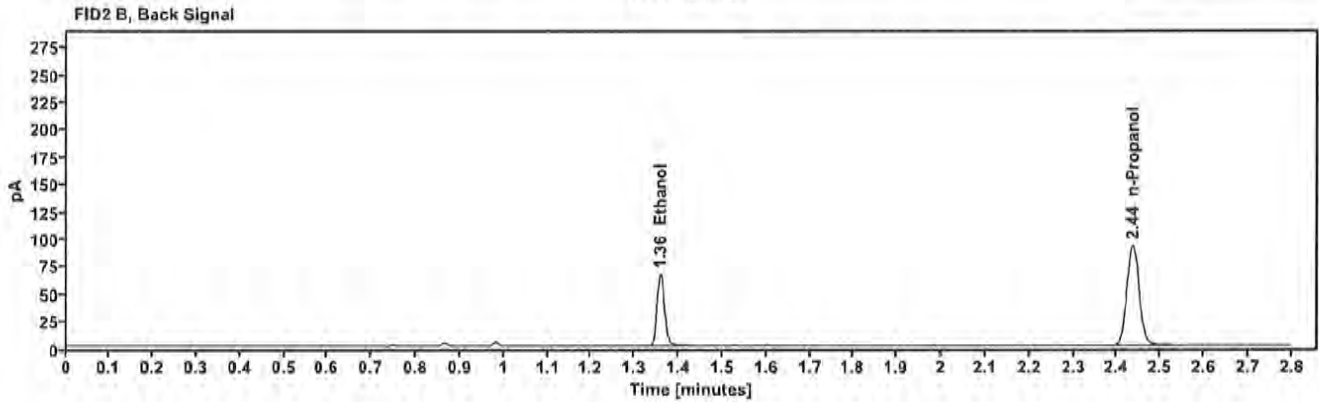
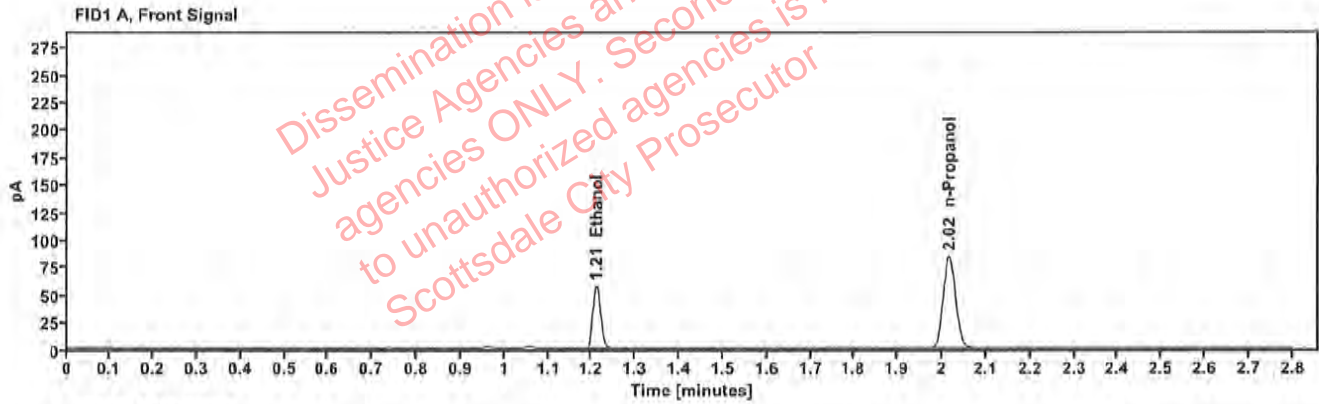


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1134	1.211	73.250
n-Propanol	---	2.016	167.438

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

Compound	Time (min)	Peak Area
Ethanol	1.358	79.682
n-Propanol	2.435	182.055



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01M.C.	Vial:	26
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:22:29 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\26.D	Analyst:	Canonico

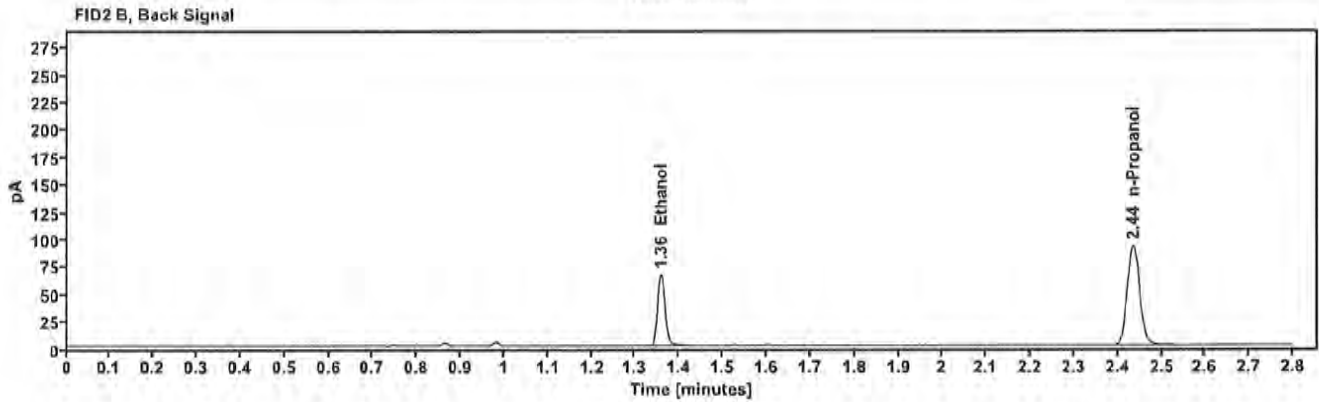
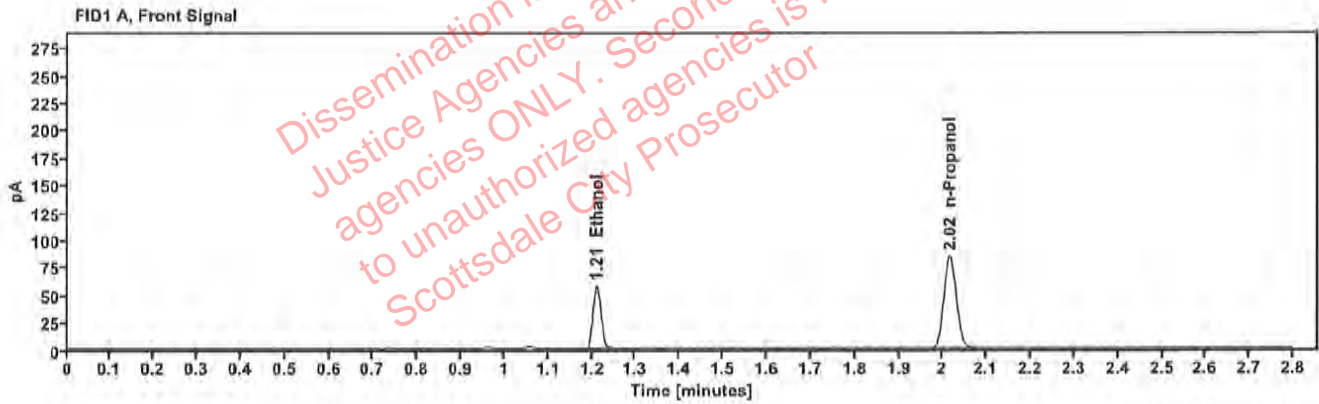


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1132	1.211	73.123
n-Propanol	---	2.016	167.477

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

Compound	Time (min)	Peak Area
Ethanol	1.358	79.743
n-Propanol	2.435	182.159

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	402-1R.M.	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:26:29 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\27.D	Analyst:	Canonico

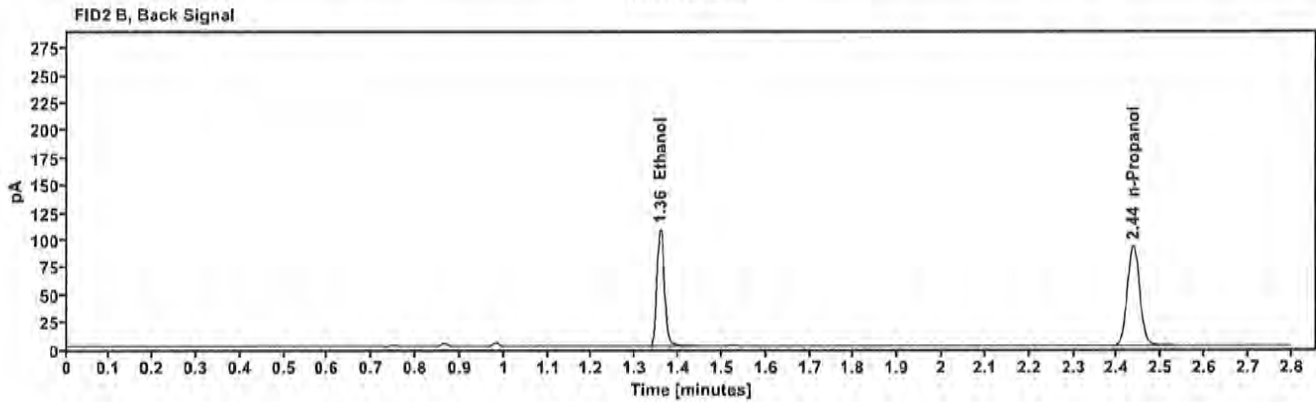
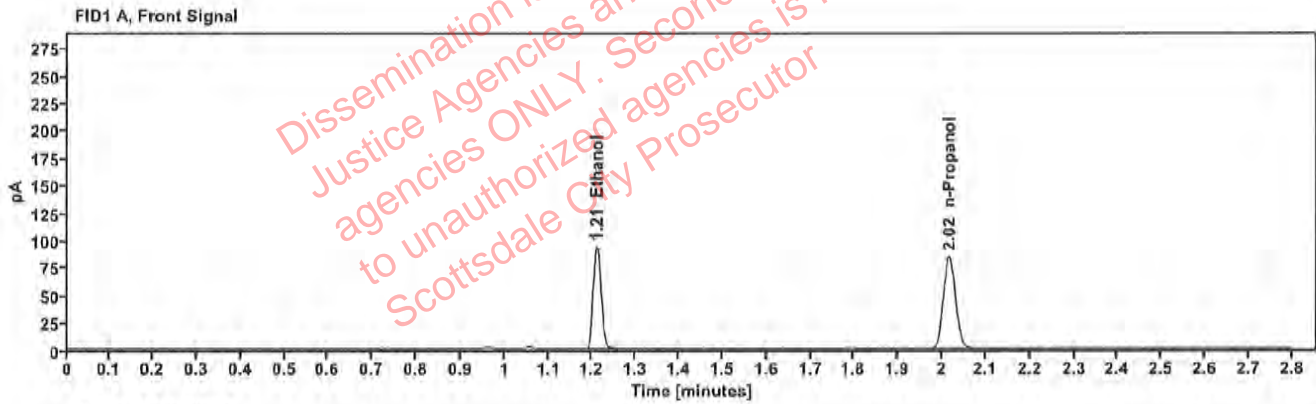


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1822	1.210	119.558
n-Propanol	—	2.016	168.038

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

Compound	Time (min)	Peak Area
Ethanol	1.358	130.569
n-Propanol	2.435	182.608

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	402-1R.M.	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:30:30 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\28.D	Analyst:	Canonico

