

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 12/15/2022 SEQUENCE NAME 15Dec22

**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 0.99998  
 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 100722AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.414 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/8
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Blood control	0.199 g/dL	0.206 g/dL	ACQ 4110320133/8
42	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
53	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 11092018-A
54	Aqueous control	0.040 g/dL	0.042 g/dL	Lipomed 14082019-B
55	Blood control	0.199 g/dL	0.207 g/dL	ACQ 4110320133/8
56	Blank	Not detected	Not detected	SPD lab 101921WB

**SUBJECT SAMPLES**

Subjects in the sequence 20 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  [Signature] Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

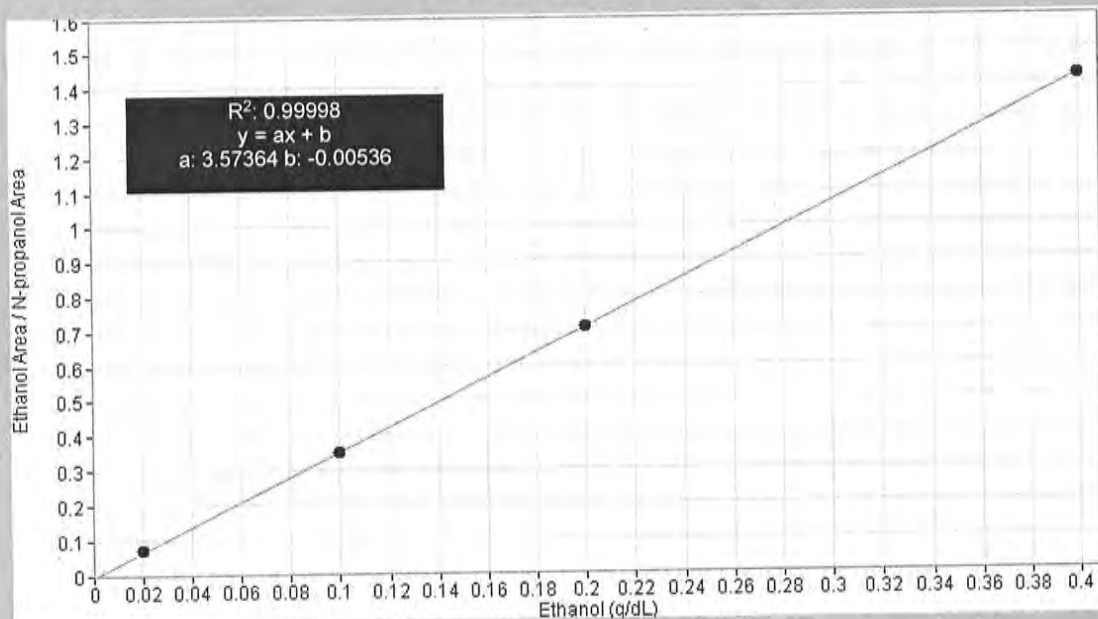
SEQUENCE NAME: 15Dec22

ANALYST: Canonico ec

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 100722AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.414	0.400	3.50	0.014
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.199 4110320133/8	9	0.202	0.199	1.51	0.003
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.199 4110320133/8	31	0.206	0.199	3.52	0.007
0.080 20012020-B	42	0.080	0.080	0.00	0.000
0.400 11092018-A	53	0.404	0.400	1.00	0.004
0.040 14082019-B	54	0.042	0.040	5.00	0.002
0.199 4110320133/8	55	0.207	0.199	4.02	0.008
blank 101921WB	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.605	168.321	0.069
0.100	57.001	163.430	0.349
0.200	118.457	167.118	0.709
0.400	235.787	165.461	1.425

### 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> 15Dec22
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 12/15/2022 10:55:23 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">ec</span>
<b>Data file:</b> C:\Chem32\1\Data\15Dec22\1.D	

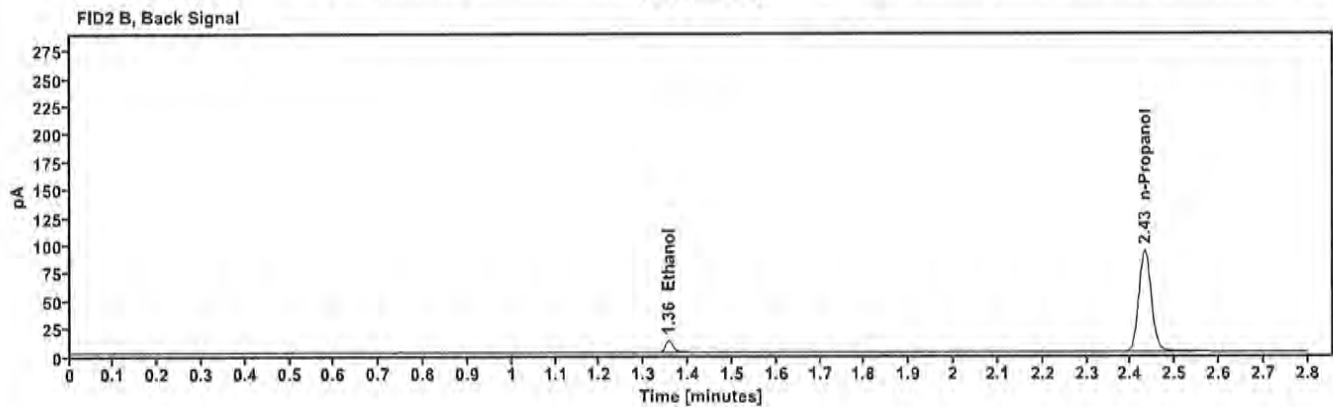
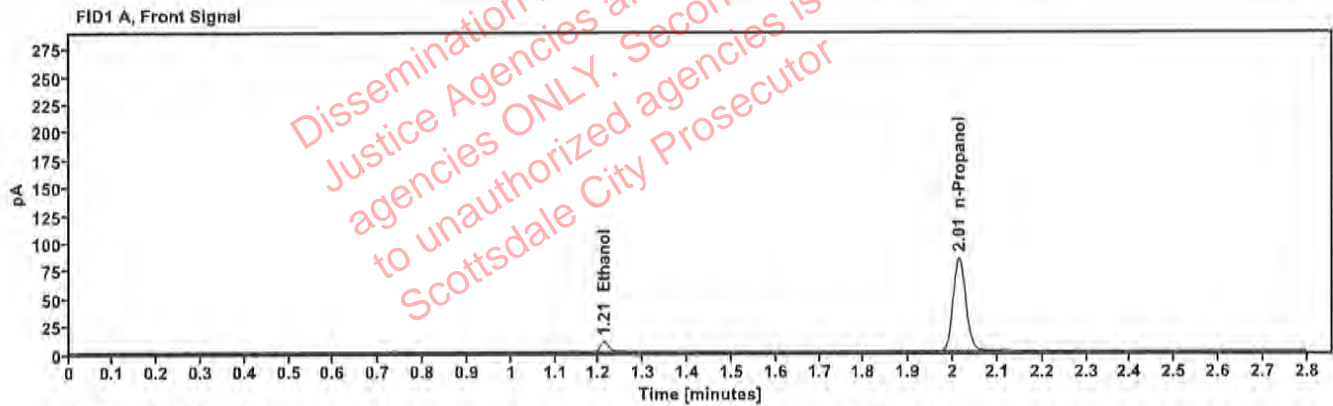


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.605
n-Propanol	2.014	168.321

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

Compound	Time (min)	Peak Area
Ethanol	1.356	12.612
n-Propanol	2.432	182.444

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN05311902	<b>Vial:</b>	2
<b>Description:</b>	0.100 calibrator	<b>Sequence:</b>	15Dec22
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	12/15/2022 10:59:24 AM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Canonico <i>EC</i>
<b>Data file:</b>	C:\Chem32\1\Data\15Dec22\2.D		

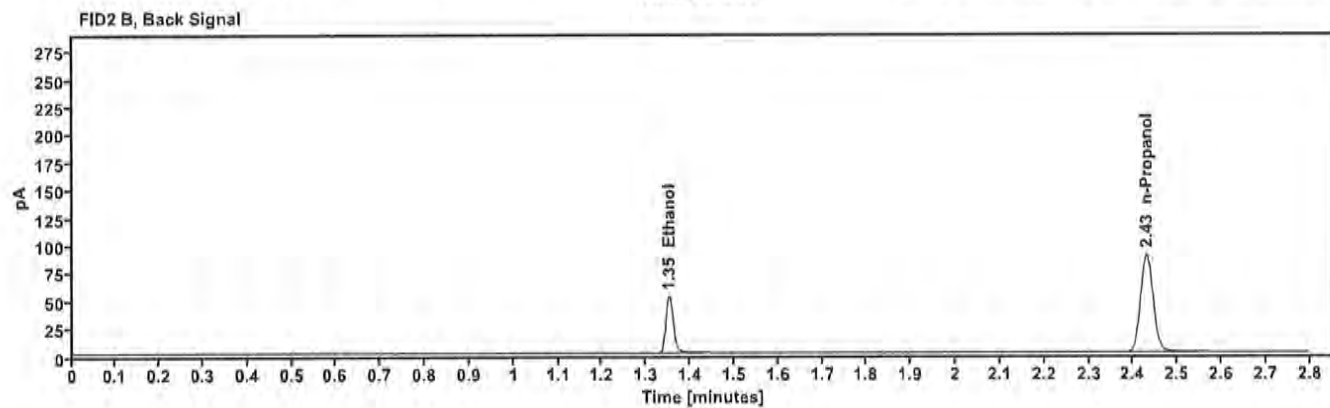
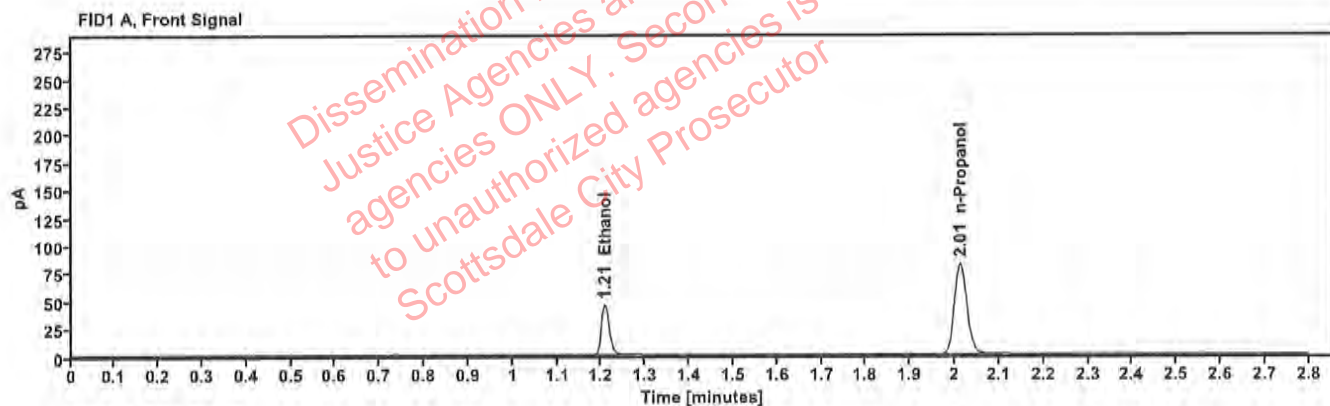


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	57.001
n-Propanol	2.012	163.430

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

Compound	Time (min)	Peak Area
Ethanol	1.352	62.176
n-Propanol	2.430	177.249

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN02052101	Vial:	3
Description:	0.200 calibrator	Sequence:	15Dec22
Method:	ethanol quant.M	Injection date:	12/15/2022 11:03:23 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <span style="float: right;">EC</span>
Data file:	C:\Chem32\1\Data\15Dec22\3.D		

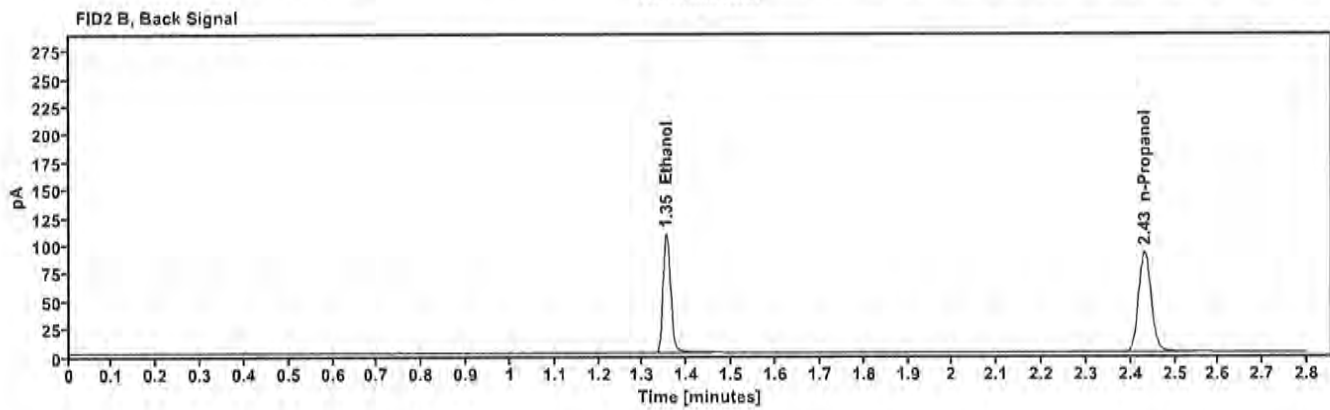
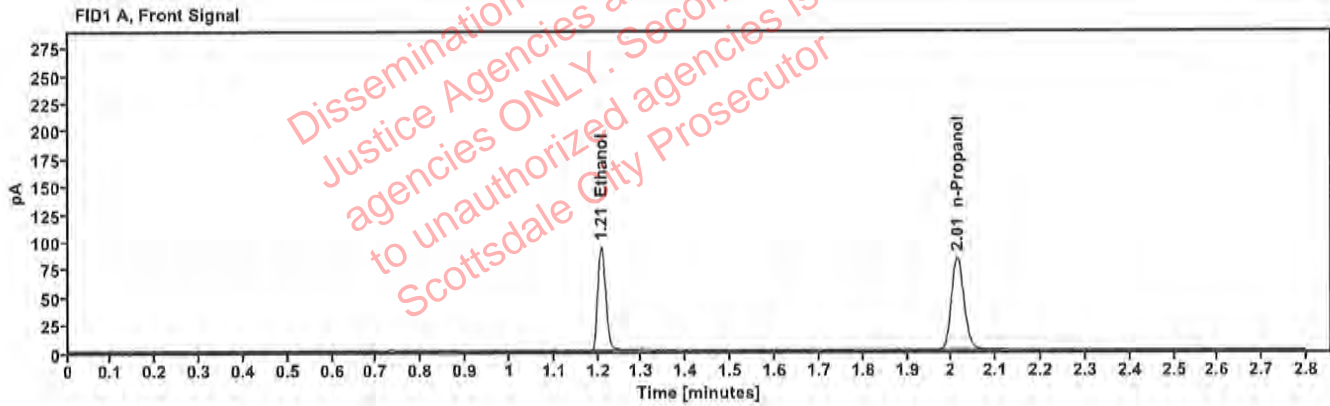


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	118.457
n-Propanol	2.013	167.118

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

Compound	Time (min)	Peak Area
Ethanol	1.353	129.715
n-Propanol	2.431	180.792

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03052102	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 15Dec22
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 12/15/2022 11:07:24 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">EC</span>
<b>Data file:</b> C:\Chem32\1\Data\15Dec22\4.D	

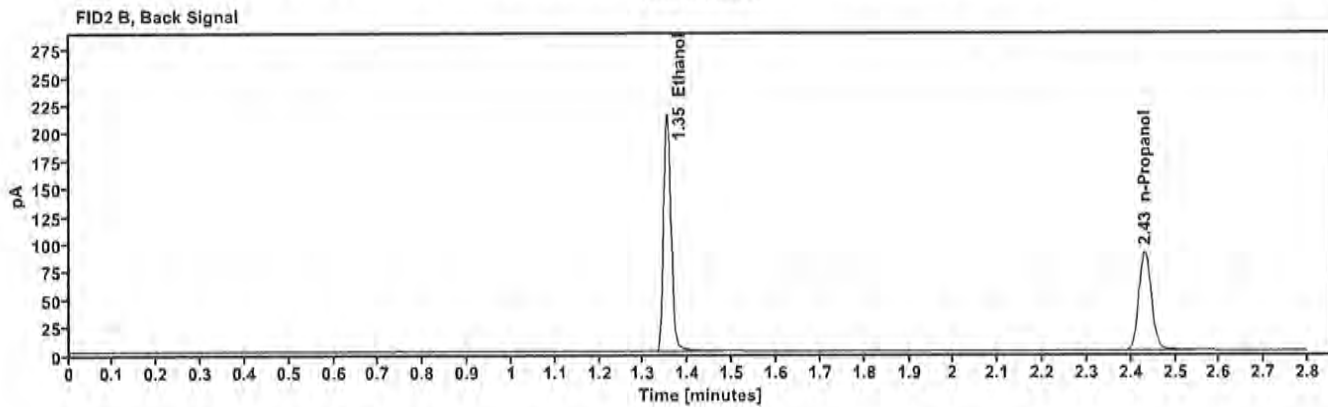
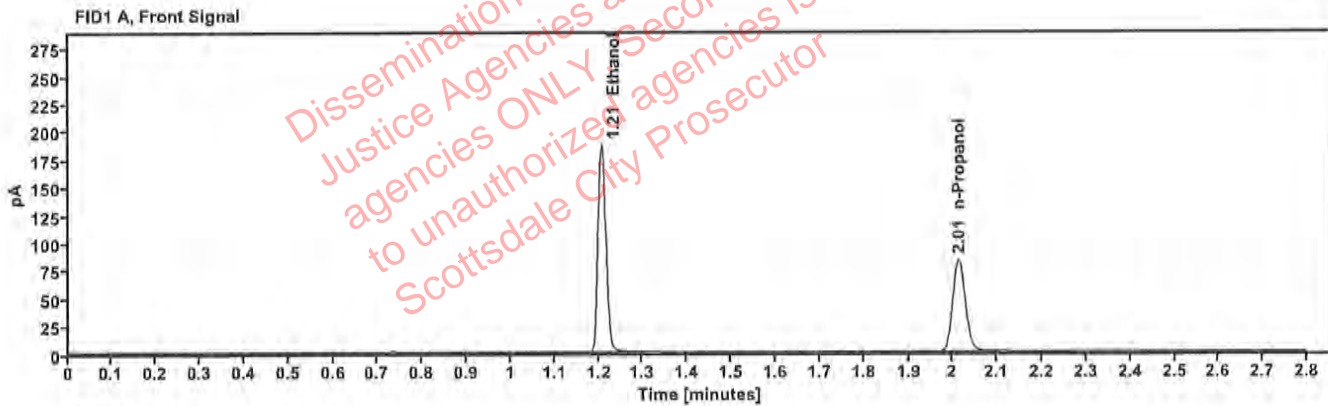


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	235.787
n-Propanol	2.013	165.461

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

Compound	Time (min)	Peak Area
Ethanol	1.353	259.041
n-Propanol	2.431	179.129

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 100722AQ	<b>Vial:</b> 5
<b>Description:</b> Negative	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 15Dec22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 12/15/2022 11:11:23 AM
<b>Data file:</b> C:\Chem32\1\Data\15Dec22\5.D	<b>Analyst:</b> Canonico <i>EC</i>

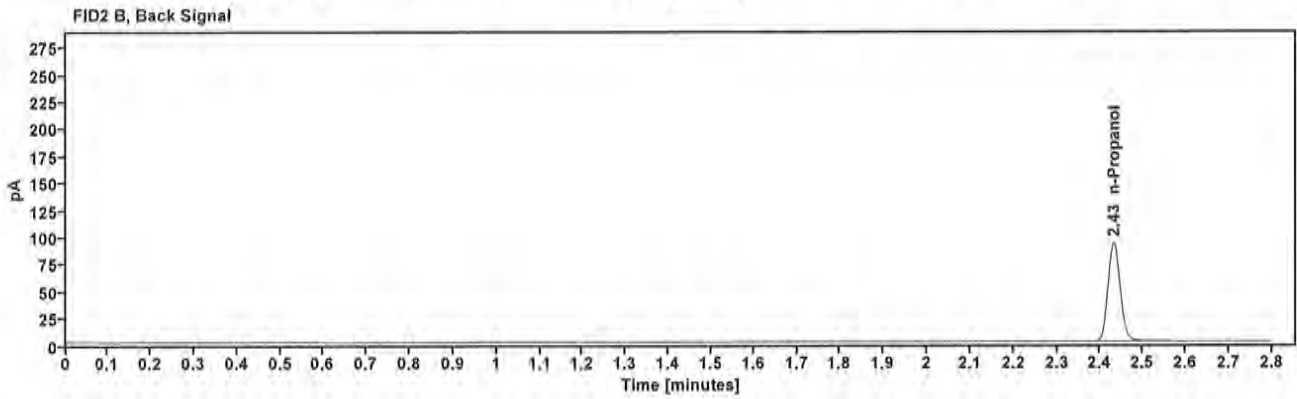
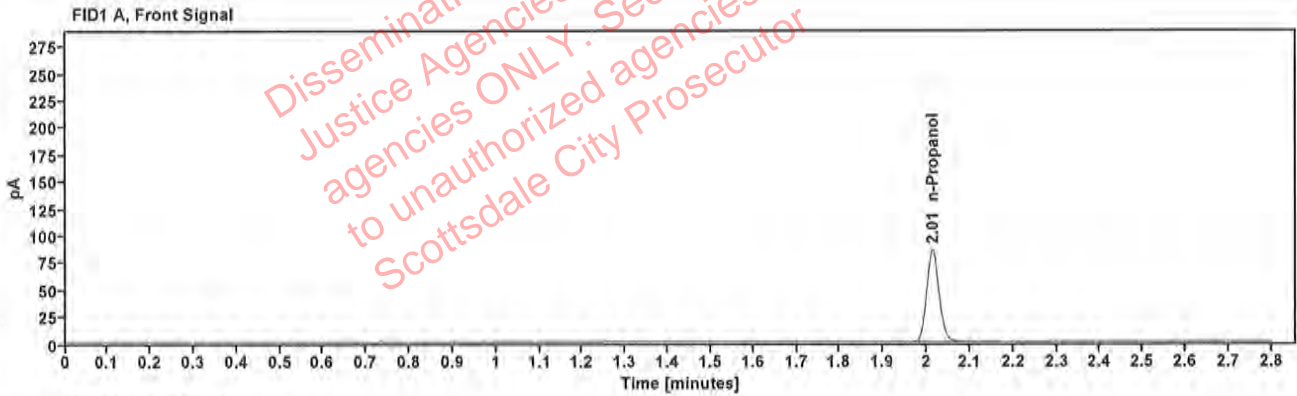


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.013	168.885

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

Compound	Time (min)	Peak Area
n-Propanol	2.432	182.809

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 11:15:23 AM
Data file:	C:\Chem32\1\Data\15Dec22\6.D	Analyst:	Canonico <i>RC</i>

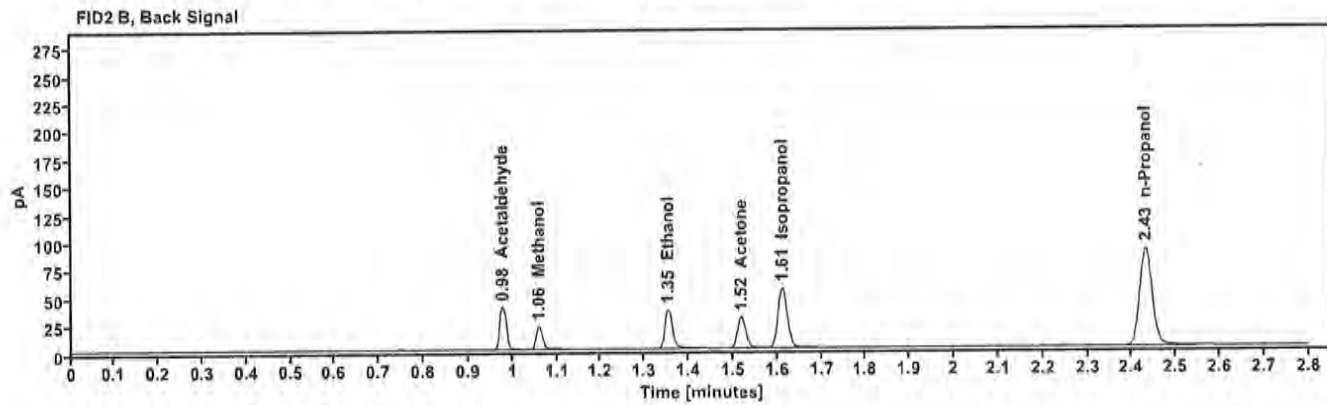
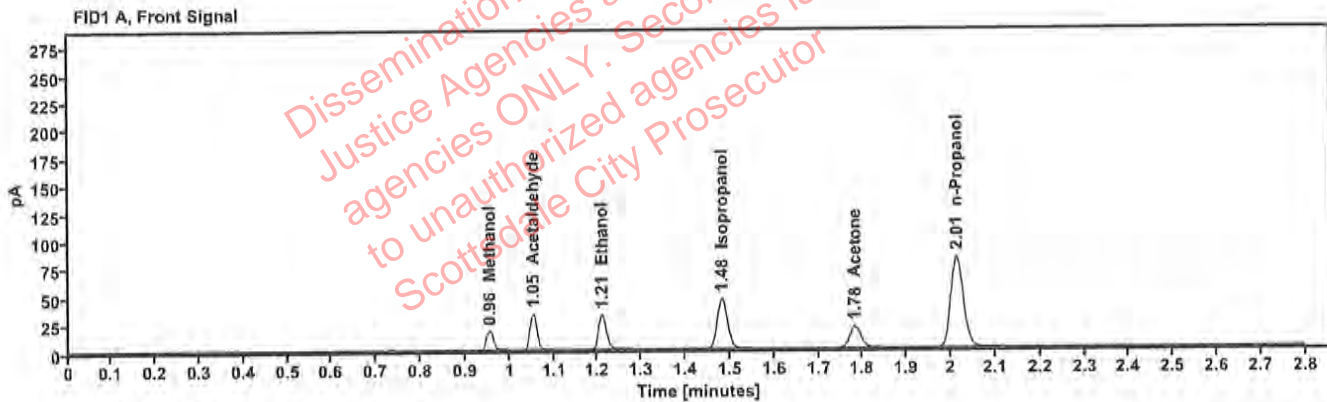


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	---	0.955	19.649
Acetaldehyde	---	1.053	36.045
>Ethanol	0.0693	1.209	39.641
Isopropanol	---	1.482	73.007
Acetone	---	1.782	33.392
n-Propanol	---	2.013	163.527

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	40.289
Methanol	1.059	21.656
Ethanol	1.354	43.036
Acetone	1.519	36.685
Isopropanol	1.612	80.711
n-Propanol	2.431	176.949



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 11:19:38 AM
Data file:	C:\Chem32\1\Data\15Dec22\7.D	Analyst:	Canonico <i>RC</i>

