

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 05/17/2023 SEQUENCE NAME 17May23

**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 0.99997  
 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	0.406 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/10
20	Aqueous control	0.080 g/dL	0.079 g/dL	Lipomed 20012020-B
31	Blood control	0.199 g/dL	0.205 g/dL	ACQ 4110320133/10
42	Aqueous control	0.080 g/dL	0.082 g/dL	Lipomed 20012020-B
53	Aqueous control	0.400 g/dL	0.406 g/dL	Lipomed 30012020-A
54	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
55	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/10
56	Blank	Not detected	Not detected	SPD lab 031623AQ

**SUBJECT SAMPLES**

Subjects in the sequence 16 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. The run included four proficiency samples.

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

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

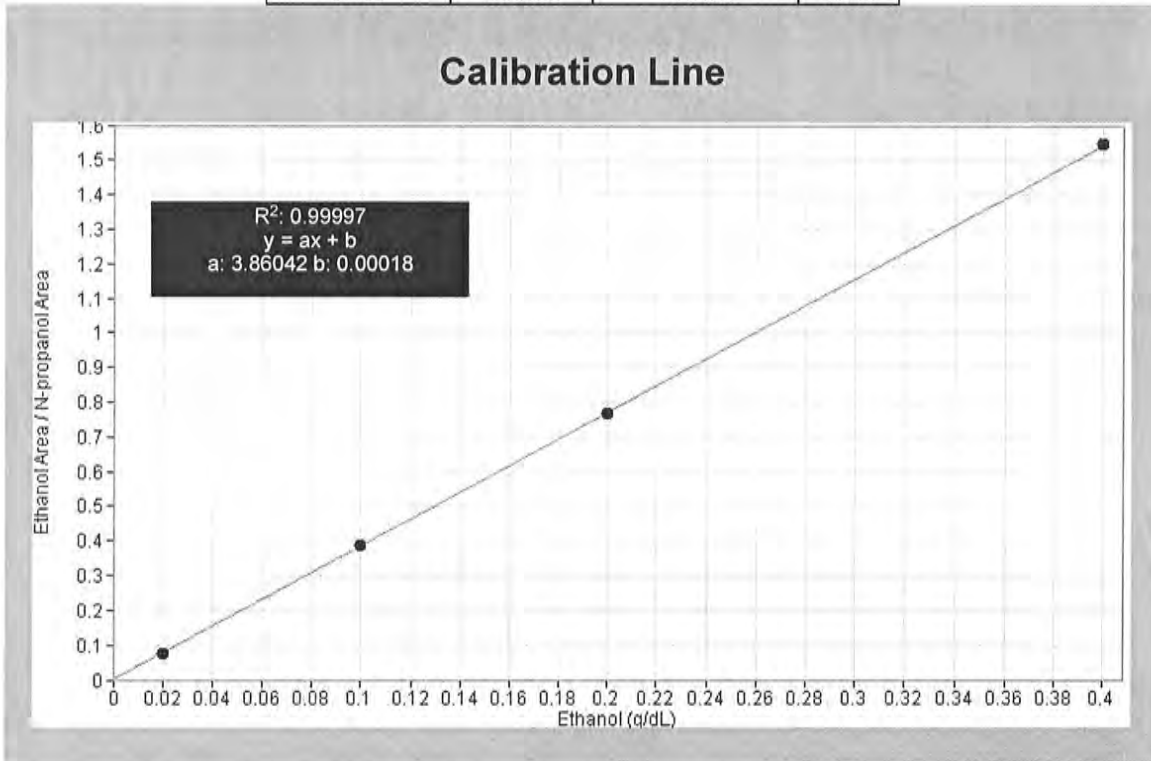
SEQUENCE NAME: 17May23

ANALYST: Canonico EC

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	0.406	0.400	1.50	0.006
0.040 14082019-B	8	0.039	0.040	2.50	-0.001
0.199 4110320133/10	9	0.203	0.199	2.01	0.004
0.080 20012020-B	20	0.079	0.080	1.25	-0.001
0.199 4110320133/10	31	0.205	0.199	3.02	0.006
0.080 20012020-B	42	0.082	0.080	2.50	0.002
0.400 30012020-A	53	0.406	0.400	1.50	0.006
0.040 14082019-B	54	0.040	0.040	0.00	0.000
0.199 4110320133/10	55	0.203	0.199	2.01	0.004
blank 031623AQ	56	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.340	159.877	0.077
0.100	60.930	156.479	0.389
0.200	119.366	155.445	0.768
0.400	238.235	154.123	1.546

### 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> 17May23
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 5/17/2023 11:43:03 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">EC</span>
<b>Data file:</b> C:\Chem32\1\Data\17May23\1.D	

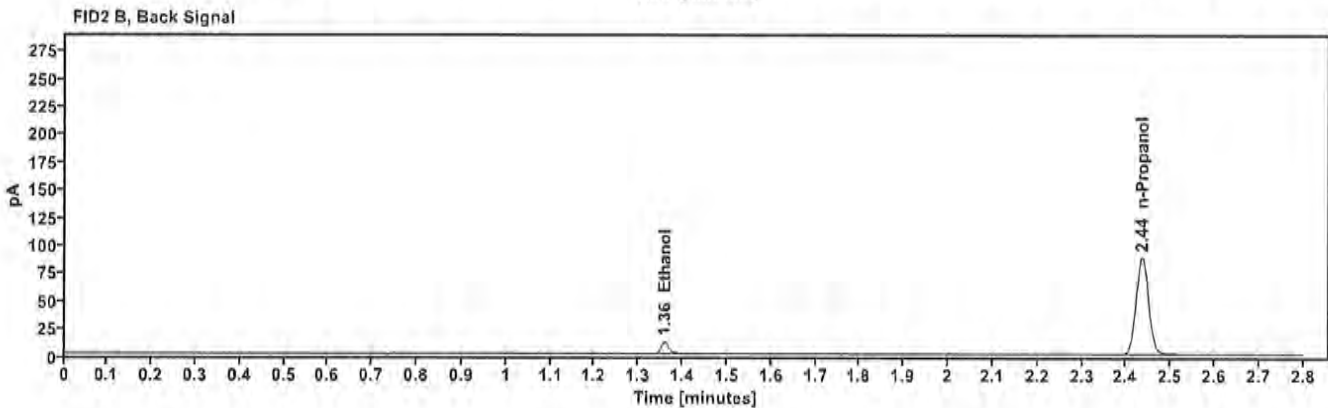
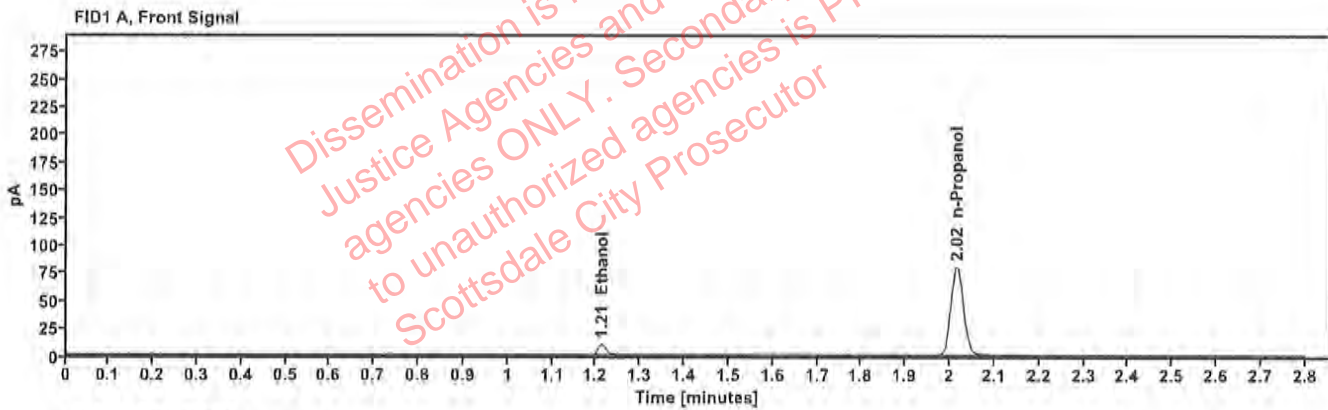


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	12.340
n-Propanol	2.016	159.877

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

Compound	Time (min)	Peak Area
Ethanol	1.359	13.251
n-Propanol	2.435	173.174

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN05311902	<b>Vial:</b> 2
<b>Description:</b> 0.100 calibrator	<b>Sequence:</b> 17May23
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 5/17/2023 11:47:02 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">ec</span>
<b>Data file:</b> C:\Chem32\1\Data\17May23\2.D	

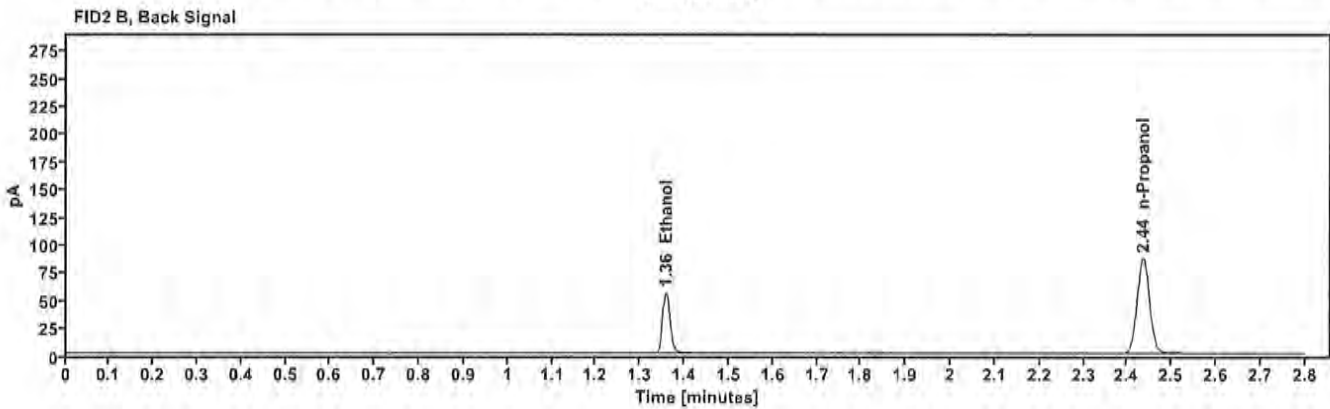
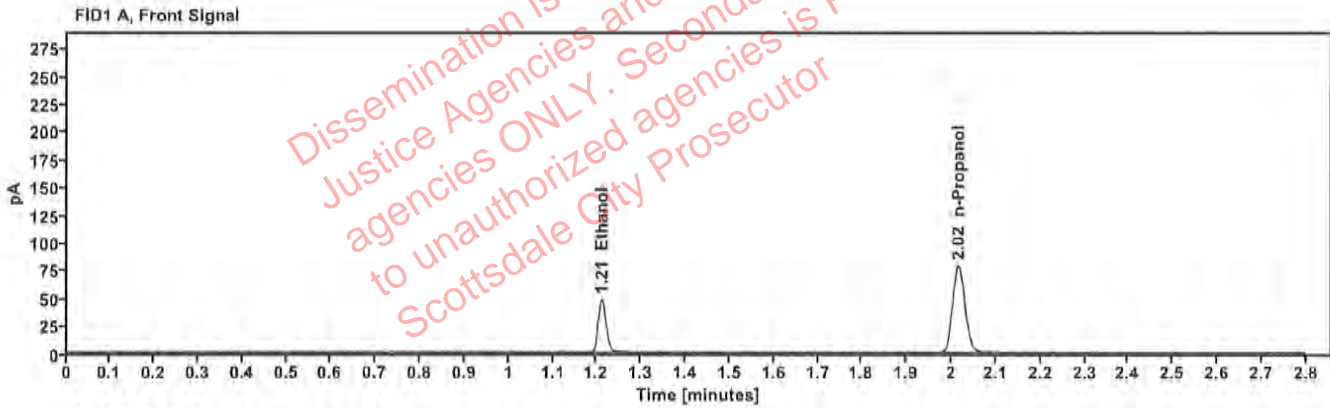


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	60,930
n-Propanol	2.016	156,479

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

Compound	Time (min)	Peak Area
Ethanol	1.358	66,073
n-Propanol	2.435	169,536

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	FN02052101	<b>Vial:</b>	3
<b>Description:</b>	0.200 calibrator	<b>Sequence:</b>	17May23
<b>Method:</b>	ethanol quant.M	<b>Injection date:</b>	5/17/2023 11:51:02 AM
<b>Instrument:</b>	US14173023 CN14160045	<b>Analyst:</b>	Canonico <span style="float: right;">ec</span>
<b>Data file:</b>	C:\Chem32\1\Data\17May23\3.D		

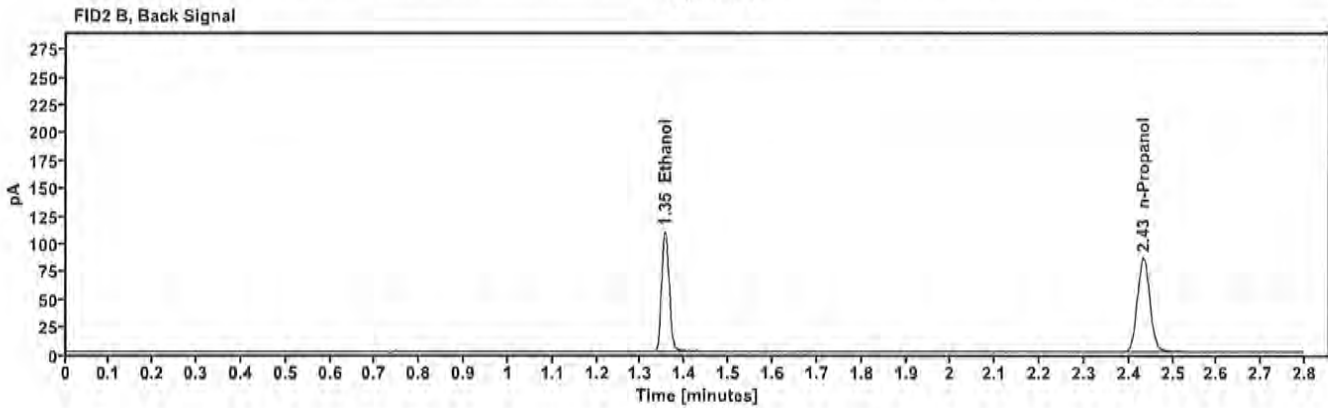
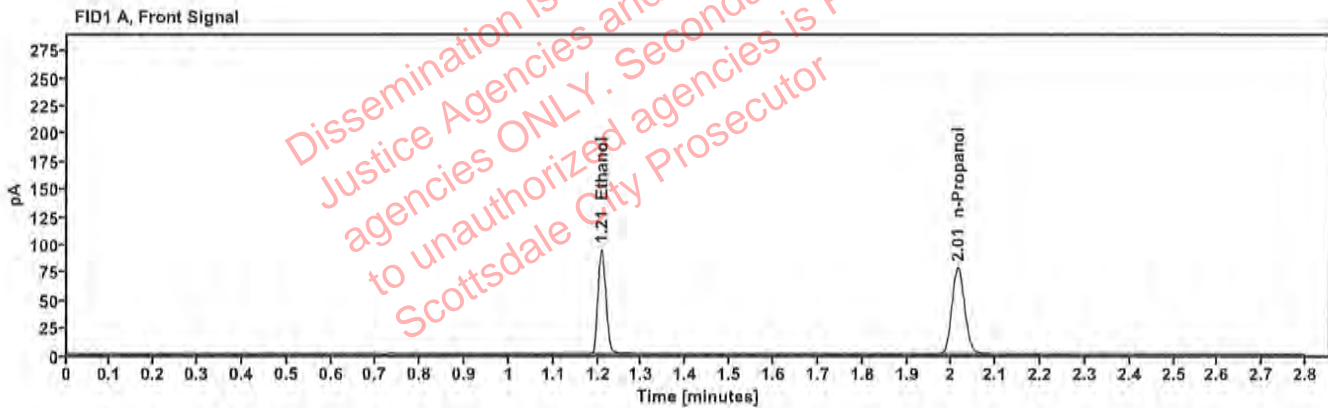