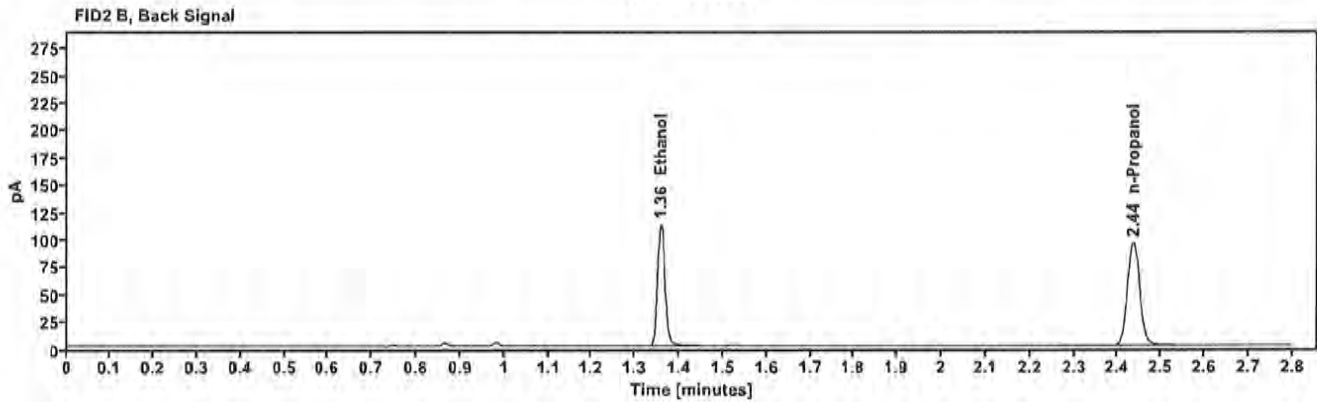
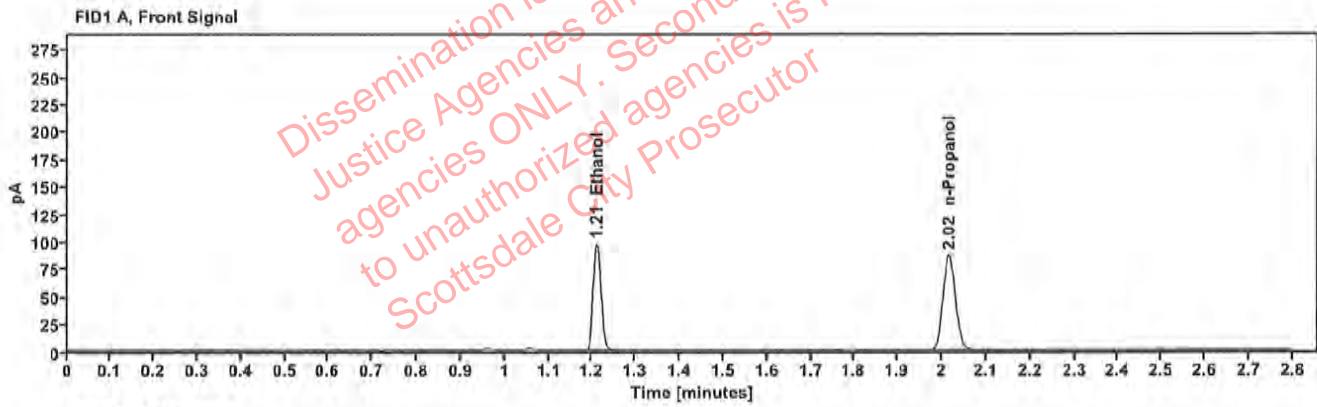


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1837	1.210	123.702
n-Propanol	---	2.016	172.385

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

Compound	Time (min)	Peak Area
Ethanol	1.358	135.392
n-Propanol	2.436	187.318

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01S.W.	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:34:29 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\29.D	Analyst:	Canonico

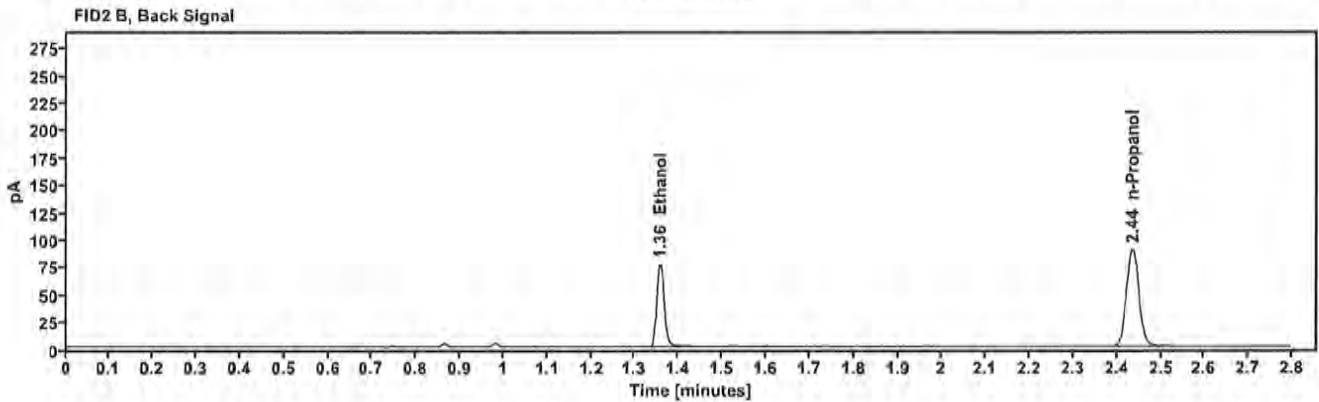
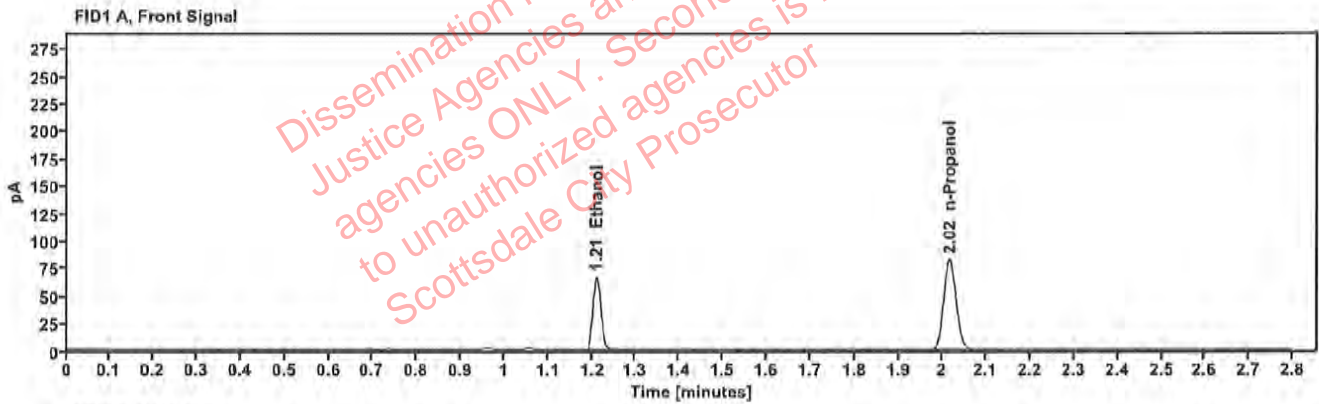


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1339	1.210	84.772
n-Propanol	---	2.016	163.284

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

Compound	Time (min)	Peak Area
Ethanol	1.358	92.451
n-Propanol	2.435	177.606



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01S.W.	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:38:29 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\30.D	Analyst:	Canonico

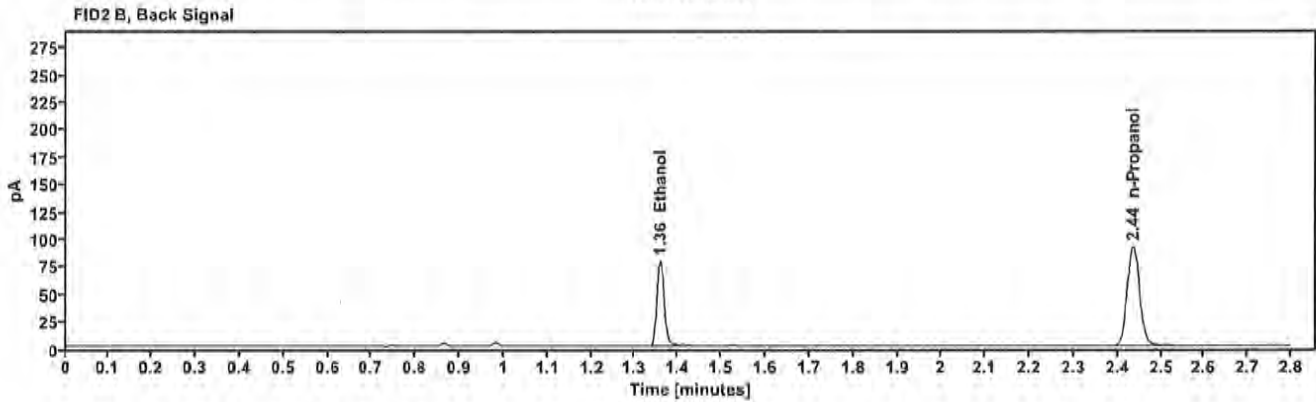
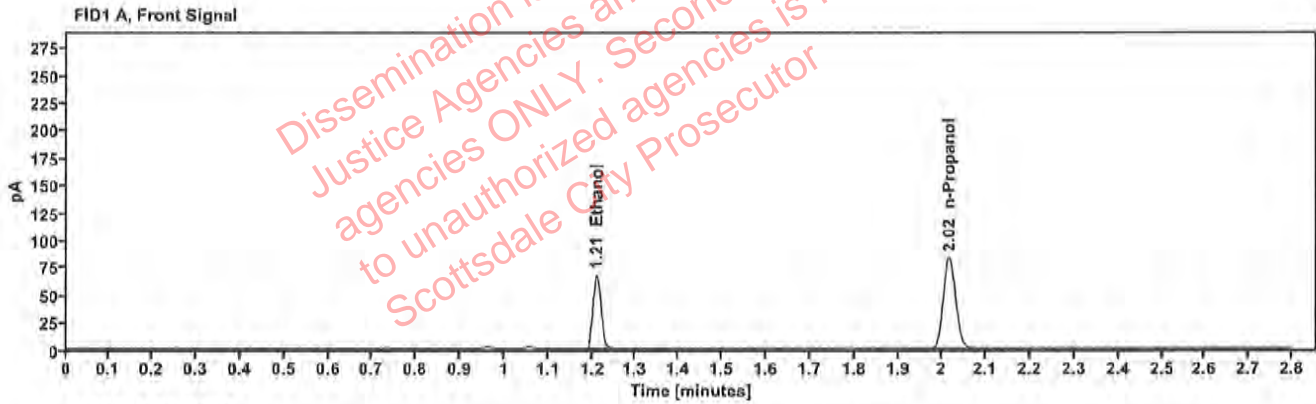


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1344	1.210	86.340
n-Propanol	---	2.016	165.643

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

Compound	Time (min)	Peak Area
Ethanol	1.358	94.167
n-Propanol	2.436	180.326

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01M.G.	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:46:45 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\32.D	Analyst:	Canonico