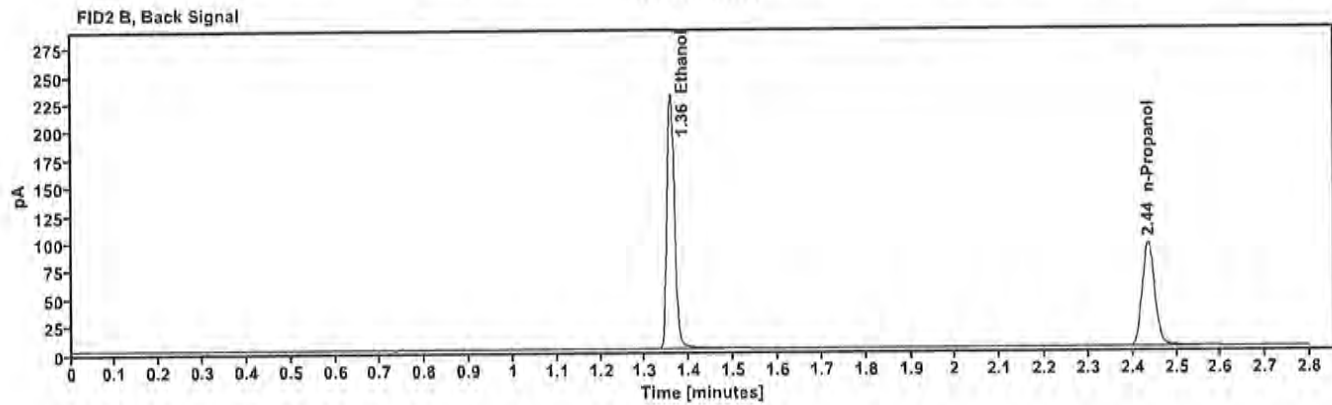
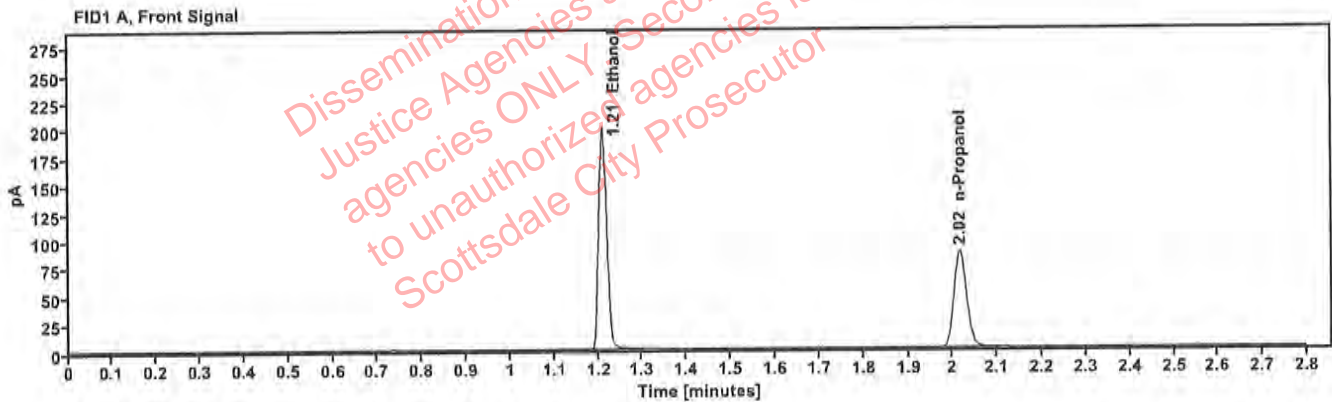


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4147	1.210	254.682
n-Propanol	---	2.016	172.459

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

Compound	Time (min)	Peak Area
Ethanol	1.358	279.527
n-Propanol	2.436	186.564

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 11:23:39 AM
Data file:	C:\Chem321\1\Data\15Dec22\8.D	Analyst:	Canonico <i>CC</i>

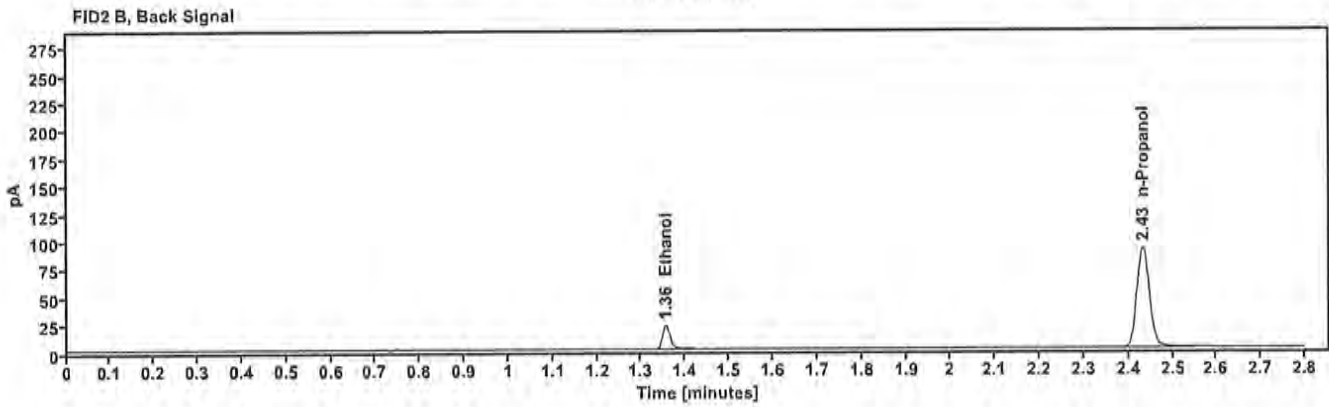
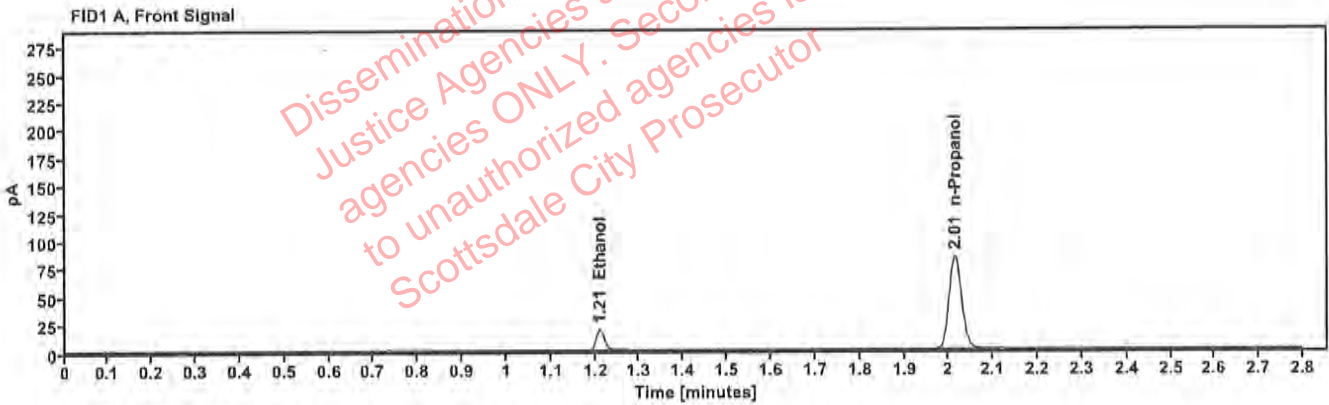


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0415	1.210	23.905
n-Propanol	-----	2.014	167.030

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

Compound	Time (min)	Peak Area
Ethanol	1.356	25.869
n-Propanol	2.433	180.787

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> 4110320133/8	<b>Vial:</b> 9
<b>Description:</b> 0.199	<b>LIMS ID:</b>
<b>Method:</b> ethanol quant.M	<b>Sequence:</b> 15Dec22
<b>Instrument:</b> US14173023 CN14160045	<b>Injection date:</b> 12/15/2022 11:27:38 AM
<b>Data file:</b> C:\Chem32\1\Data\15Dec22\9.D	<b>Analyst:</b> Canonico <i>EC</i>

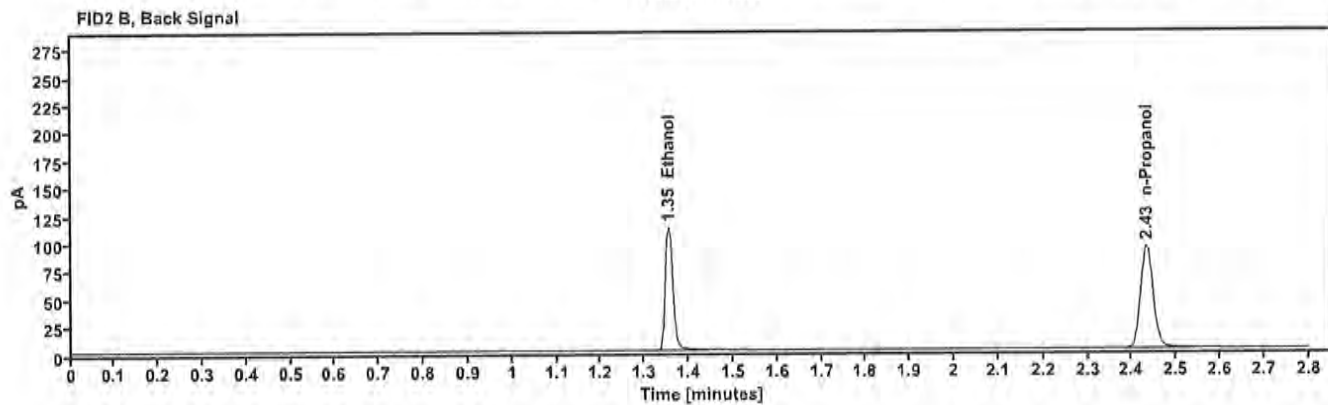
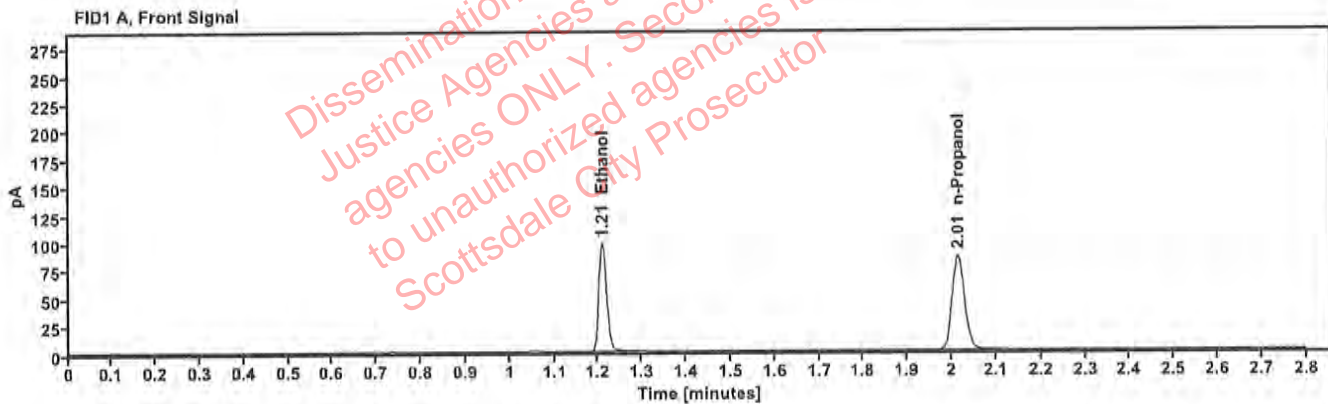


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2028	1.209	122.548
n-Propanol	-----	2.014	170.352

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

Compound	Time (min)	Peak Area
Ethanol	1.355	133.967
n-Propanol	2.433	184.338

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 12:12:09 PM
Data file:	C:\Chem321\Data\15Dec22\20.D	Analyst:	Canonico

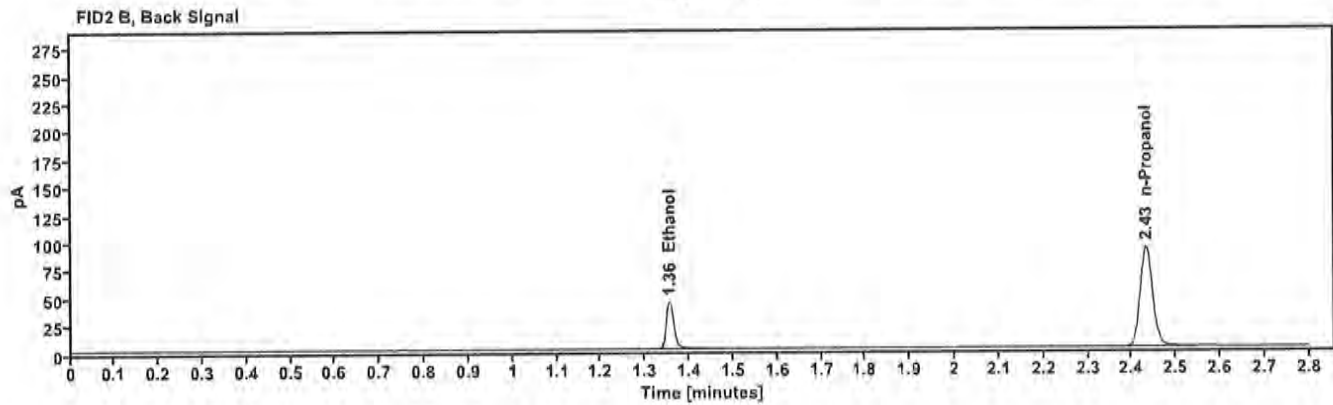
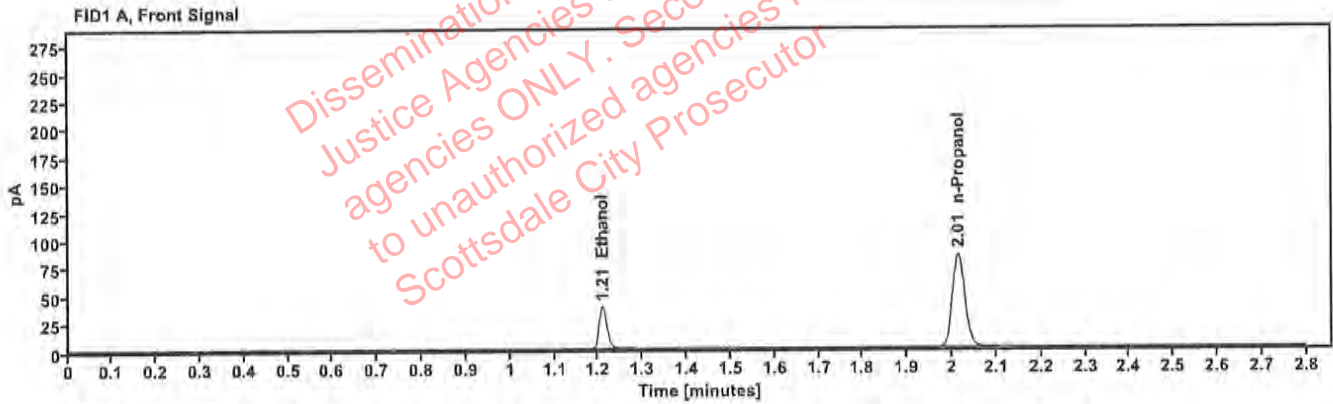


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0814	1.209	47.880
n-Propanol	-----	2.014	167.730

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

Compound	Time (min)	Peak Area
Ethanol	1.355	52.237
n-Propanol	2.433	181.409

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/8	Vial:	31
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 12:56:38 PM
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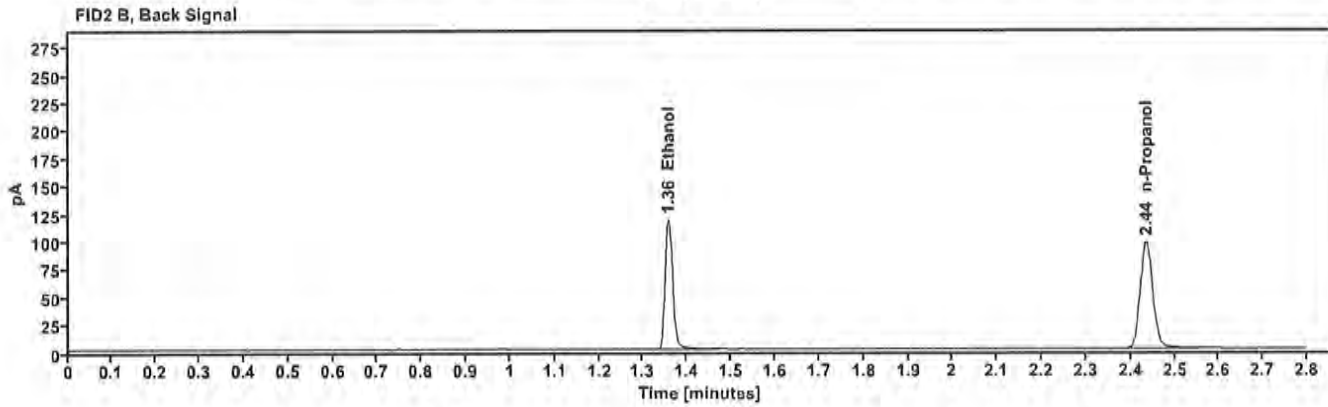
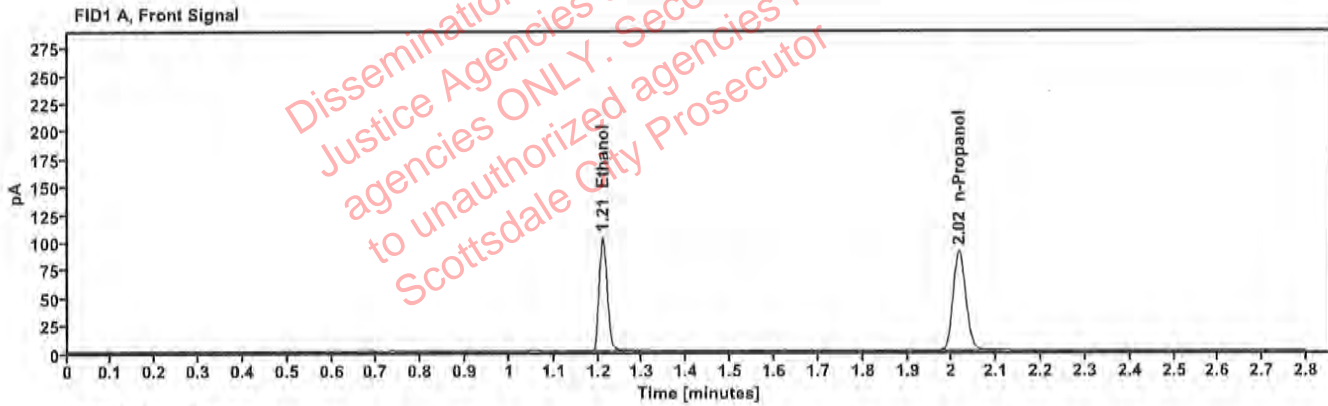


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2066	1.210	130.682
n-Propanol	---	2.016	178.328

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

Compound	Time (min)	Peak Area
Ethanol	1.357	143.165
n-Propanol	2.435	193.026

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	42
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:40:53 PM
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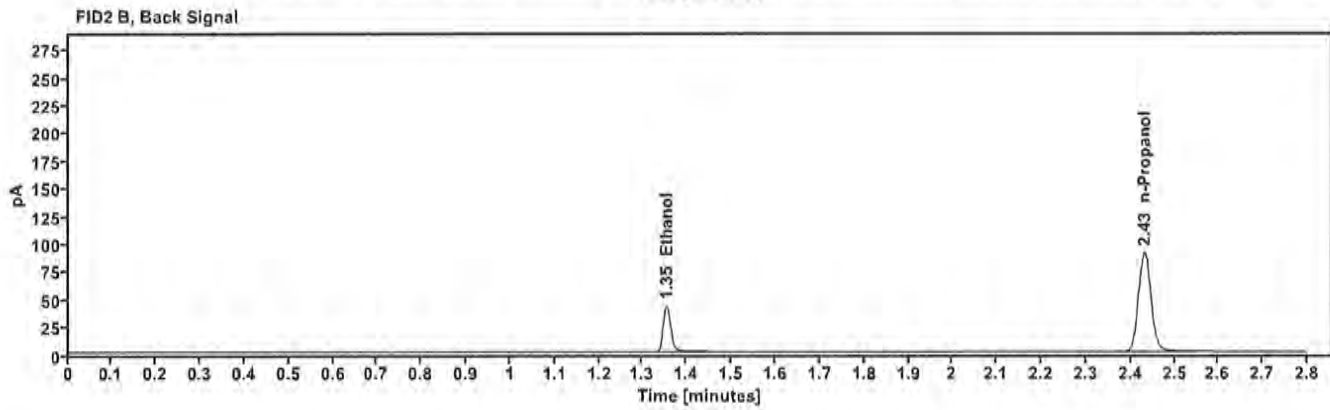
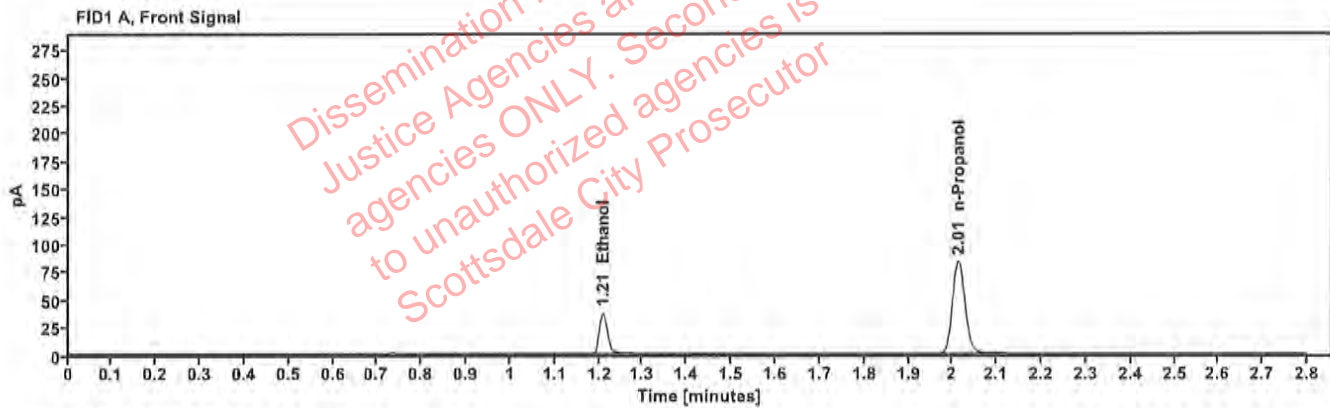


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0809	1.209	47.272
n-Propanol	---	2.013	166.704

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

Compound	Time (min)	Peak Area
Ethanol	1.354	51.418
n-Propanol	2.432	180.443

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	53
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 2:25:23 PM
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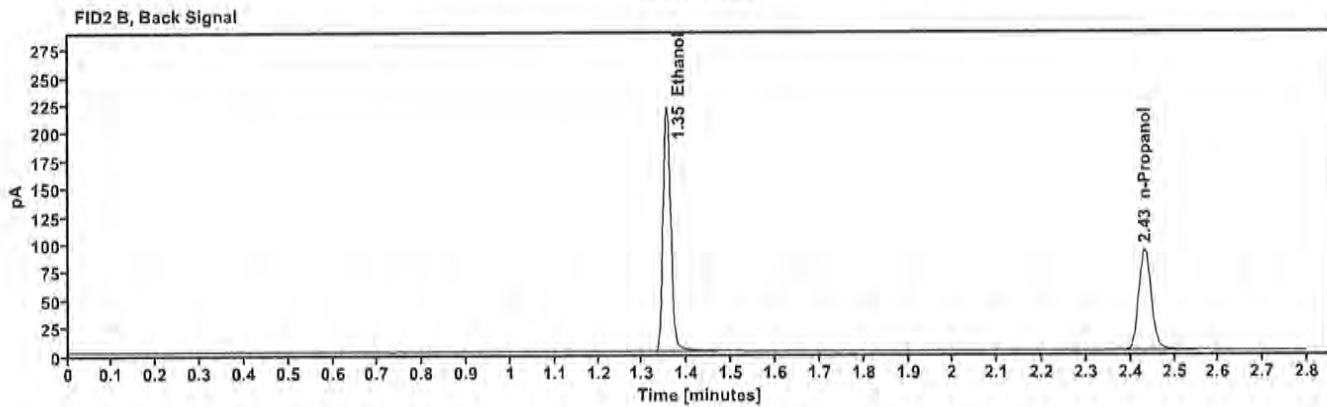
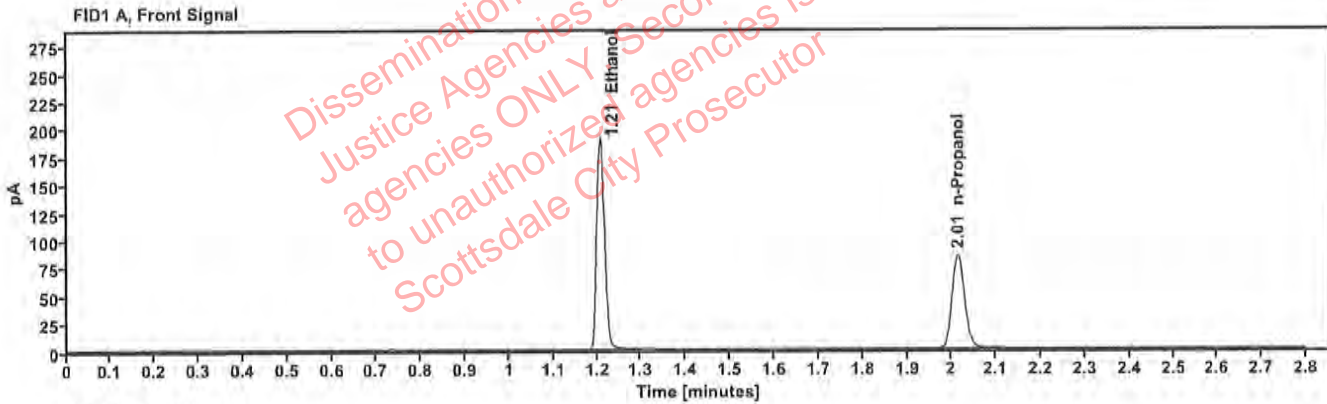


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4047	1.208	242.420
n-Propanol	---	2.014	168.233

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

Compound	Time (min)	Peak Area
Ethanol	1.354	265.943
n-Propanol	2.433	182.142

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 54
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 15Dec22
Instrument: US14173023 CN14160045	Injection date: 12/15/2022 2:29:24 PM
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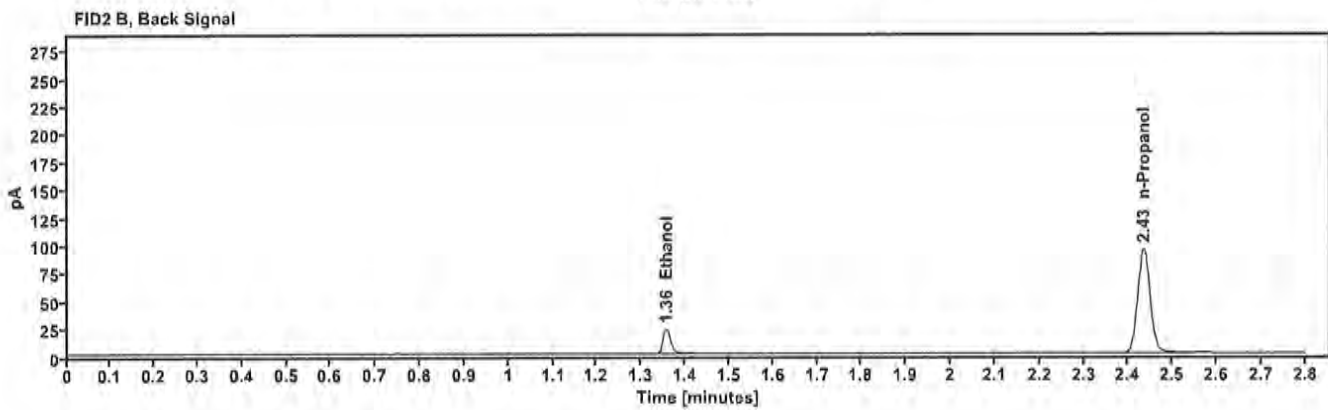
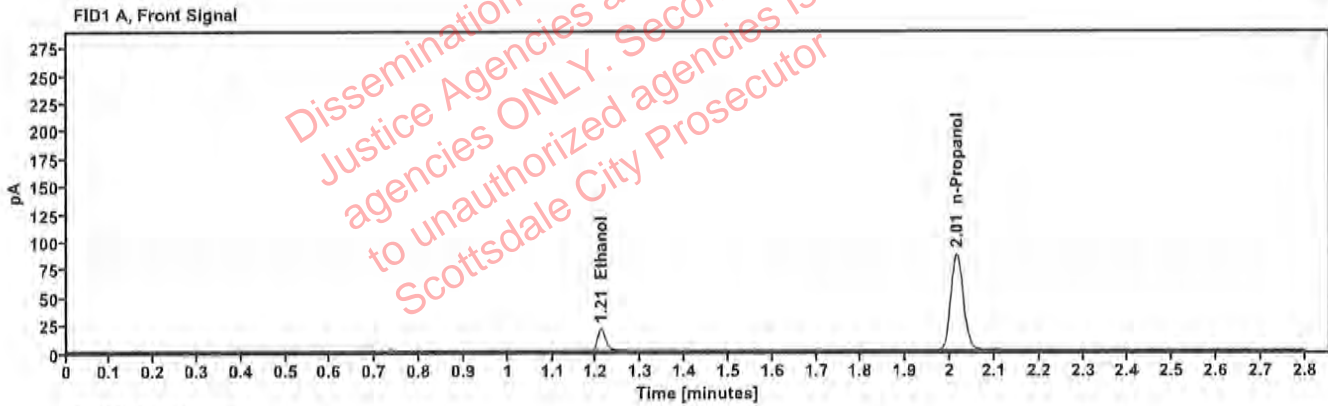