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	119,366
n-Propanol	2.014	155,445

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

Compound	Time (min)	Peak Area
Ethanol	1.355	130,052
n-Propanol	2.433	168,498

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b> FN03052102	<b>Vial:</b> 4
<b>Description:</b> 0.400 calibrator	<b>Sequence:</b> 17May23
<b>Method:</b> ethanol quant.M	<b>Injection date:</b> 5/17/2023 11:55:02 AM
<b>Instrument:</b> US14173023 CN14160045	<b>Analyst:</b> Canonico <span style="float: right;">EE</span>
<b>Data file:</b> C:\Chem32\1\Data\17May23\4.D	

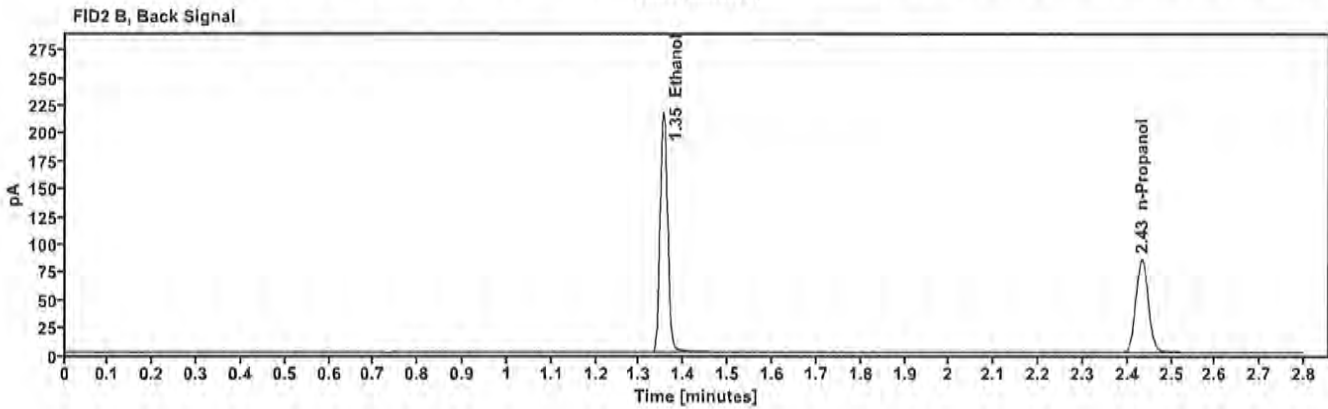
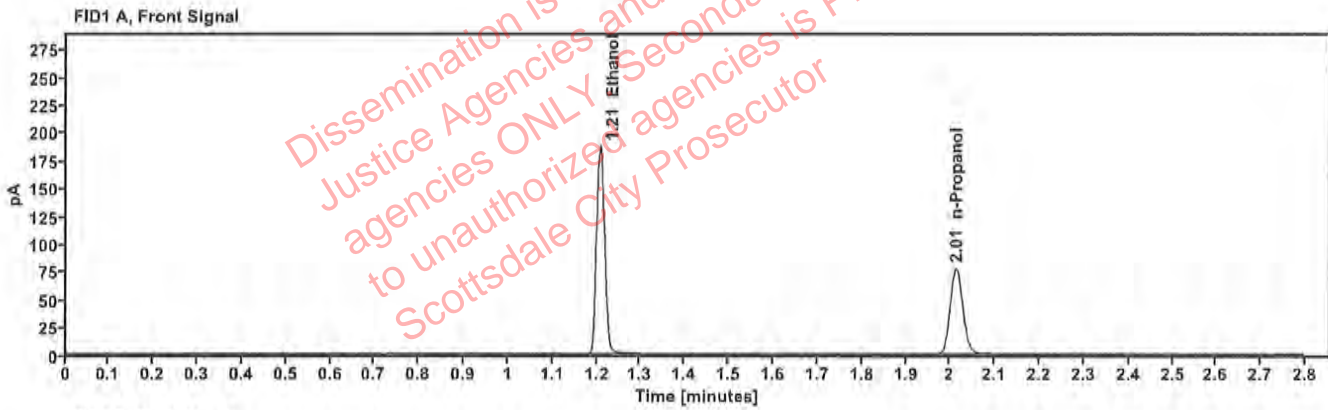


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	238.235
n-Propanol	2.014	154.123

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

Compound	Time (min)	Peak Area
Ethanol	1.354	260.710
n-Propanol	2.432	167.150

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	011823WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 11:59:02 AM
Data file:	C:\Chem32\1\Data\17May23\5.D	Analyst:	Canonico <i>EC</i>

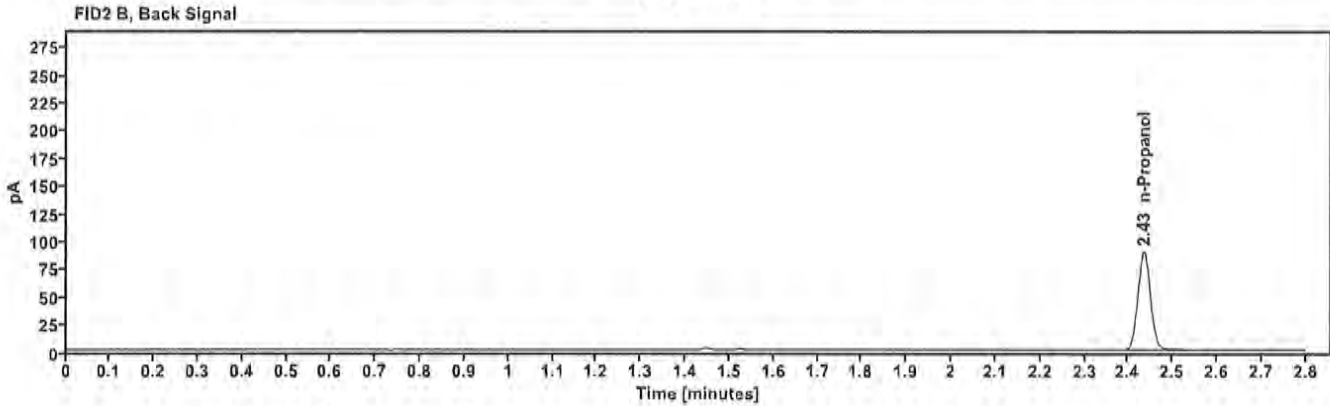
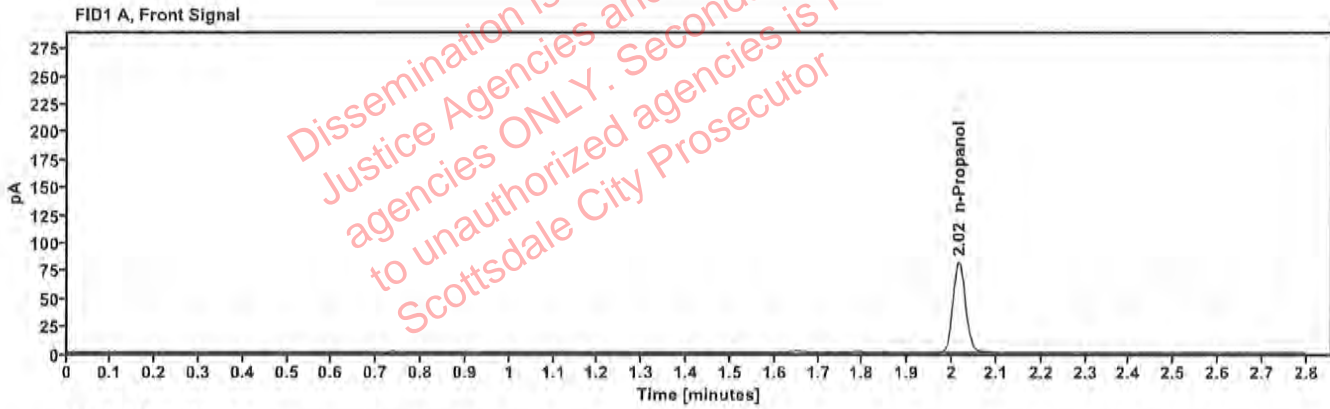


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.015	162.478

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

Compound	Time (min)	Peak Area
n-Propanol	2.435	176.365

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:03:03 PM
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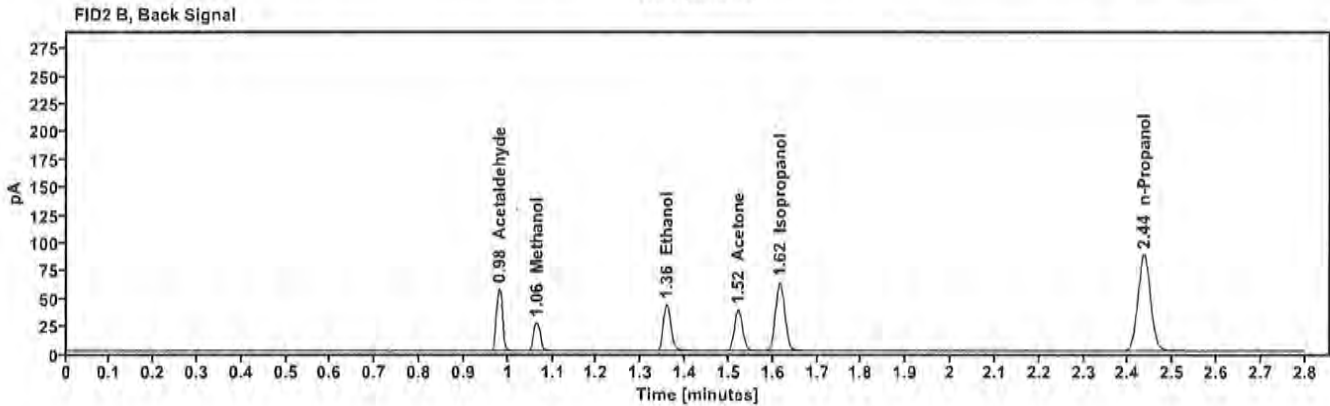
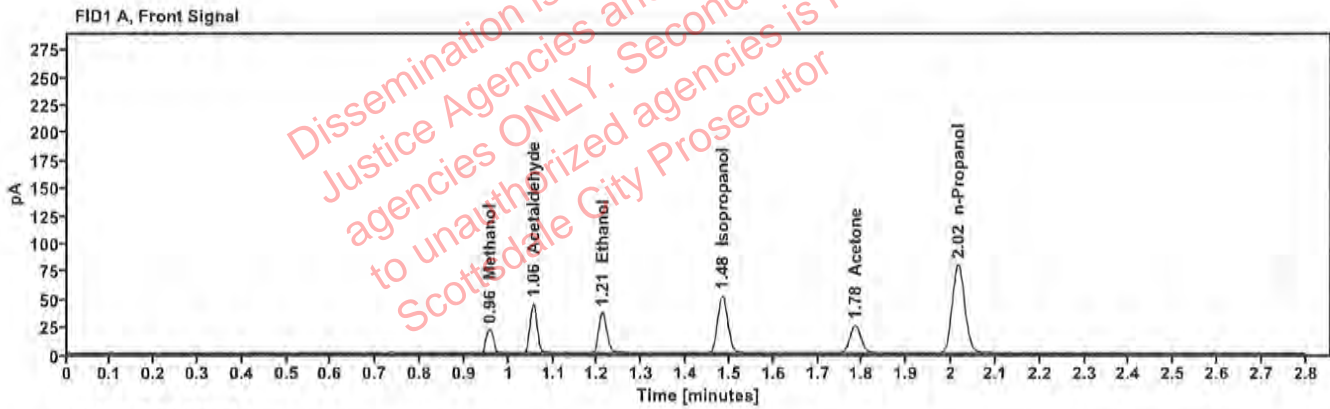


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	24.717
Acetaldehyde	-----	1.055	49.027
>Ethanol	0.0761	1.211	46.738
Isopropanol	-----	1.484	82.926
Acetone	-----	1.784	43.478
n-Propanol	-----	2.015	159.074

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	54.917
Methanol	1.064	27.425
Ethanol	1.358	50.978
Acetone	1.521	47.904
Isopropanol	1.616	91.758
n-Propanol	2.435	172.471



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:07:18 PM
Data file:	C:\Chem32\1\Data\17May23\7.D	Analyst:	Canonico <i>ec</i>

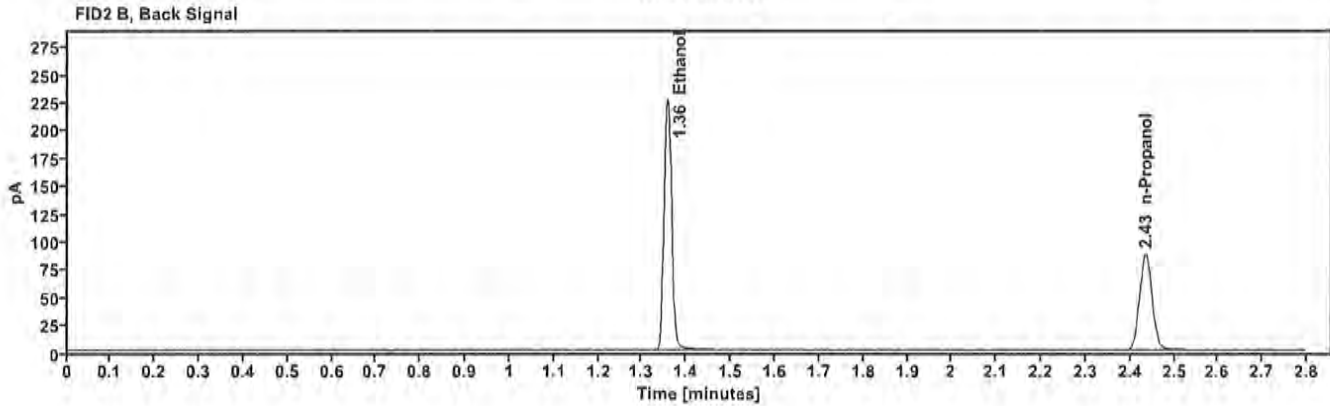
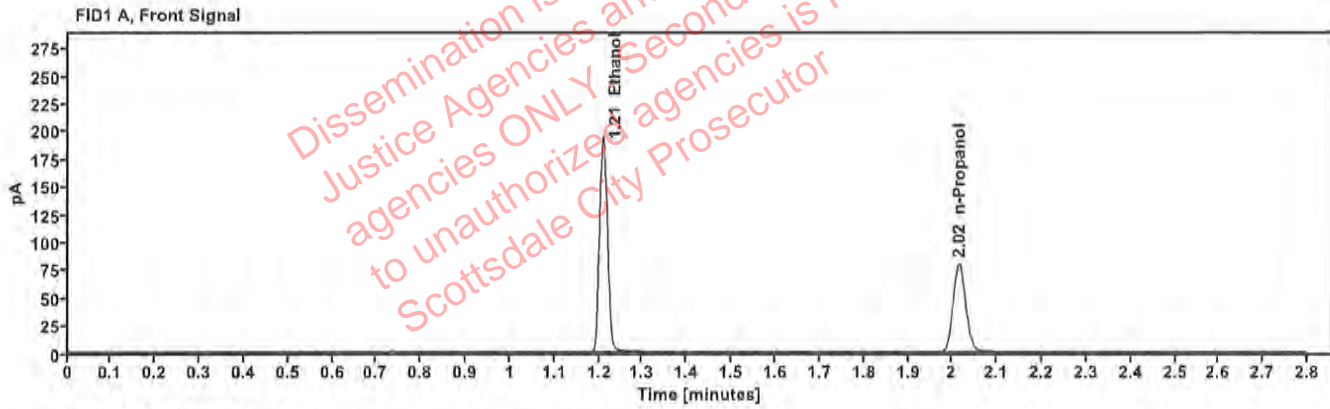