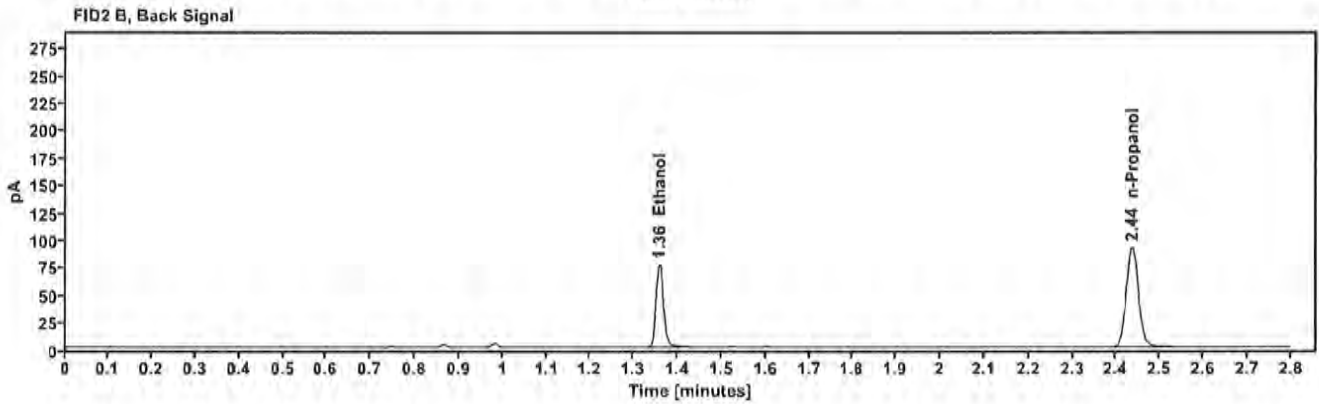
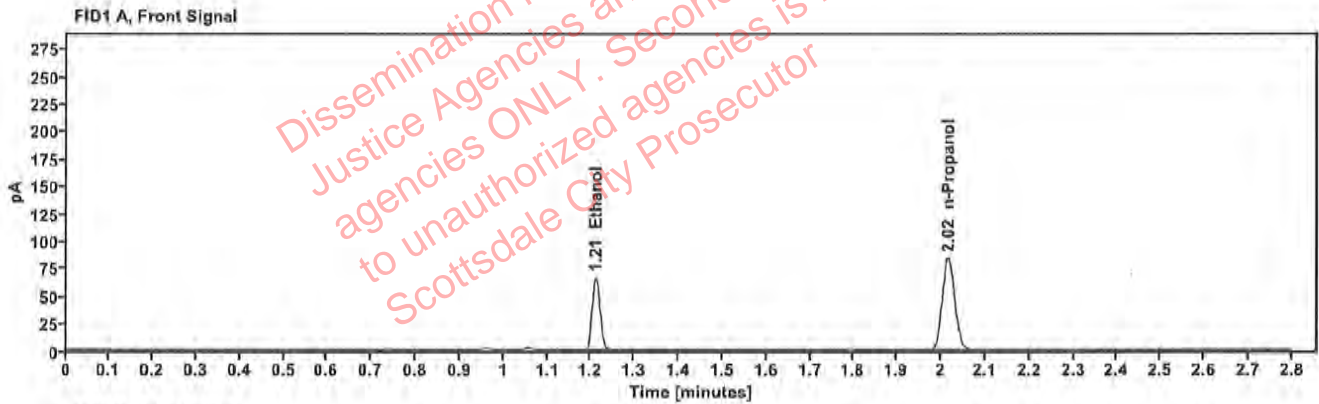


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1307	1.211	84.504
n-Propanol	---	2.016	166.831

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

Compound	Time (min)	Peak Area
Ethanol	1.358	92.170
n-Propanol	2.436	181.468

## Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01M.G.	Vial:	33
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:50:44 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\33.D	Analyst:	Canonico

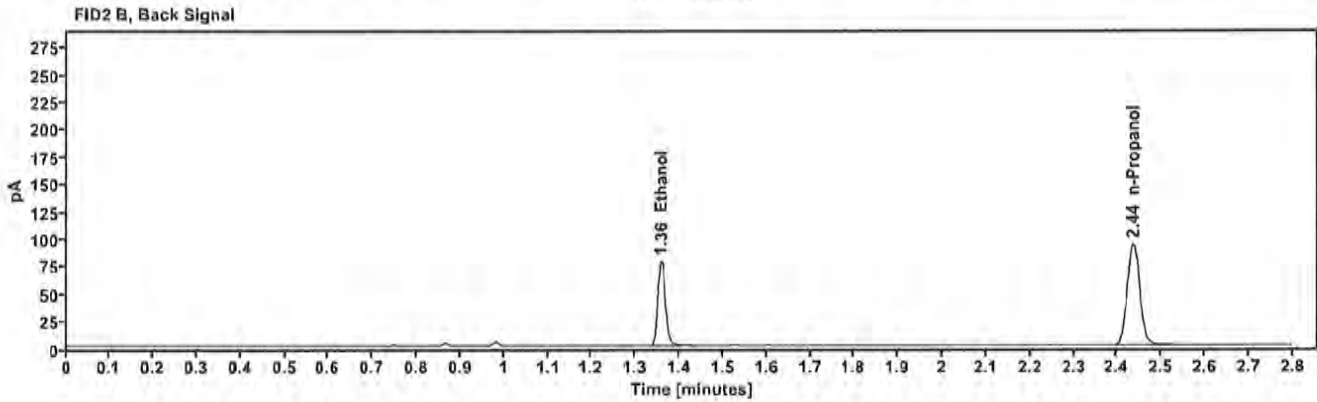
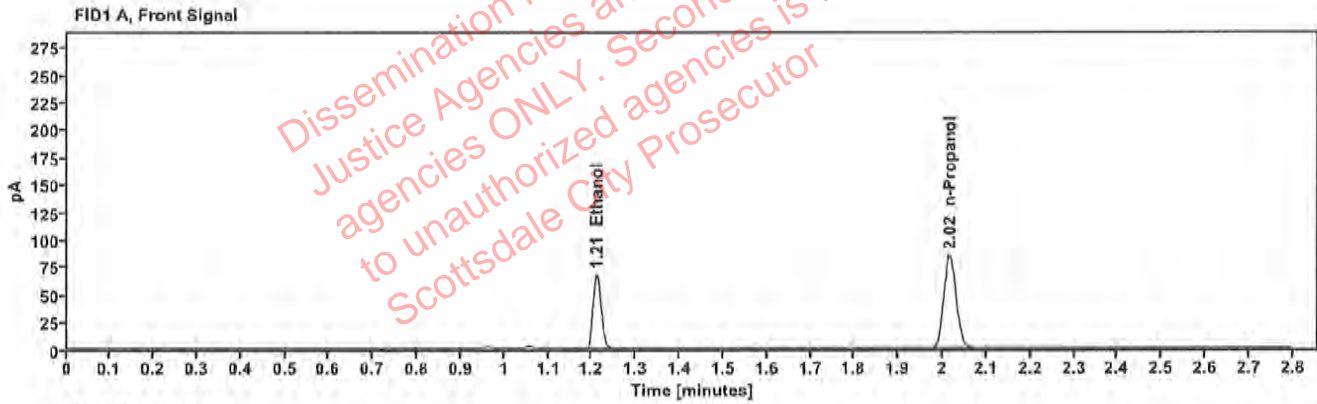


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1320	1.211	86.275
n-Propanol	-----	2.016	168.591

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

Compound	Time (min)	Peak Area
Ethanol	1.358	94.031
n-Propanol	2.436	183.326

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	176-01A.M.	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:54:45 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\34.D	Analyst:	Canonico

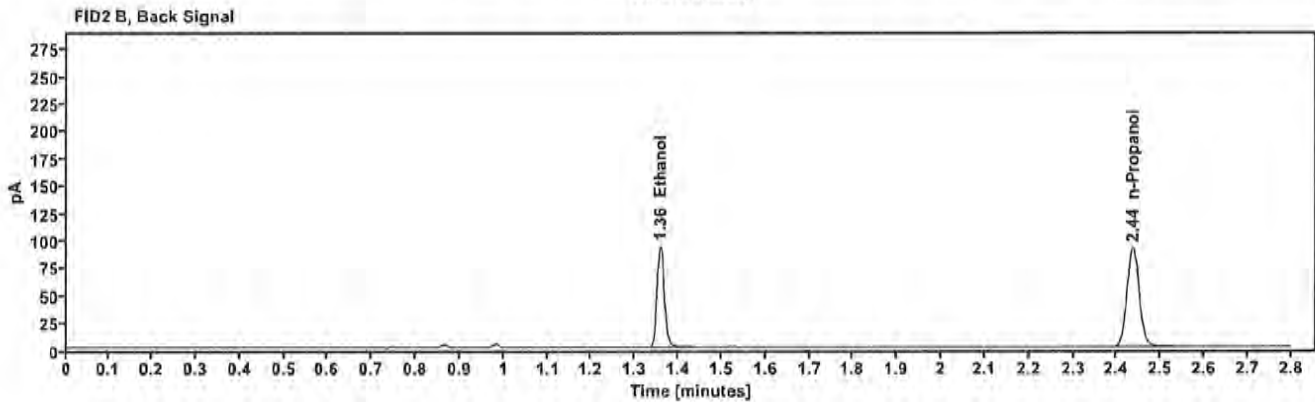
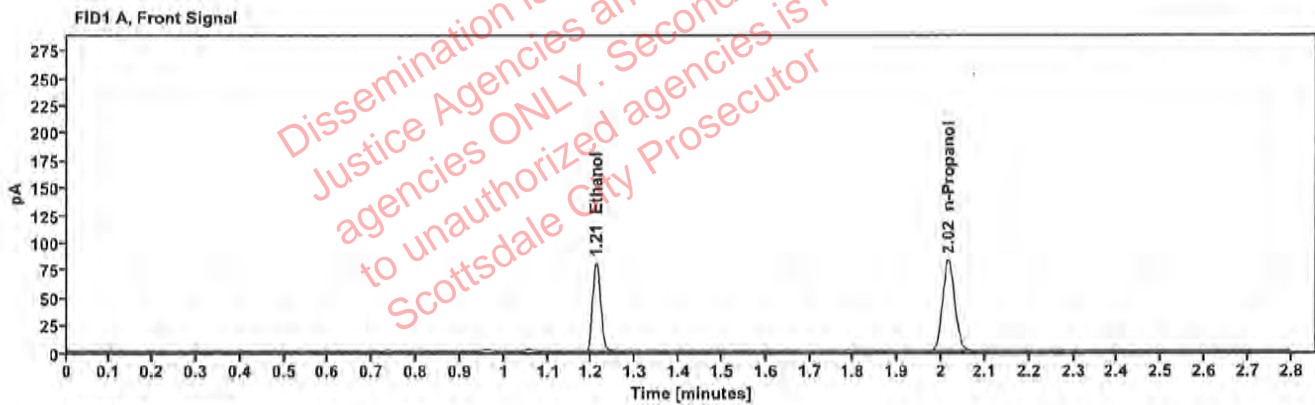


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1600	1.210	102.963
n-Propanol	---	2.016	165.255

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

Compound	Time (min)	Peak Area
Ethanol	1.358	112.519
n-Propanol	2.436	179.535



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	176-01A.M.	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 12:58:44 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\35.D	Analyst:	Canonico