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0421	1.211	25.166
n-Propanol	---	2.015	173.636

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

Compound	Time (min)	Peak Area
Ethanol	1.357	27.144
n-Propanol	2.434	187.833



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/8	Vial: 55
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 15Dec22
Instrument: US14173023 CN14160045	Injection date: 12/15/2022 2:33:38 PM
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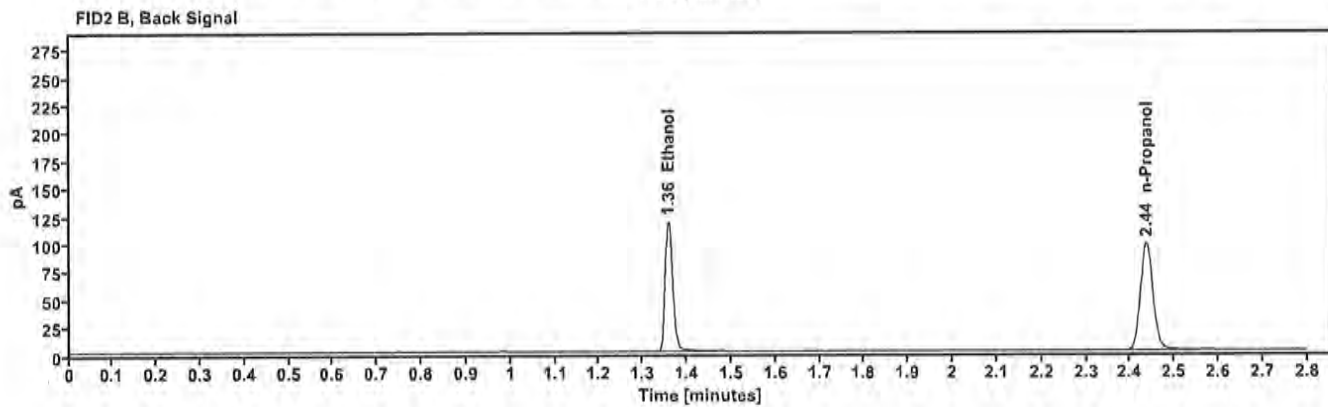
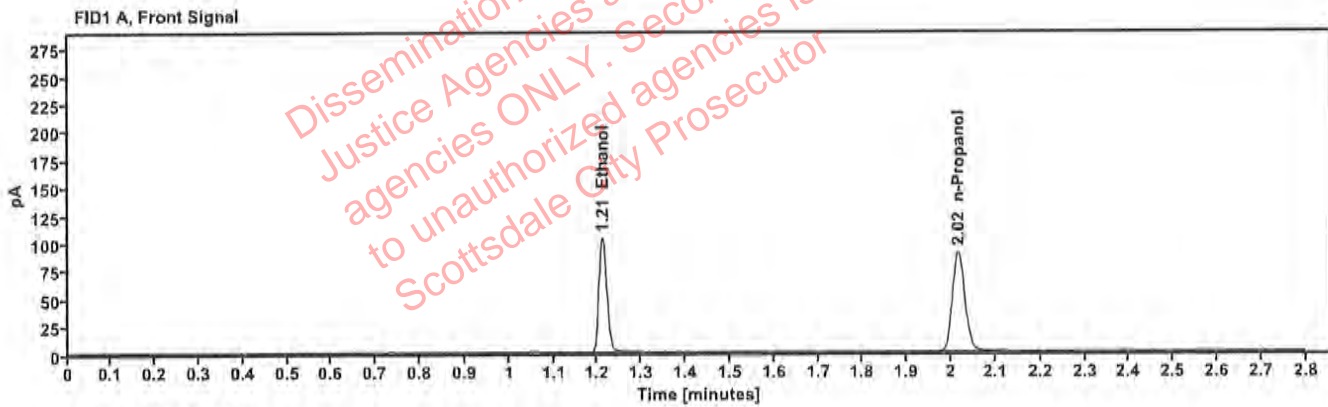


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2071	1.210	131.434
n-Propanol	---	2.016	178.926

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

Compound	Time (min)	Peak Area
Ethanol	1.358	143.910
n-Propanol	2.436	193.625

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	101921WB	Vial:	56
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 2:37:38 PM
Data file:	C:\Chem32\1\Data\15Dec22\56.D	Analyst:	Canonico <i>CC</i>

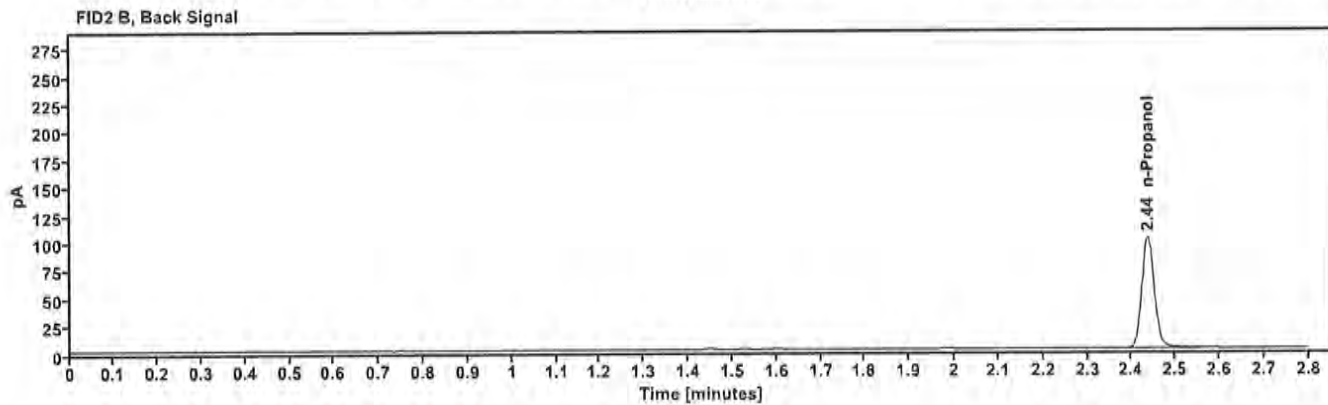
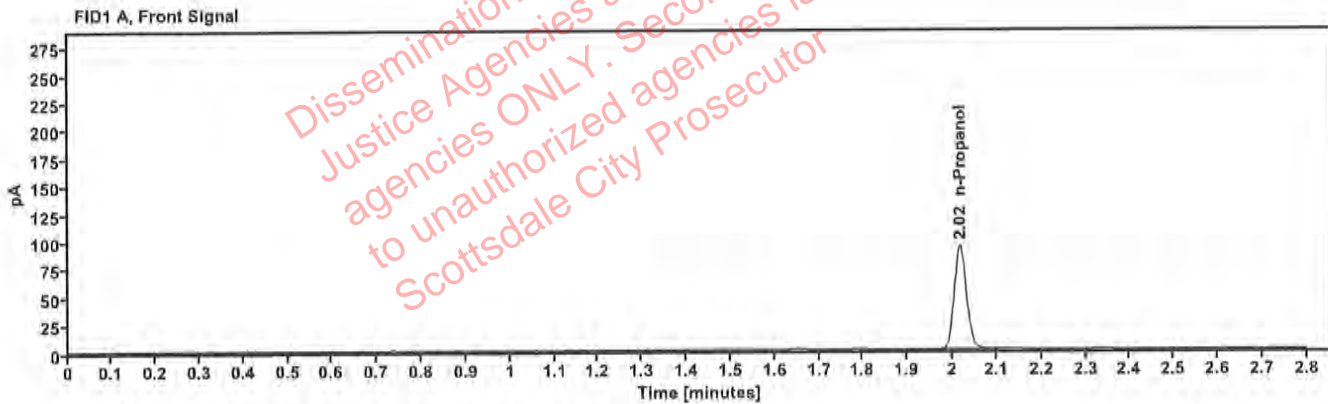


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.017	185.087

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

Compound	Time (min)	Peak Area
n-Propanol	2.437	200.777

# Sequence Summary

Sequence name: 15Dec22      Instrument: US14173023 CN14160045      Analyst: Canonico *cc*

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	100722AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/8	0.199	Control		ethanol quant.M
10	2221570-3		Sample		ethanol quant.M
11	2221570-3		Sample		ethanol quant.M
12	2223262-3		Sample		ethanol quant.M
13	2223262-3		Sample		ethanol quant.M
14	2223319-2		Sample		ethanol quant.M
15	2223319-2		Sample		ethanol quant.M
16	353-01V.K.		Sample		ethanol quant.M
17	353-01V.K.		Sample		ethanol quant.M
18	326-01L.R.		Sample		ethanol quant.M
19	326-01L.R.		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	390-01T.T.		Sample		ethanol quant.M
22	390-01T.T.		Sample		ethanol quant.M
23	327-01D.H.		Sample		ethanol quant.M
24	327-01D.H.		Sample		ethanol quant.M
25	327-01E.P.		Sample		ethanol quant.M
26	327-01E.P.		Sample		ethanol quant.M
27	353-01C.H.		Sample		ethanol quant.M
28	353-01C.H.		Sample		ethanol quant.M
29	2221500-3		Sample		ethanol quant.M
30	2221500-3		Sample		ethanol quant.M
31	4110320133/8	0.199	Control		ethanol quant.M
32	2223593-1		Sample		ethanol quant.M
33	2223593-1		Sample		ethanol quant.M
34	2223317-3		Sample		ethanol quant.M
35	2223317-3		Sample		ethanol quant.M
36	2223244-2		Sample		ethanol quant.M
37	2223244-2		Sample		ethanol quant.M
38	2223177-2		Sample		ethanol quant.M
39	2223177-2		Sample		ethanol quant.M
40	2223320-2		Sample		ethanol quant.M
41	2223320-2		Sample		ethanol quant.M
42	20012020-B	0.080	Control		ethanol quant.M
43	2222485-2		Sample		ethanol quant.M
44	2222485-2		Sample		ethanol quant.M
45	2222925-3		Sample		ethanol quant.M
46	2222925-3		Sample		ethanol quant.M
47	2223371-2		Sample		ethanol quant.M

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

# Sequence Summary

EC

48	2223371-2			Sample		ethanol quant.M
49	2223446-3			Sample		ethanol quant.M
50	2223446-3			Sample		ethanol quant.M
51	1422164			Sample		ethanol quant.M
52	1422164			Sample		ethanol quant.M
53	11092018-A		0.400	Control		ethanol quant.M
54	14082019-B		0.040	Control		ethanol quant.M
55	4110320133/8		0.199	Control		ethanol quant.M
56	101921WB		Negative	Control		ethanol quant.M

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# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 15Dec22

ANALYST: Canonico 82

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1365	0.1334	0.13495	1.15	0.00155
12 13	0.1787	0.1781	0.17840	0.17	0.00030
14 15	0.1405	0.1402	0.14035	0.11	0.00015
16 17	0.2494	0.2540	0.25170	0.91	0.00230
18 19	0.0471	0.0467	0.04690	0.43	0.00020
21 22	0.2315	0.2317	0.23160	0.04	0.00010
23 24	0.0307	0.0306	0.03065	0.16	0.00005
25 26	0.1382	0.1372	0.13770	0.36	0.00050
27 28	0.0969	0.0969	0.09690	0.00	0.00000
29 30	0.1890	0.1929	0.19095	1.02	0.00195
32 33	0.1033	0.1030	0.10315	0.15	0.00015
34 35	0.1007	0.0995	0.10010	0.60	0.00060
36 37	0.2148	0.2112	0.21300	0.85	0.00180
38 39	0.2271	0.2251	0.22610	0.44	0.00100
40 41	0.2296	0.2280	0.22880	0.35	0.00080
43 44	0.2115	0.2105	0.21100	0.24	0.00050
45 46	0.1382	0.1363	0.13725	0.69	0.00095
47 48	0.1153	0.1137	0.11450	0.70	0.00080
49 50	0.1679	0.1669	0.16740	0.30	0.00050
51 52	0.1609	0.1611	0.16100	0.06	0.00010

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

# Scottsdale Forensic Lab

## Blood Alcohol Pipetting Log

ANALYST: Canonico *cc*

SEQUENCE: 15Dec22

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	2221570-3	2221570-3	2221570-3	Yes
Vials 12 and 13	2223262-3	2223262-3	2223262-3	Yes
Vials 14 and 15	2223319-2	2223319-2	2223319-2	Yes
Vials 16 and 17	353-01V.K.	353-01V.K.	353-01V.K.	Yes
Vials 18 and 19	326-01L.R.	326-01L.R.	326-01L.R.	Yes
Vials 21 and 22	390-01T.T.	390-01T.T.	390-01T.T.	Yes
Vials 23 and 24	327-01D.H.	327-01D.H.	327-01D.H.	Yes
Vials 25 and 26	327-01E.P.	327-01E.P.	327-01E.P.	Yes
Vials 27 and 28	353-01C.H.	353-01C.H.	353-01C.H.	Yes
Vials 29 and 30	2221500-3	2221500-3	2221500-3	Yes
Vials 32 and 33	2223593-1	2223593-1	2223593-1	Yes
Vials 34 and 35	2223317-3	2223317-3	2223317-3	Yes
Vials 36 and 37	2223244-2	2223244-2	2223244-2	Yes
Vials 38 and 39	2223177-2	2223177-2	2223177-2	Yes
Vials 40 and 41	2223320-2	2223320-2	2223320-2	Yes
Vials 43 and 44	2222485-2	2222485-2	2222485-2	Yes
Vials 45 and 46	2222925-3	2222925-3	2222925-3	Yes
Vials 47 and 48	2223371-2	2223371-2	2223371-2	Yes
Vials 49 and 50	2223446-3	2223446-3	2223446-3	Yes
Vials 51 and 52	1422164	1422164	1422164	Yes

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221570-3	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 11:31:38 AM
Data file:	C:\Chem32\1\Data\15Dec22\10.D	Analyst:	Canonico

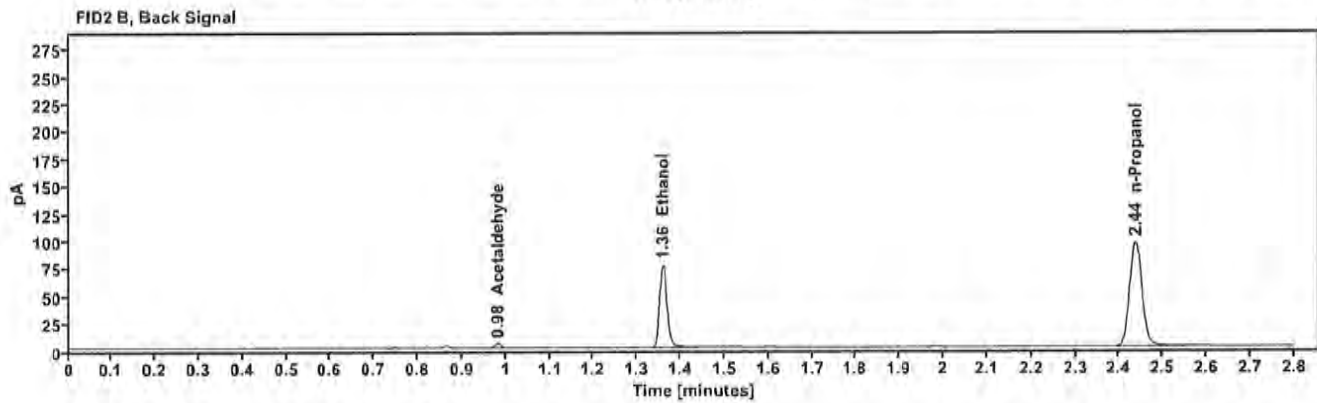
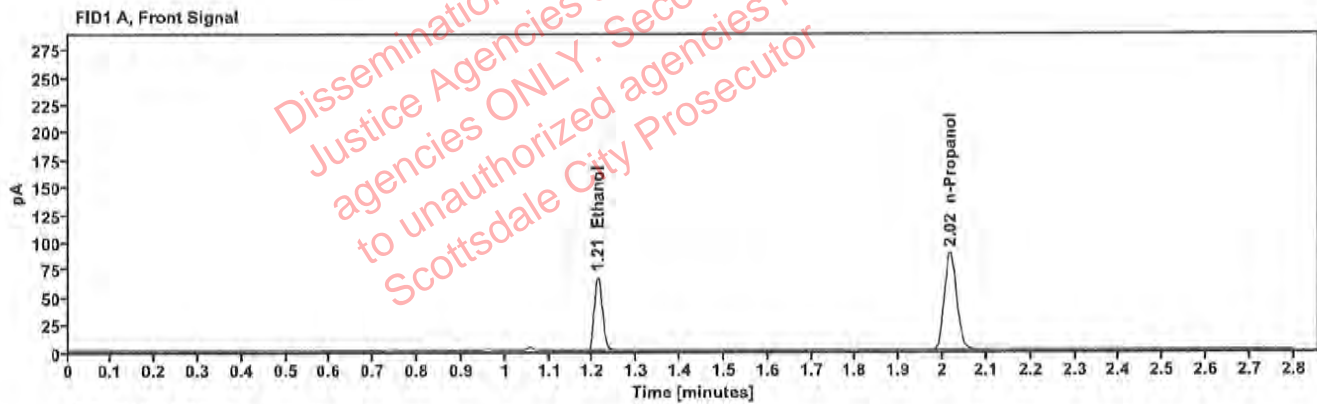


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1365	1.211	84.844
n-Propanol	---	2.017	175.806

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	3.759
Ethanol	1.359	92.222
n-Propanol	2.437	190.336

[REDACTED]: Canonico, Erika - (15-Dec-2022)

Case: [REDACTED] User: ecanonico 12/15/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221570-3	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 11:35:38 AM
Data file:	C:\Chem32\1\Data\15Dec22\11.D	Analyst:	Canonico

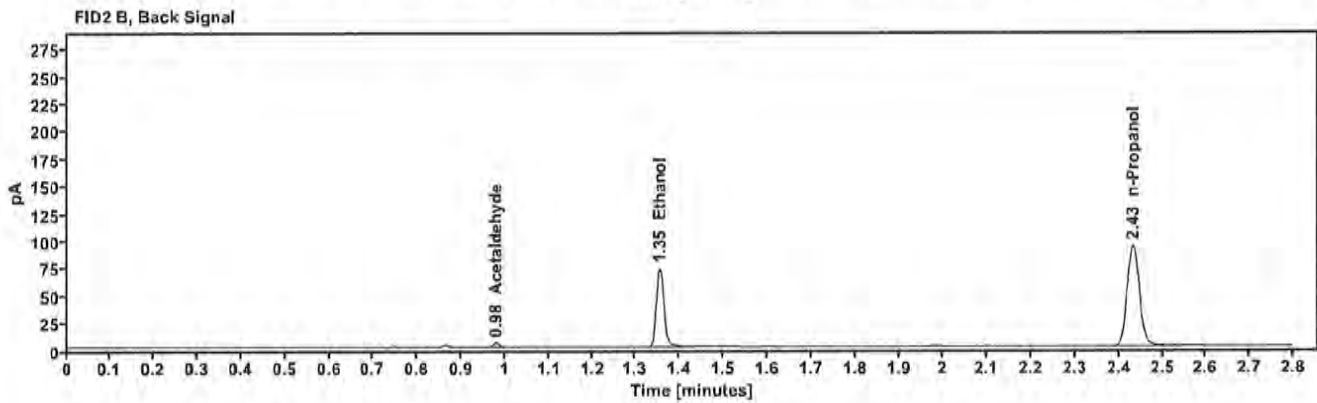
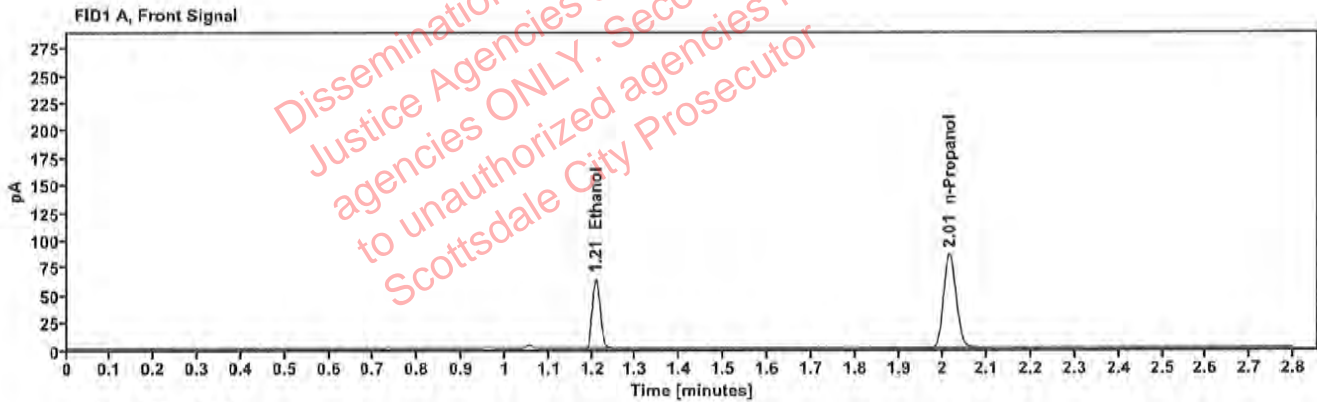


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1334	1.209	80.367
n-Propanol	---	2.014	170.517

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.979	3.889
Ethanol	1.354	87.259
n-Propanol	2.432	184.645



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223262-3	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 11:39:39 AM
Data file:	C:\Chem32\1\Data\15Dec22\12.D	Analyst:	Canonico

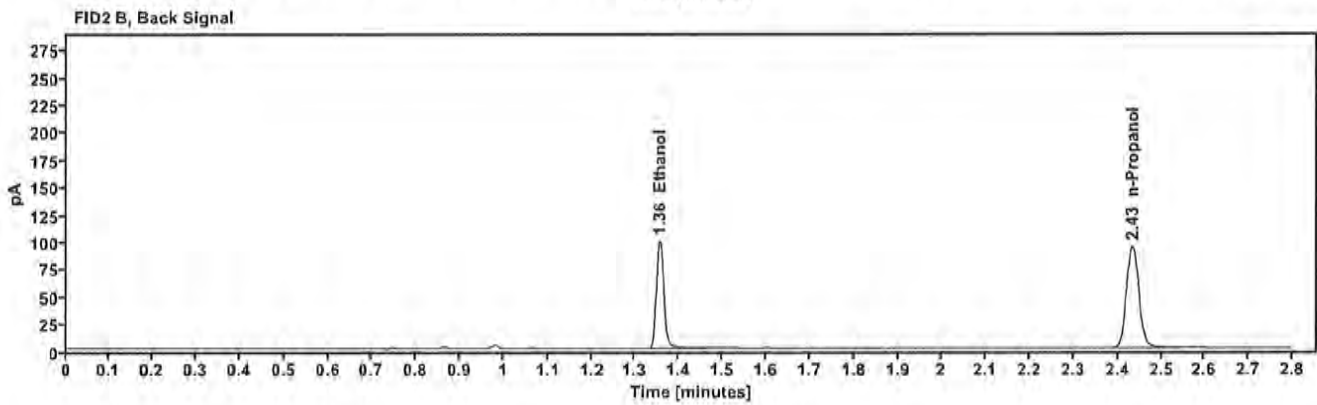
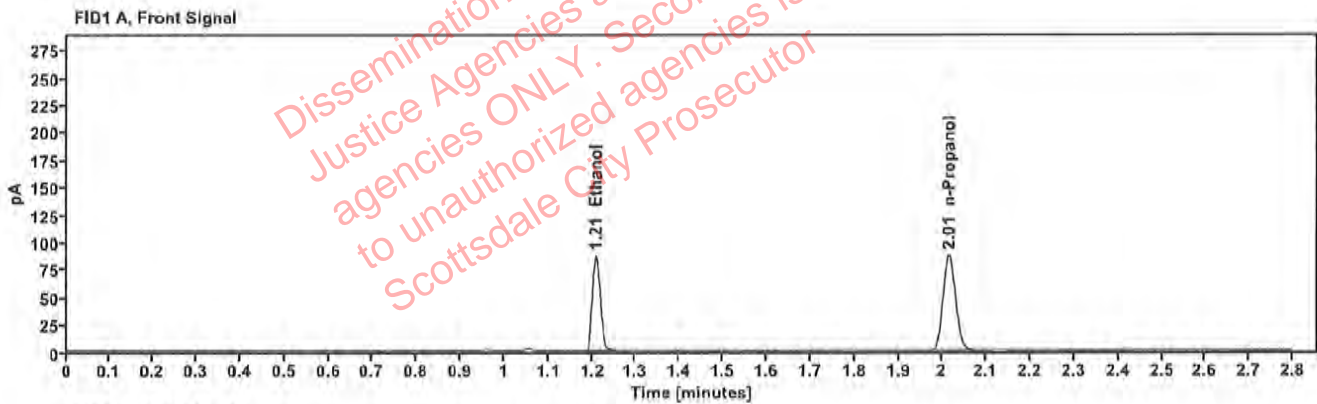


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1787	1.209	109.619
n-Propanol	-----	2.015	173.085

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

Compound	Time (min)	Peak Area
Ethanol	1.355	119.916
n-Propanol	2.433	186.977

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 2223262-3	Vial: 13
Description: [REDACTED]	LIMS ID: [REDACTED]
Method: ethanol quant.M	Sequence: 15Dec22
Instrument: US14173023 CN14160045	Injection date: 12/15/2022 11:43:53 AM
Data file: C:\Chem32\1\Data\15Dec22\13.D	Analyst: Canonico