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4062	1.208	248.744
n-Propanol	---	2.015	158.595

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

Compound	Time (min)	Peak Area
Ethanol	1.357	272.797
n-Propanol	2.435	172.012

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:11:18 PM
Data file:	C:\Chem32\1\Data\17May23\8.D	Analyst:	Canonico <i>EC</i>

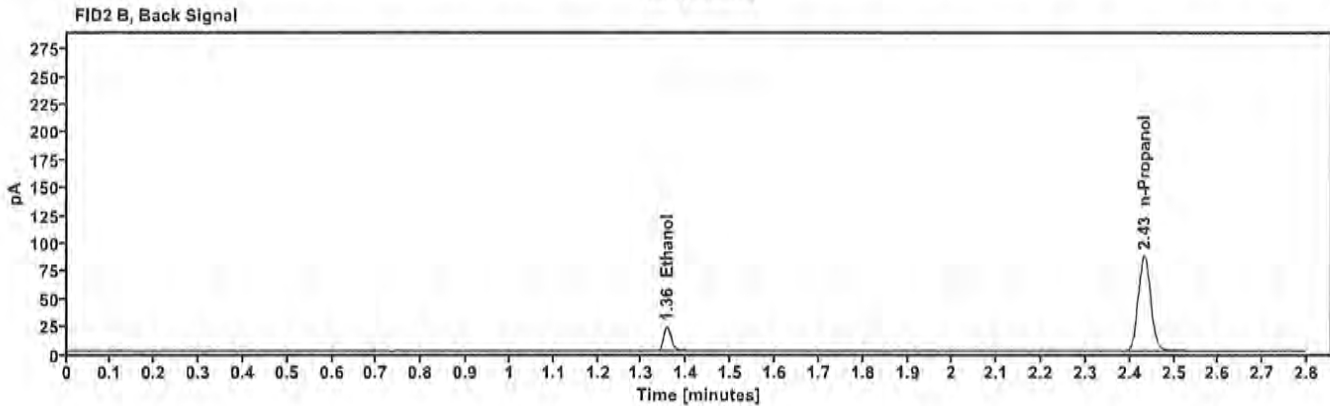
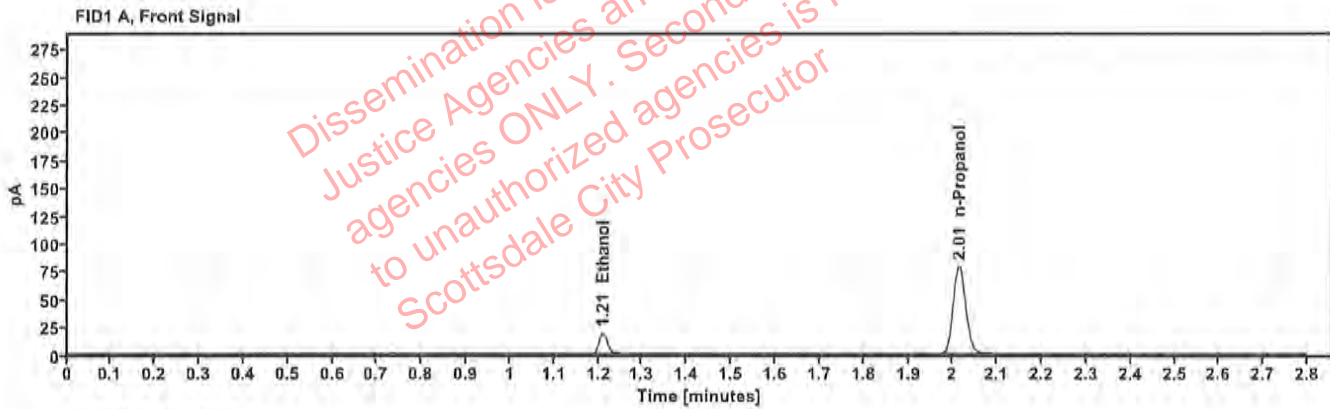


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0398	1.210	24.176
n-Propanol	—	2.014	157.250

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

Compound	Time (min)	Peak Area
Ethanol	1.356	26.332
n-Propanol	2.433	170.502

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/10	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:15:18 PM
Data file:	C:\Chem32\1\Data\17May23\9.D	Analyst:	Canonico <i>ec</i>

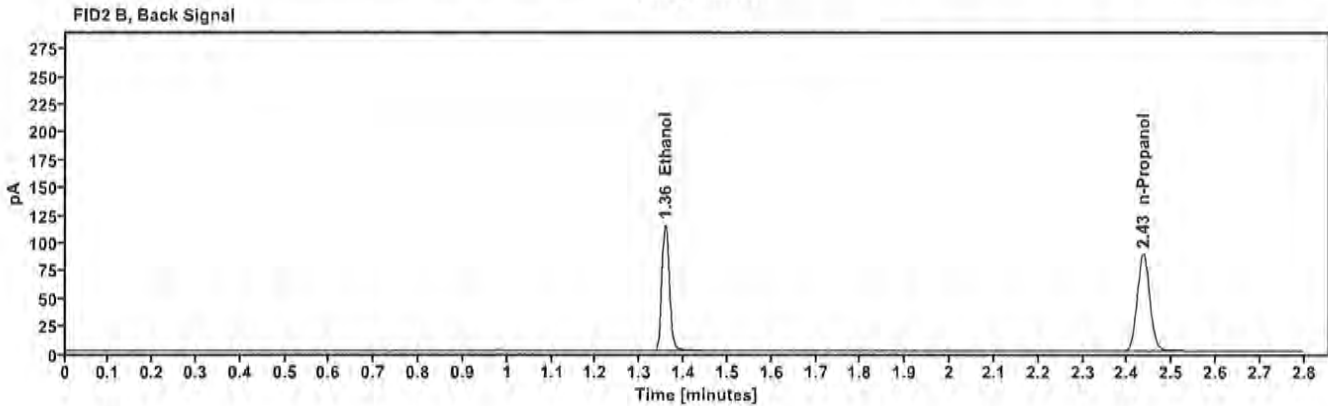
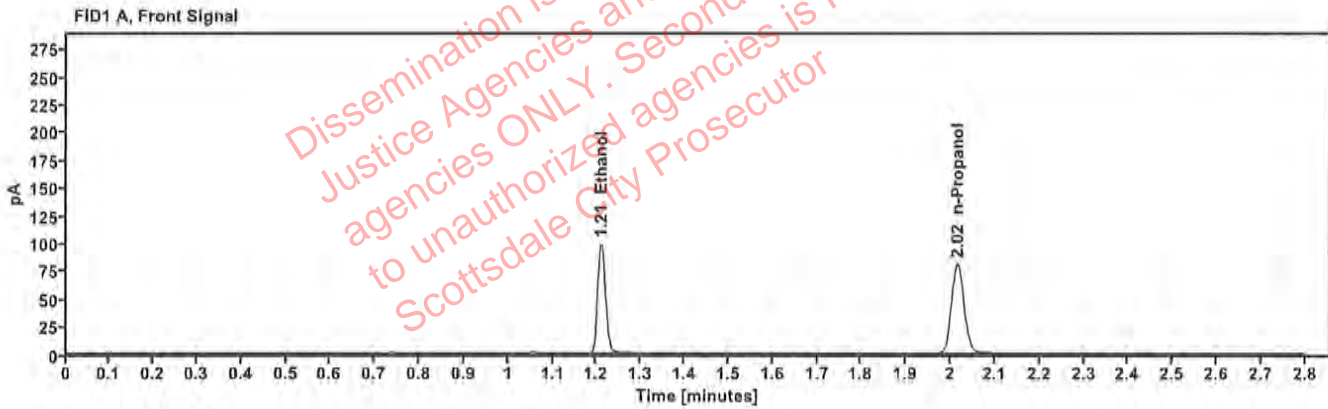


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2032	1.210	126.250
n-Propanol	—	2.015	160.923

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

Compound	Time (min)	Peak Area
Ethanol	1.357	137.927
n-Propanol	2.435	174.623

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:59:48 PM
Data file:	C:\Chem32\1\Data\17May23\20.D	Analyst:	Canonico <i>EC</i>

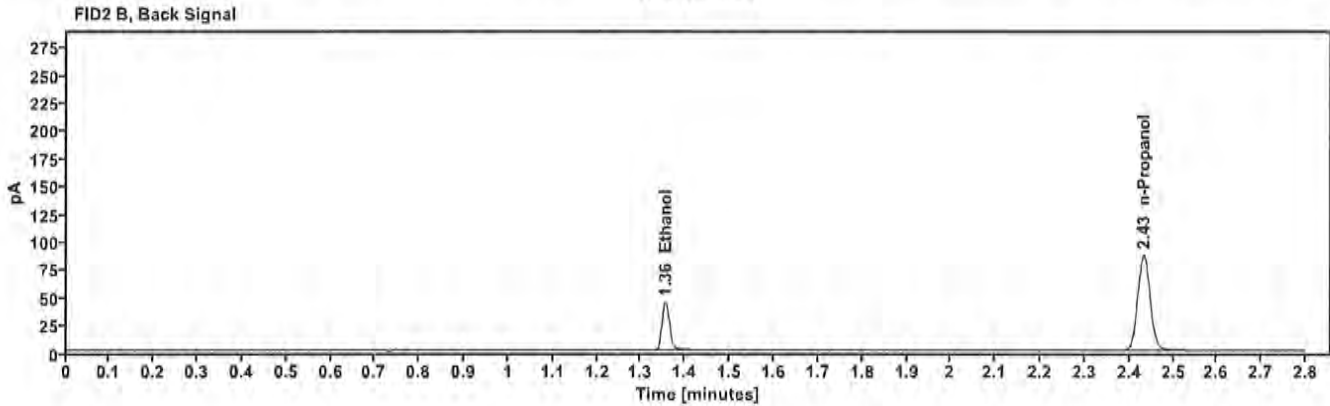
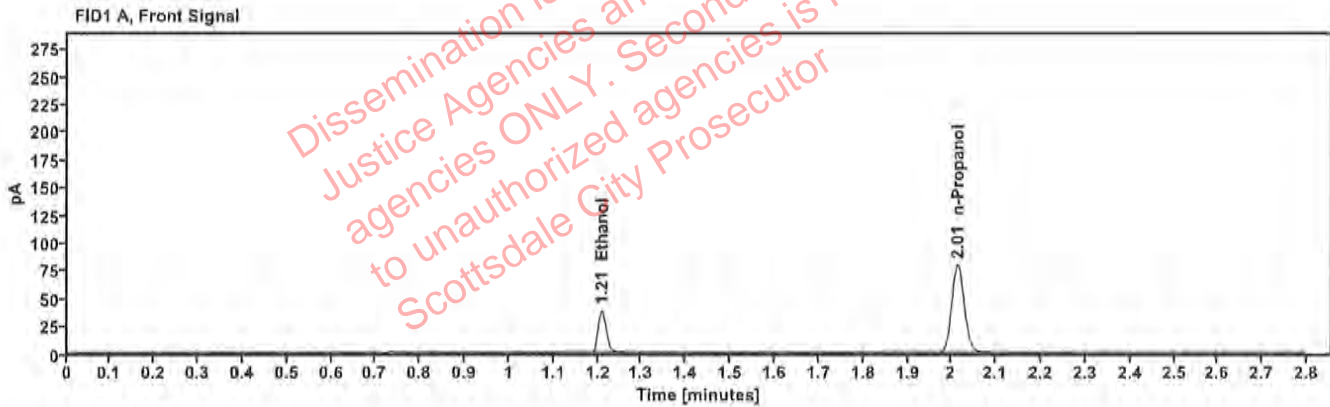


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0792	1.209	48.290
n-Propanol	-----	2.014	157.794

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

Compound	Time (min)	Peak Area
Ethanol	1.355	52.711
n-Propanol	2.432	171.689

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/10	Vial:	31
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:44:18 PM
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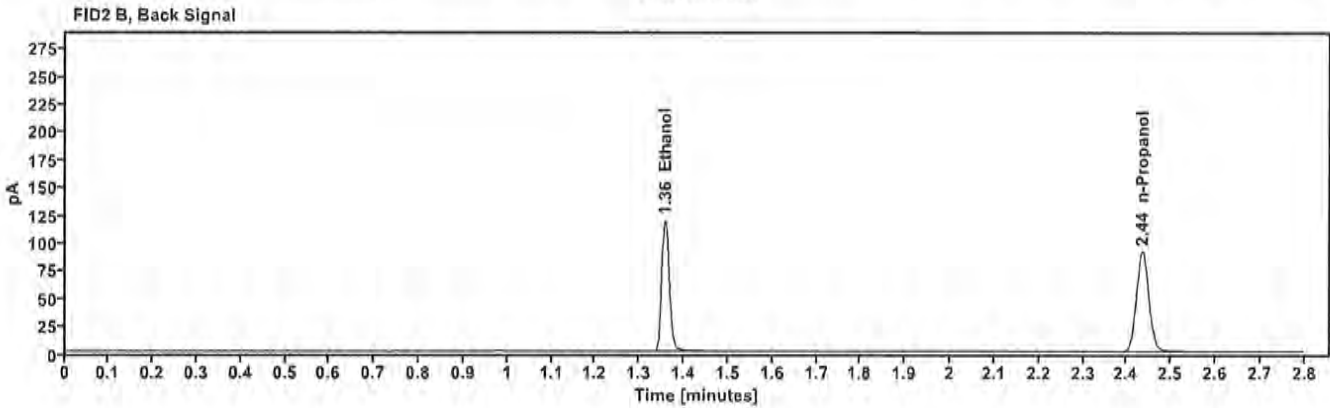
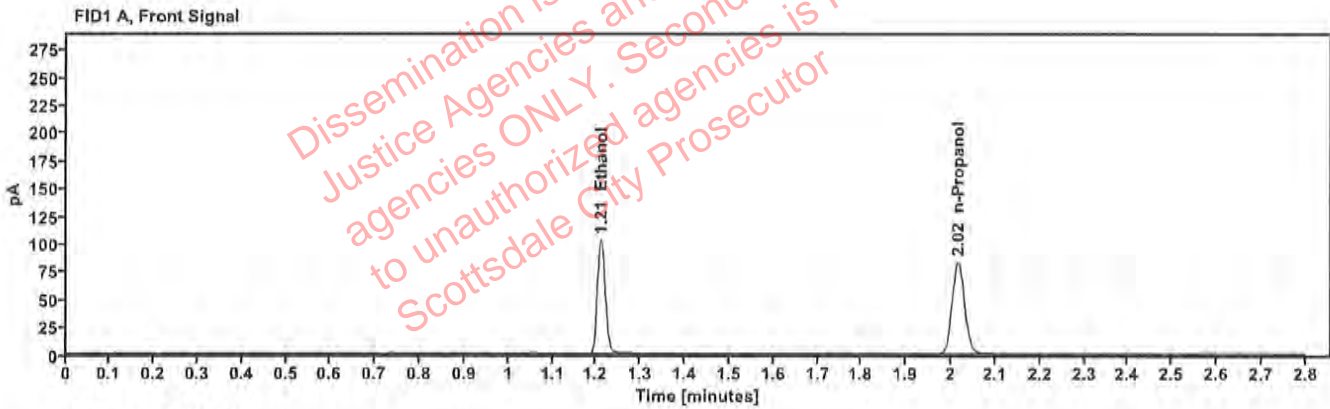