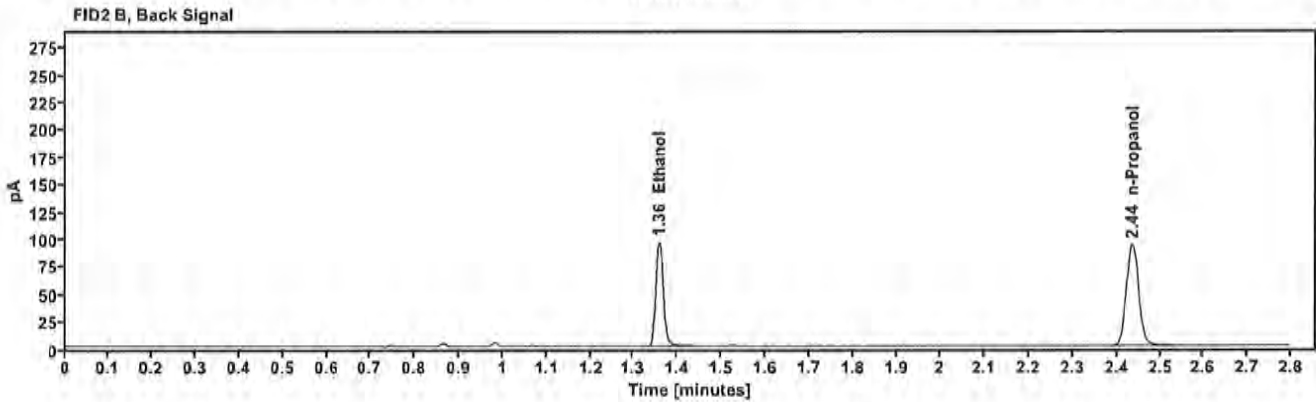
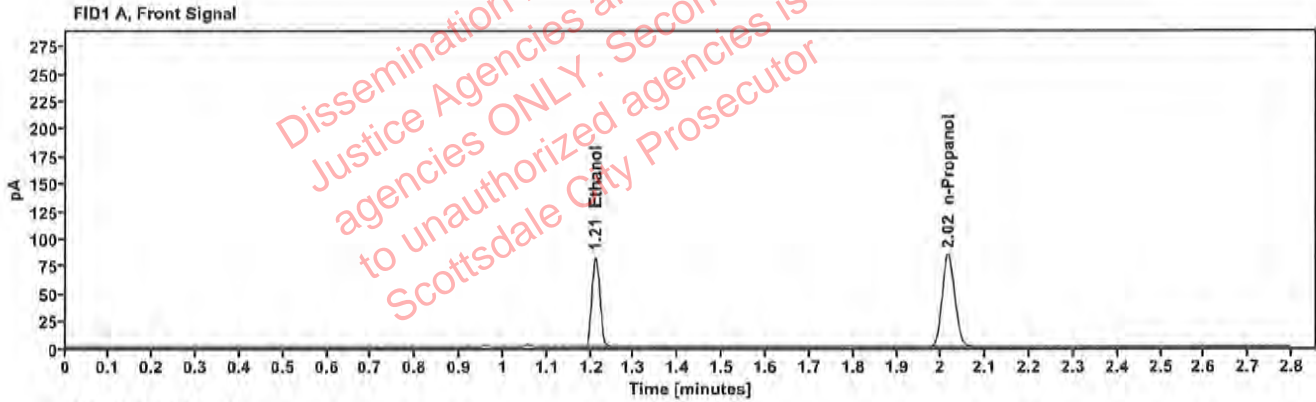


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1605	1.210	105.610
n-Propanol	—	2.016	168.998

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

Compound	Time (min)	Peak Area
Ethanol	1.358	115.294
n-Propanol	2.436	183.872

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

Case: [REDACTED] User: ecanonico 6/22/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	429-01G.W.	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:02:44 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\36.D	Analyst:	Canonico

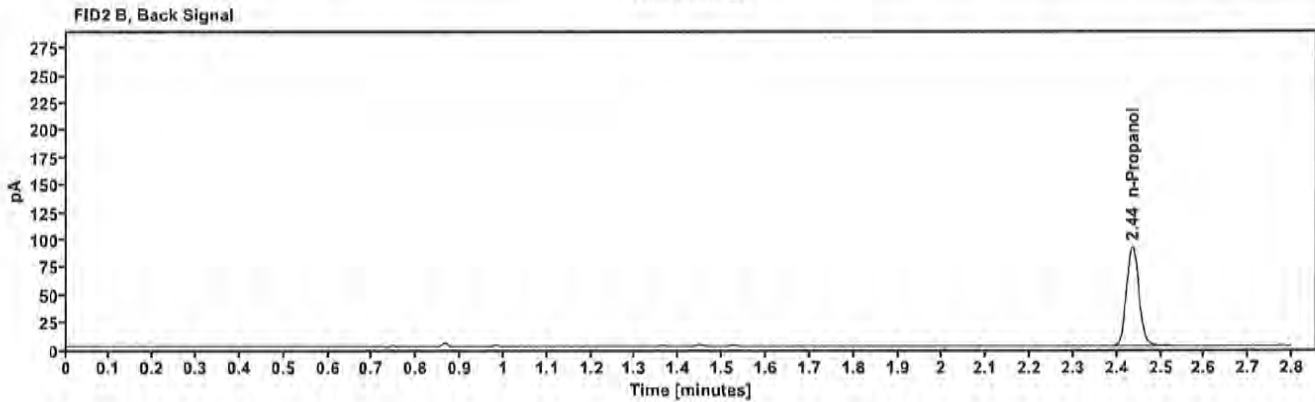
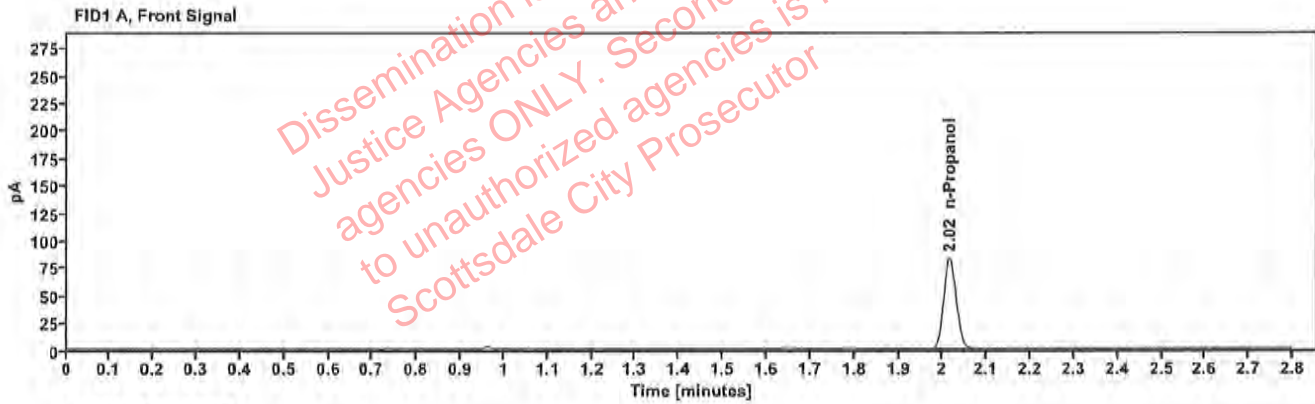


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.016	165.717

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

Compound	Time (min)	Peak Area
n-Propanol	2.435	180.490

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	429-01G.W.	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:06:59 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\37.D	Analyst:	Canonico

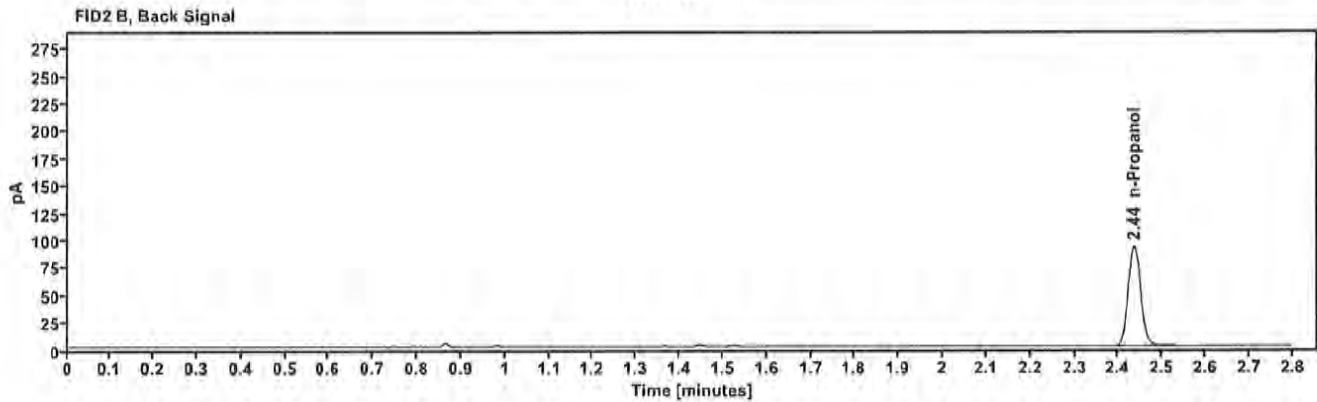
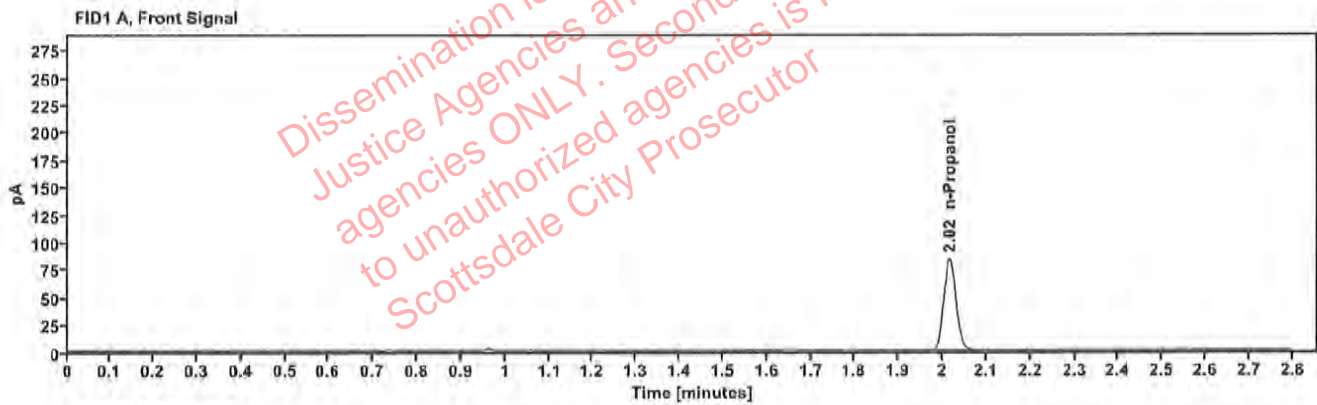


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.016	166.999

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

Compound	Time (min)	Peak Area
n-Propanol	2.436	181.889

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2311914-2	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:10:59 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\38.D	Analyst:	Canonico