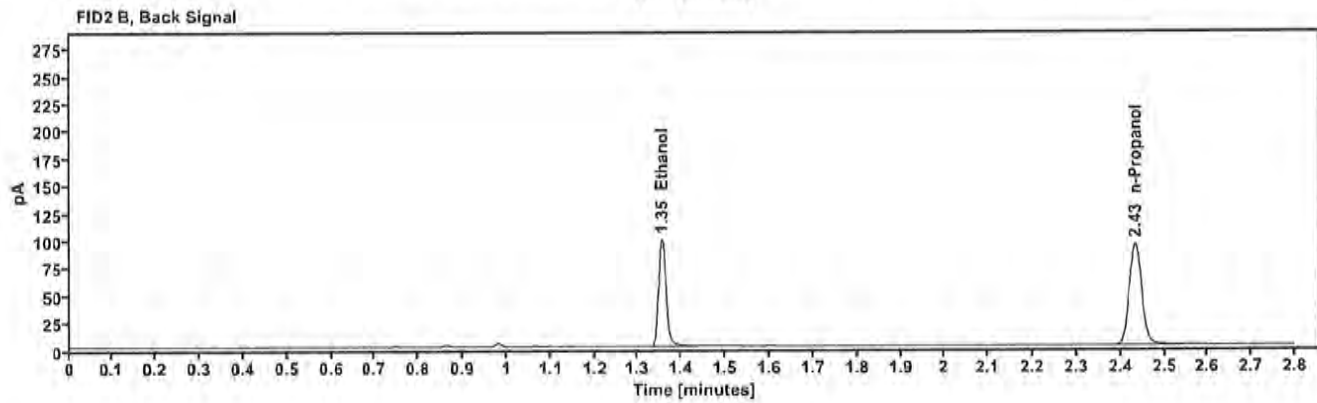
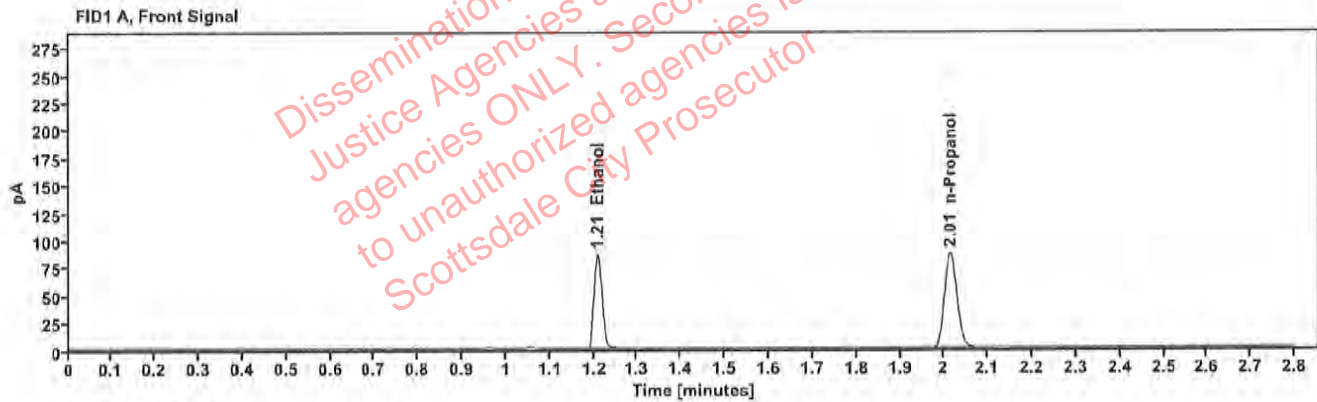


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1781	1.209	108.747
n-Propanol	---	2.014	172.294

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

Compound	Time (min)	Peak Area
Ethanol	1.355	118.405
n-Propanol	2.433	186.123

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223319-2	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 11:47:53 AM
Data file:	C:\Chem32\1\Data\15Dec22\14.D	Analyst:	Canonico

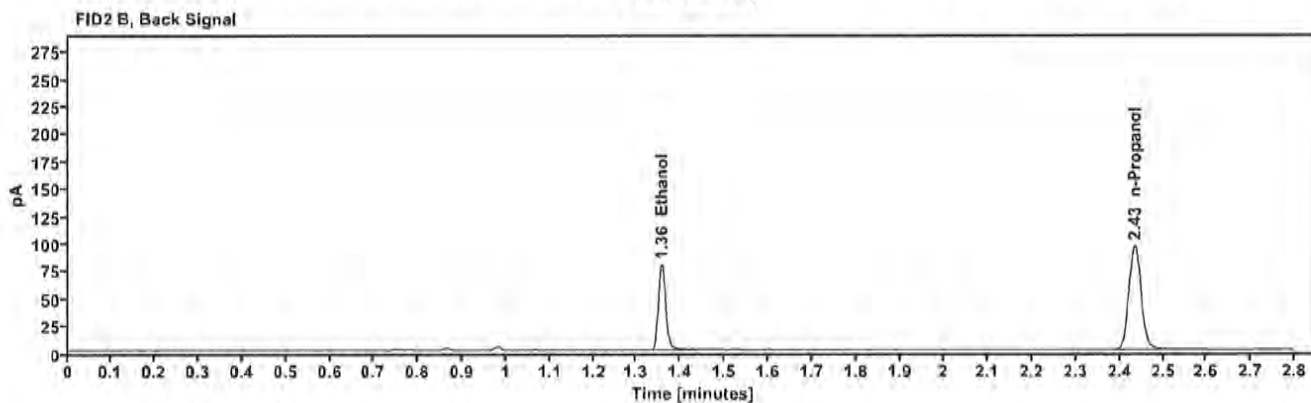
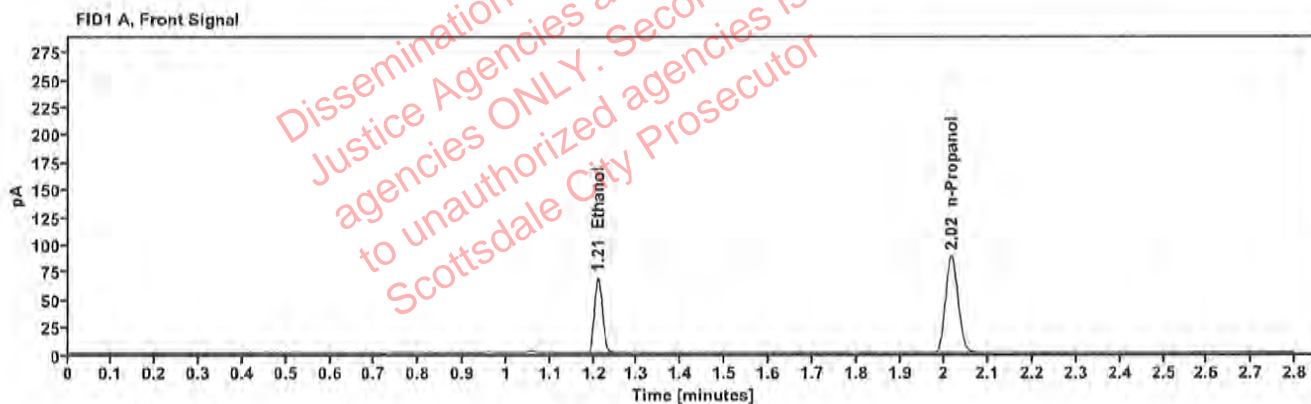


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1405	1.210	87.071
n-Propanol	-----	2.015	175.225

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

Compound	Time (min)	Peak Area
Ethanol	1.356	94.730
n-Propanol	2.434	189.573

: Canonico, Erika - (15-Dec-2022)

Case: [REDACTED] User: ecanonico 12/15/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223319-2	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 11:51:53 AM
Data file:	C:\Chem32\1\Data\15Dec22\15.D	Analyst:	Canonico

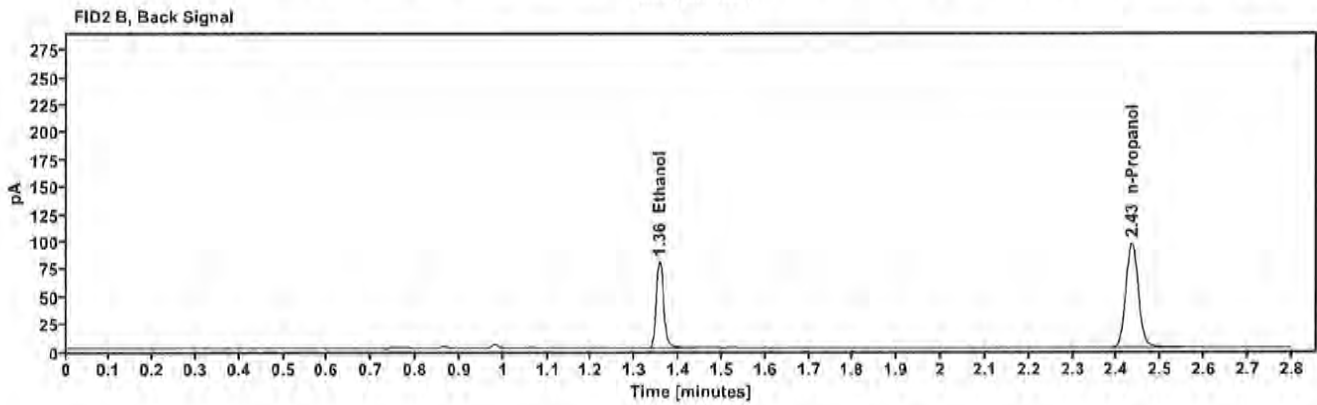
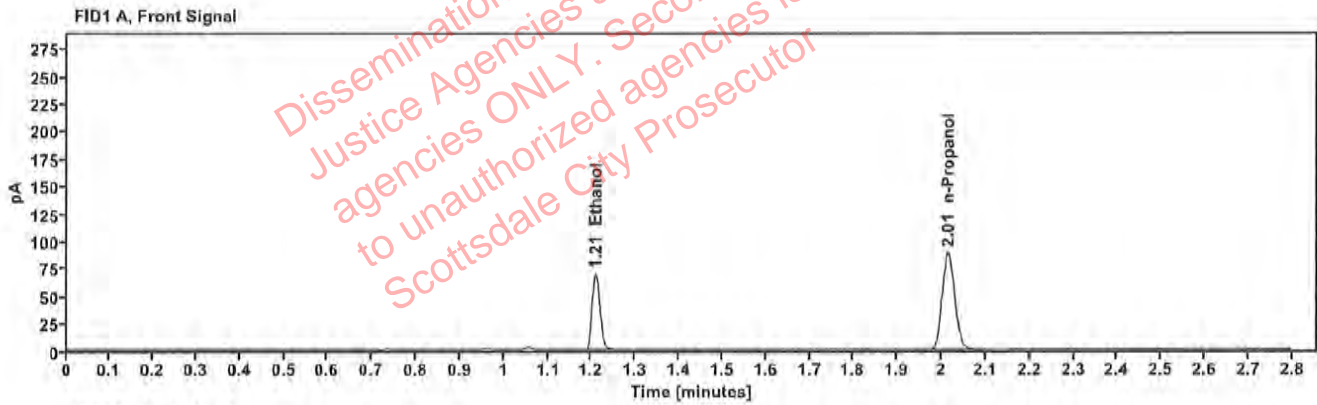


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1402	1.209	87.409
n-Propanol	---	2.015	176.319

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

Compound	Time (min)	Peak Area
Ethanol	1.356	95.079
n-Propanol	2.433	190.651

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01V.K.	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 11:55:53 AM
Data file:	C:\Chem32\1\Data\15Dec22\16.D	Analyst:	Canonico

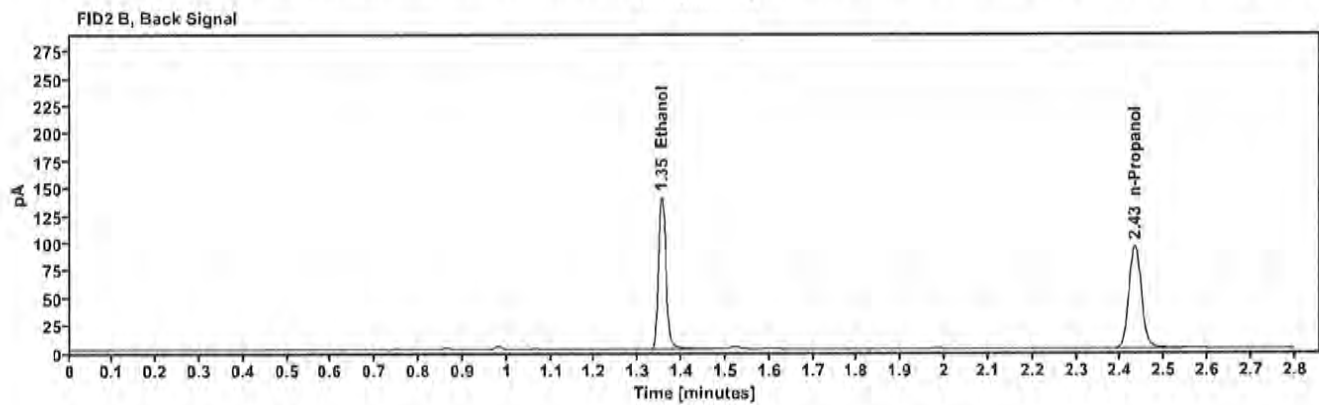
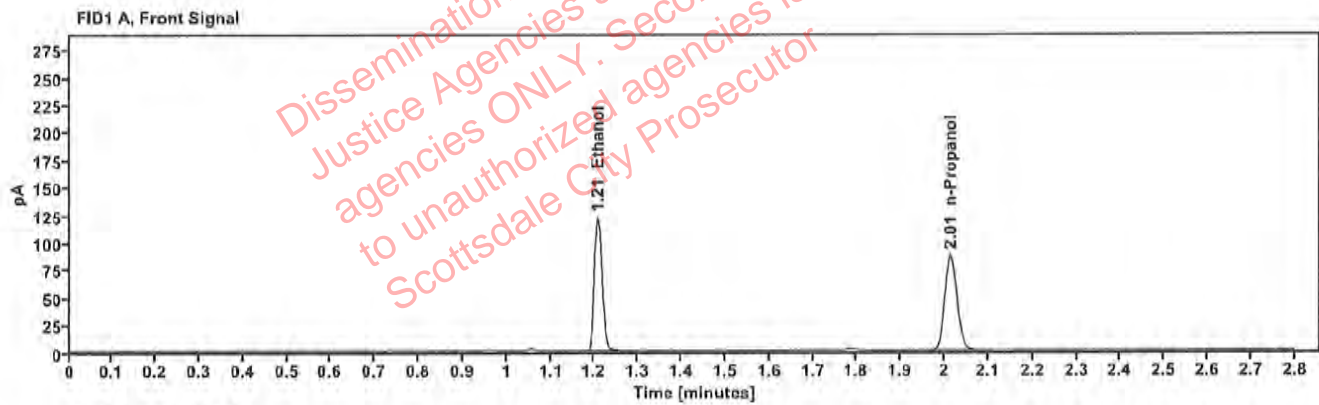


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2494	1.208	153.567
n-Propanol	—	2.014	173.357

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

Compound	Time (min)	Peak Area
Ethanol	1.354	168.107
n-Propanol	2.432	187.367

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01V.K.	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 11:59:53 AM
Data file:	C:\Chem32\1\Data\15Dec22\17.D	Analyst:	Canonico

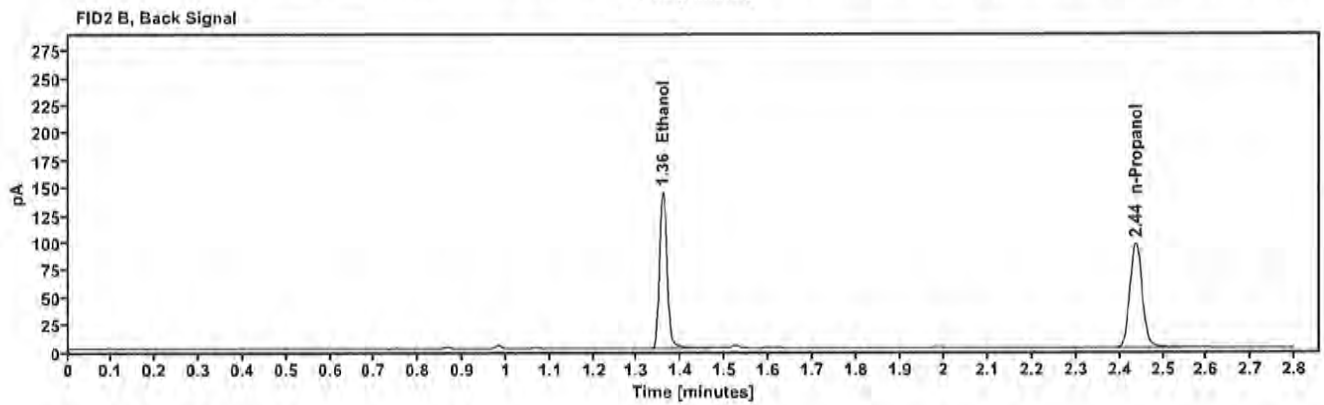
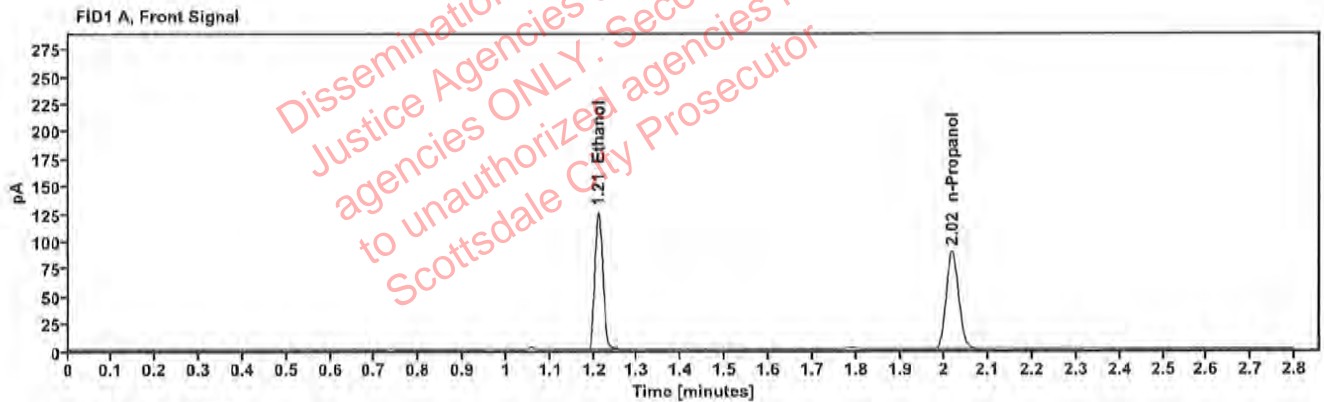


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2540	1.210	159.868
n-Propanol	---	2.017	177.179

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

Compound	Time (min)	Peak Area
Ethanol	1.358	174.816
n-Propanol	2.436	191.298

Case: [REDACTED] : Canonico, Erika - (15-Dec-2022)

User: ecanonico 12/15/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	326-01L.R.	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 12:03:54 PM
Data file:	C:\Chem32\1\Data\15Dec22\18.D	Analyst:	Canonico

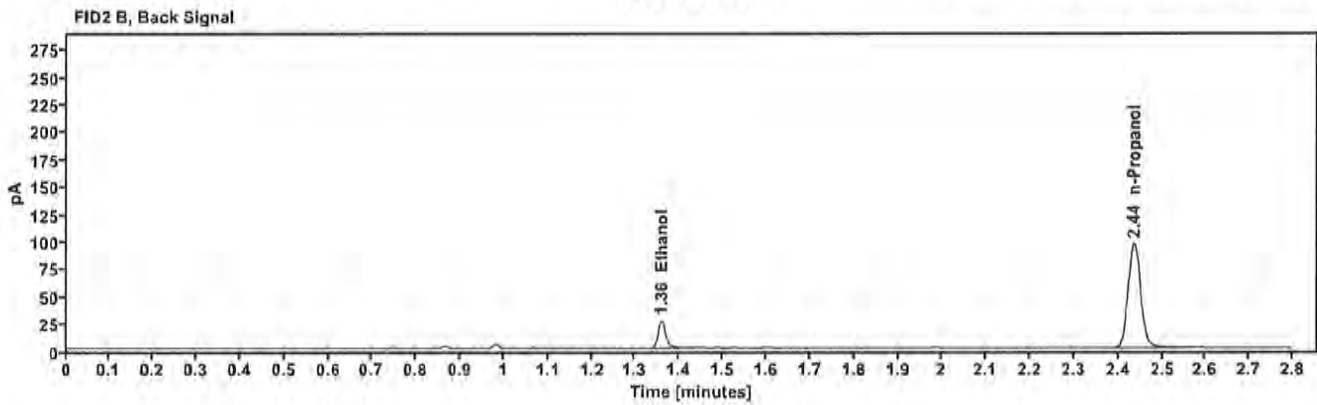
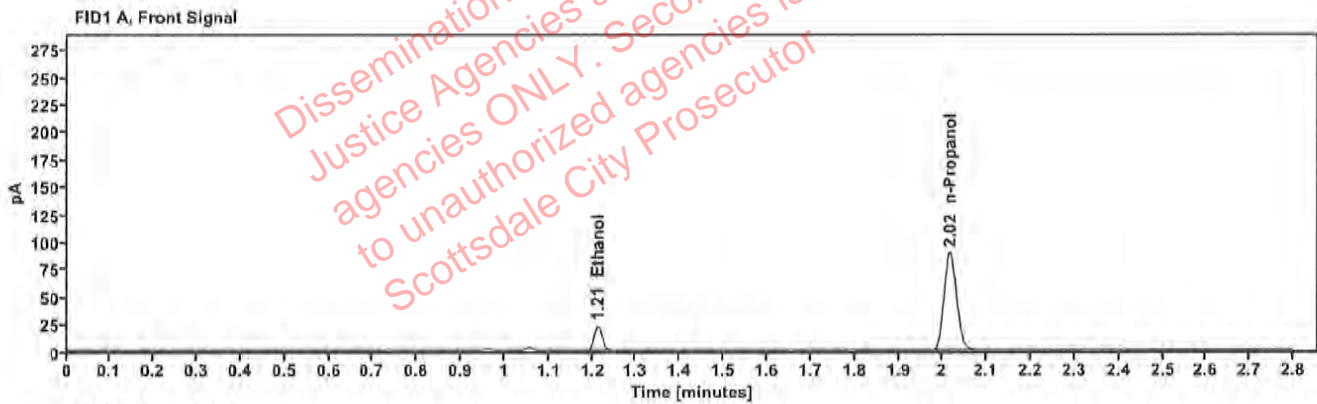


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0471	1.212	28.701
n-Propanol	---	2.016	176.308

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

Compound	Time (min)	Peak Area
Ethanol	1.359	31.677
n-Propanol	2.436	190.831

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	326-01L.R.	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 12:08:08 PM
Data file:	C:\Chem32\1\Data\15Dec22\19.D	Analyst:	Canonico

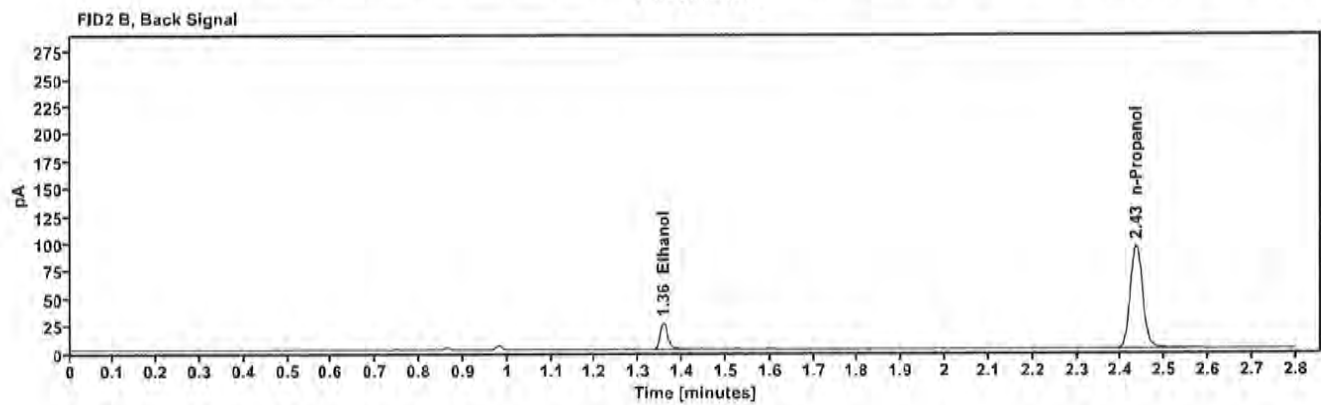
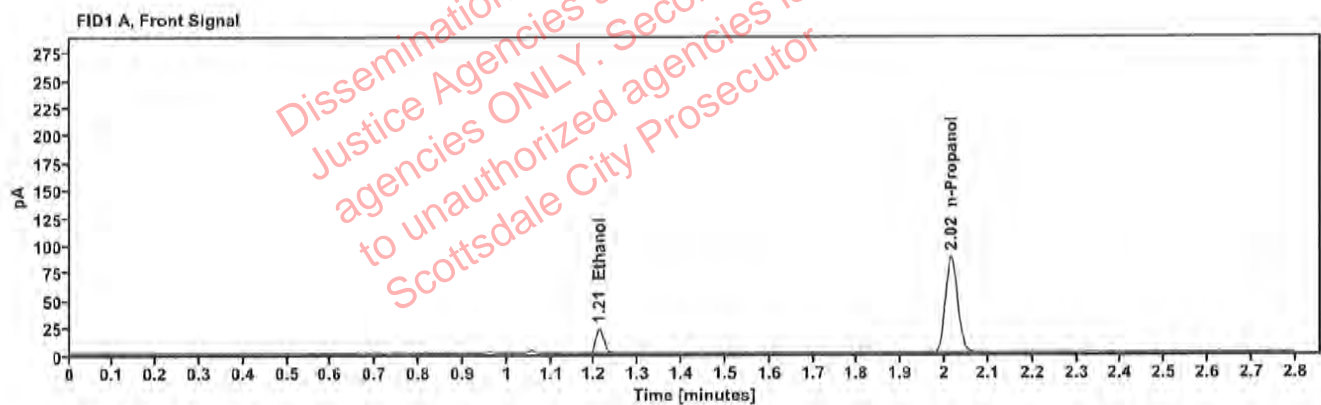


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0467	1.211	28.174
n-Propanol	---	2.015	174.246

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

Compound	Time (min)	Peak Area
Ethanol	1.357	30.866
n-Propanol	2.434	188.781



Case: [REDACTED] : Canonico, Erika - (15-Dec-2022)

User: ecanonico 12/15/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	390-01T.T.	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 12:16:09 PM
Data file:	C:\Chem32\1\Data\15Dec22\21.D	Analyst:	Canonico

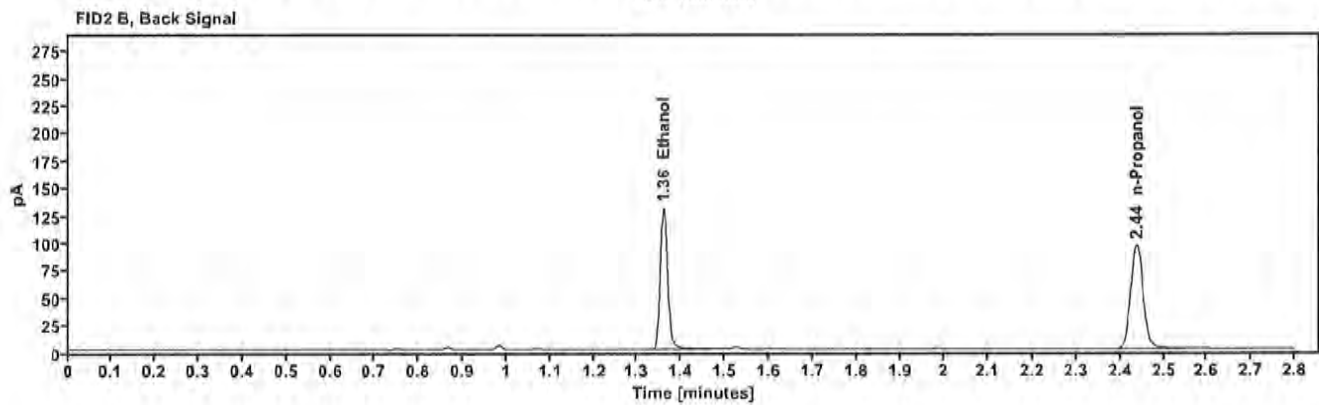
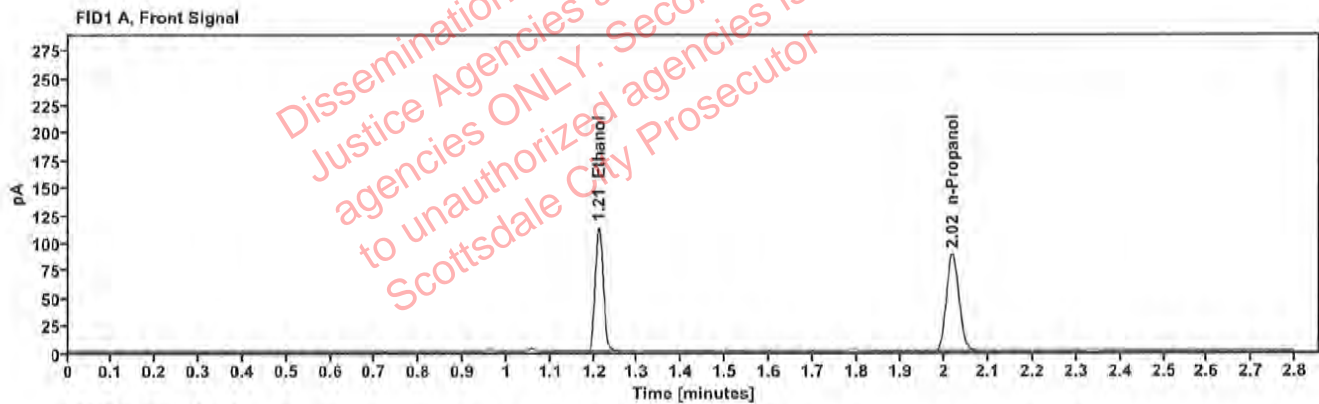