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2052	1.210	130.971
n-Propanol	-----	2.015	165.319

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

Compound	Time (min)	Peak Area
Ethanol	1.357	143.730
n-Propanol	2.435	179.615

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	42
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:28:33 PM
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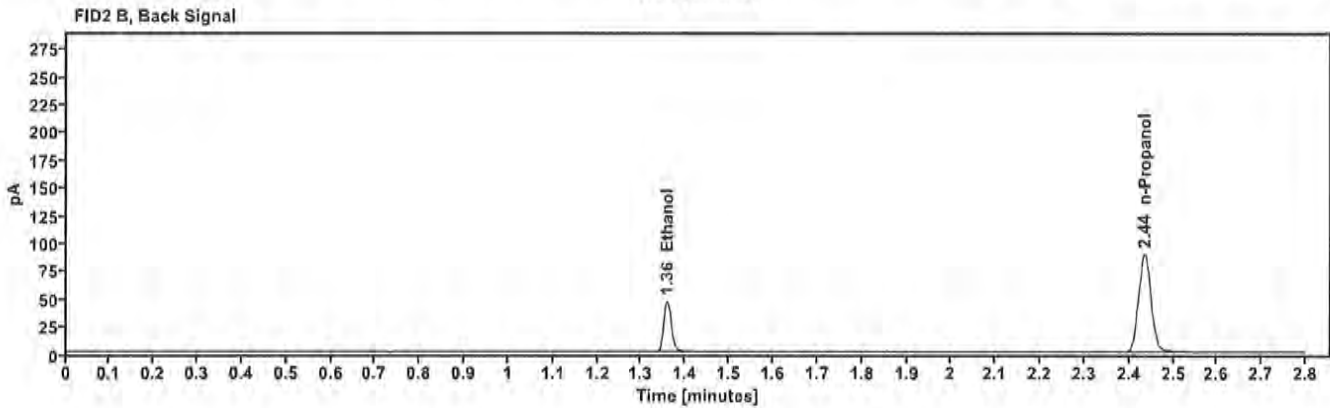
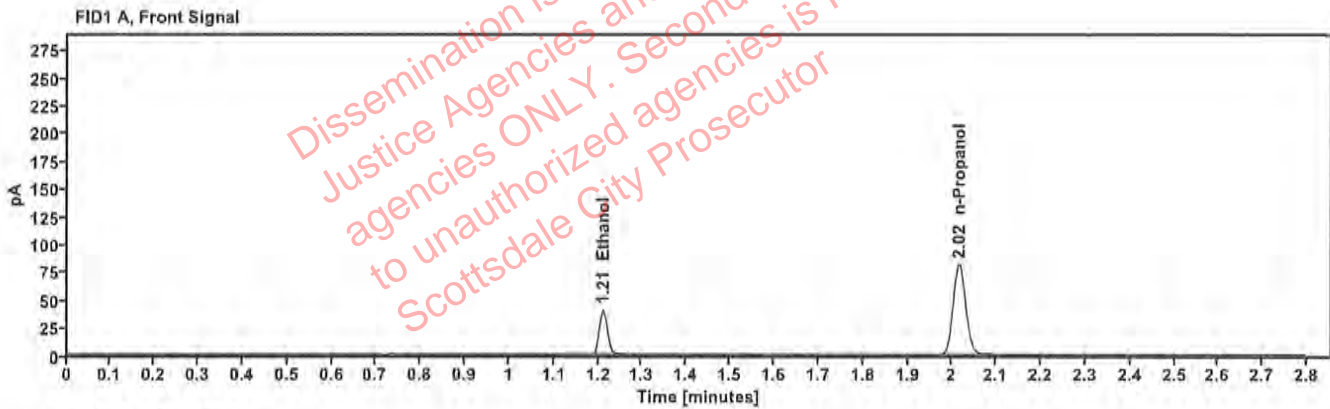


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0820	1.211	51.427
n-Propanol	-----	2.015	162.361

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

Compound	Time (min)	Peak Area
Ethanol	1.358	56.064
n-Propanol	2.435	176.314

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	53
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 3:13:03 PM
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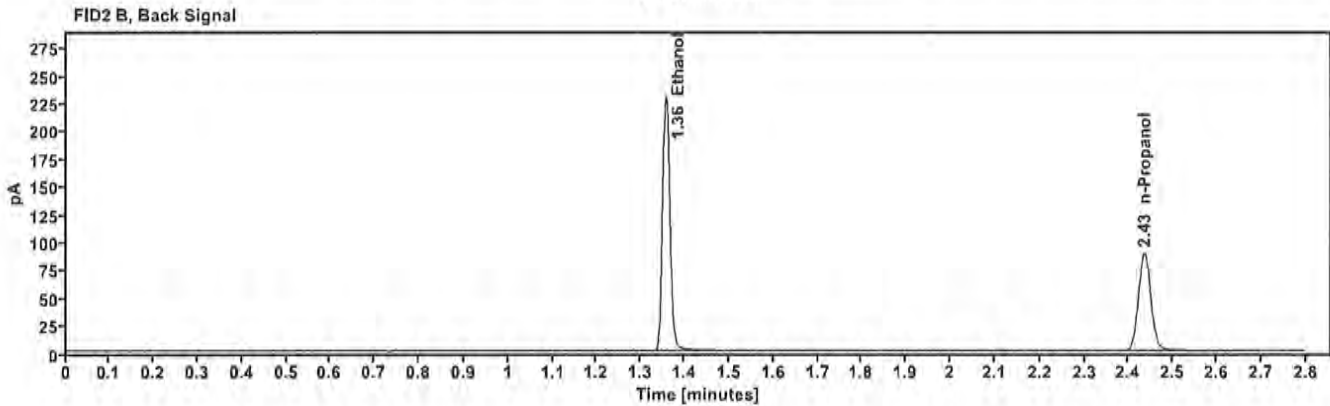
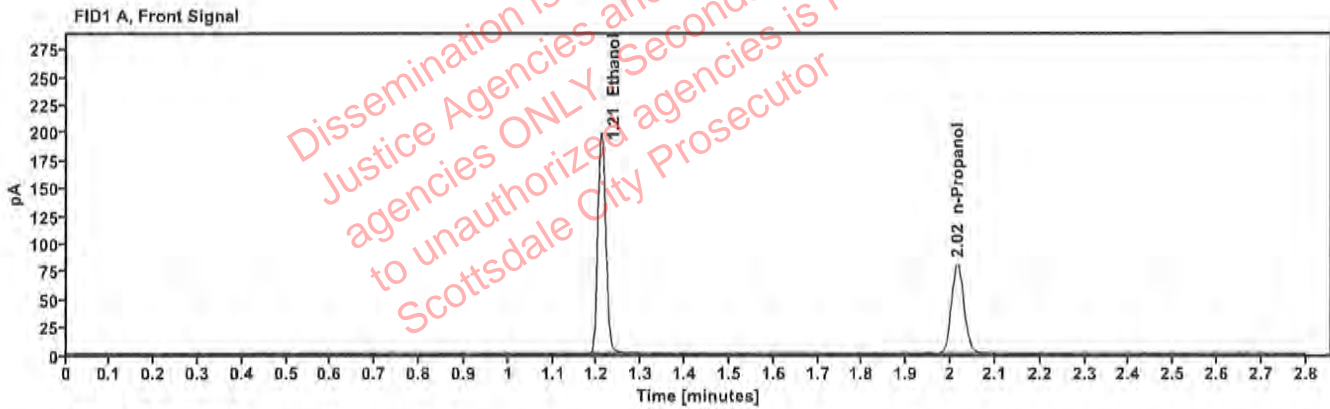


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4060	1.209	253.169
n-Propanol	---	2.015	161.496

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

Compound	Time (min)	Peak Area
Ethanol	1.357	277.821
n-Propanol	2.435	175.460

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	54
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 3:17:03 PM
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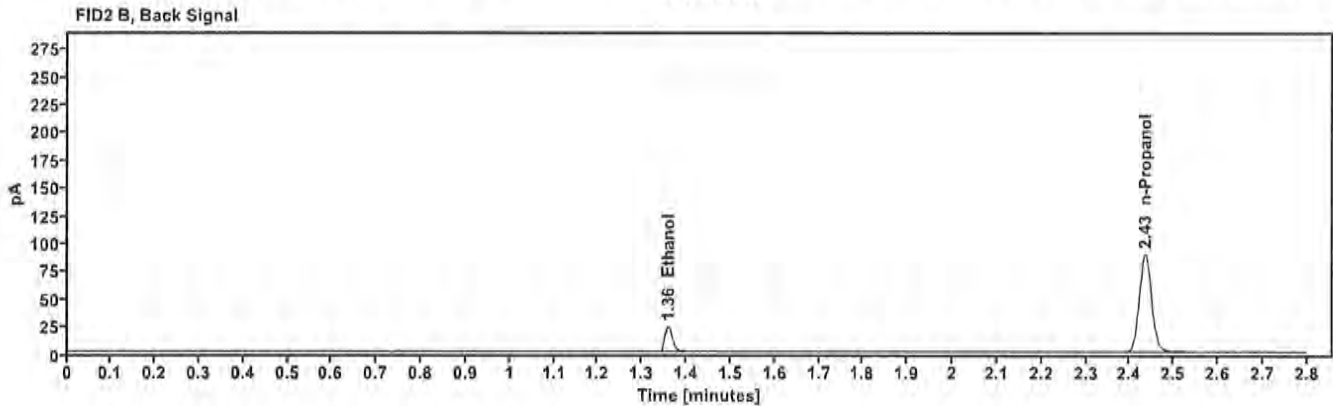
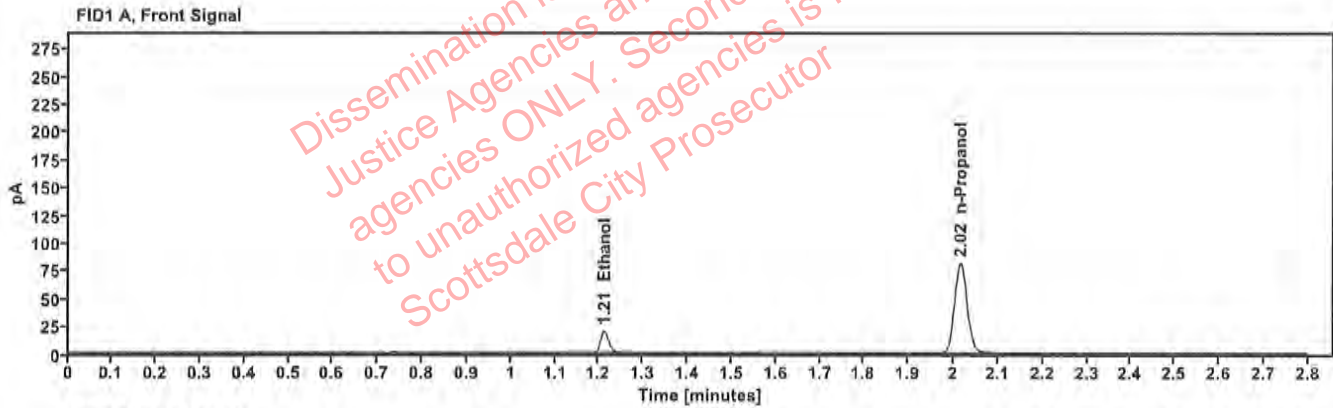


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0406	1.212	25.397
n-Propanol	-----	2.015	161.955

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

Compound	Time (min)	Peak Area
Ethanol	1.358	27.640
n-Propanol	2.435	176.065



# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/10	Vial:	55
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 3:21:18 PM
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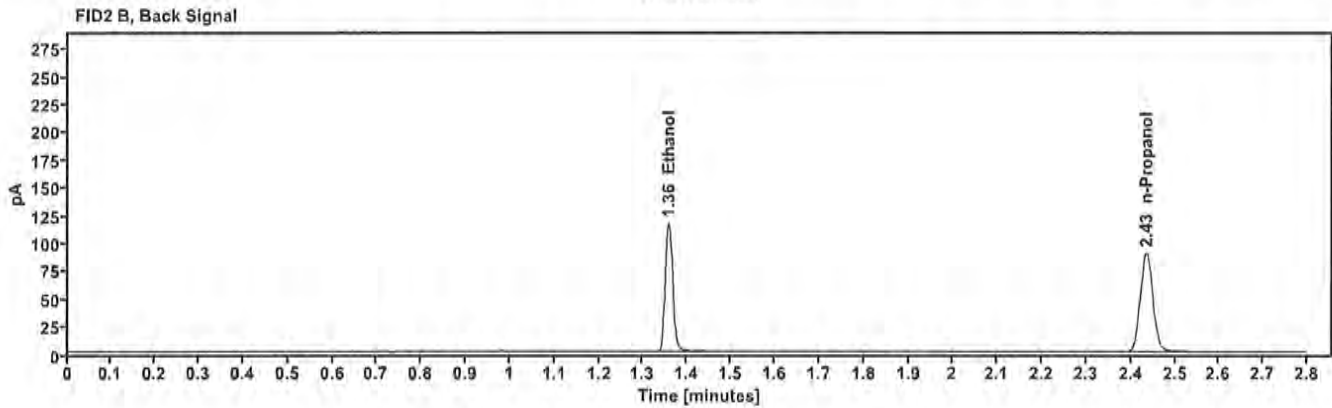
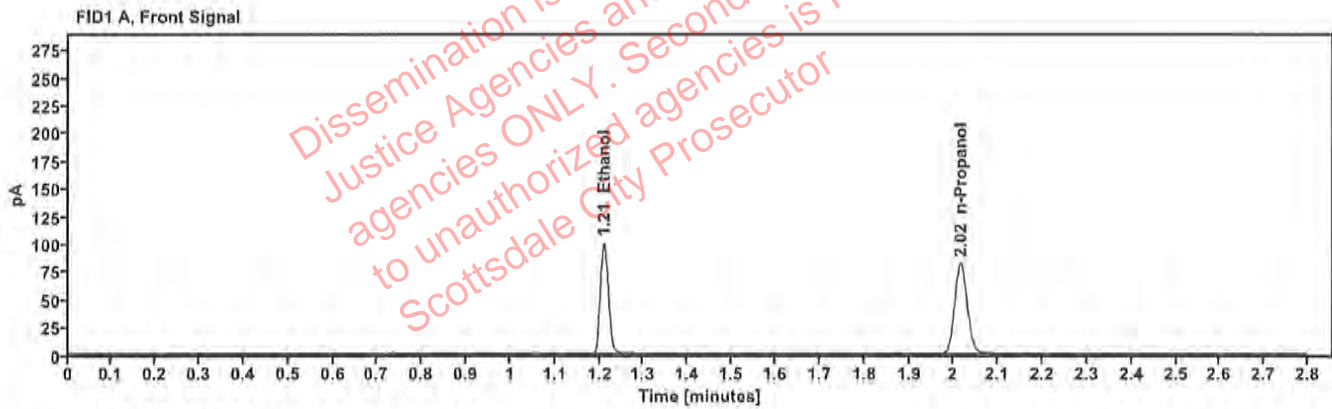


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2035	1.210	128,360
n-Propanol	-----	2.015	163,348