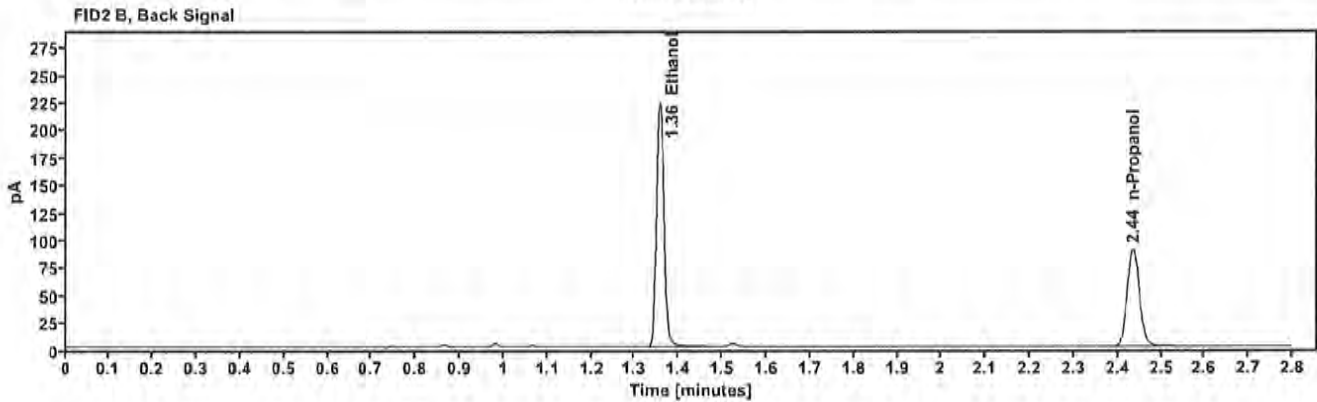
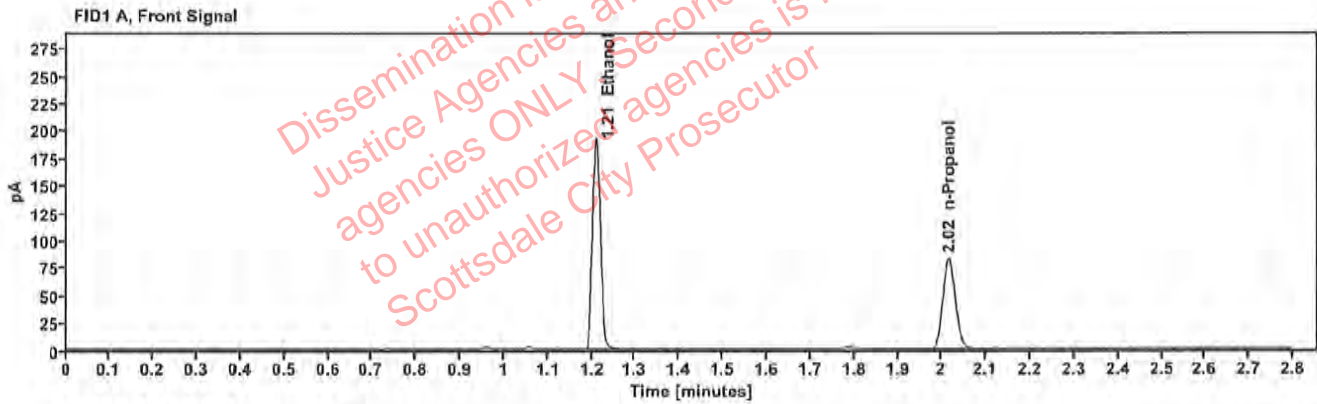


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3813	1.210	245.802
n-Propanol	---	2.016	163.403

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

Compound	Time (min)	Peak Area
Ethanol	1.357	270.041
n-Propanol	2.435	177.270



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

Case: [REDACTED] User: ecanonico 6/22/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2311914-2	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:15:00 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\39.D	Analyst:	Canonico

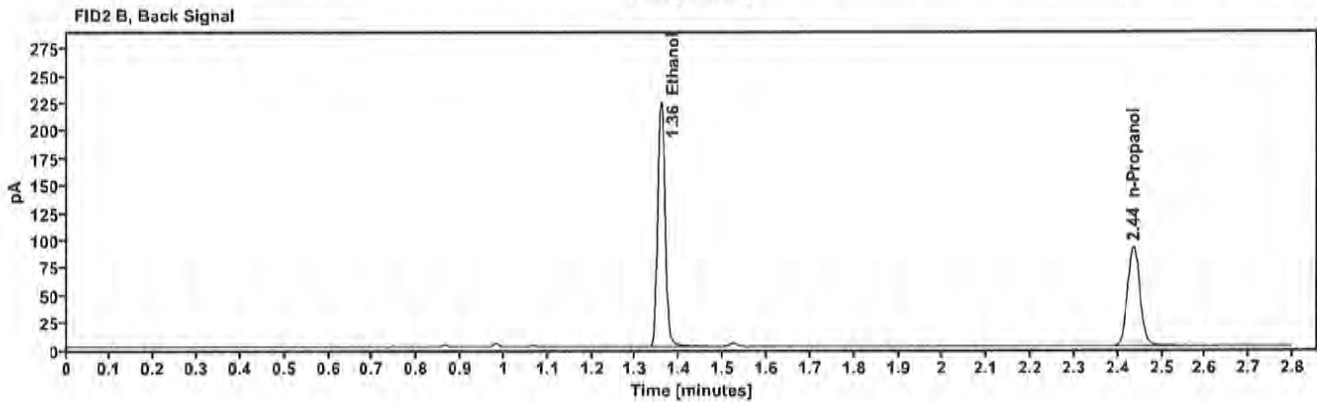
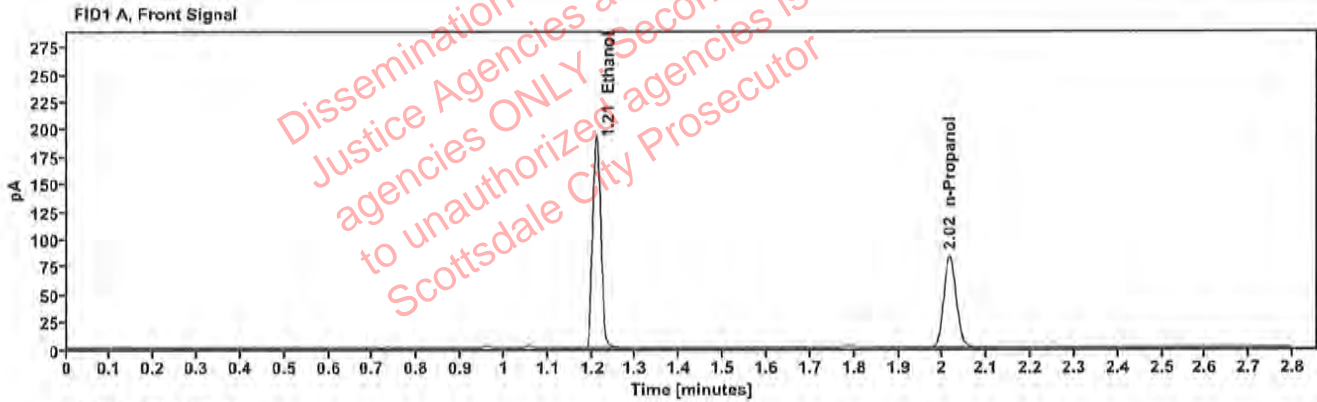


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3789	1.210	247.731
n-Propanol	---	2.016	165.734

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

Compound	Time (min)	Peak Area
Ethanol	1.358	271.943
n-Propanol	2.436	179.781

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2306953-2	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:18:59 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\40.D	Analyst:	Canonico

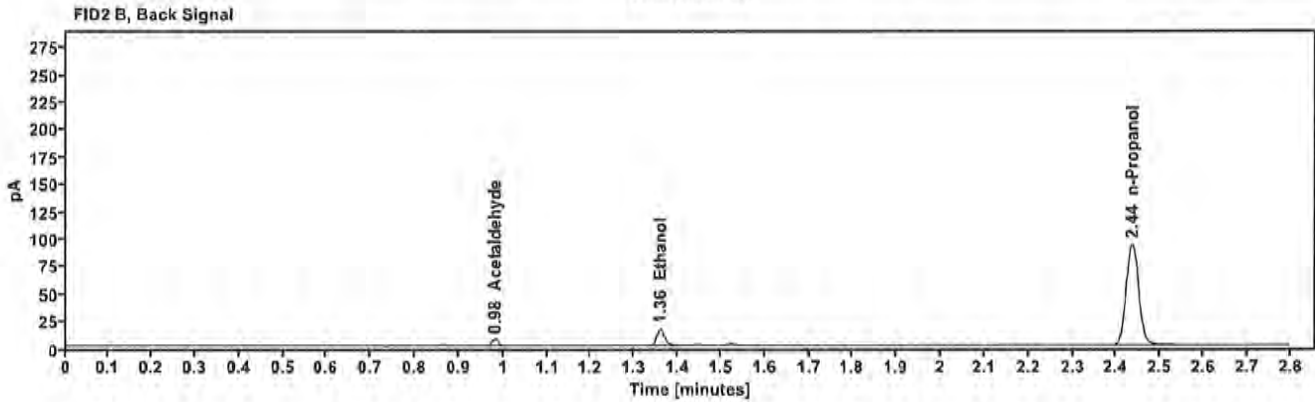
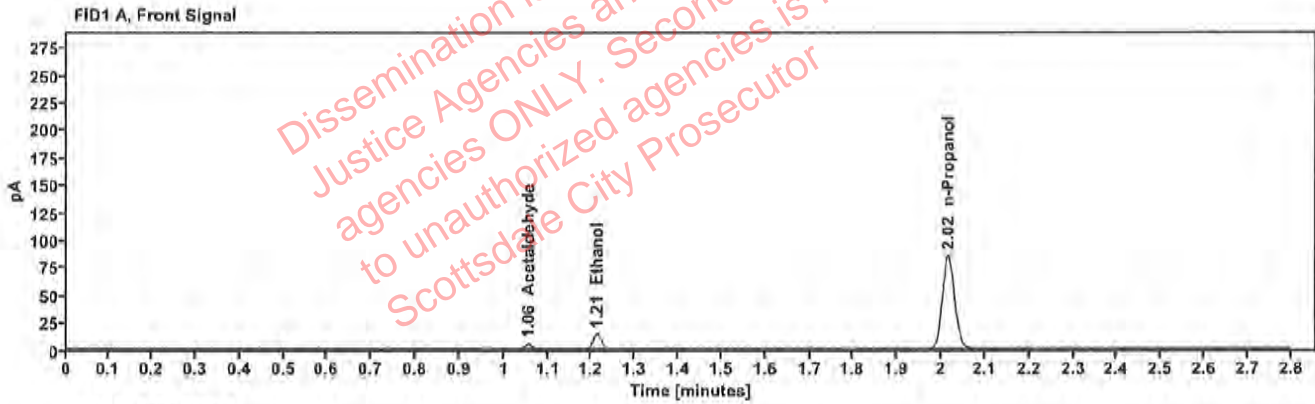


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	—	1.056	4.855
>Ethanol	0.0296	1.212	17.560
n-Propanol	—	2.016	169.104

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	5.457
Ethanol	1.359	19.238
n-Propanol	2.436	183.734

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2306953-2	Vial:	41
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:22:59 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\41.D	Analyst:	Canonico