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2315	1.211	144.331
n-Propanol	-----	2.017	175.584

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

Compound	Time (min)	Peak Area
Ethanol	1.360	157.755
n-Propanol	2.437	189.587

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	390-01T.T.	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 12:20:08 PM
Data file:	C:\Chem32\1\Data\15Dec22\22.D	Analyst:	Canonico

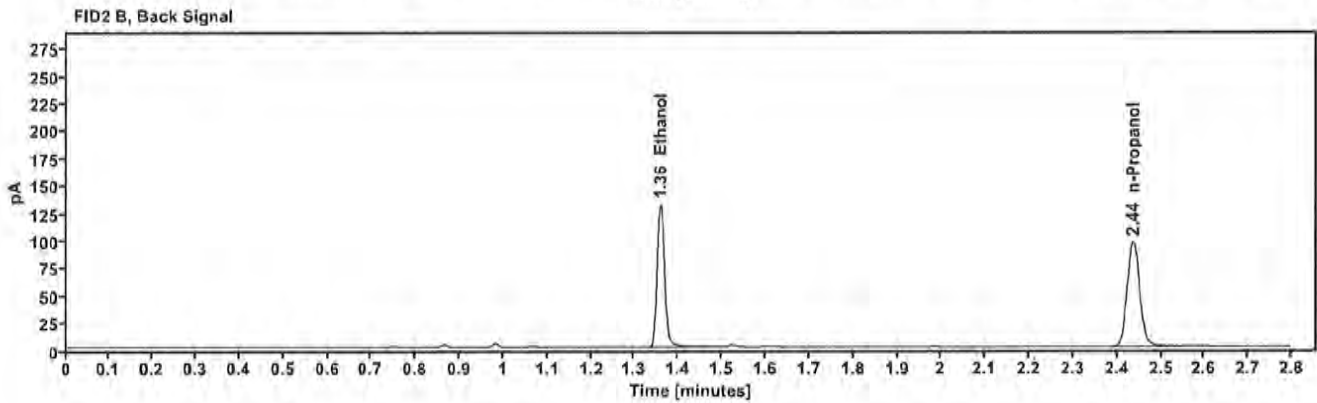
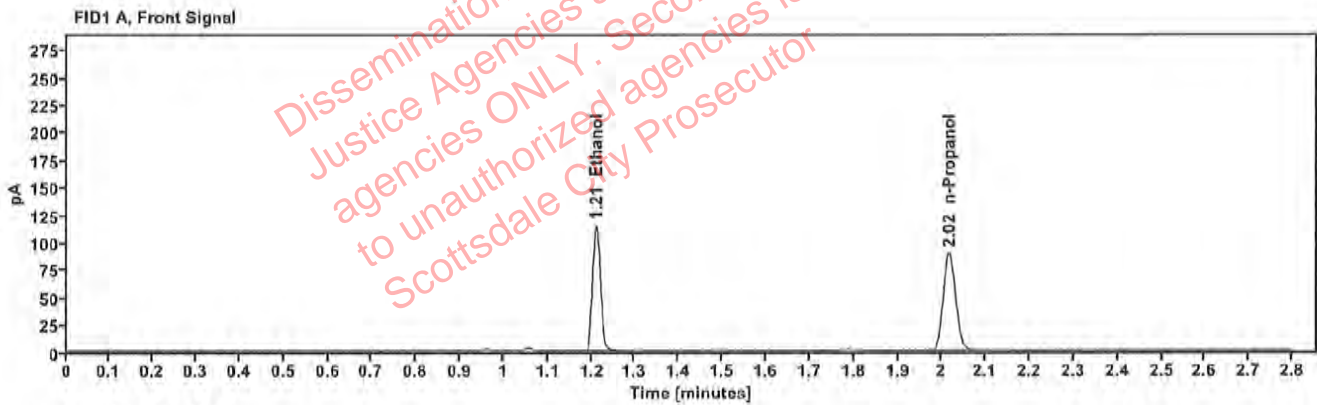


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2317	1.211	146.159
n-Propanol	—	2.017	177.669

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

Compound	Time (min)	Peak Area
Ethanol	1.359	159.875
n-Propanol	2.437	191.939

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01D.H.	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 12:24:08 PM
Data file:	C:\Chem32\1\Data\15Dec22\23.D	Analyst:	Canonico

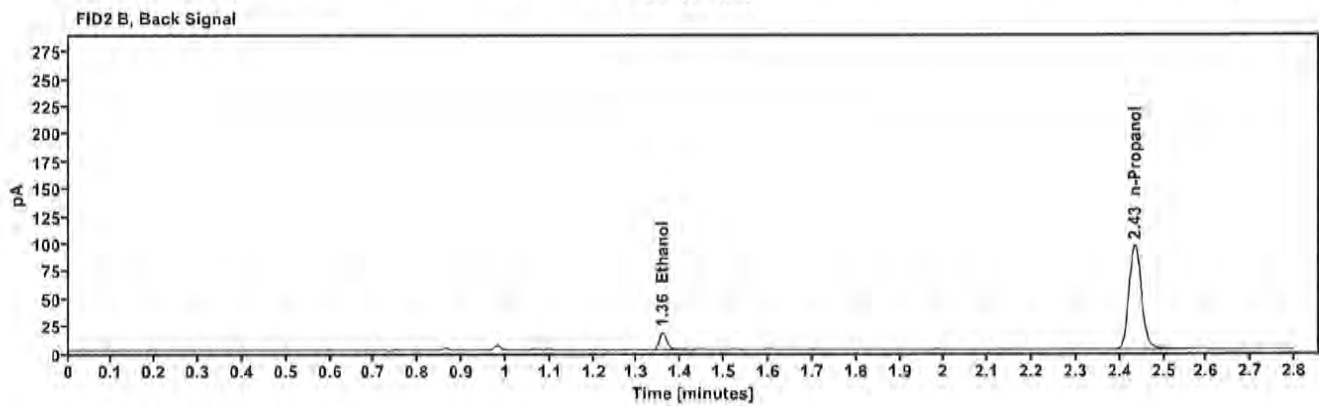
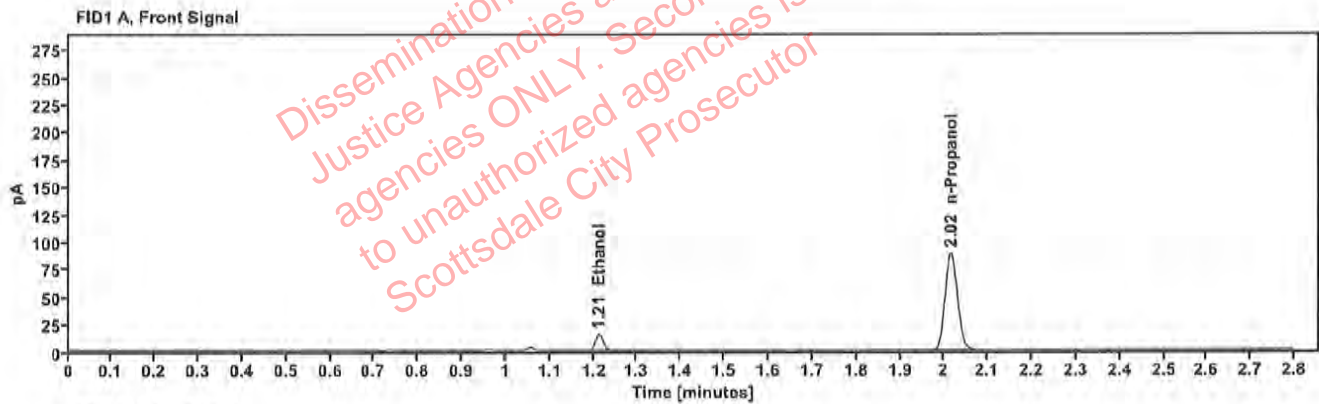


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0307	1.212	18.262
n-Propanol	—	2.015	175.223

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

Compound	Time (min)	Peak Area
Ethanol	1.358	20.076
n-Propanol	2.434	189.916

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01D.H.	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 12:28:08 PM
Data file:	C:\Chem32\1\Data\15Dec22\24.D	Analyst:	Canonico

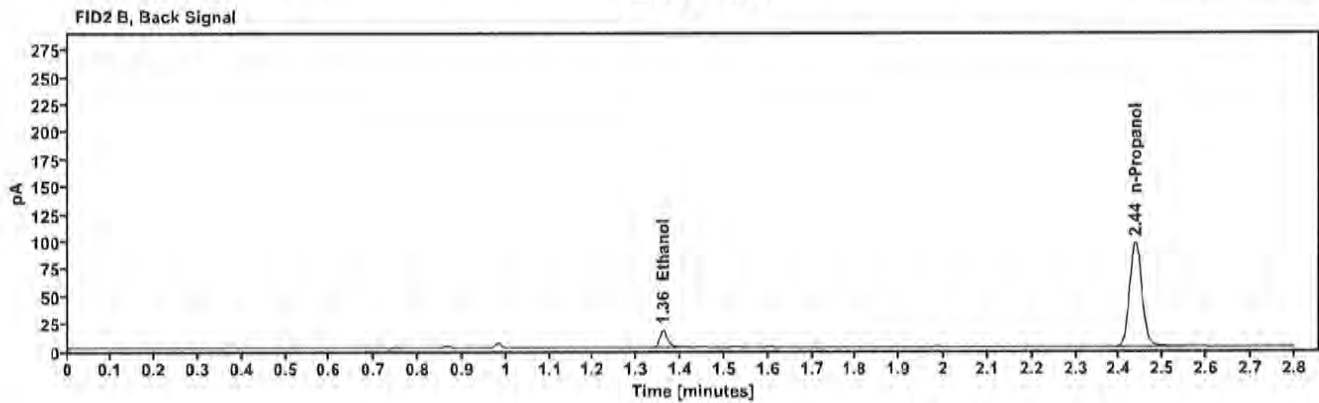
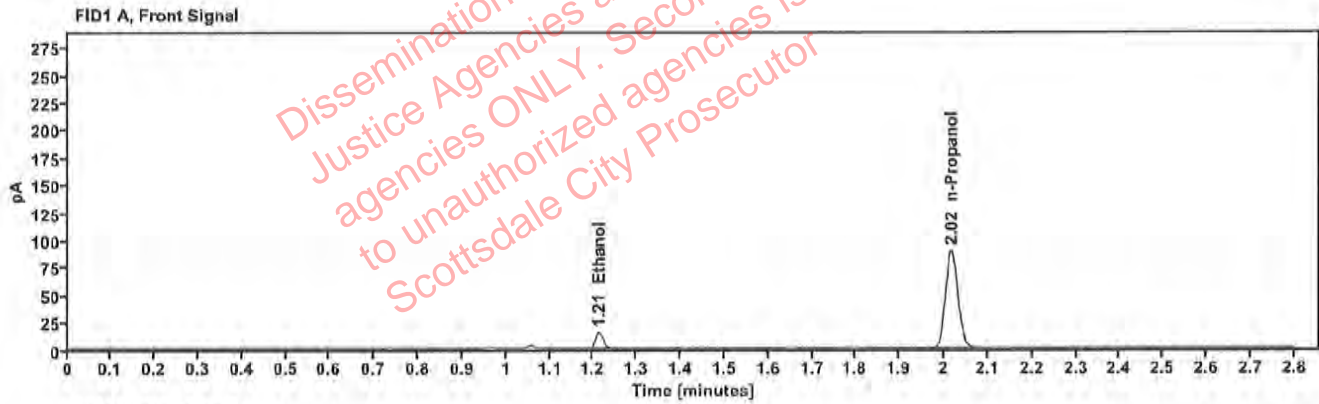


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0306	1.213	18.421
n-Propanol	-----	2.017	177.006

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

Compound	Time (min)	Peak Area
Ethanol	1.360	20.235
n-Propanol	2.437	191.706

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01E.P.	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 12:32:23 PM
Data file:	C:\Chem32\1\Data\15Dec22\25.D	Analyst:	Canonico

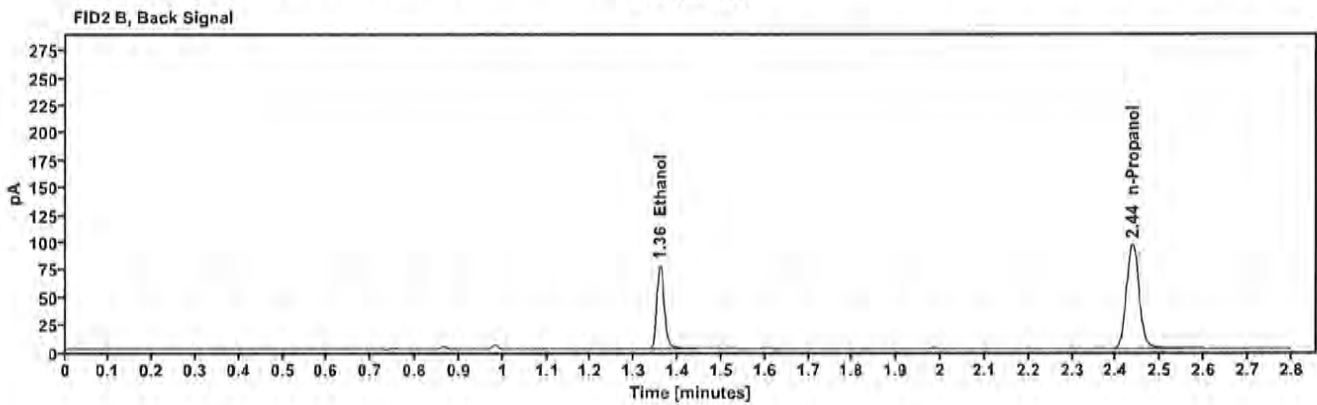
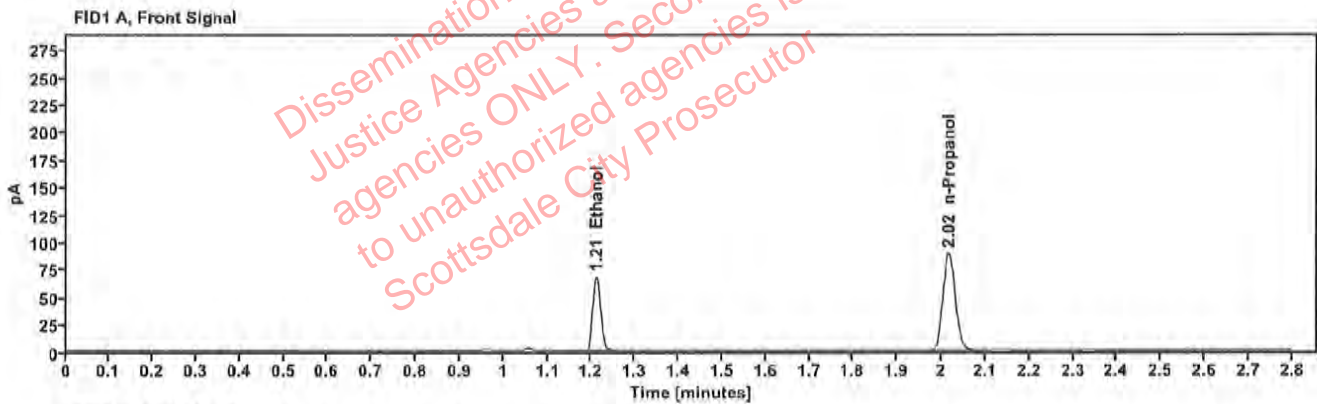


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1382	1.211	86.259
n-Propanol	—	2.017	176.617

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

Compound	Time (min)	Peak Area
Ethanol	1.359	93.648
n-Propanol	2.436	190.969

██████████: Canonico, Erika - (15-Dec-2022)

Case: ██████████ User: ecanonico 12/15/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01E.P.	Vial:	26
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 12:36:24 PM
Data file:	C:\Chem32\1\Data\15Dec22\26.D	Analyst:	Canonico

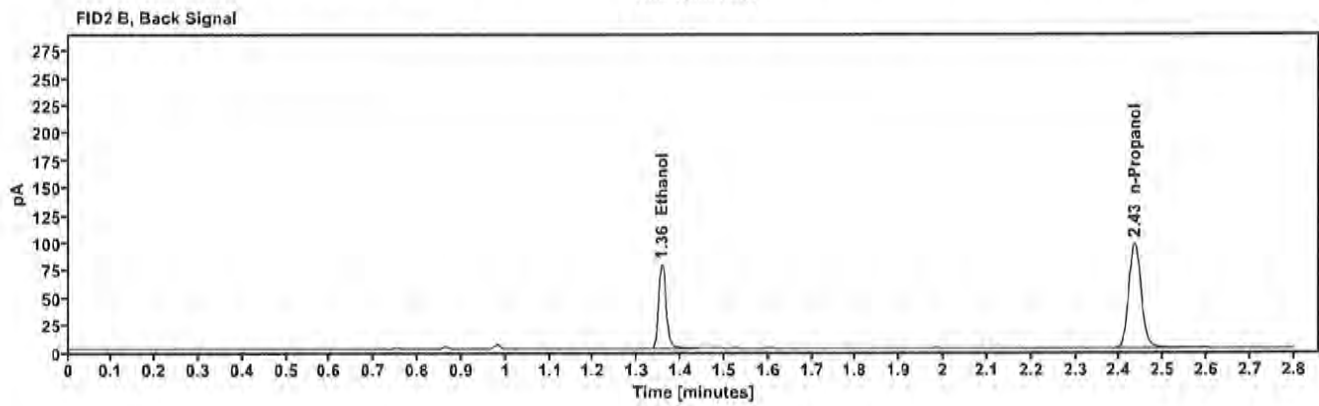
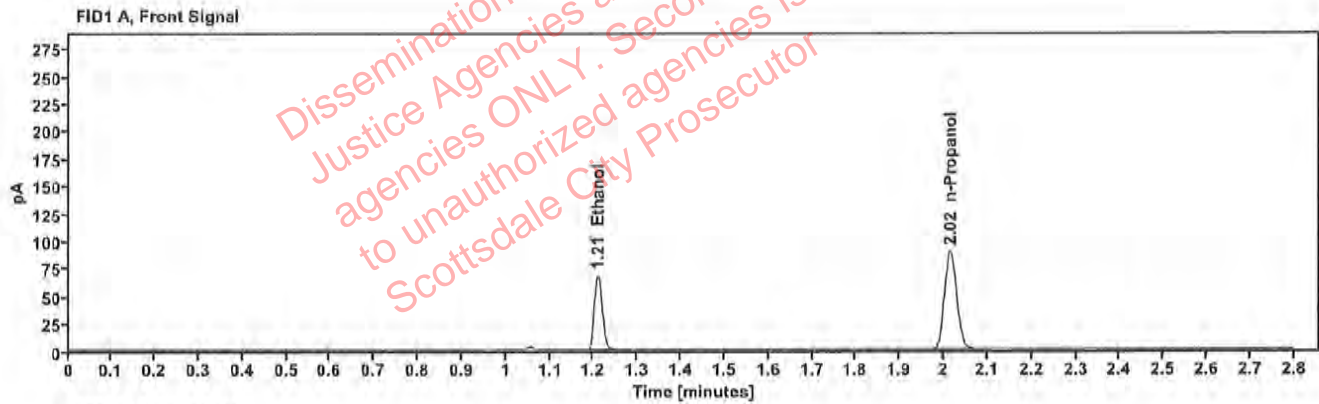


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1372	1.210	86.318
n-Propanol	---	2.015	178.027

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

Compound	Time (min)	Peak Area
Ethanol	1.356	94.026
n-Propanol	2.434	192.571

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01C.H.	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 12:40:23 PM
Data file:	C:\Chem32\1\Data\15Dec22\27.D	Analyst:	Canonico

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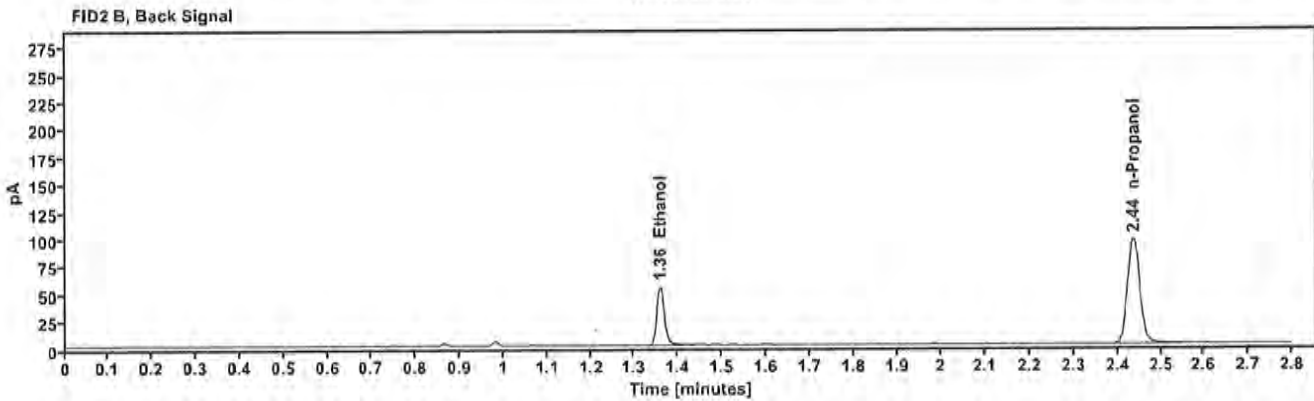
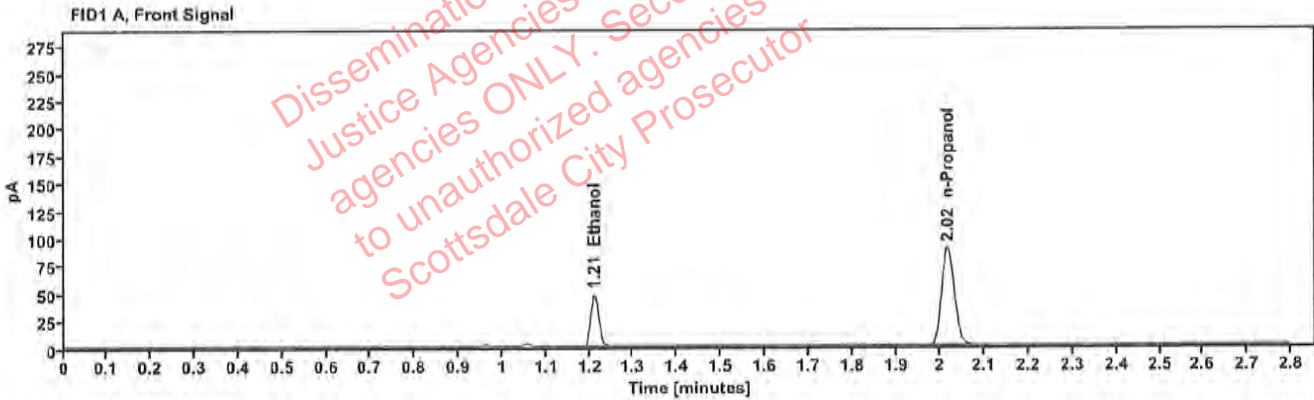


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0969	1.211	60.516
n-Propanol	-----	2.016	177.544

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

Compound	Time (min)	Peak Area
Ethanol	1.359	65.470
n-Propanol	2.436	191.955

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01C.H.	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 12:44:24 PM
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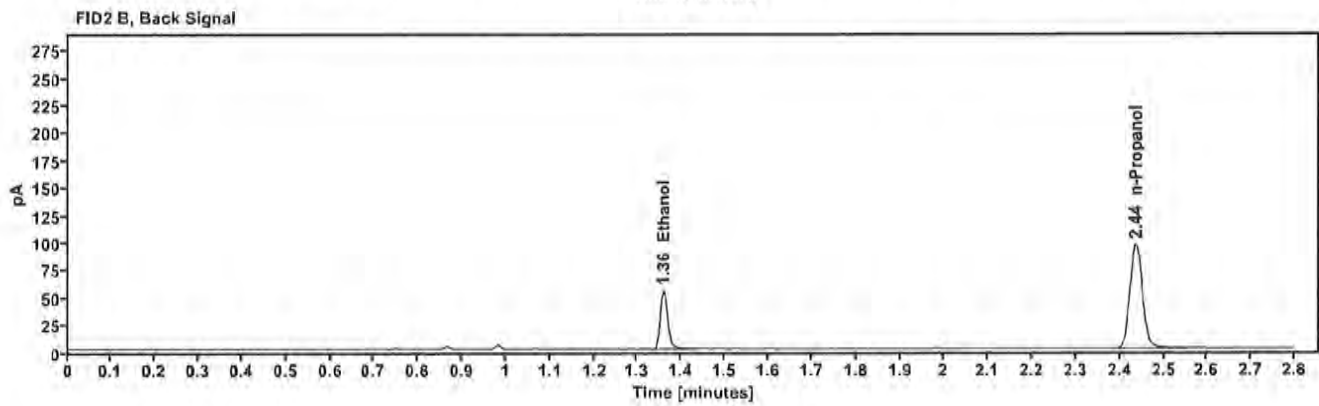
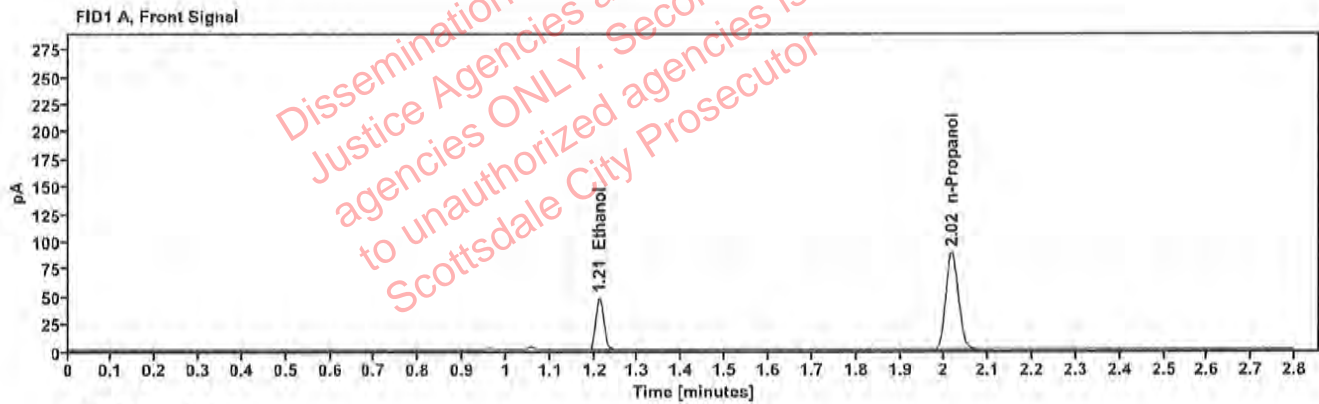


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0969	1.212	60.044
n-Propanol	-----	2.017	176.079