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

Compound	Time (min)	Peak Area
Ethanol	1.357	140,559
n-Propanol	2.435	177,633

# Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	031623AQ	<b>Vial:</b>	56
<b>Description:</b>	Negative	<b>LIMS ID:</b>	
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	17May23
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	5/17/2023 3:25:18 PM
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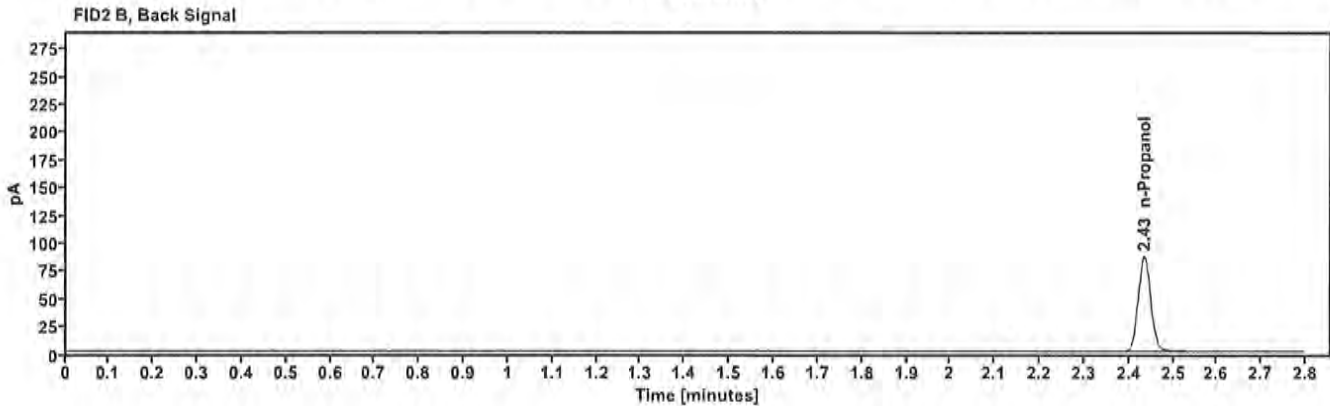
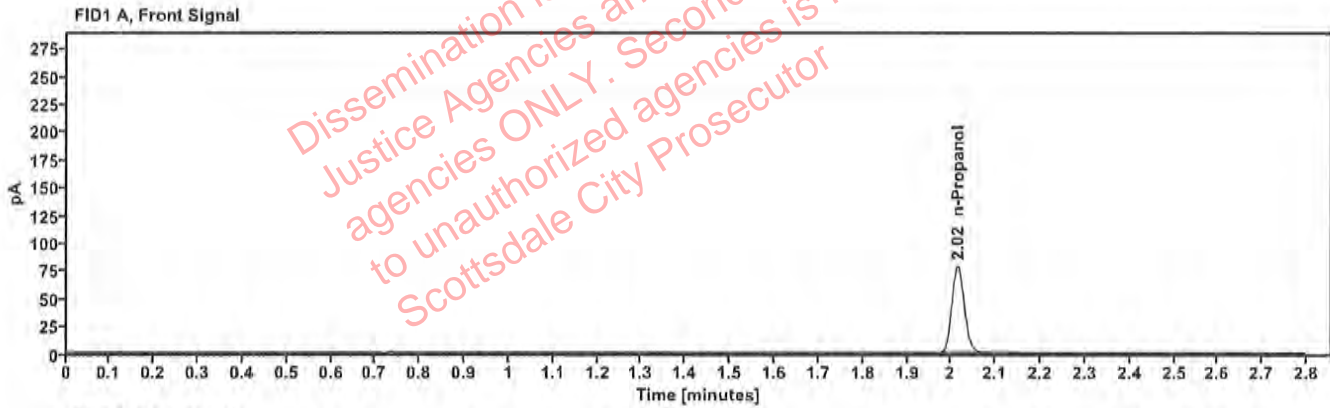


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.015	156.731

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

Compound	Time (min)	Peak Area
n-Propanol	2.434	170.114

# Sequence Summary

Sequence name: 17May23      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	2307416-9		Sample		ethanol quant.M
11	2307416-9		Sample		ethanol quant.M
12	423-01S.G.		Sample		ethanol quant.M
13	423-01S.G.		Sample		ethanol quant.M
14	382-01J.R.		Sample		ethanol quant.M
15	382-01J.R.		Sample		ethanol quant.M
16	408-01C.M.		Sample		ethanol quant.M
17	408-01C.M.		Sample		ethanol quant.M
18	2309013-3		Sample		ethanol quant.M
19	2309013-3		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	2308072-2		Sample		ethanol quant.M
22	2308072-2		Sample		ethanol quant.M
23	2307667-2		Sample		ethanol quant.M
24	2307667-2		Sample		ethanol quant.M
25	2309367-2		Sample		ethanol quant.M
26	2309367-2		Sample		ethanol quant.M
27	2308838-3		Sample		ethanol quant.M
28	2308838-3		Sample		ethanol quant.M
29	2309399-2		Sample		ethanol quant.M
30	2309399-2		Sample		ethanol quant.M
31	4110320133/10	0.199	Control		ethanol quant.M
32	2309488-2		Sample		ethanol quant.M
33	2309488-2		Sample		ethanol quant.M
34	2309445-2		Sample		ethanol quant.M
35	2309445-2		Sample		ethanol quant.M
36	2309025-2		Sample		ethanol quant.M
37	2309025-2		Sample		ethanol quant.M
38	2309692-2		Sample		ethanol quant.M
39	2309692-2		Sample		ethanol quant.M
40	2309747-1		Sample		ethanol quant.M
41	2309747-1		Sample		ethanol quant.M
42	20012020-B	0.080	Control		ethanol quant.M
43	2309874-2		Sample		ethanol quant.M
44	2309874-2		Sample		ethanol quant.M
45	VIAL000157		Sample		ethanol quant.M
46	VIAL000157		Sample		ethanol quant.M
47	VIAL000129		Sample		ethanol quant.M

# Sequence Summary


ee

48	VIAL000129		Sample		ethanol quant.M
49	VIAL000202		Sample		ethanol quant.M
50	VIAL000202		Sample		ethanol quant.M
51	VIAL000264		Sample		ethanol quant.M
52	VIAL000264		Sample		ethanol quant.M
53	30012020-A	0.400	Control		ethanol quant.M
54	14082019-B	0.040	Control		ethanol quant.M
55	4110320133/10	0.199	Control		ethanol quant.M
56	031623AQ	Negative	Control		ethanol quant.M

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# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 17May23

ANALYST: Canonico 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0000	0.0000	0.00000	0.00	0.00000
12 13	0.2069	0.2088	0.20785	0.46	0.00095
14 15	0.2434	0.2452	0.24430	0.37	0.00090
16 17	0.1823	0.1858	0.18405	0.95	0.00175
18 19	0.1442	0.1432	0.14370	0.35	0.00050
21 22	0.2446	0.2417	0.24315	0.60	0.00145
23 24	0.2534	0.2549	0.25415	0.30	0.00075
25 26	0.1734	0.1722	0.17280	0.35	0.00060
27 28	0.1184	0.1176	0.11800	0.34	0.00040
29 30	0.2206	0.2188	0.21970	0.41	0.00090
32 33	0.1702	0.1693	0.16975	0.27	0.00045
34 35	0.2467	0.2449	0.24580	0.37	0.00090
36 37	0.1241	0.1252	0.12465	0.44	0.00055
38 39	0.1491	0.1486	0.14885	0.17	0.00025
40 41	0.2175	0.2201	0.21880	0.59	0.00130
43 44	0.1007	0.1017	0.10120	0.49	0.00050
45 46	0.0841	0.0838	0.08395	0.18	0.00015
47 48	0.0424	0.0429	0.04265	0.59	0.00025
49 50	0.1277	0.1275	0.12760	0.08	0.00010
51 52	0.3087	0.3088	0.30875	0.02	0.00005

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

## Scottsdale Forensic Lab Blood Alcohol Pipetting Log

ANALYST: Canonico

SEQUENCE: 17May23 EE

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	2307416-9	2307416-9	2307416-9	Yes
Vials 12 and 13	423-01S.G.	423-01S.G.	423-01S.G.	Yes
Vials 14 and 15	382-01J.R.	382-01J.R.	382-01J.R.	Yes
Vials 16 and 17	408-01C.M.	408-01C.M.	408-01C.M.	Yes
Vials 18 and 19	2309013-3	2309013-3	2309013-3	Yes
Vials 21 and 22	2308072-2	2308072-2	2308072-2	Yes
Vials 23 and 24	2307667-2	2307667-2	2307667-2	Yes
Vials 25 and 26	2309367-2	2309367-2	2309367-2	Yes
Vials 27 and 28	2308838-3	2308838-3	2308838-3	Yes
Vials 29 and 30	2309399-2	2309399-2	2309399-2	Yes
Vials 32 and 33	2309488-2	2309488-2	2309488-2	Yes
Vials 34 and 35	2309445-2	2309445-2	2309445-2	Yes
Vials 36 and 37	2309025-2	2309025-2	2309025-2	Yes
Vials 38 and 39	2309692-2	2309692-2	2309692-2	Yes
Vials 40 and 41	2309747-1	2309747-1	2309747-1	Yes
Vials 43 and 44	2309874-2	2309874-2	2309874-2	Yes
Vials 45 and 46	VIAL000157	VIAL000157	VIAL000157	Yes
Vials 47 and 48	VIAL000129	VIAL000129	VIAL000129	Yes
Vials 49 and 50	VIAL000202	VIAL000202	VIAL000202	Yes
Vials 51 and 52	VIAL000264	VIAL000264	VIAL000264	Yes

: Canonico, Erika - (18-May-2023)

Case: User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2307416-9	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:19:18 PM
Data file:	C:\Chem32\1\Data\17May23\10.D	Analyst:	Canonico

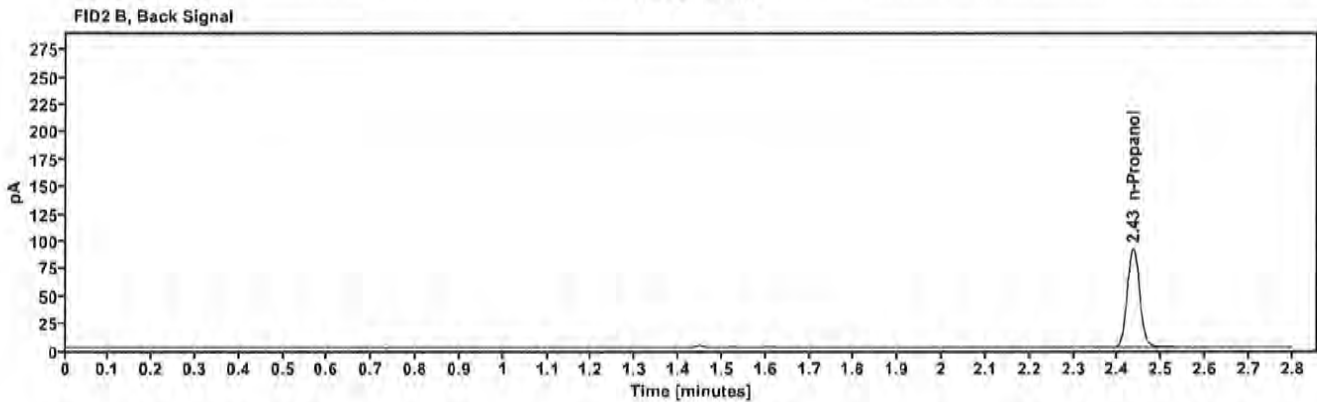
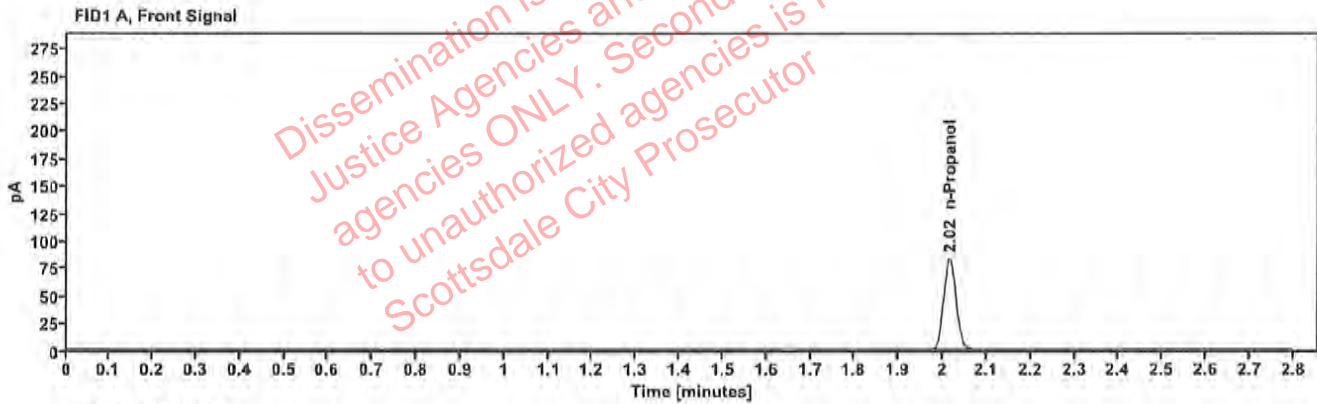


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.015	165.506

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

Compound	Time (min)	Peak Area
n-Propanol	2.435	179.839

[REDACTED] : Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2307416-9	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:23:18 PM
Data file:	C:\Chem32\1\Data\17May23\11.D	Analyst:	Canonico

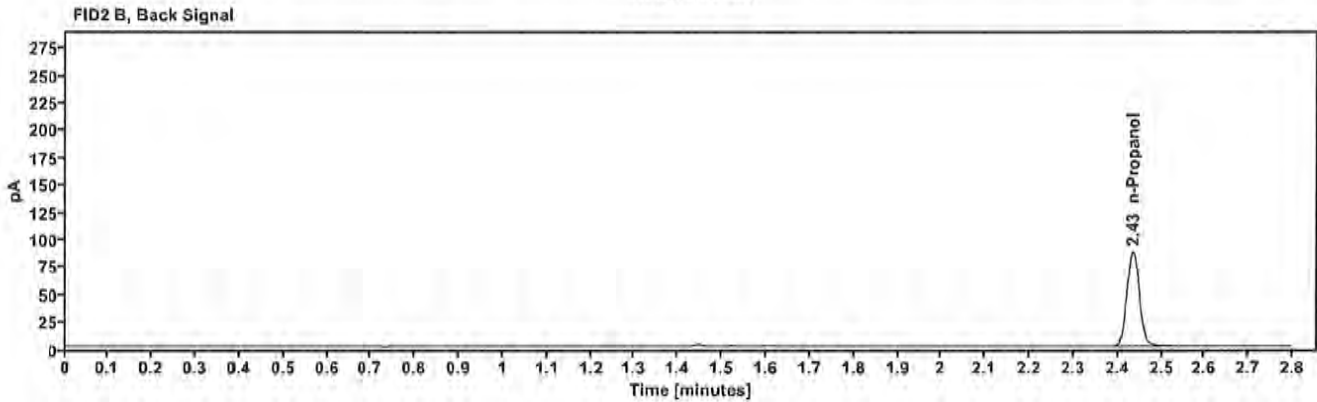
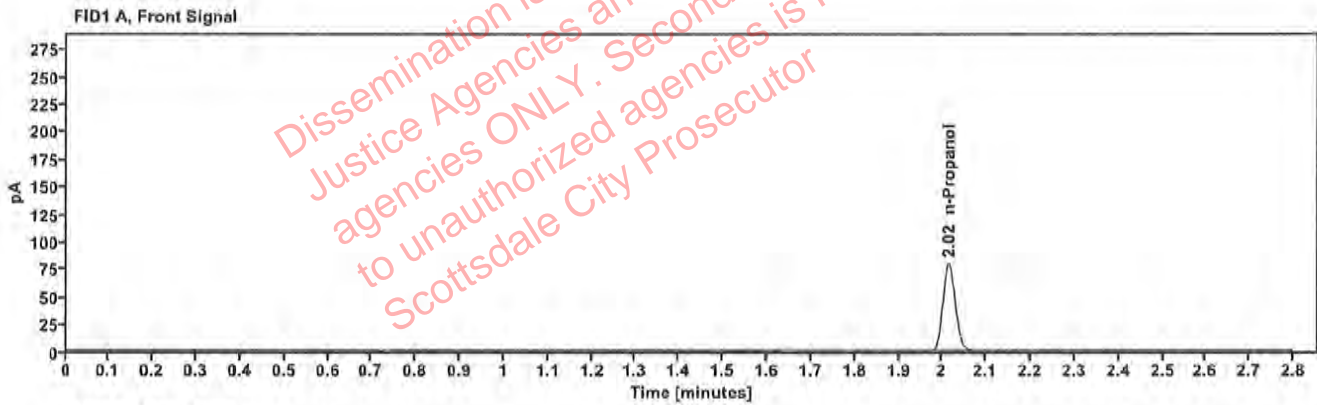