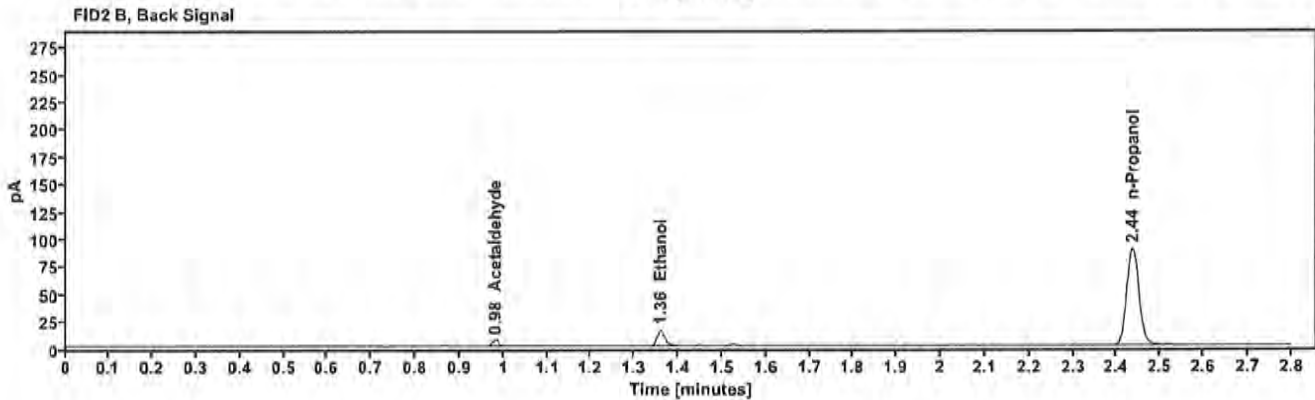
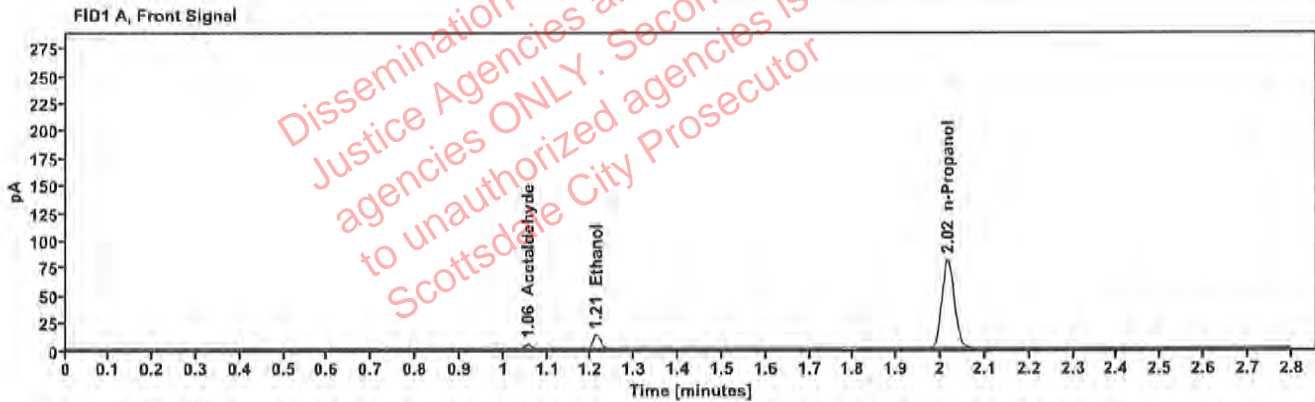


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.056	4.794
>Ethanol	0.0291	1.213	16.455
n-Propanol	---	2.016	161.381

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	5.380
Ethanol	1.360	18.124
n-Propanol	2.436	175.403

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2311640-2	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:31:15 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\43.D	Analyst:	Canonico

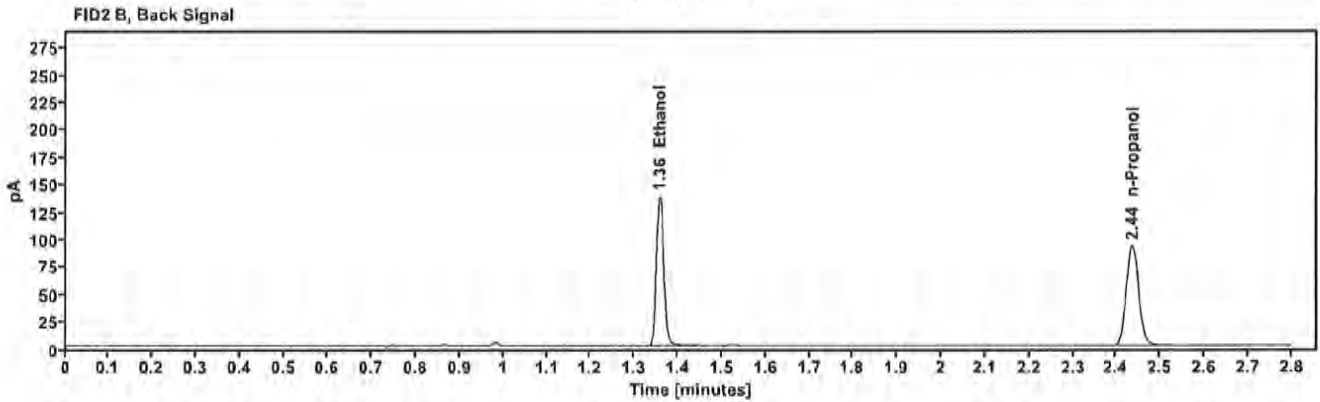
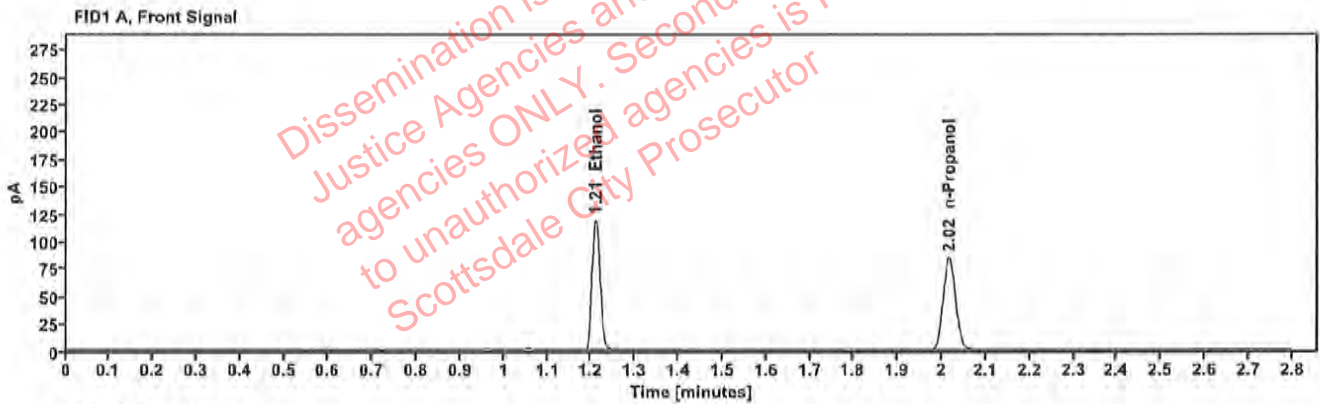


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2305	1.210	151.654
n-Propanol	-----	2.016	167.830

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

Compound	Time (min)	Peak Area
Ethanol	1.358	165.916
n-Propanol	2.436	182.452



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2311640-2	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:35:14 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\44.D	Analyst:	Canonico

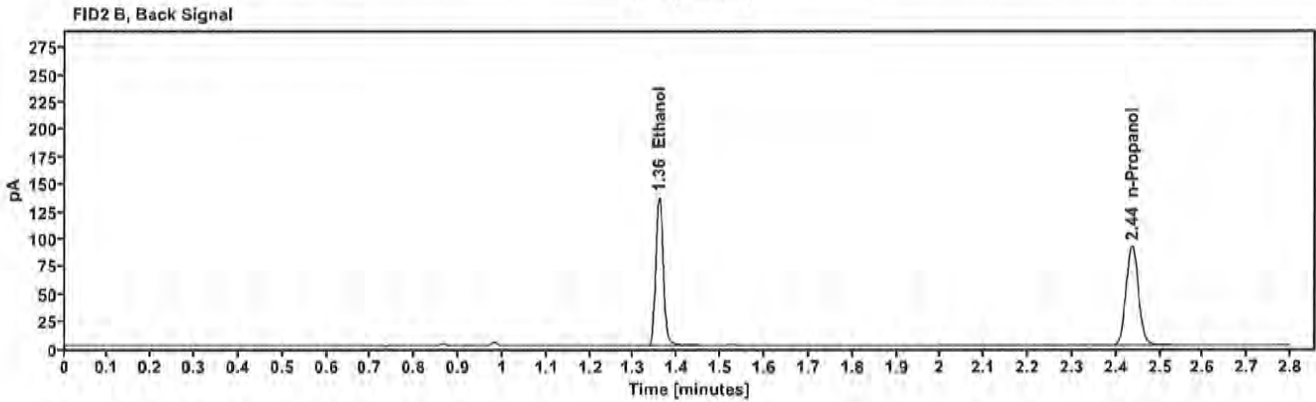
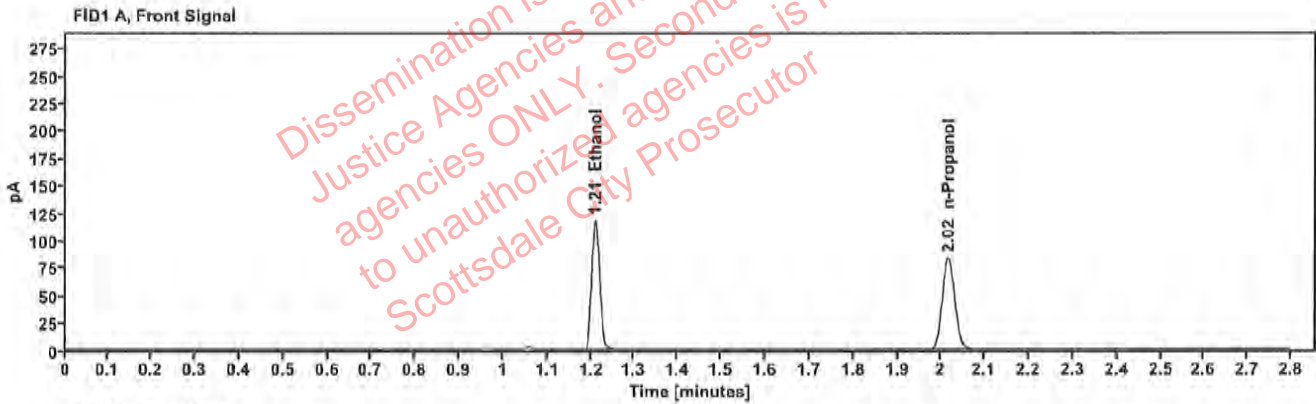


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2308	1.210	150.012
n-Propanol	-----	2.016	165.778

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

Compound	Time (min)	Peak Area
Ethanol	1.358	164.322
n-Propanol	2.436	180.160

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2312144-1	Vial:	45
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:39:15 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\45.D	Analyst:	Canonico