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

Compound	Time (min)	Peak Area
Ethanol	1.359	65.016
n-Propanol	2.436	190.540



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221500-3	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 12:48:23 PM
Data file:	C:\Chem32\1\Data\15Dec22\29.D	Analyst:	Canonico

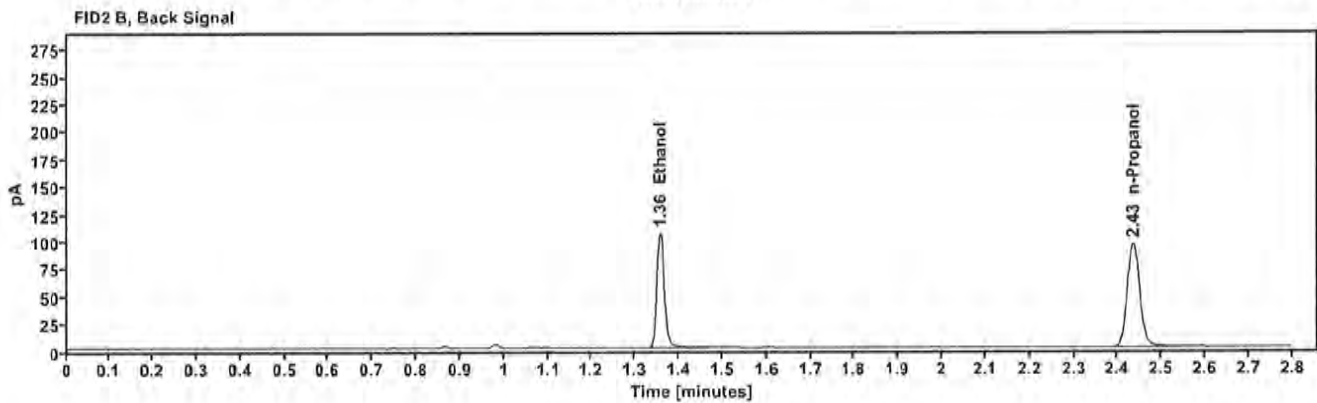
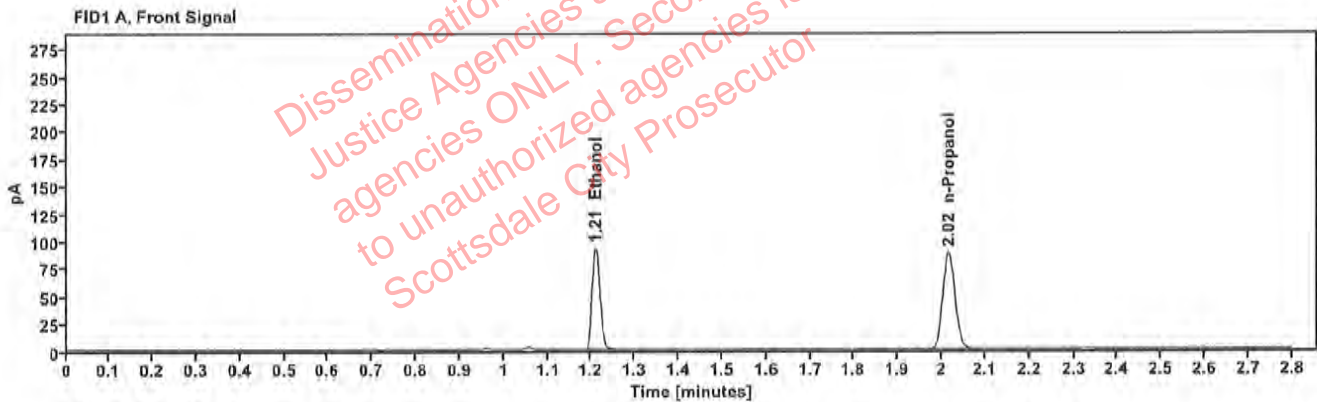


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1890	1.210	117.452
n-Propanol	---	2.016	175.296

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

Compound	Time (min)	Peak Area
Ethanol	1.357	128.513
n-Propanol	2.435	189.331

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221500-3	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14180045	Injection date:	12/15/2022 12:52:24 PM
Data file:	C:\Chem32\1\Data\15Dec22\30.D	Analyst:	Canonico

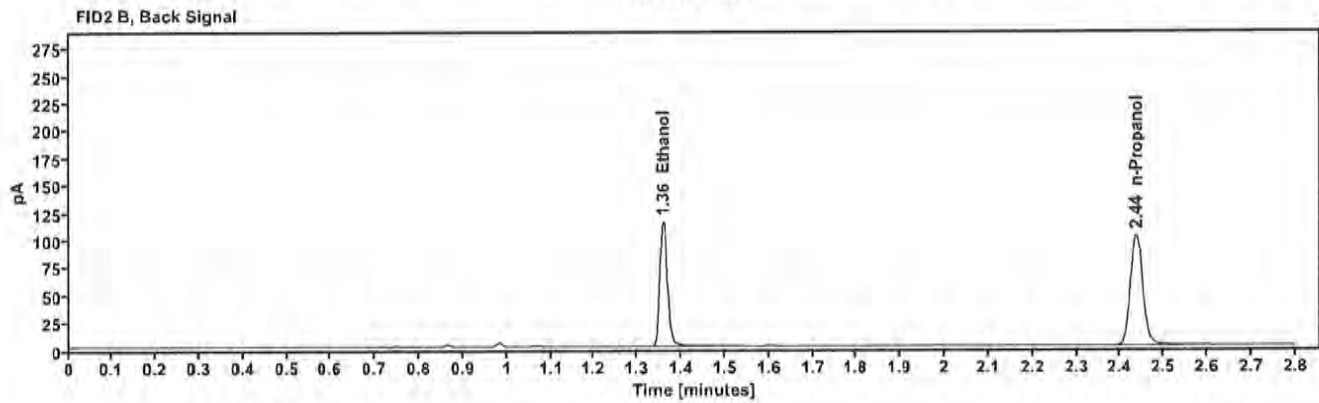
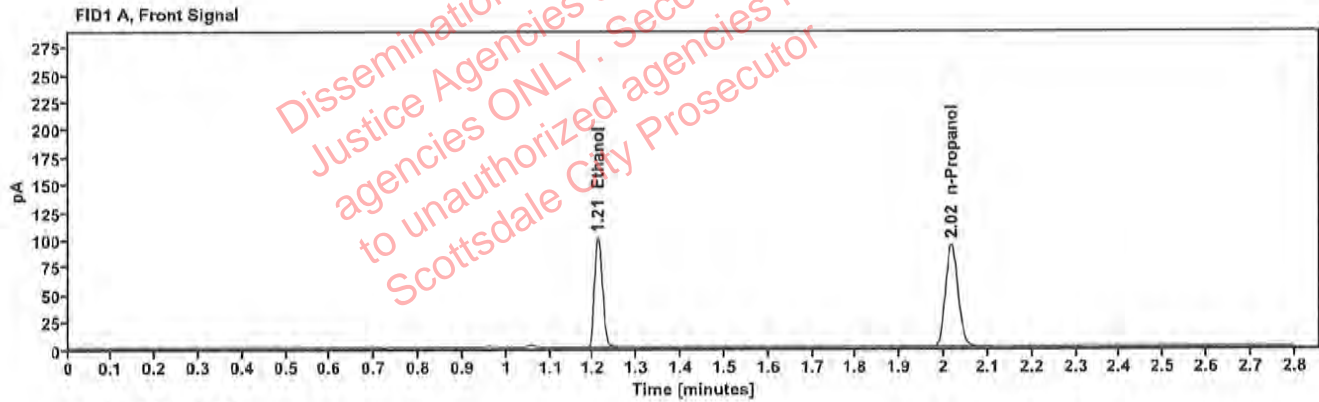


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1929	1.211	127.446
n-Propanol	---	2.016	186.338

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

Compound	Time (min)	Peak Area
Ethanol	1.359	139.412
n-Propanol	2.436	201.241

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223593-1	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14180045	Injection date:	12/15/2022 1:00:39 PM
Data file:	C:\Chem32\1\Data\15Dec22\32.D	Analyst:	Canonico

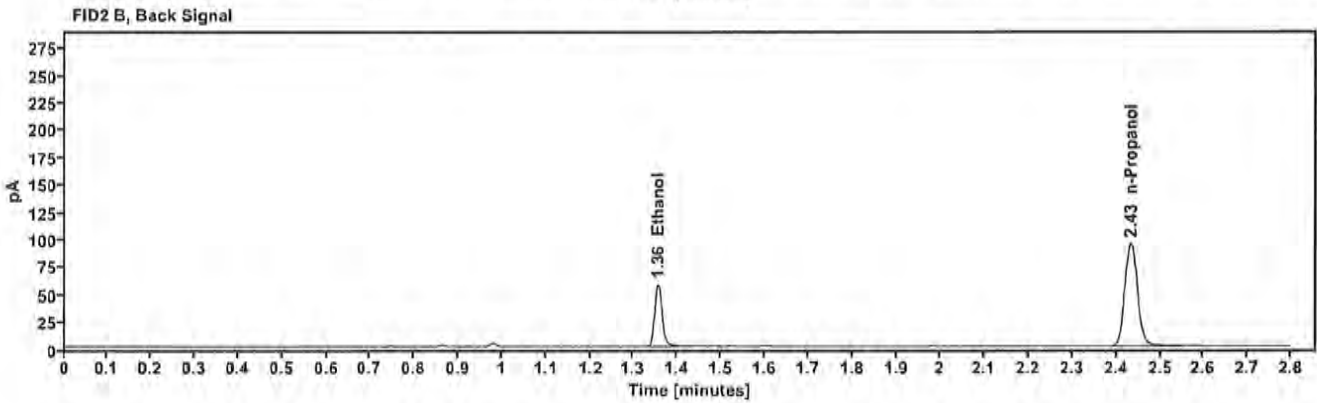
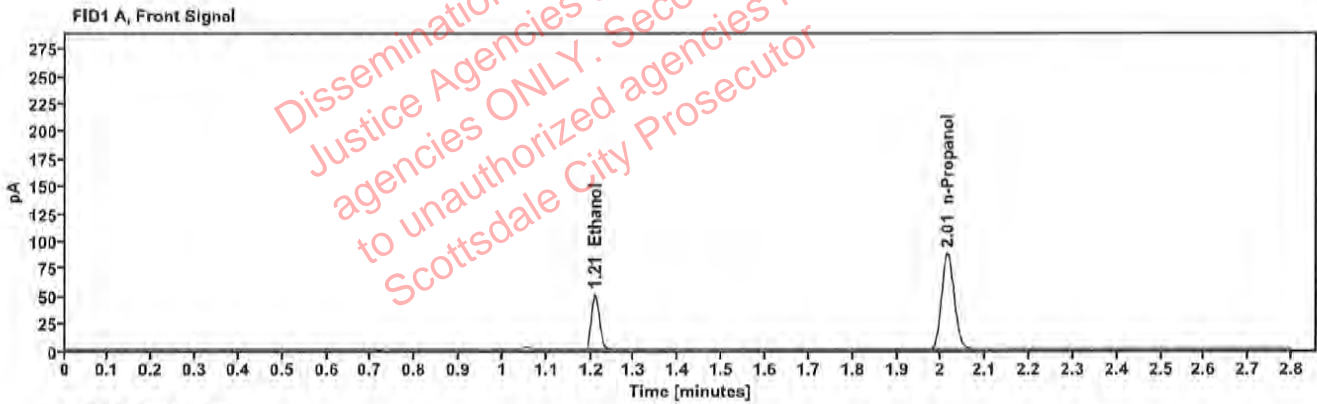


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1033	1.209	63.336
n-Propanol	—	2.014	174.175

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

Compound	Time (min)	Peak Area
Ethanol	1.355	68.608
n-Propanol	2.433	188.585

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223593-1	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:04:38 PM
Data file:	C:\Chem32\1\Data\15Dec22\33.D	Analyst:	Canonico

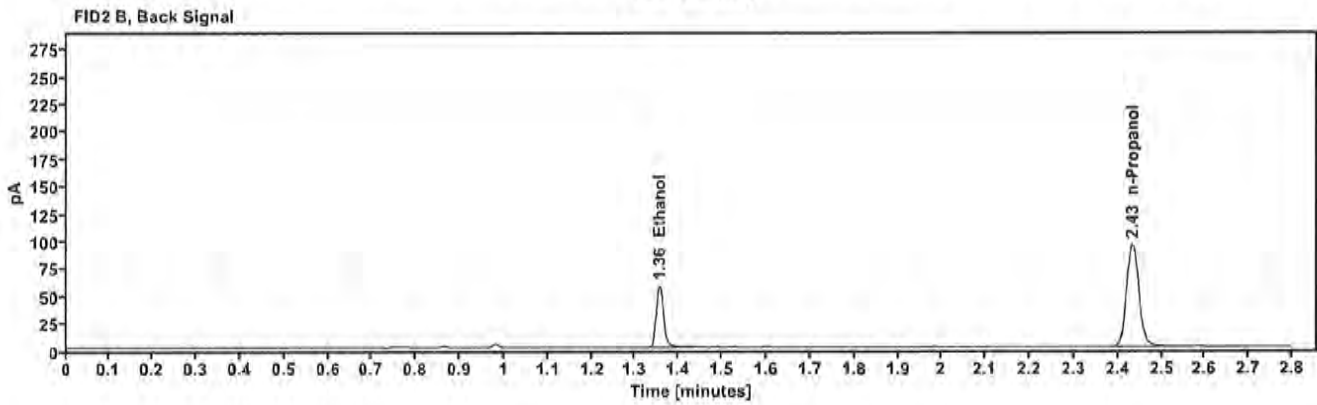
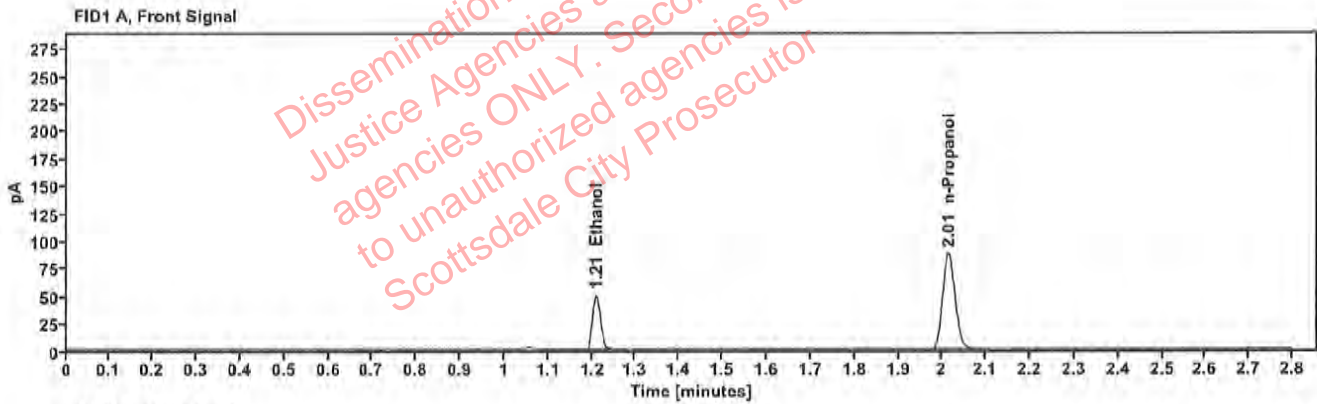


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1030	1.209	63.120
n-Propanol	---	2.015	173.932

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

Compound	Time (min)	Peak Area
Ethanol	1.355	68.431
n-Propanol	2.433	188.258

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223317-3	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:08:38 PM
Data file:	C:\Chem32\1\Data\15Dec22\34.D	Analyst:	Canonico

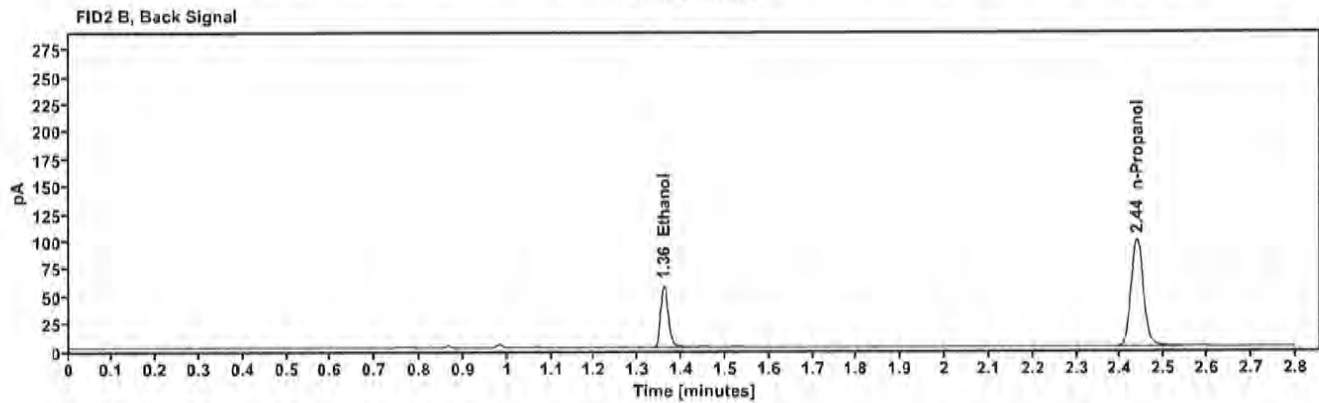
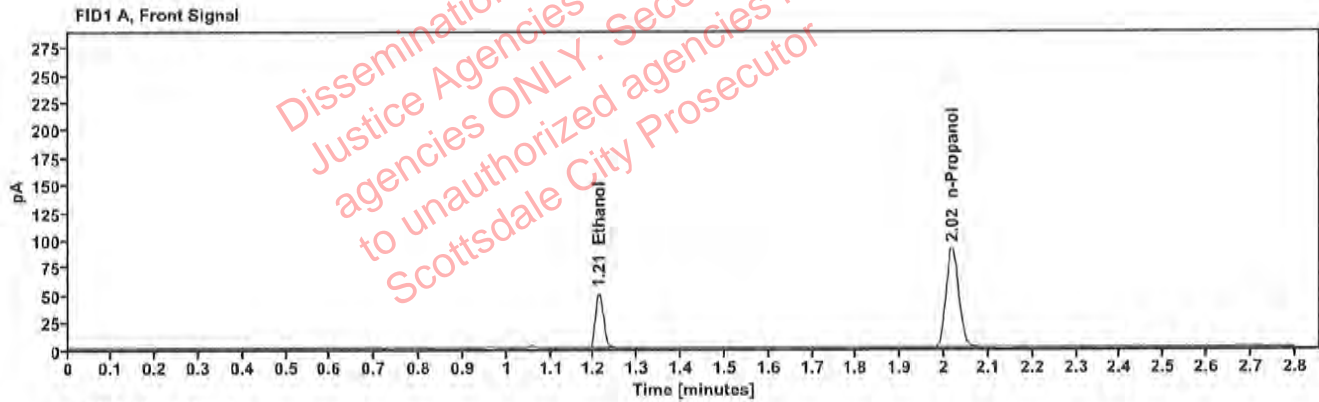


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1007	1.212	64.219
n-Propanol	---	2.017	181.142

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

Compound	Time (min)	Peak Area
Ethanol	1.360	69.611
n-Propanol	2.437	194.963

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223317-3	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:12:38 PM
Data file:	C:\Chem32\1\Data\15Dec22\35.D	Analyst:	Canonico

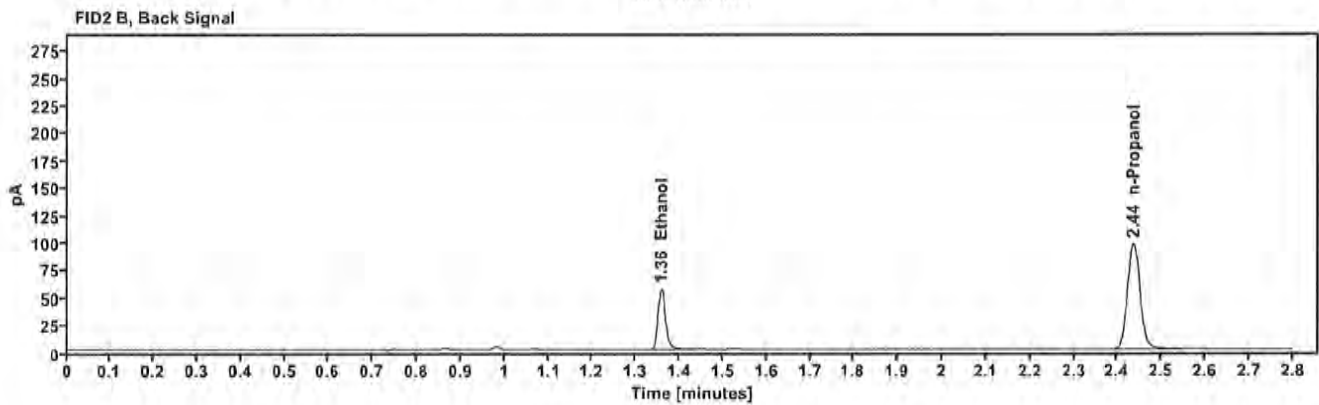
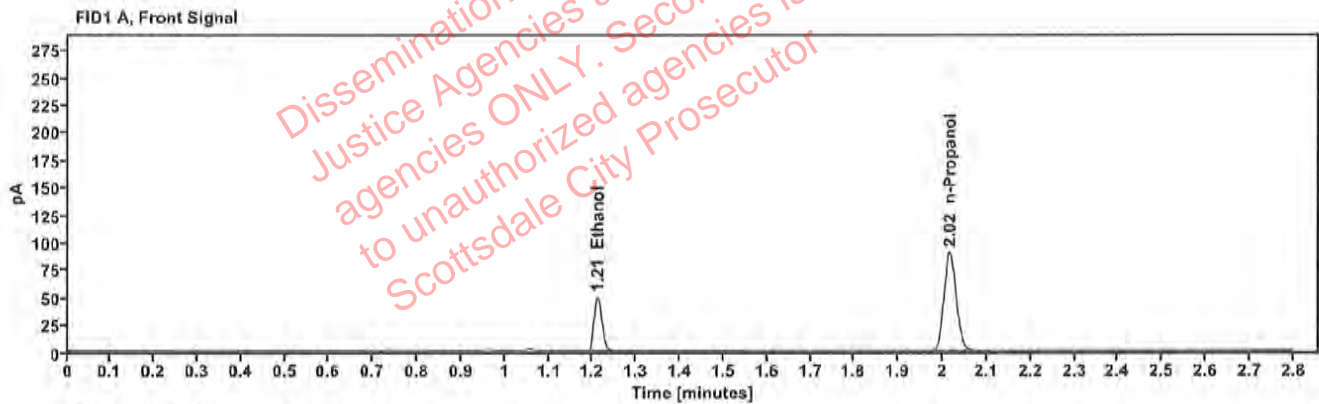


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0995	1.211	62.386
n-Propanol	-----	2.016	178.174

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

Compound	Time (min)	Peak Area
Ethanol	1.358	67.633
n-Propanol	2.436	191.959

Case: [REDACTED] : Canonico, Erika - (15-Dec-2022)

User: ecanonico 12/15/2022

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223244-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:16:38 PM
Data file:	C:\Chem32\1\Data\15Dec22\36.D	Analyst:	Canonico

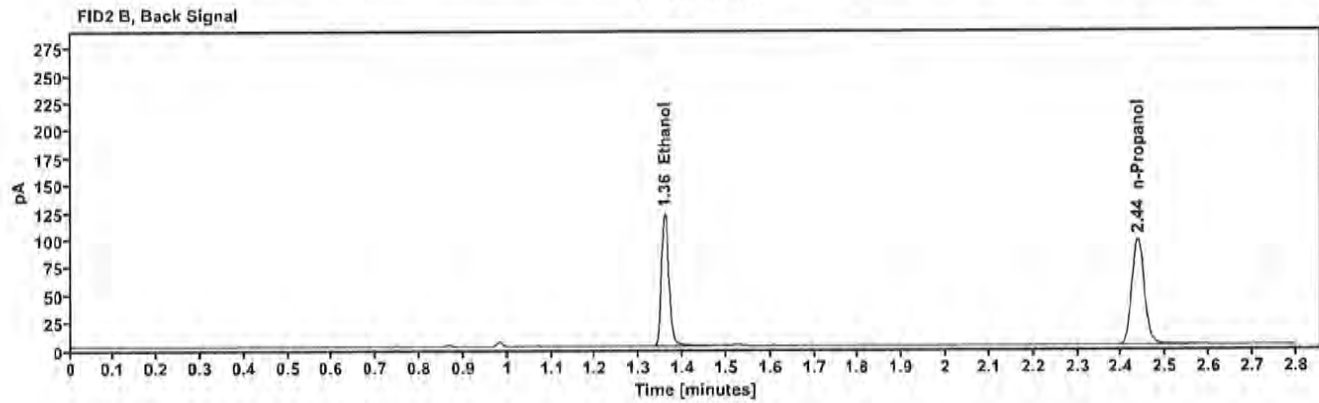
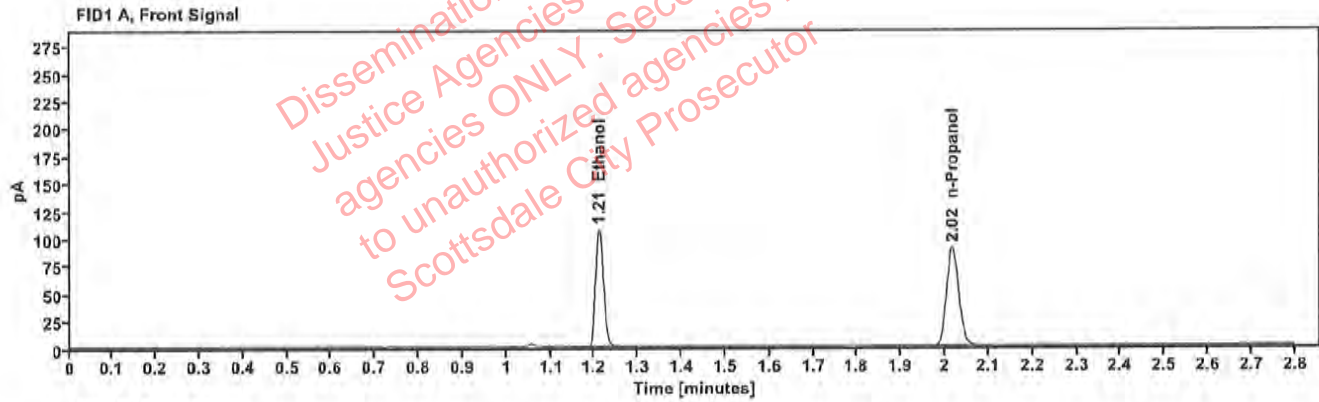


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2148	1.211	135.569
n-Propanol	---	2.017	177.833

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

Compound	Time (min)	Peak Area
Ethanol	1.359	148.348
n-Propanol	2.437	192.205

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223244-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:20:53 PM
Data file:	C:\Chem32\1\Data\15Dec22\37.D	Analyst:	Canonico