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.015	157.850

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

Compound	Time (min)	Peak Area
n-Propanol	2.435	171.630



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	423-01S.G.	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:27:18 PM
Data file:	C:\Chem32\1\Data\17May23\12.D	Analyst:	Canonico

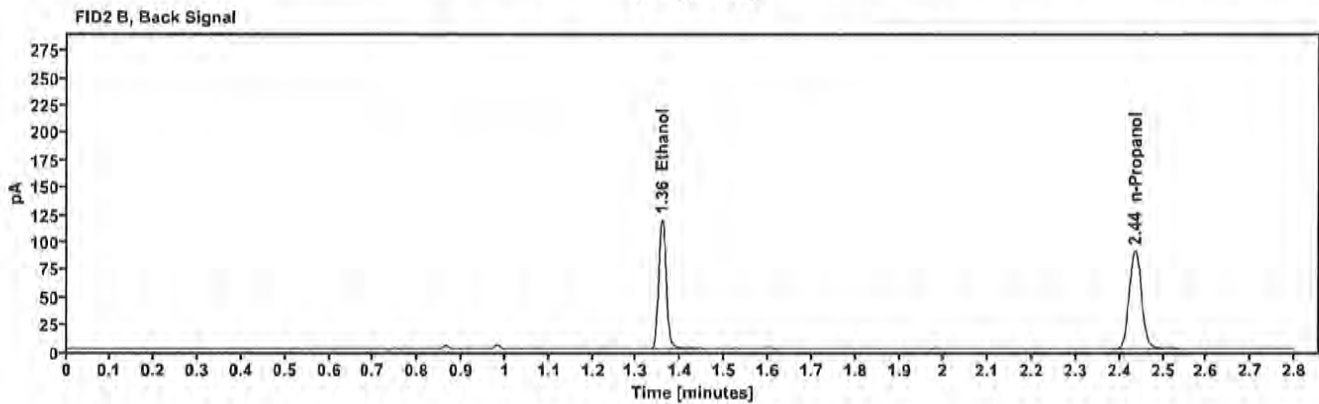
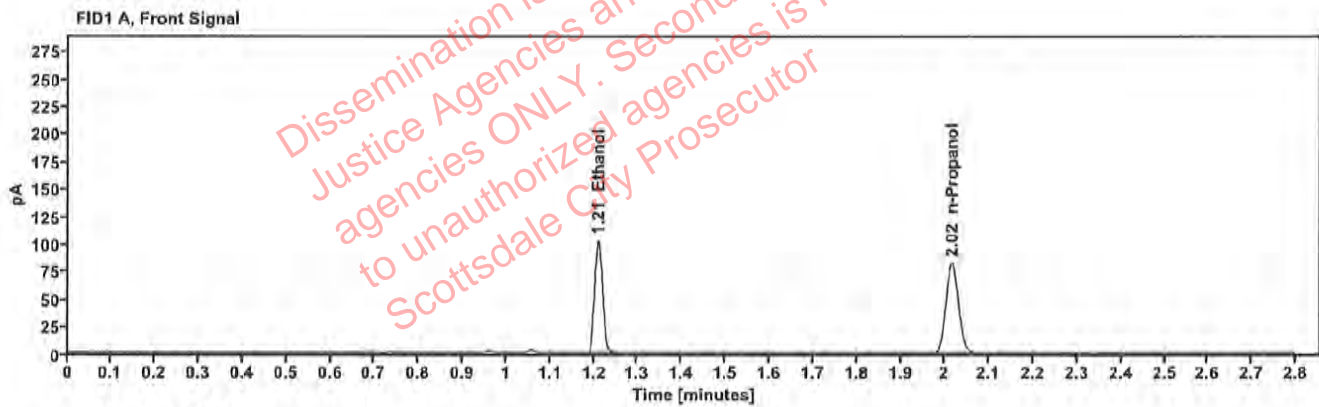


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2069	1.210	131.020
n-Propanol	---	2.015	164.035

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

Compound	Time (min)	Peak Area
Ethanol	1.357	143.212
n-Propanol	2.435	178.216

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	423-01S.G.	Vial:	13
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:31:33 PM
Data file:	C:\Chem32\1\Data\17May23\13.D	Analyst:	Canonico

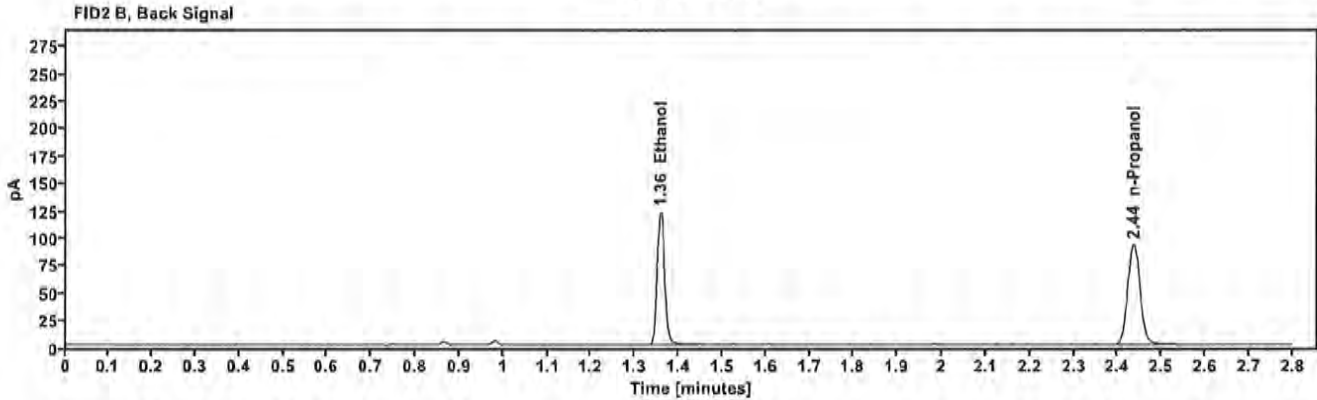
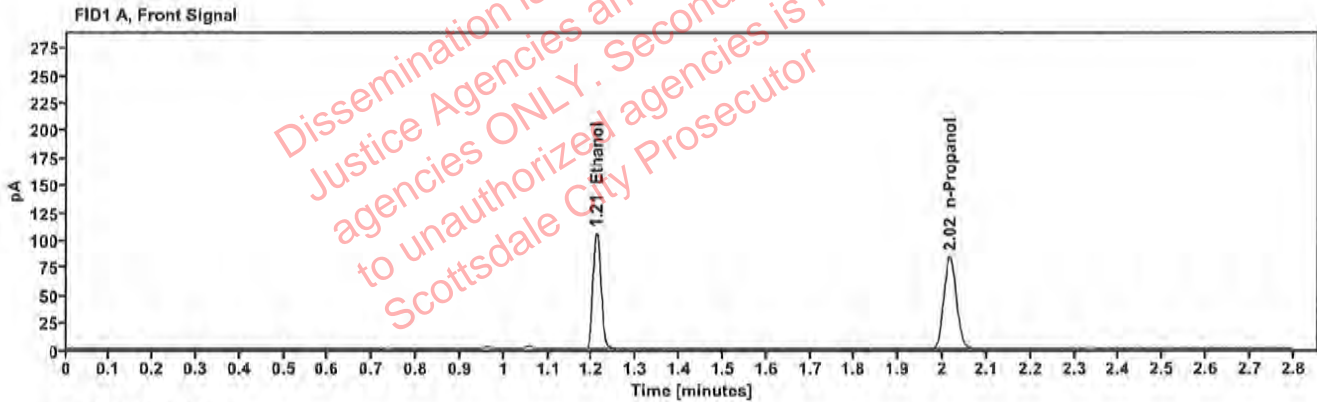


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2088	1.210	134.961
n-Propanol	—	2.016	167.382

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

Compound	Time (min)	Peak Area
Ethanol	1.358	147.426
n-Propanol	2.436	181.847

[REDACTED]: Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	382-01J.R.	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:35:33 PM
Data file:	C:\Chem32\1\Data\17May23\14.D	Analyst:	Canonico

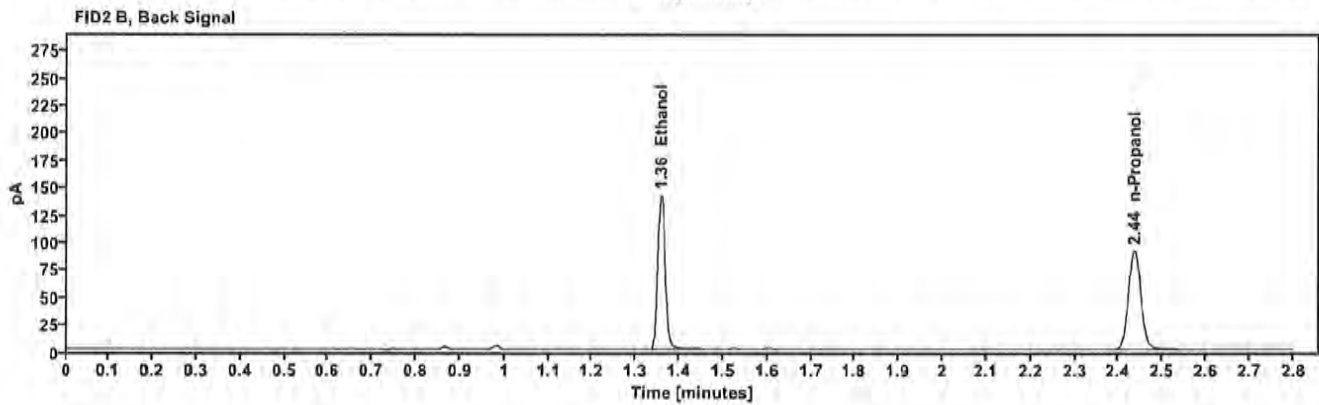
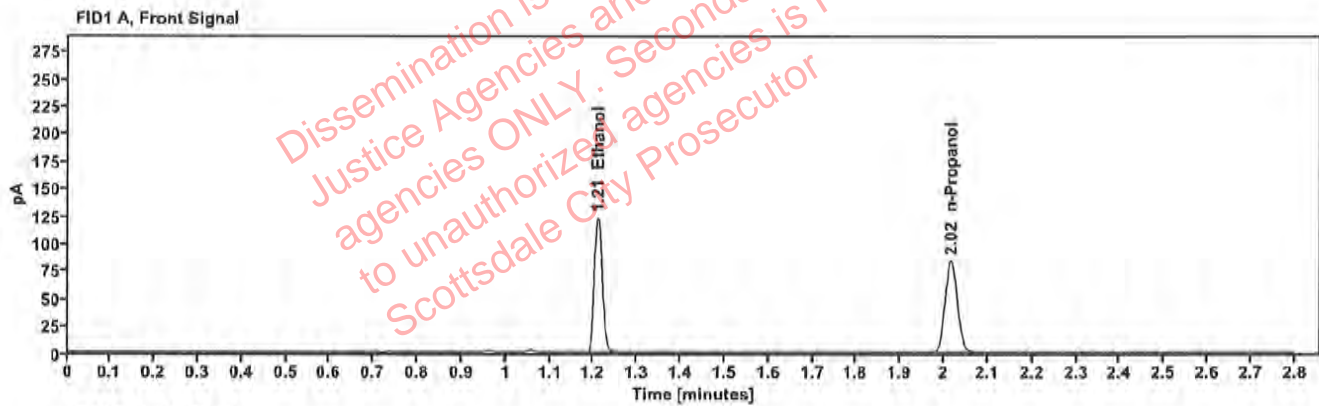


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2434	1.210	156.047
n-Propanol	—	2.016	166.059

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

Compound	Time (min)	Peak Area
Ethanol	1.357	170.969
n-Propanol	2.435	180.301

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	382-01J.R.	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:39:33 PM
Data file:	C:\Chem32\1\Data\17May23\15.D	Analyst:	Canonico

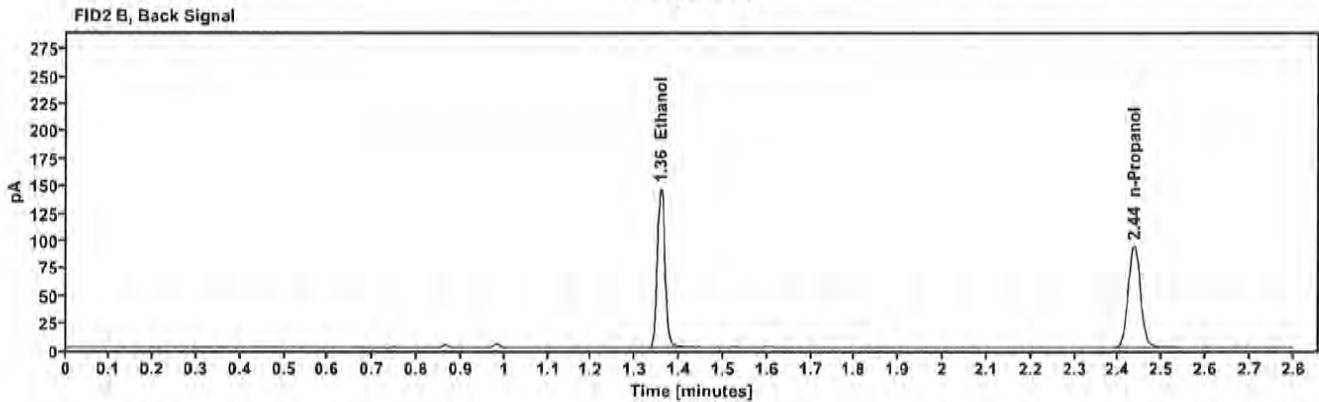
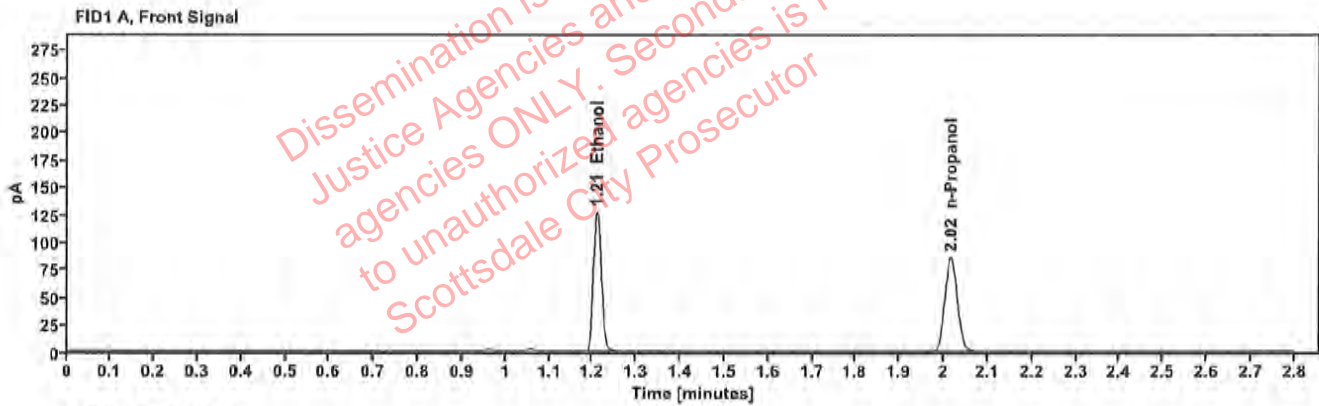