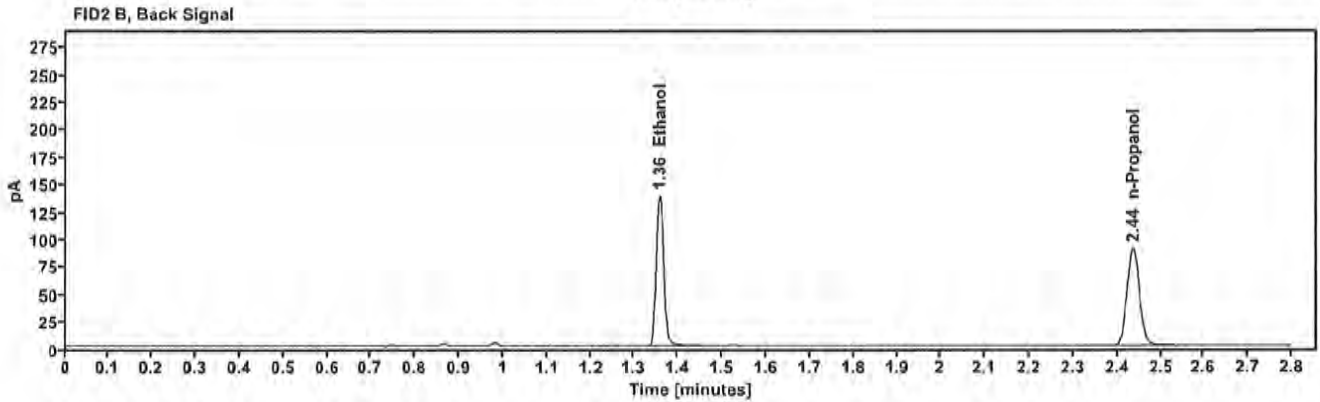
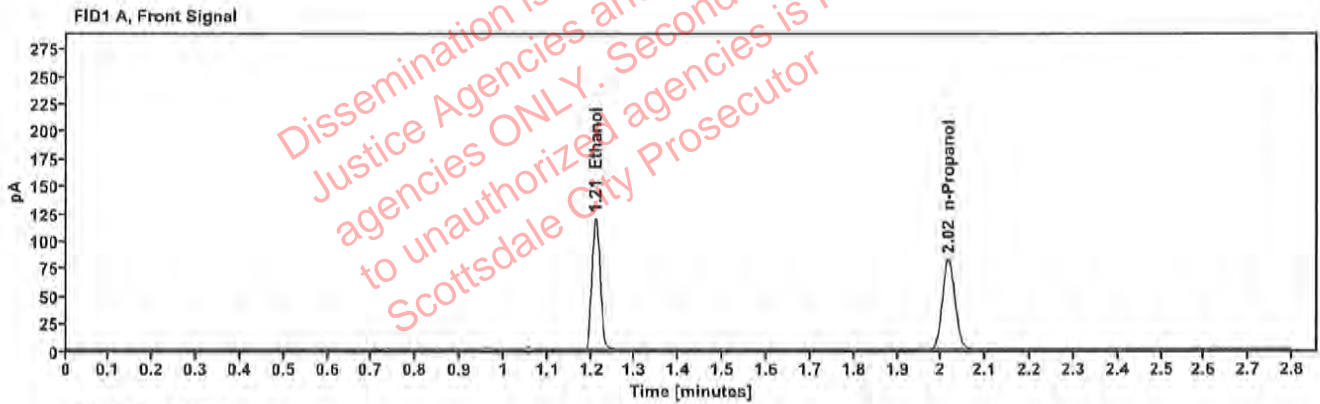


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2379	1.210	152.760
n-Propanol	—	2.016	163,716

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

Compound	Time (min)	Peak Area
Ethanol	1.358	167.204
n-Propanol	2.436	177.901

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2312144-1	Vial:	46
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:43:14 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\46.D	Analyst:	Canonico

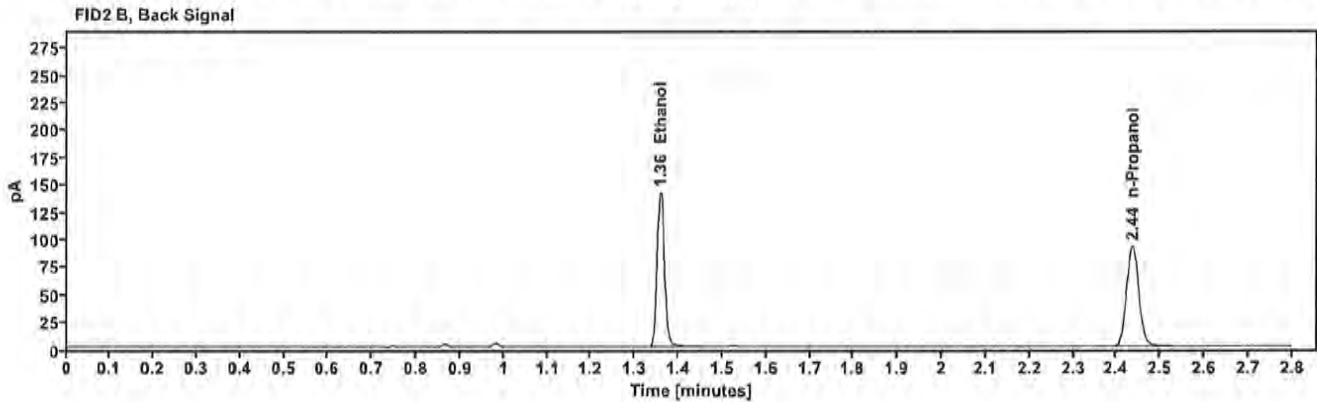
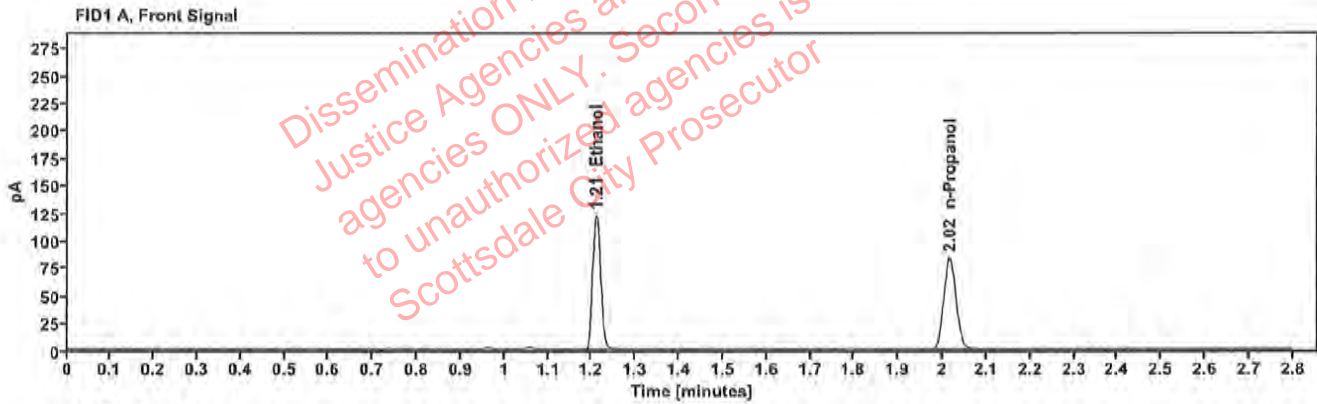


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2383	1.210	155.498
n-Propanol	-----	2.016	166.337

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

Compound	Time (min)	Peak Area
Ethanol	1.358	170.681
n-Propanol	2.436	180.763

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2311993-2	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:47:14 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\47.D	Analyst:	Canonico

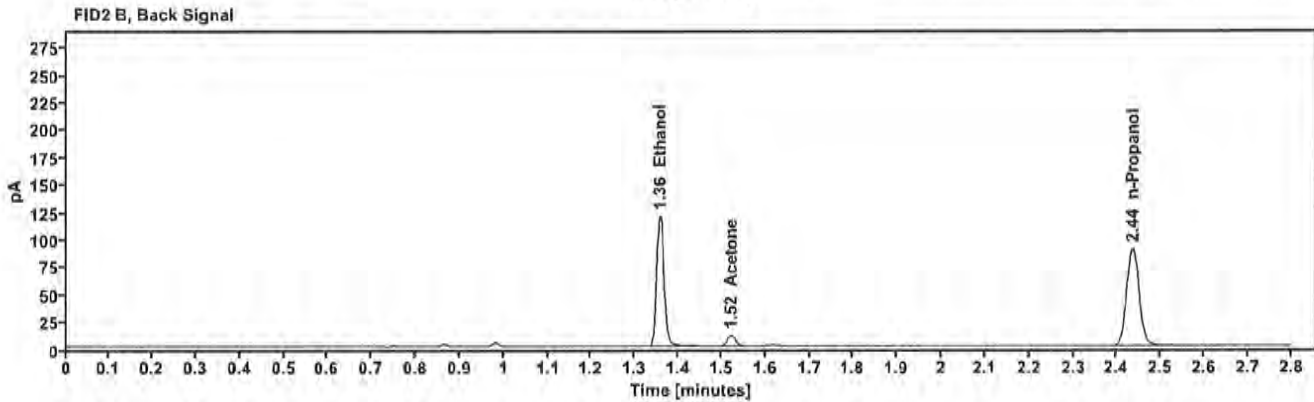
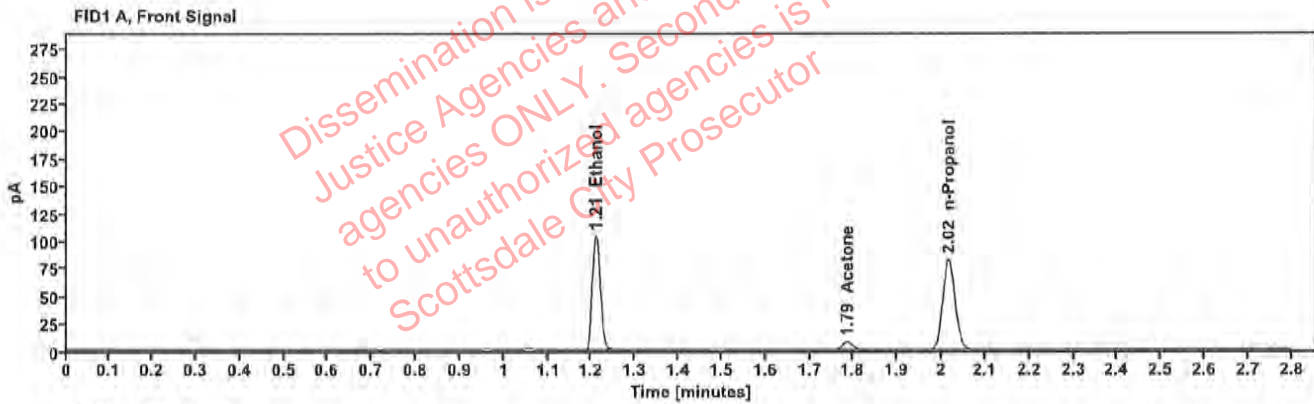


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2070	1.210	132.451
Acetone	—	1.786	12.289
n-Propanol	—	2.016	163.489

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

Compound	Time (min)	Peak Area
Ethanol	1.358	145.307
Acetone	1.522	13.362
n-Propanol	2.435	177.522



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2311993-2	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:51:15 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\48.D	Analyst:	Canonico