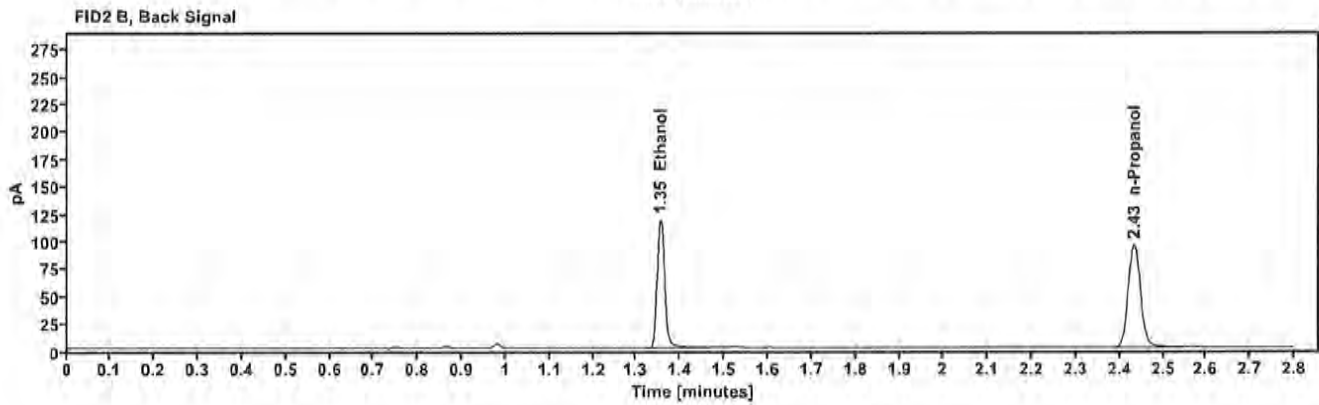
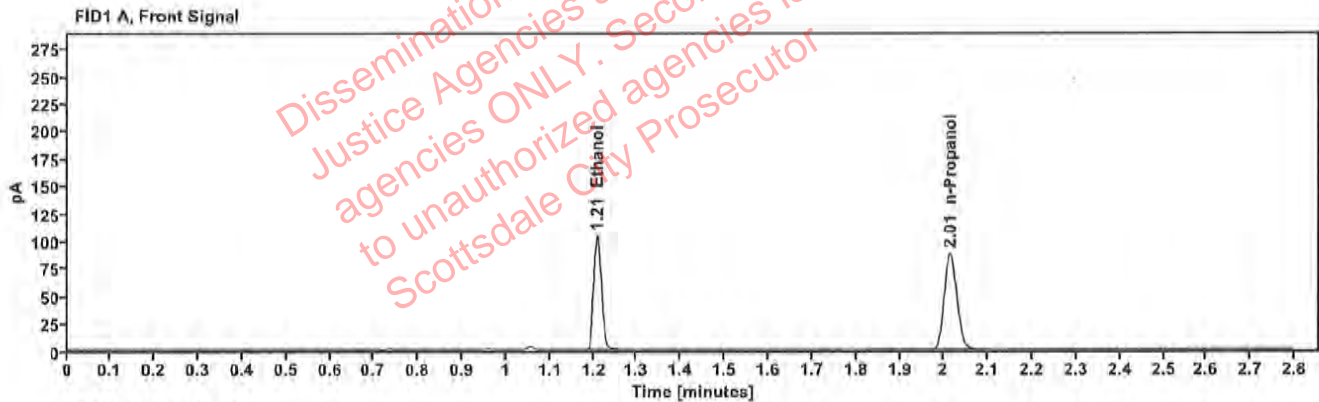


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2112	1.208	130.141
n-Propanol	---	2.014	173.663

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

Compound	Time (min)	Peak Area
Ethanol	1.354	142.328
n-Propanol	2.433	187.685



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223177-2	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:24:53 PM
Data file:	C:\Chem32\1\Data\15Dec22\38.D	Analyst:	Canonico

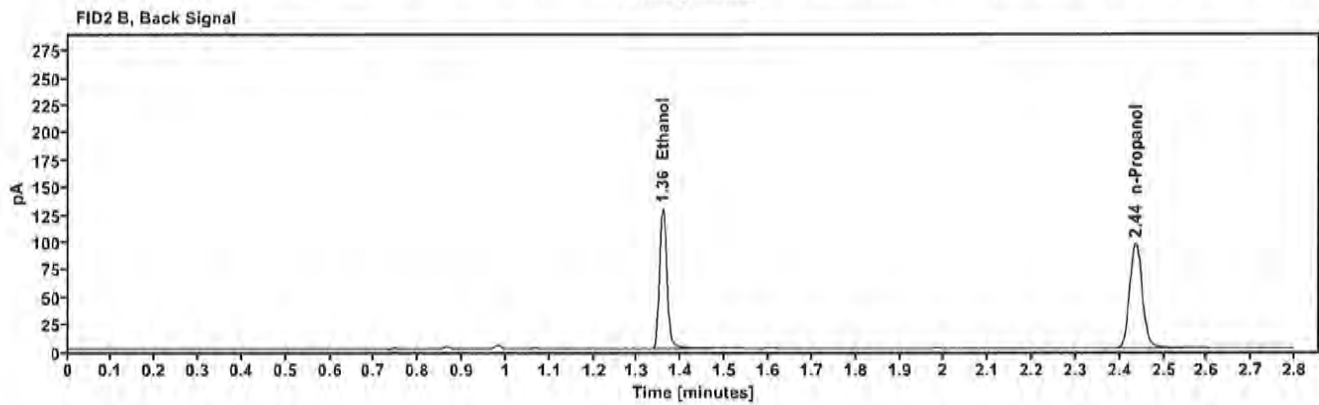
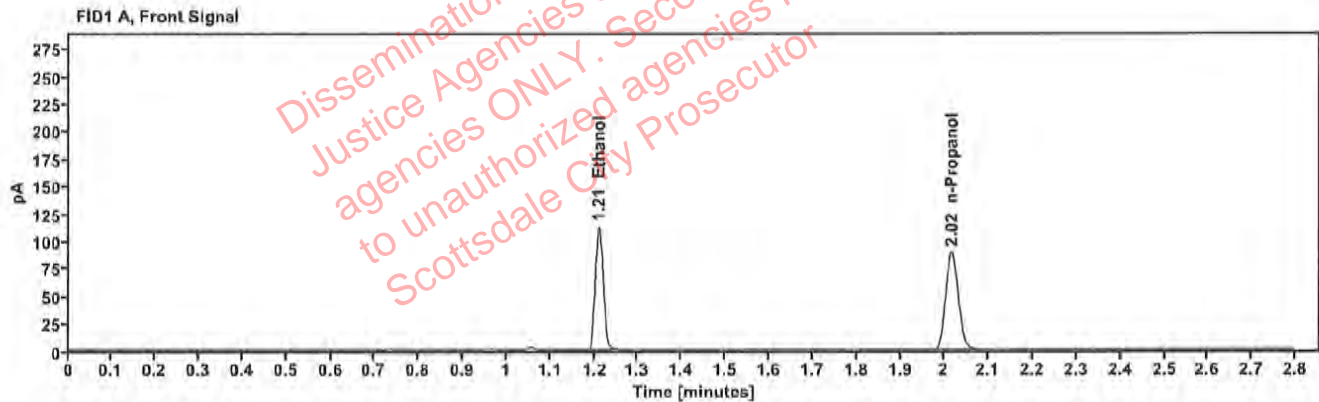


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2271	1.210	142.694
n-Propanol	—	2.016	176.962

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

Compound	Time (min)	Peak Area
Ethanol	1.358	156.116
n-Propanol	2.436	191.115

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223177-2	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:28:54 PM
Data file:	C:\Chem32\1\Data\15Dec22\39.D	Analyst:	Canonico

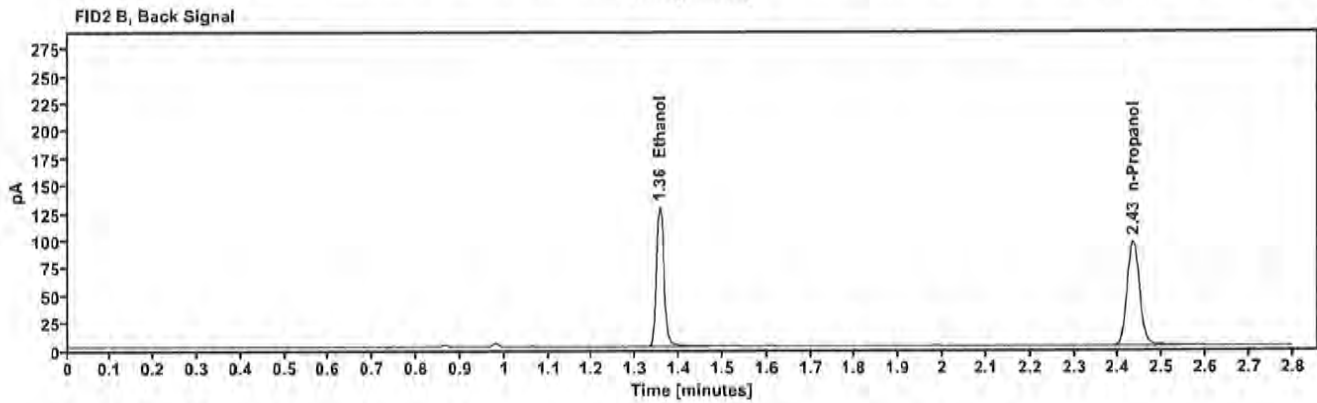
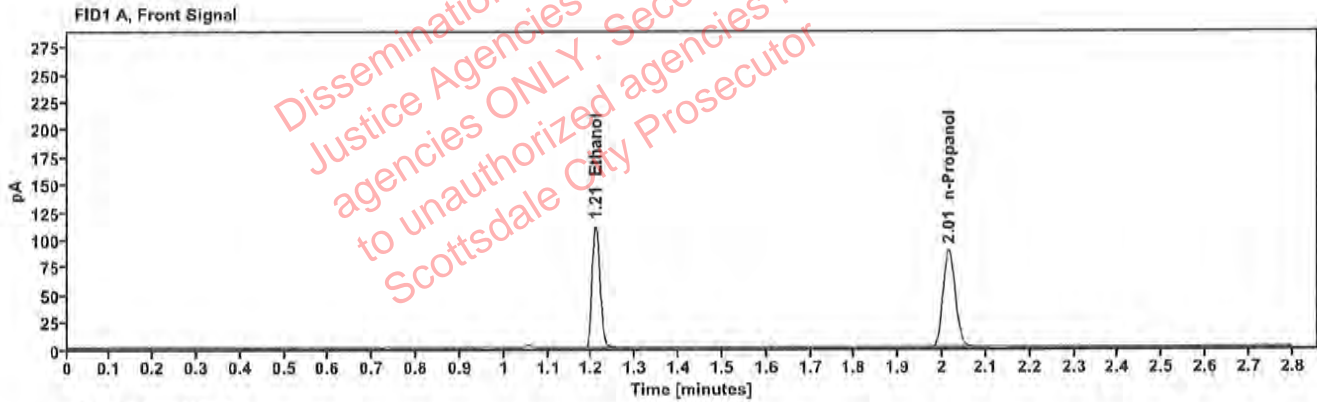


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2251	1.209	141.003
n-Propanol	---	2.015	176.445

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

Compound	Time (min)	Peak Area
Ethanol	1.355	154.258
n-Propanol	2.433	190.774

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223320-2	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:32:53 PM
Data file:	C:\Chem32\1\Data\15Dec22\40.D	Analyst:	Canonico

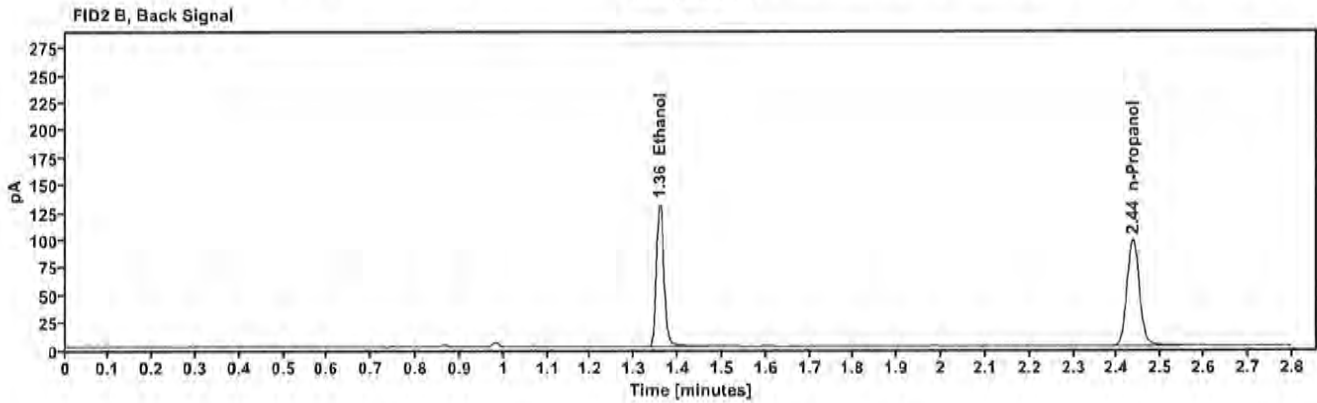
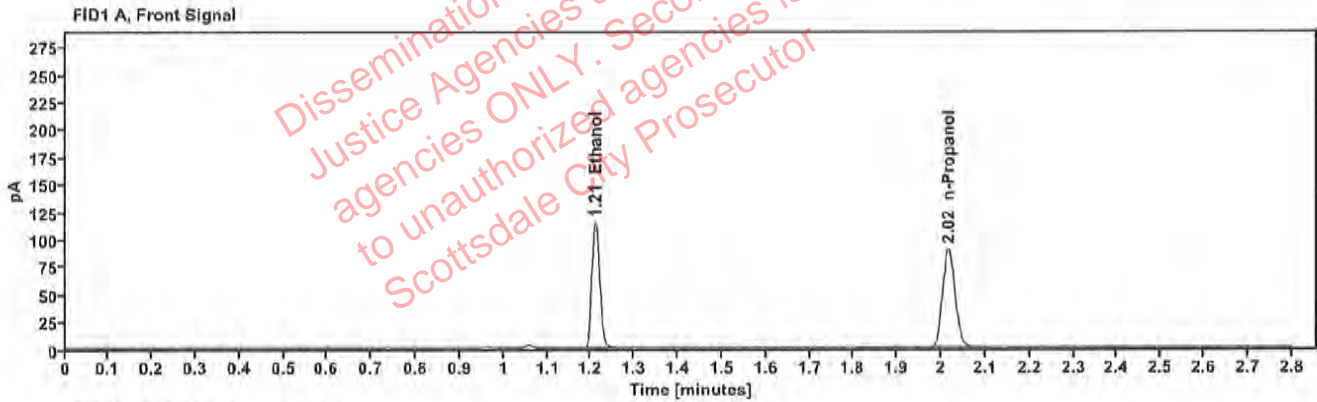


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2296	1.210	145.179
n-Propanol	---	2.016	178.133

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

Compound	Time (min)	Peak Area
Ethanol	1.358	158.977
n-Propanol	2.436	192.462

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223320-2	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:36:54 PM
Data file:	C:\Chem32\1\Data\15Dec22\41.D	Analyst:	Canonico

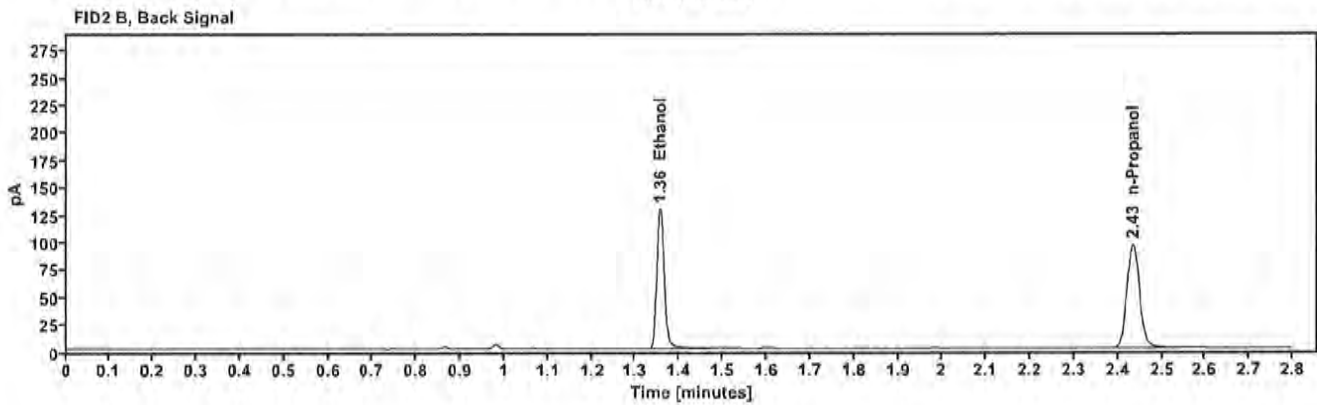
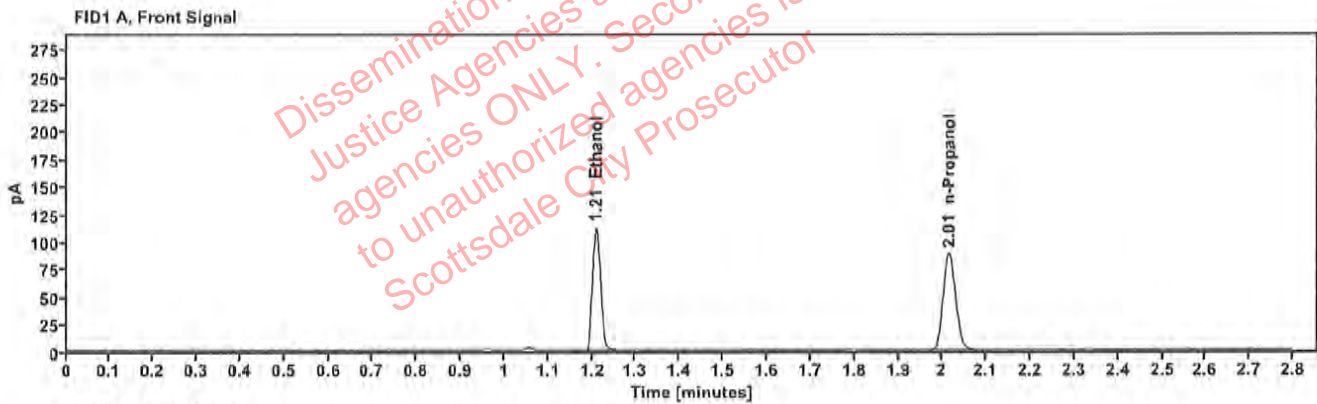


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2280	1.209	141.937
n-Propanol	---	2.015	175.385

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

Compound	Time (min)	Peak Area
Ethanol	1.356	155.371
n-Propanol	2.434	189.670

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222485-2	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:45:09 PM
Data file:	C:\Chem32\1\Data\15Dec22\43.D	Analyst:	Canonico

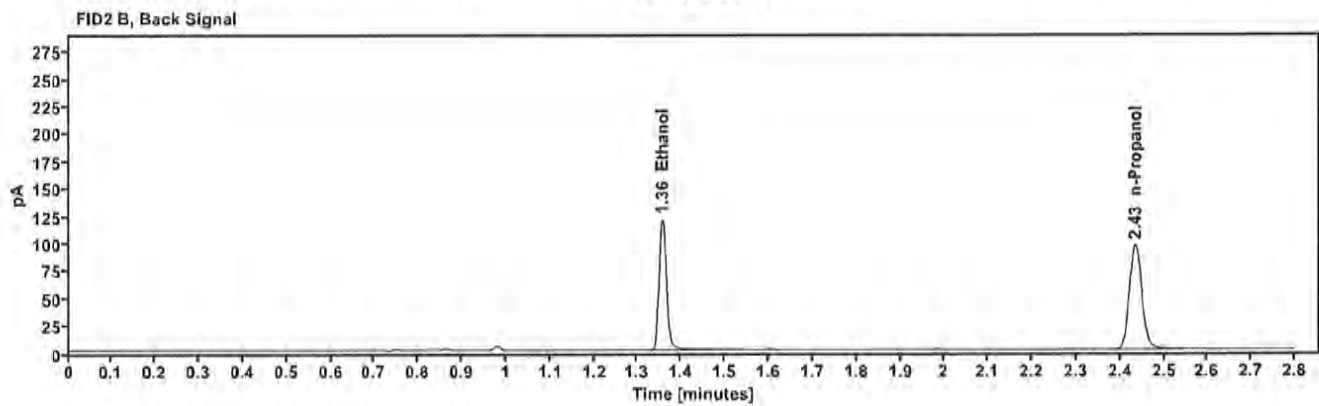
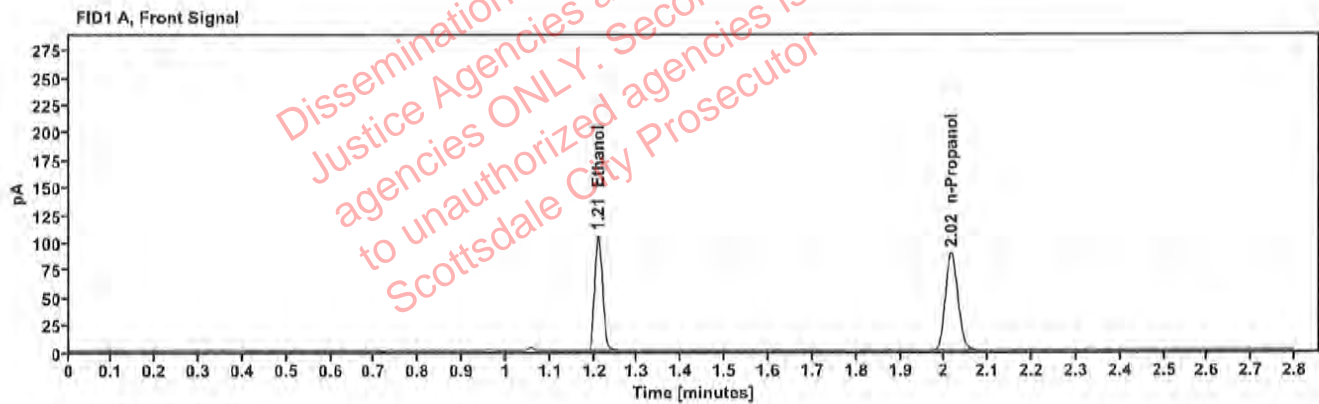


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2115	1.209	132.168
n-Propanol	---	2.015	176.138

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

Compound	Time (min)	Peak Area
Ethanol	1.356	144.453
n-Propanol	2.434	190.416

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222485-2	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:49:08 PM
Data file:	C:\Chem32\1\Data\15Dec22\44.D	Analyst:	Canonico

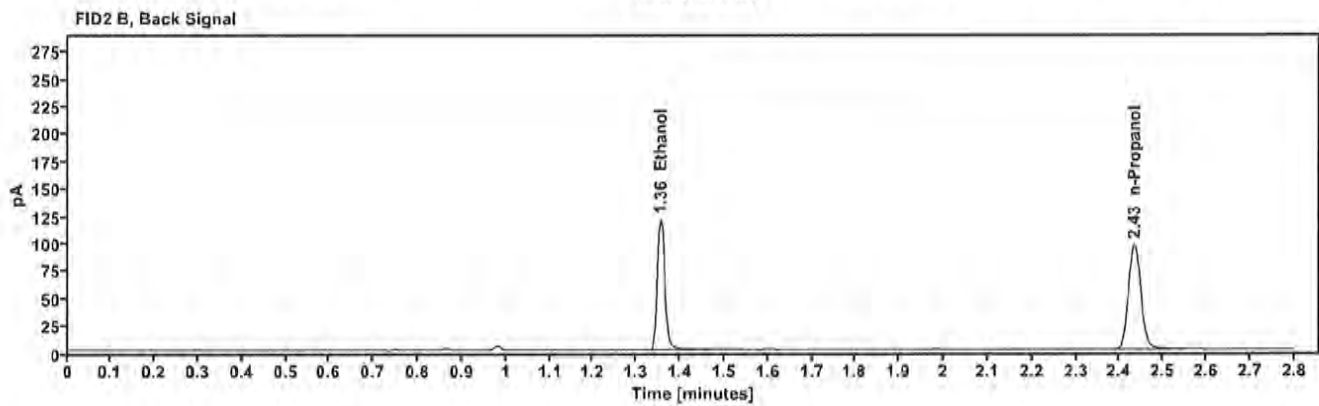
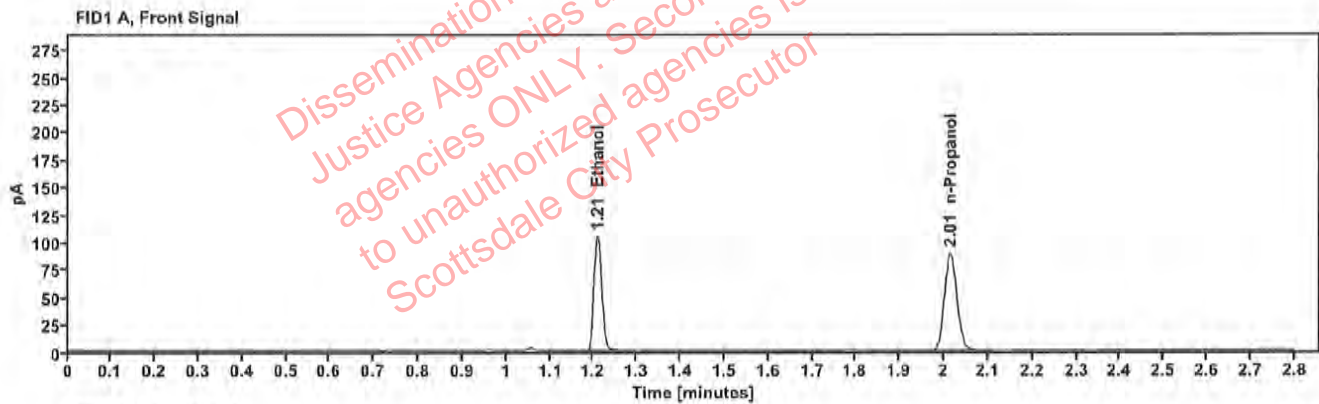


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2105	1.209	131.873
n-Propanol	—	2.015	176.551

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

Compound	Time (min)	Peak Area
Ethanol	1.355	144.217
n-Propanol	2.433	191.089

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222925-3	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:53:09 PM
Data file:	C:\Chem32\1\Data\15Dec22\45.D	Analyst:	Canonico

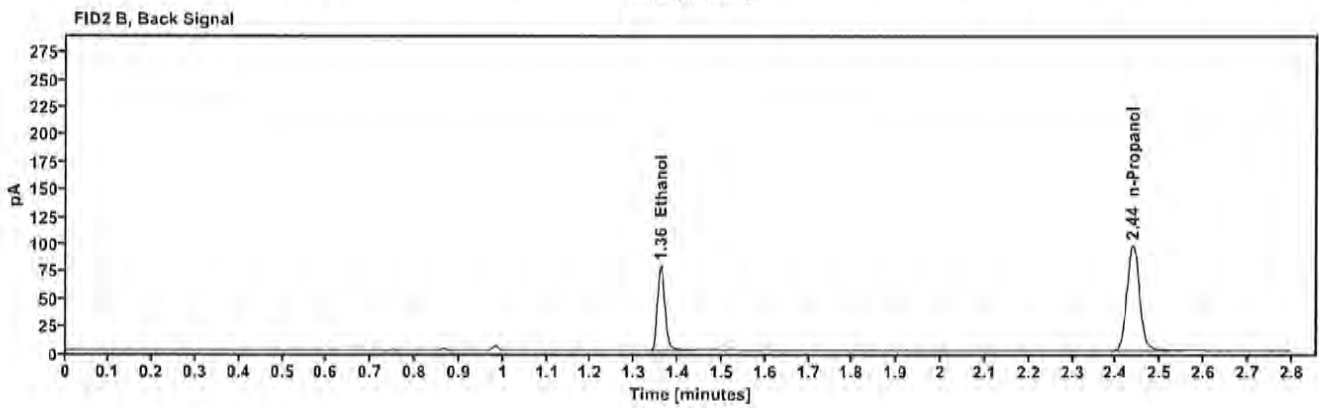
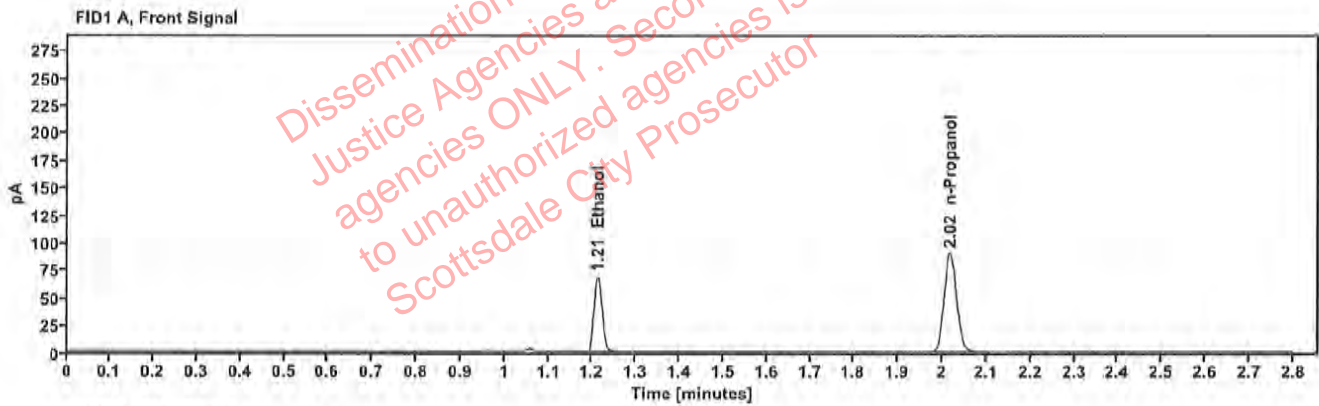