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2452	1.210	161.292
n-Propanol	—	2.016	170.335

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

Compound	Time (min)	Peak Area
Ethanol	1.357	176.422
n-Propanol	2.435	185.023

[REDACTED]: Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	408-01C.M.	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:43:32 PM
Data file:	C:\Chem32\1\Data\17May23\16.D	Analyst:	Canonico

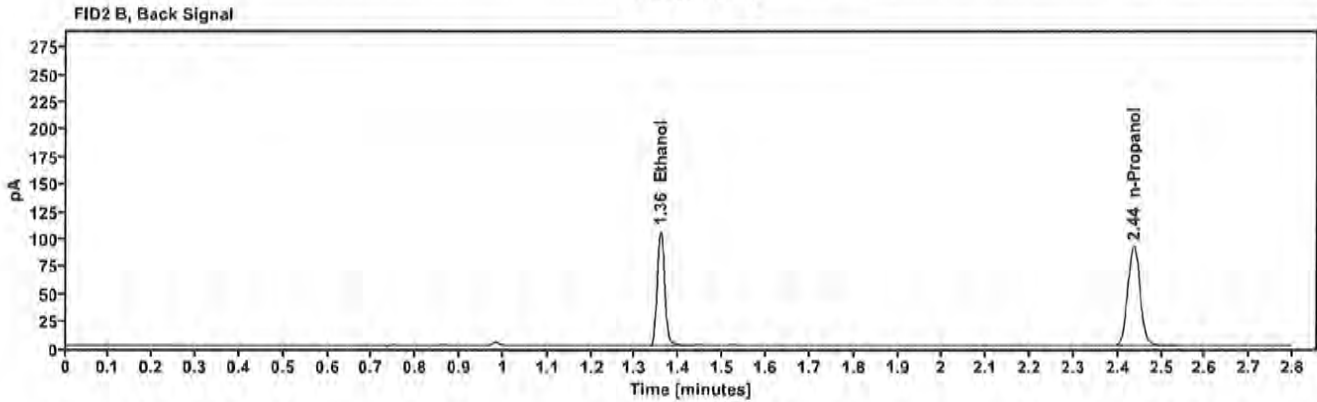
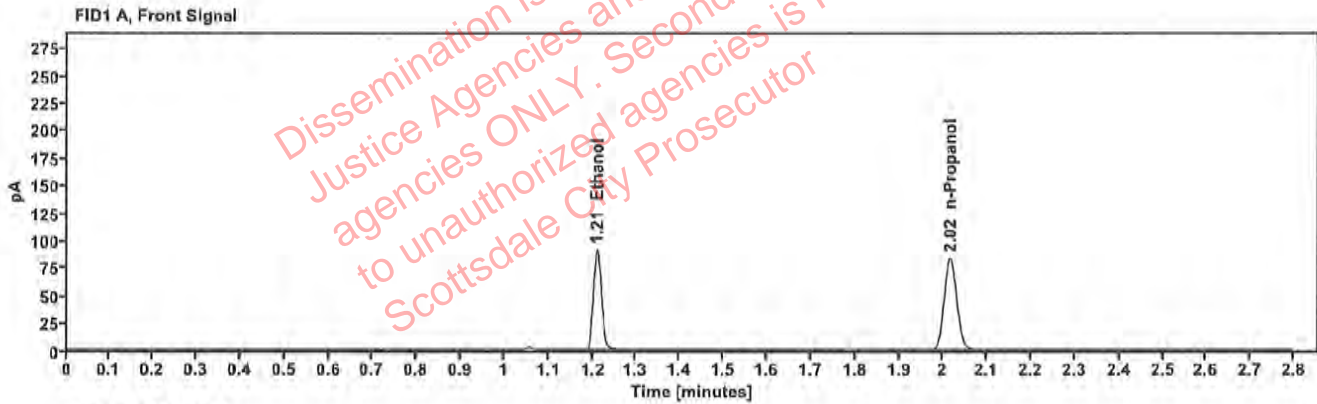


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1823	1.210	117.053
n-Propanol	---	2.016	166.306

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

Compound	Time (min)	Peak Area
Ethanol	1.358	126.735
n-Propanol	2.435	180.325

[REDACTED]: Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	408-01C.M.	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:47:33 PM
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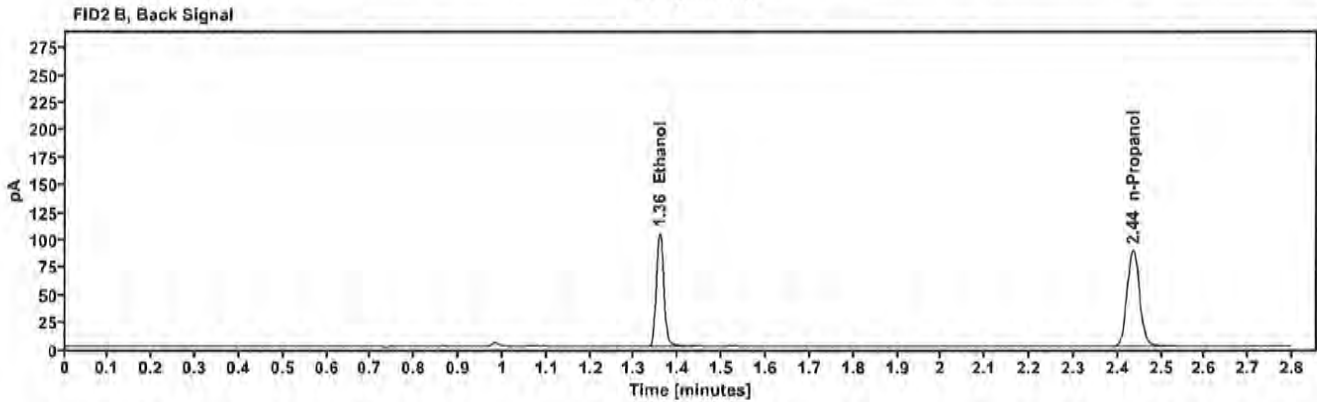
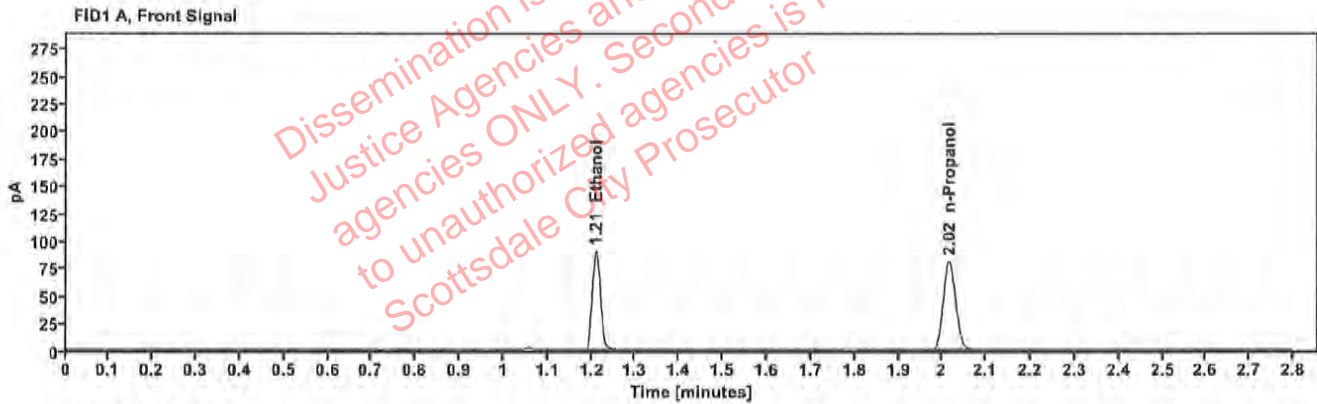


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1858	1.210	116.228
n-Propanol	---	2.016	161.983

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

Compound	Time (min)	Peak Area
Ethanol	1.357	125.944
n-Propanol	2.435	175.828

[REDACTED]: Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309013-3	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:51:33 PM
Data file:	C:\Chem32\1\Data\17May23\18.D	Analyst:	Canonico

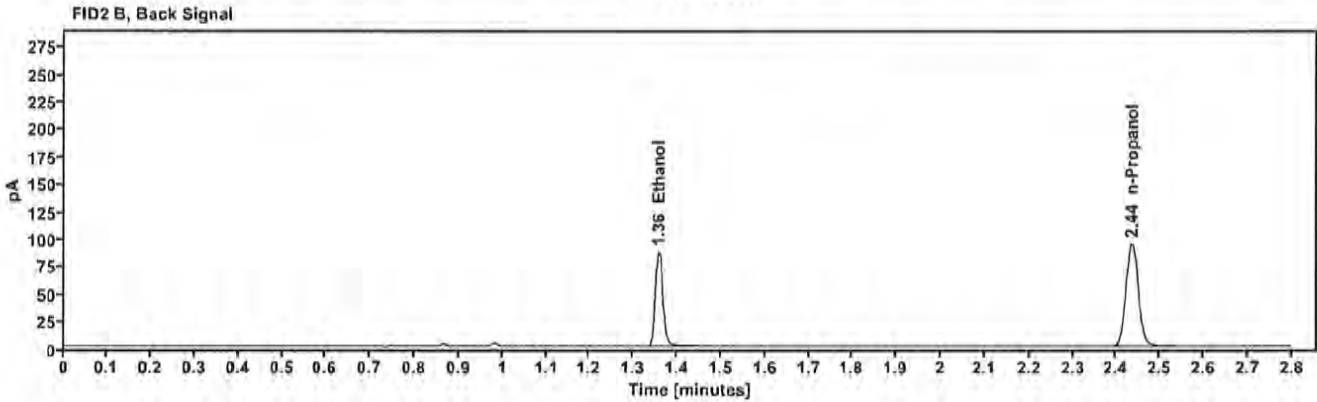
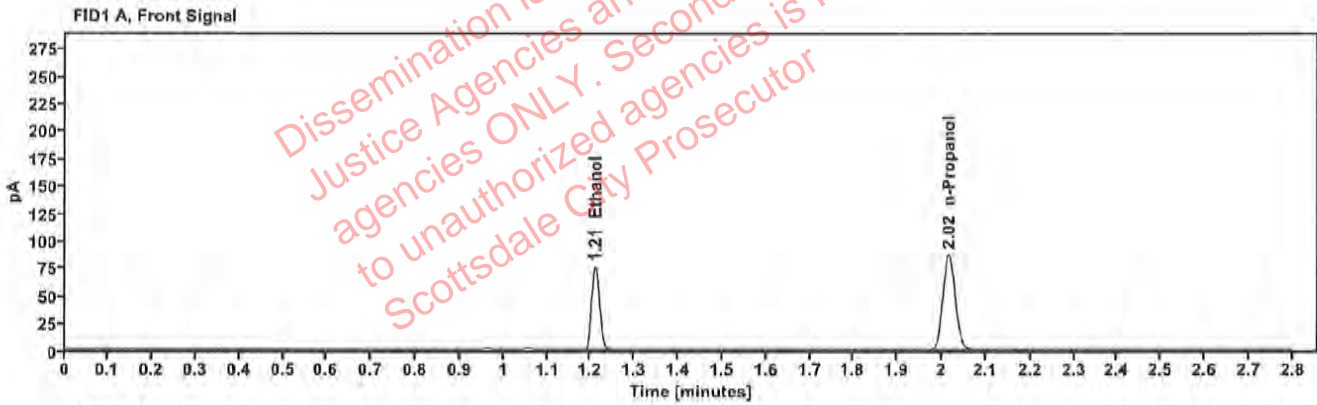


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1442	1.210	96.259
n-Propanol	---	2.015	172.831

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

Compound	Time (min)	Peak Area
Ethanol	1.357	105.297
n-Propanol	2.435	187.871

[REDACTED]: Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309013-3	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 12:55:47 PM
Data file:	C:\Chem32\1\Data\17May23\19.D	Analyst:	Canonico

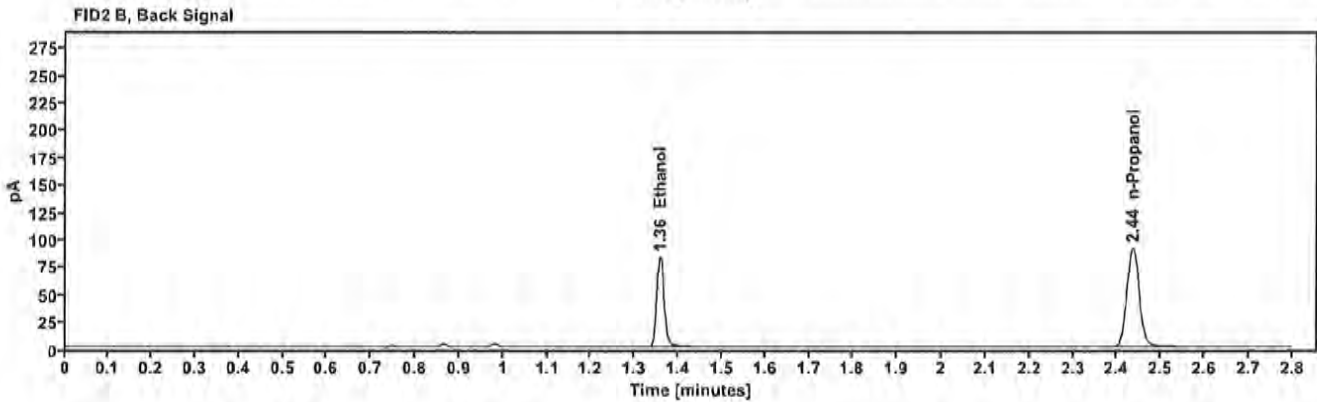
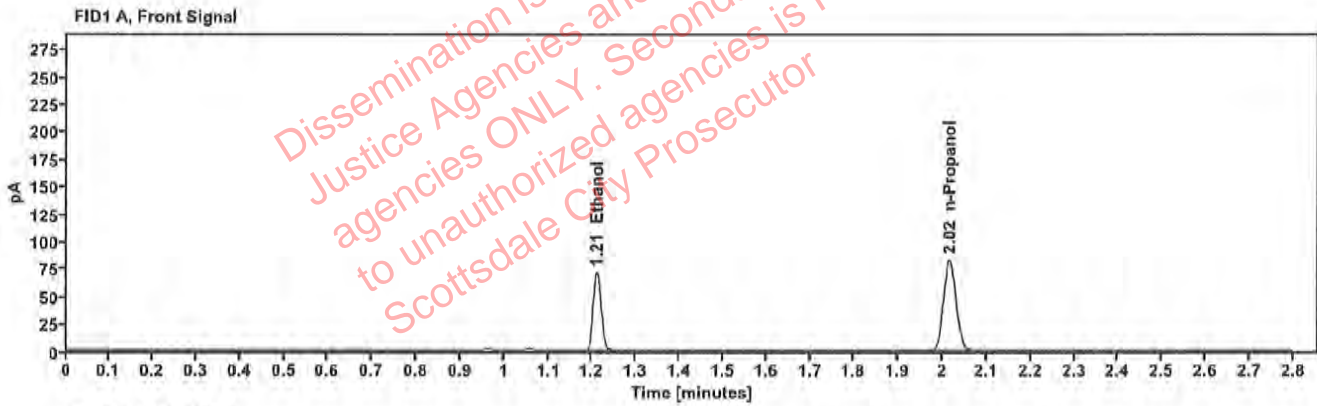


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1432	1.210	91.169
n-Propanol	---	2.015	164.894