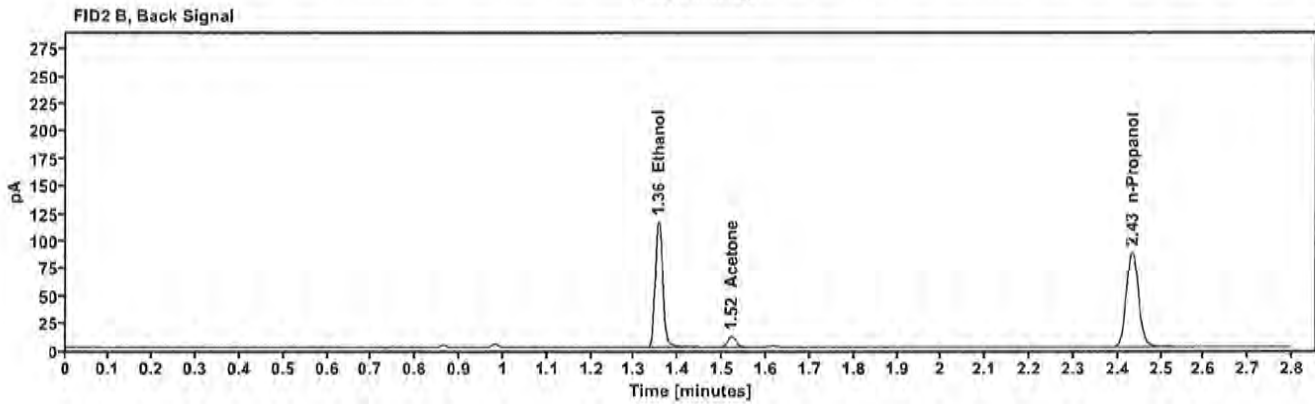
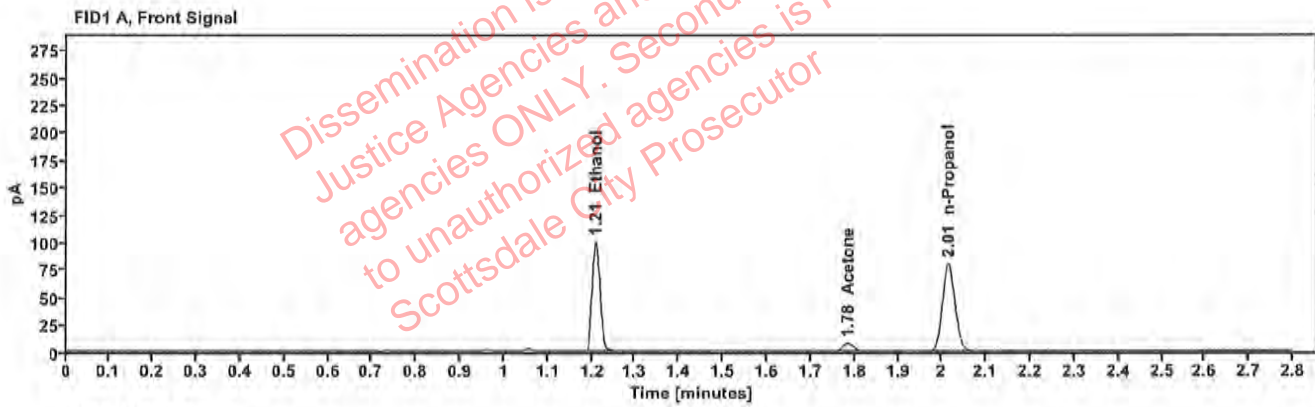


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2043	1.209	127.287
Acetone	---	1.785	12.243
n-Propanol	---	2.014	159.225

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

Compound	Time (min)	Peak Area
Ethanol	1.355	139.243
Acetone	1.521	13.319
n-Propanol	2.433	172.853

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2305666-1	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:55:30 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\49.D	Analyst:	Canonico

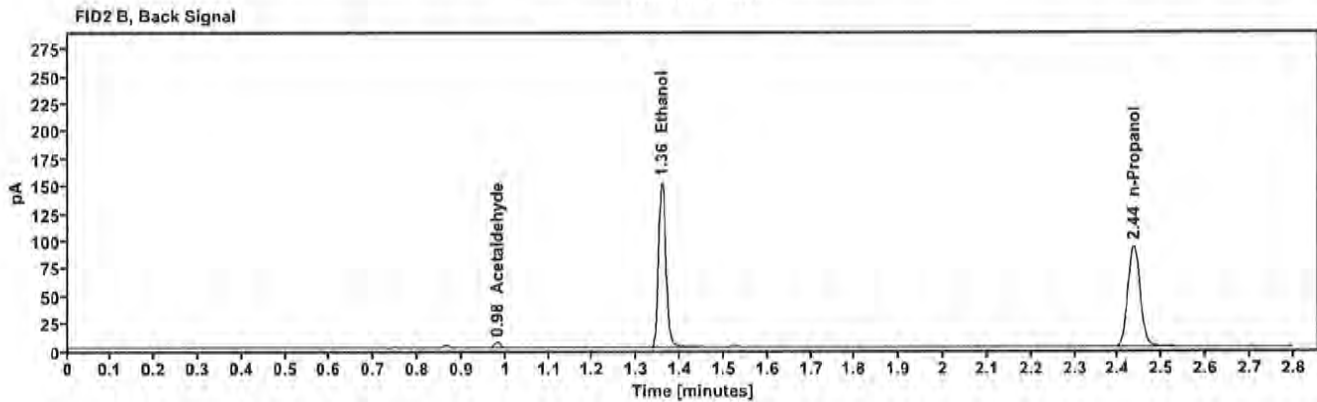
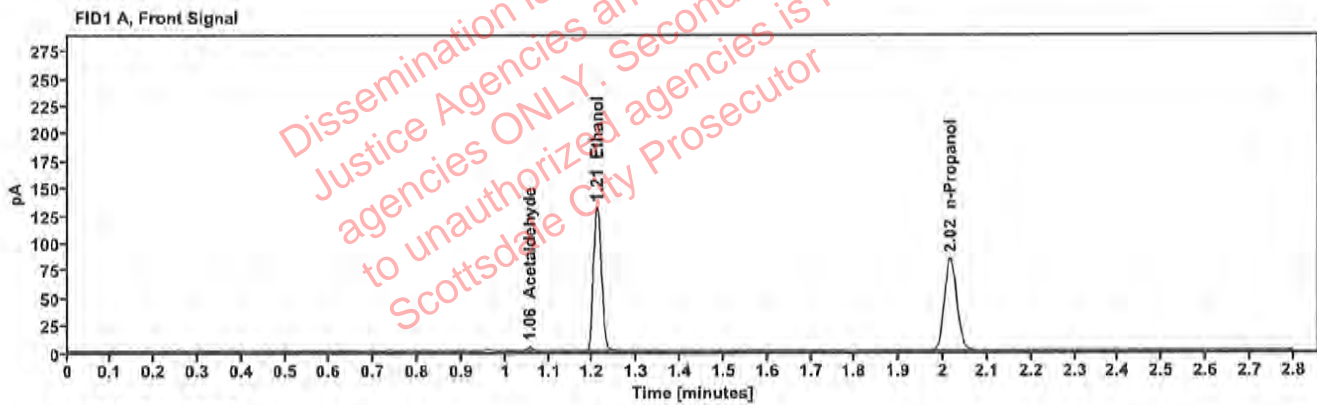


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.056	4.253
>Ethanol	0.2536	1.210	167.410
n-Propanol	---	2.016	168.130

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	4.782
Ethanol	1.358	183.281
n-Propanol	2.436	182.755

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2305666-1	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	21Jun23
Instrument:	US14173023 CN14160045	Injection date:	6/21/2023 1:59:30 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\21Jun23\50.D	Analyst:	Canonico

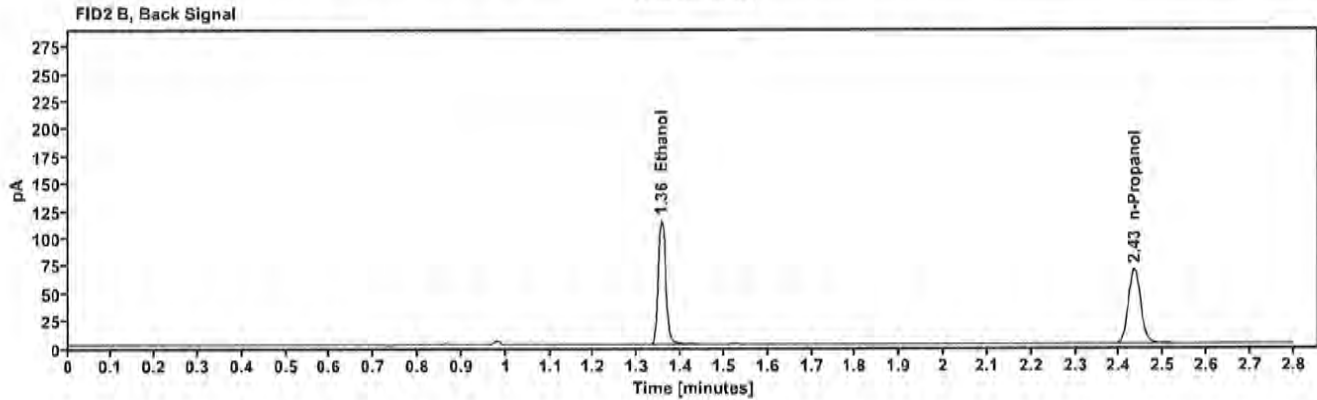
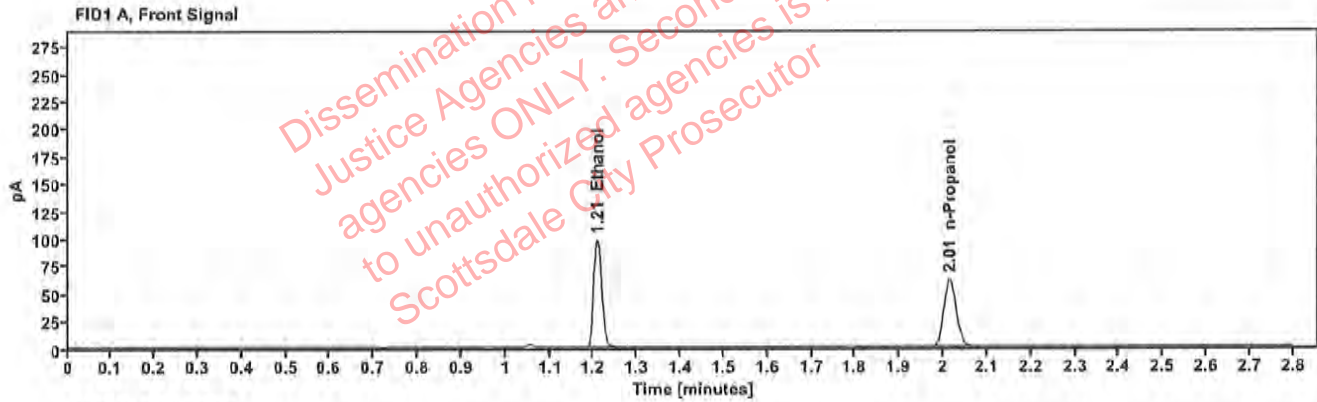


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2564	1.209	124.651
n-Propanol	---	2.015	123.784

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

Compound	Time (min)	Peak Area
Ethanol	1.355	136.652
n-Propanol	2.433	134.400