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1382	1.212	87.110
n-Propanol	-----	2.017	178.298

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

Compound	Time (min)	Peak Area
Ethanol	1.360	94.609
n-Propanol	2.438	192.952

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2222925-3	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 1:57:08 PM
Data file:	C:\Chem32\1\Data\15Dec22\46.D	Analyst:	Canonico

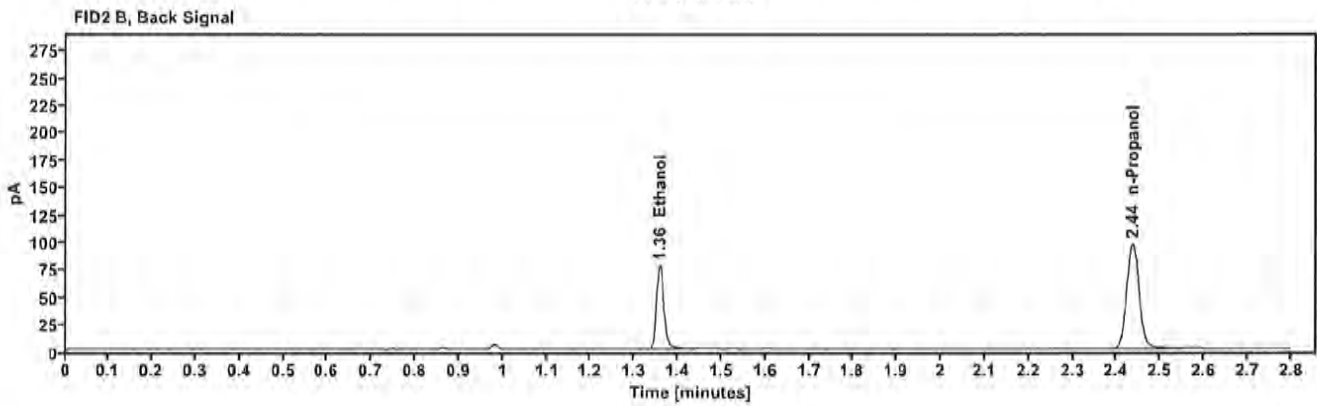
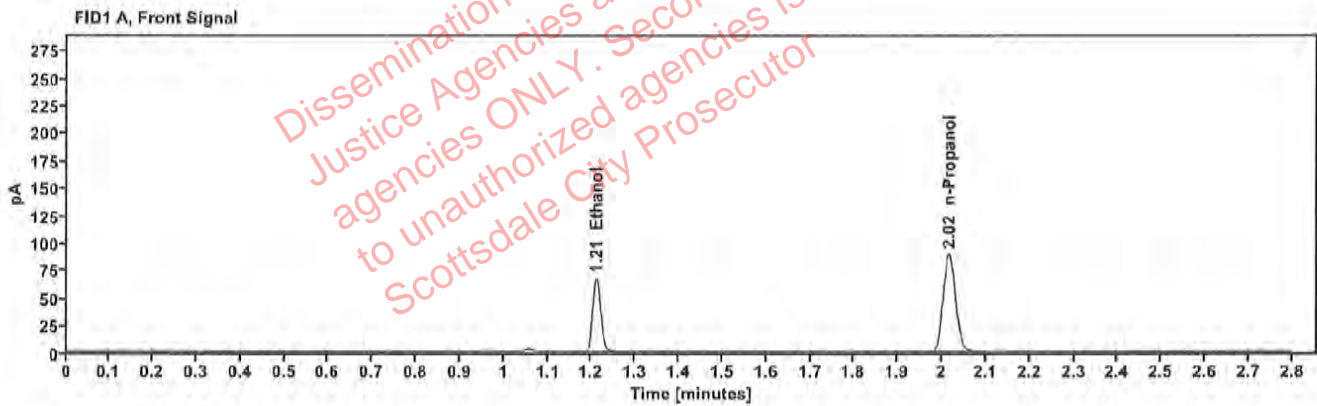


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1363	1.211	85.292
n-Propanol	—	2.016	177.100

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

Compound	Time (min)	Peak Area
Ethanol	1.358	92.673
n-Propanol	2.436	191.525



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223371-2	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 2:01:08 PM
Data file:	C:\Chem32\1\Data\15Dec22\47.D	Analyst:	Canonico

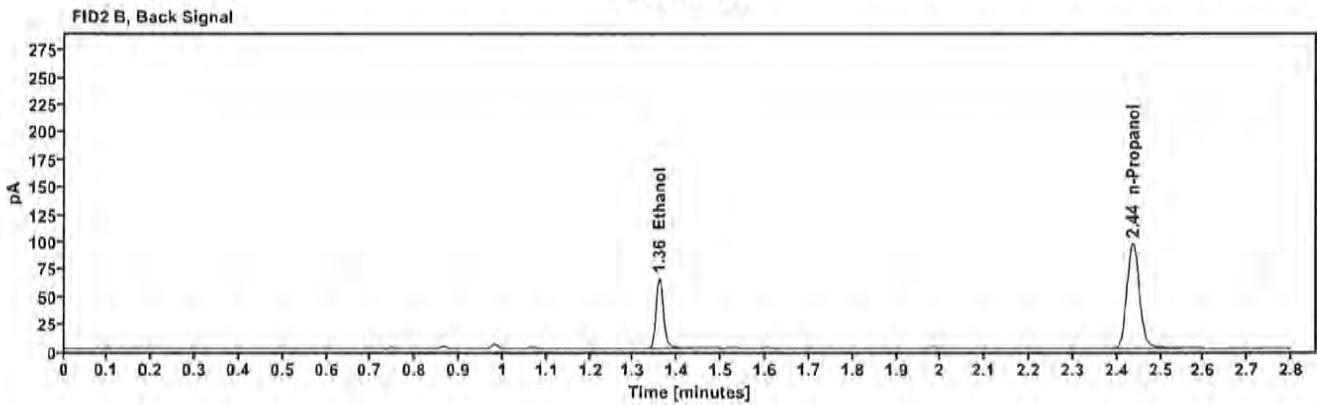
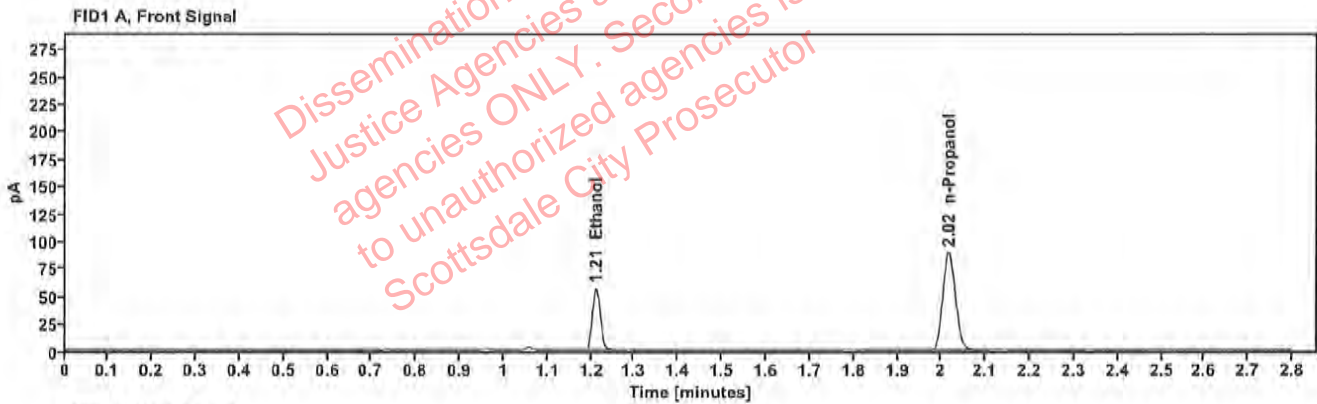


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Etanol	0.1153	1.211	71.938
n-Propanol	-----	2.016	176.833

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

Compound	Time (min)	Peak Area
Ethanol	1.359	77.997
n-Propanol	2.436	191.278

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223371-2	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 2:05:09 PM
Data file:	C:\Chem32\1\Data\15Dec22\48.D	Analyst:	Canonico

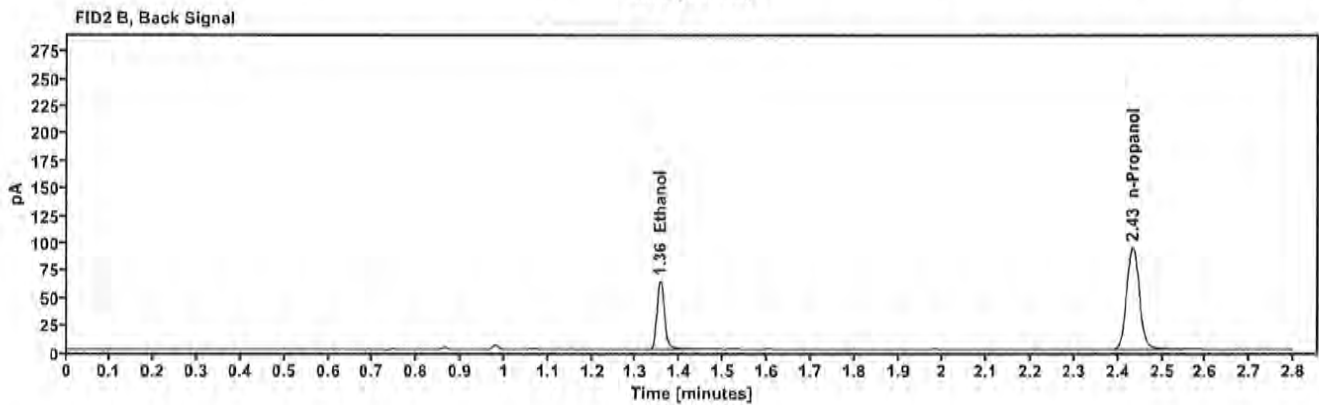
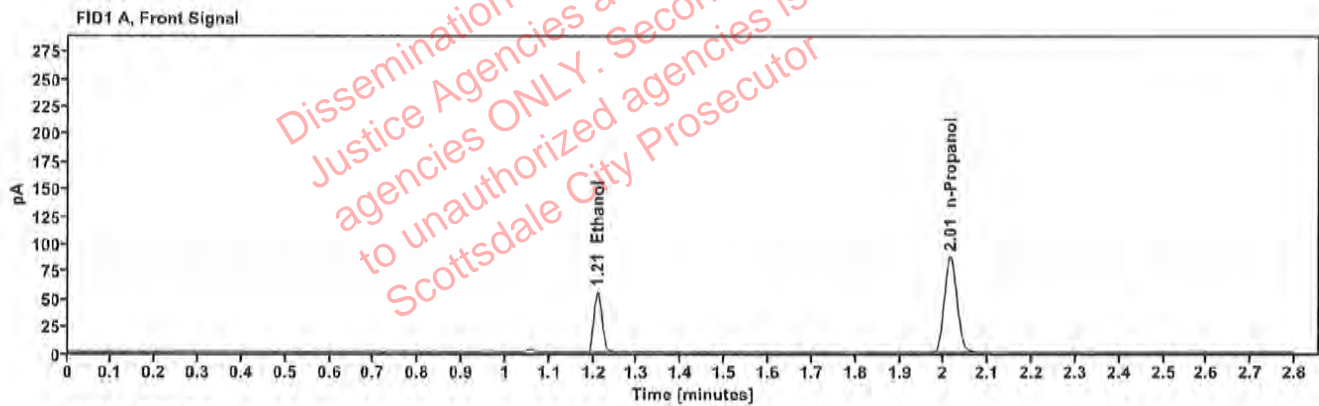


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1137	1.209	69.668
n-Propanol	-----	2.014	173.684

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

Compound	Time (min)	Peak Area
Ethanol	1.355	75.753
n-Propanol	2.433	188.094

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223446-3	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 2:09:23 PM
Data file:	C:\Chem32\1\Data\15Dec22\49.D	Analyst:	Canonico

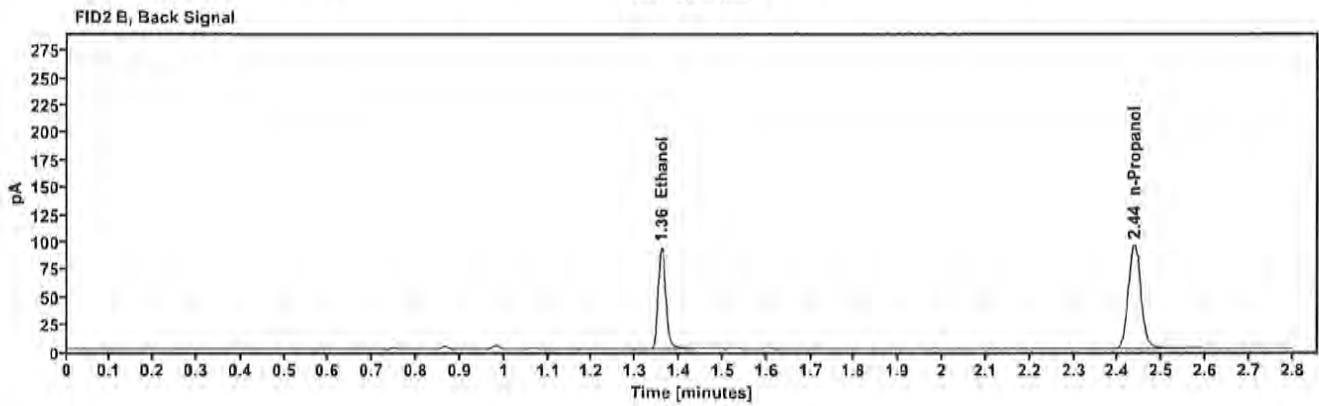
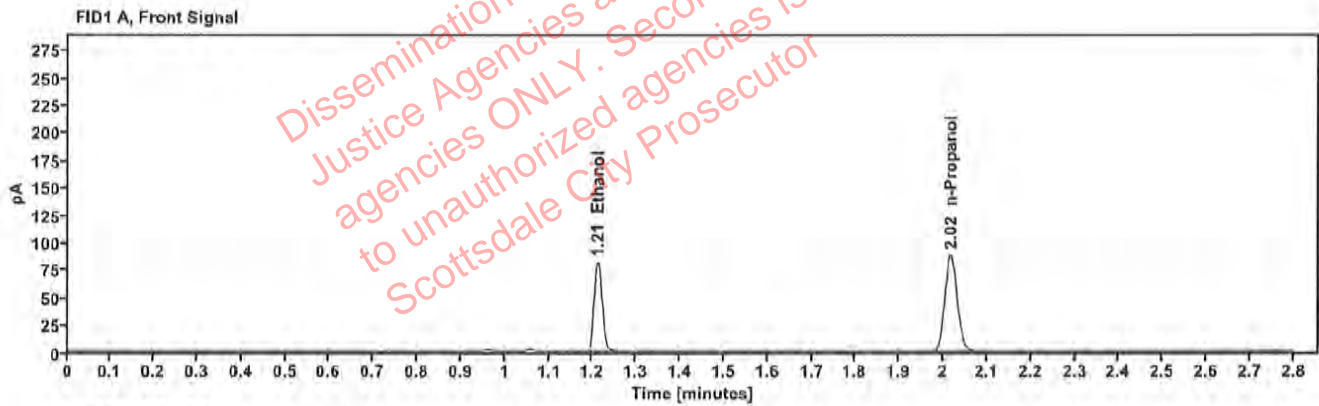


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1679	1.211	103.760
n-Propanol	—	2.017	174.472

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

Compound	Time (min)	Peak Area
Ethanol	1.359	112.810
n-Propanol	2.437	188.781

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2223446-3	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 2:13:24 PM
Data file:	C:\Chem32\1\Data\15Dec22\50.D	Analyst:	Canonico

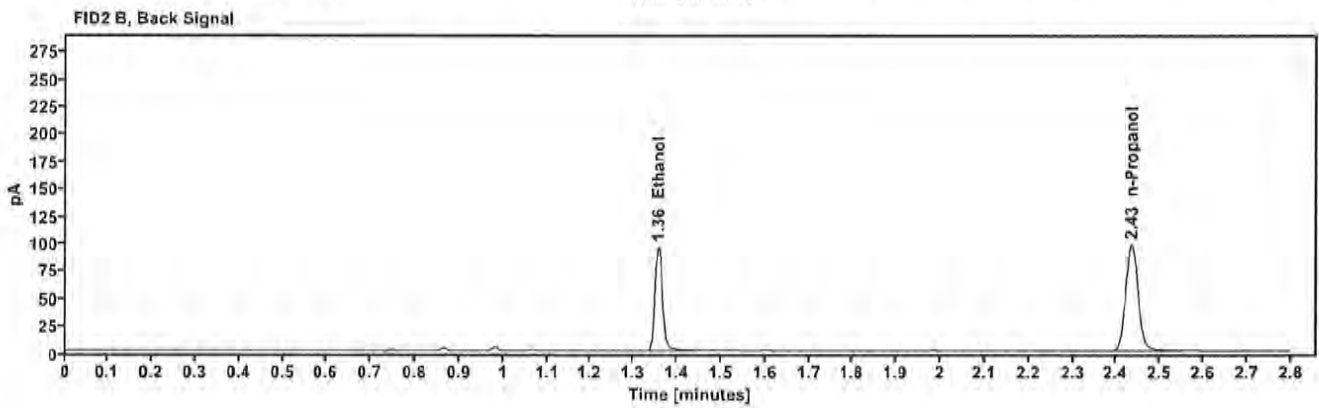
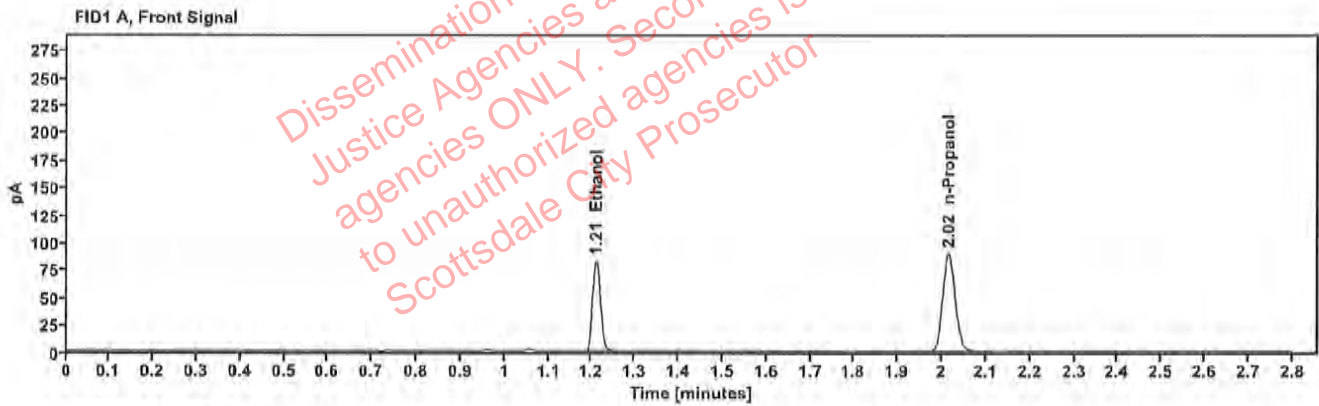


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1669	1.210	105.325
n-Propanol	---	2.015	178.232

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

Compound	Time (min)	Peak Area
Ethanol	1.357	114.821
n-Propanol	2.435	192.695

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1422164	Vial:	51
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 2:17:23 PM
Data file:	C:\Chem32\1\Data\15Dec22\51.D	Analyst:	Canonico

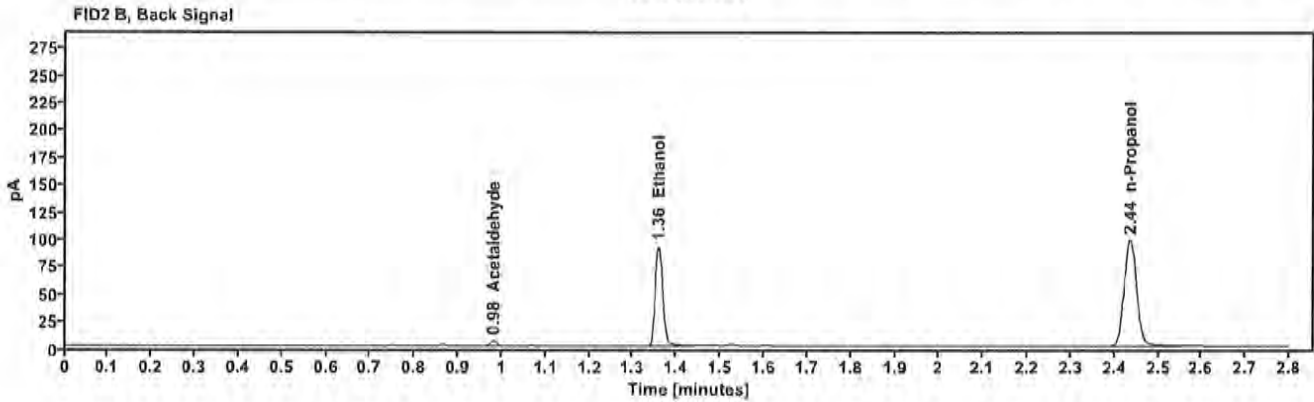
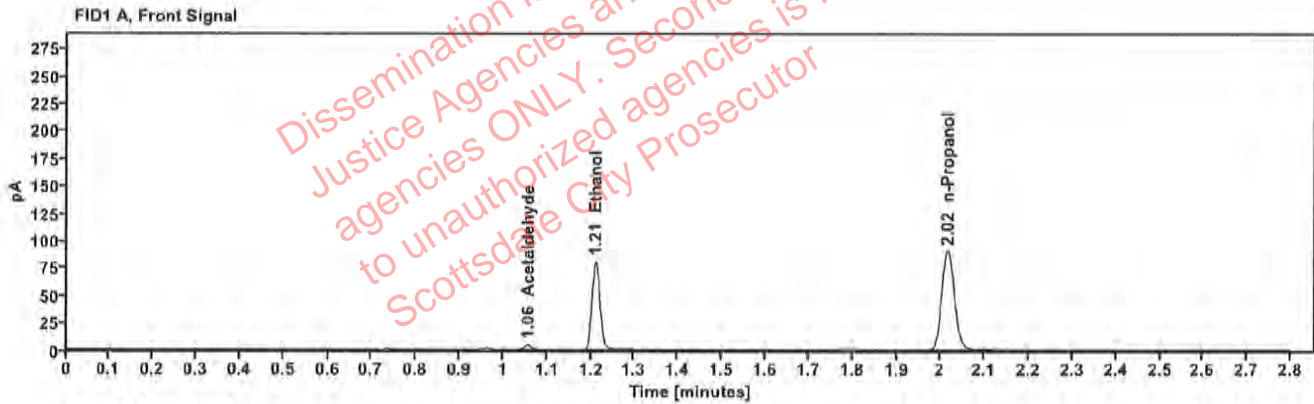


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.056	4.238
>Ethanol	0.1609	1.210	102.567
n-Propanol	---	2.016	180.046

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	4.771
Ethanol	1.358	111.655
n-Propanol	2.436	194.805

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1422164	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Dec22
Instrument:	US14173023 CN14160045	Injection date:	12/15/2022 2:21:24 PM
Data file:	C:\Chem32\1\Data\15Dec22\52.D	Analyst:	Canonico

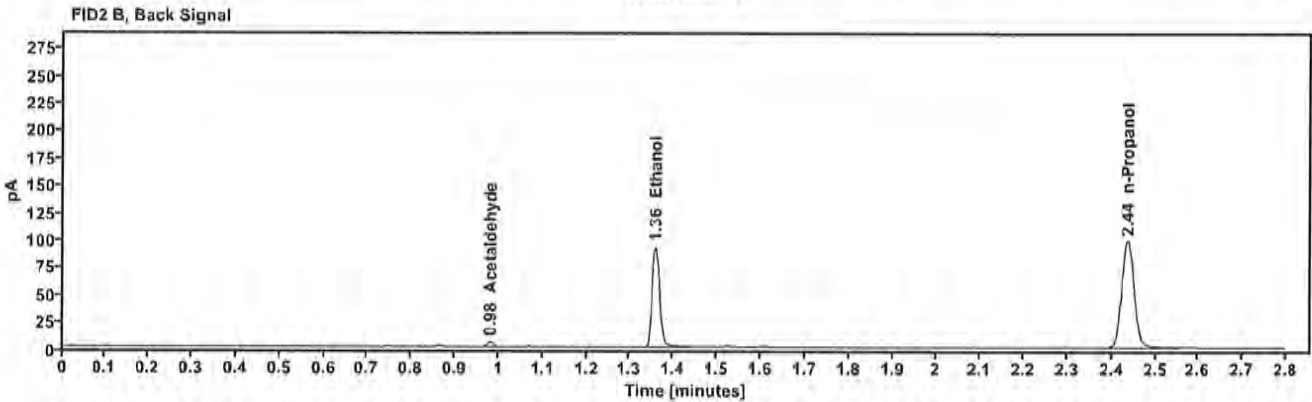
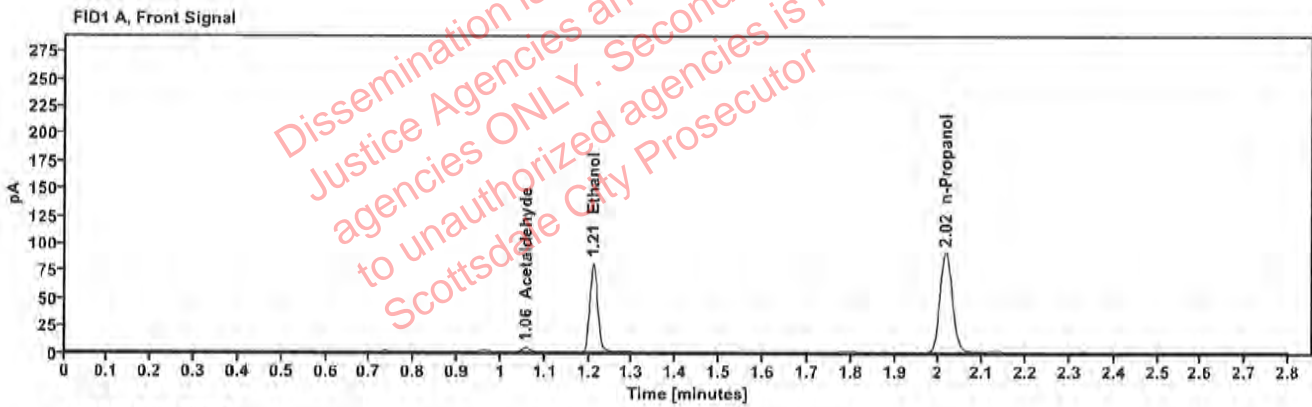


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.056	4.230
>Ethanol	0.1611	1.211	103.375
n-Propanol	---	2.016	181.234

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	4.751
Ethanol	1.358	112.302
n-Propanol	2.436	196.169