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

Compound	Time (min)	Peak Area
Ethanol	1.357	99.553
n-Propanol	2.435	178.996



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2308072-2	Vial:	21
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:03:48 PM
Data file:	C:\Chem32\1\Data\17May23\21.D		
		Analyst:	Canonico

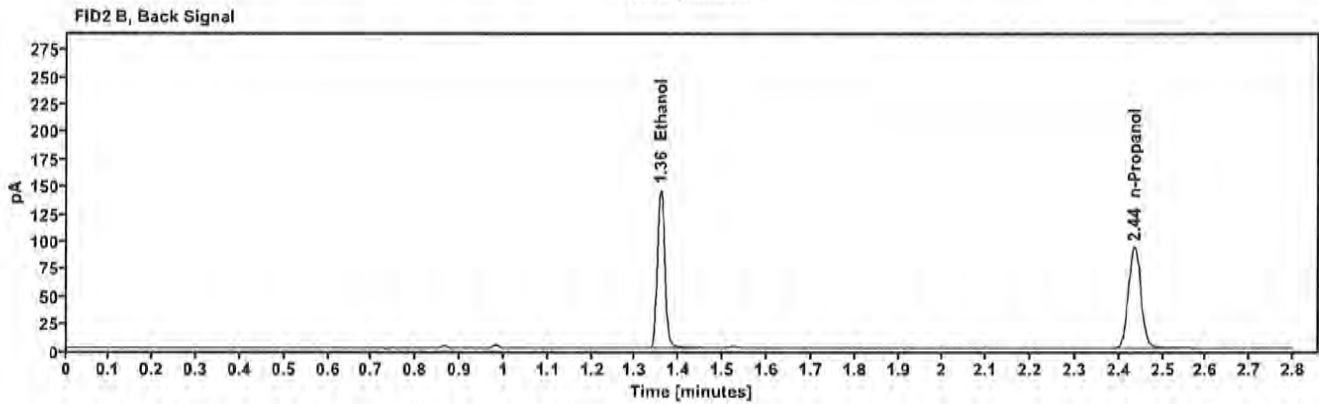
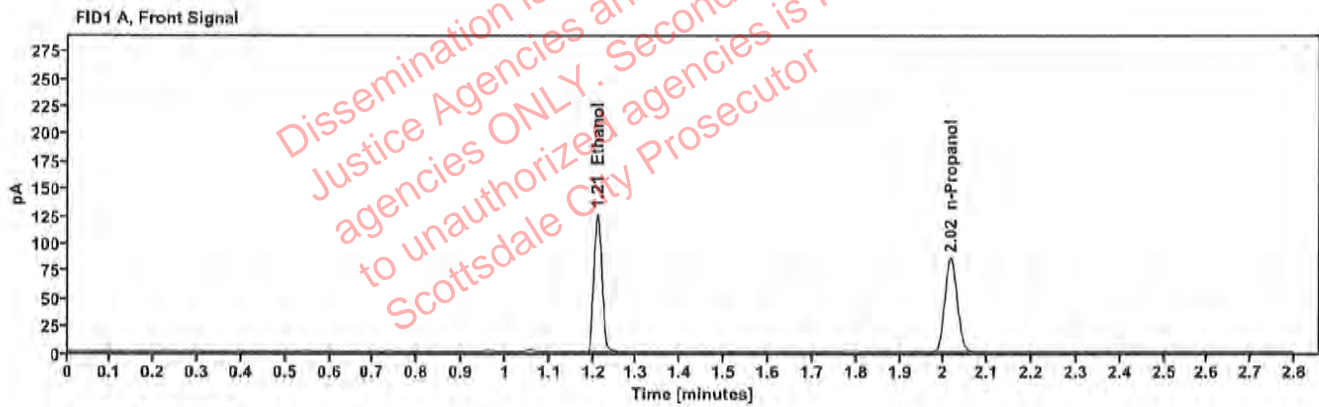


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2446	1.210	160.408
n-Propanol	-----	2.015	169.853

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

Compound	Time (min)	Peak Area
Ethanol	1.357	175.834
n-Propanol	2.435	184.283

Case: [REDACTED] : Canonico, Erika - (18-May-2023)

User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2308072-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:07:48 PM
Data file:	C:\Chem32\1\Data\17May23\22.D	Analyst:	Canonico

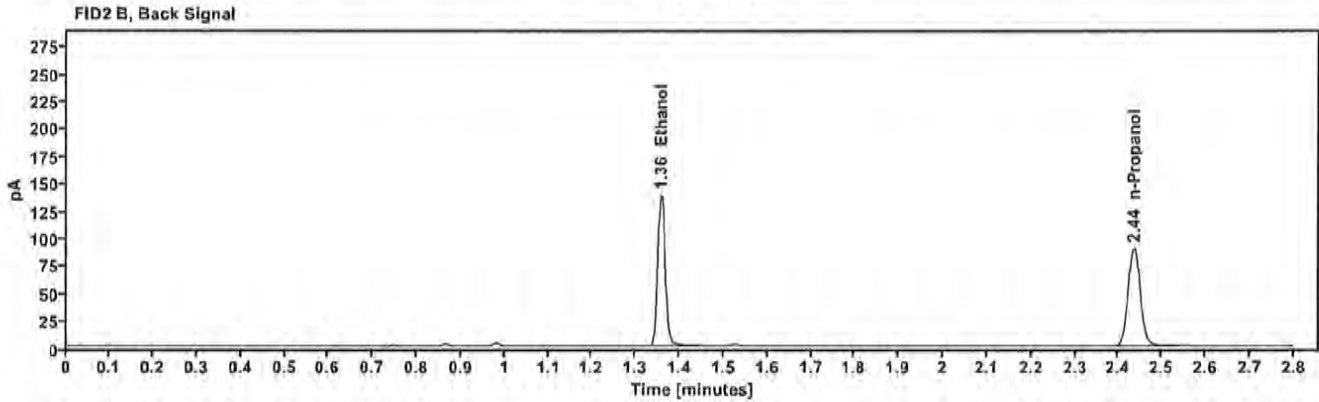
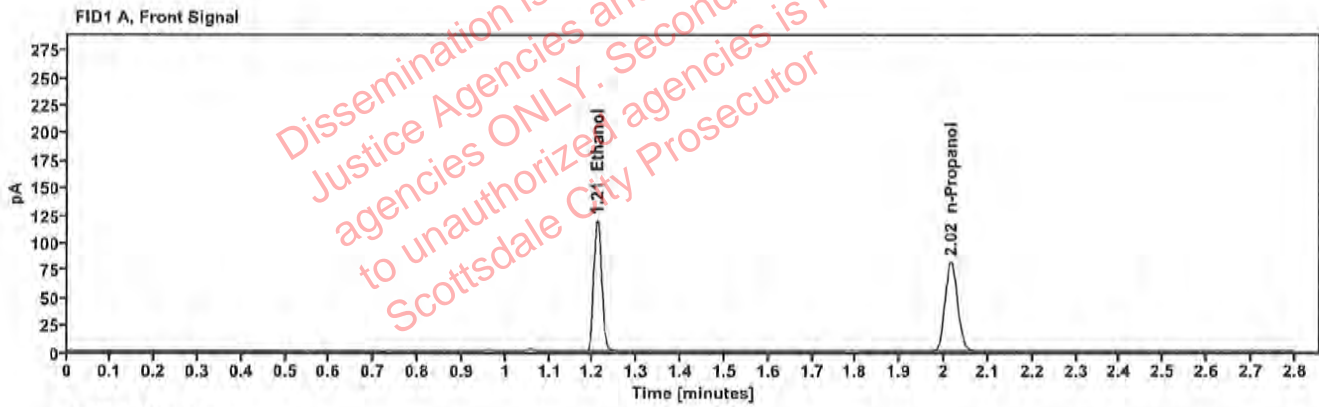


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2417	1.210	152.187
n-Propanol	—	2.015	163.043

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

Compound	Time (min)	Peak Area
Ethanol	1.357	166.751
n-Propanol	2.435	176.751

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2307667-2	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:11:47 PM
Data file:	C:\Chem32\1\Data\17May23\23.D	Analyst:	Canonico

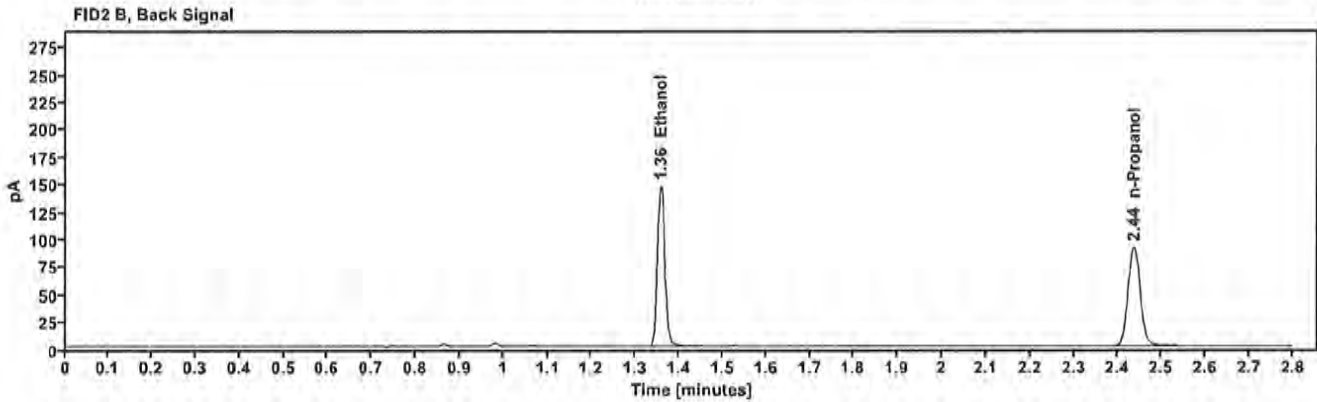
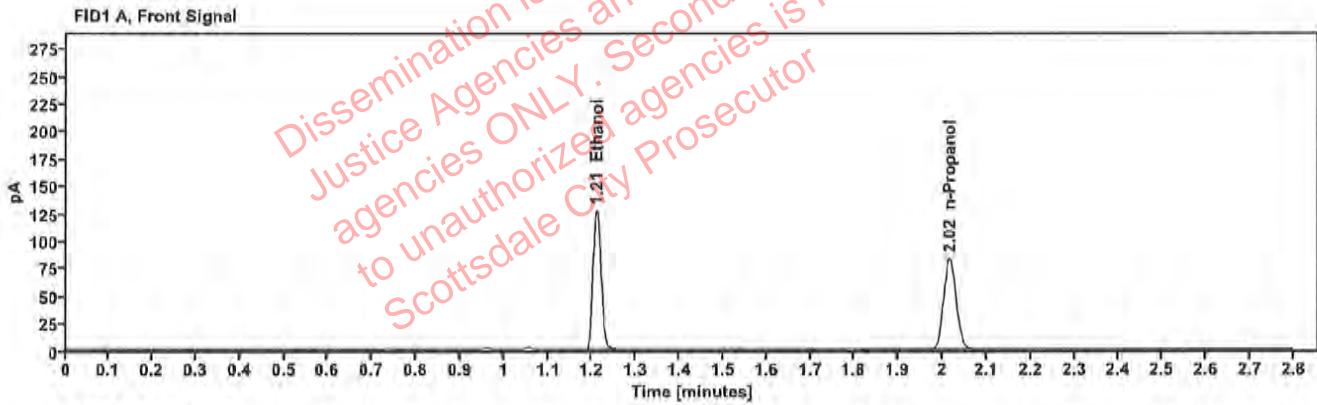


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2534	1.210	161.990
n-Propanol	---	2.016	165.538

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

Compound	Time (min)	Peak Area
Ethanol	1.357	177.446
n-Propanol	2.435	179.569

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2307667-2	Vial:	24
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:15:47 PM
Data file:	C:\Chem32\1\Data\17May23\24.D	Analyst:	Canonico

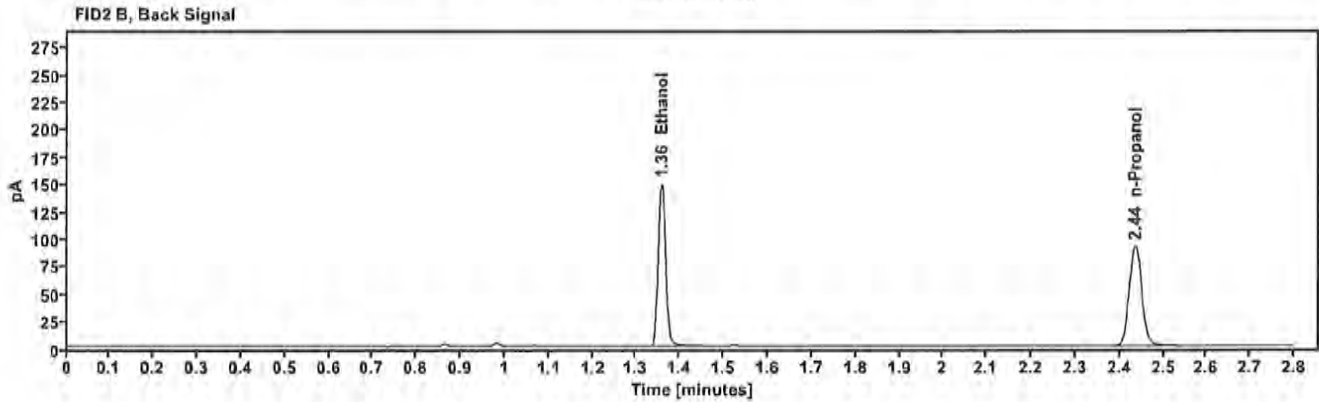
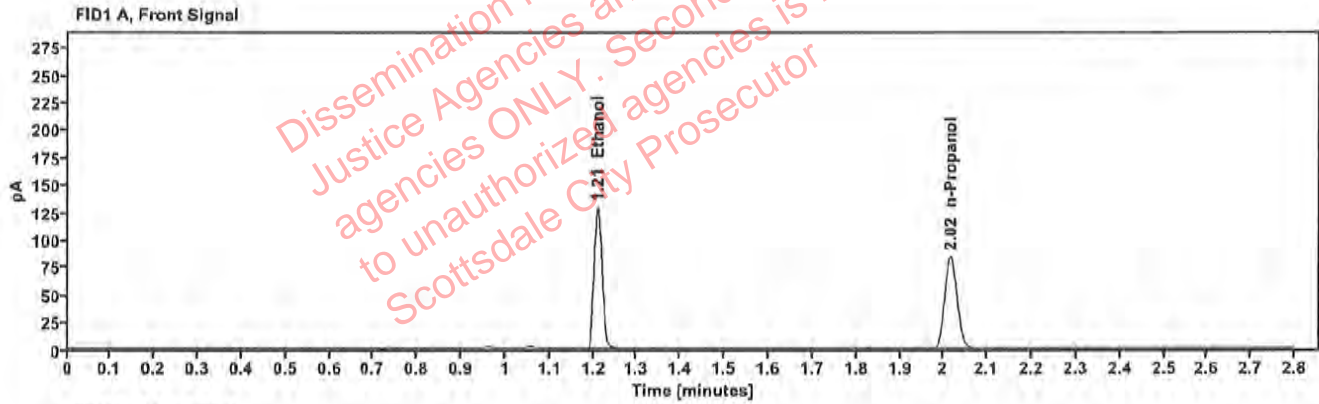


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2549	1.210	164.585
n-Propanol	-----	2.016	167.230

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

Compound	Time (min)	Peak Area
Ethanol	1.358	180.816
n-Propanol	2.436	181.488

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309367-2	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:20:03 PM
Data file:	C:\Chem32\1\Data\17May23\25.D	Analyst:	Canonico

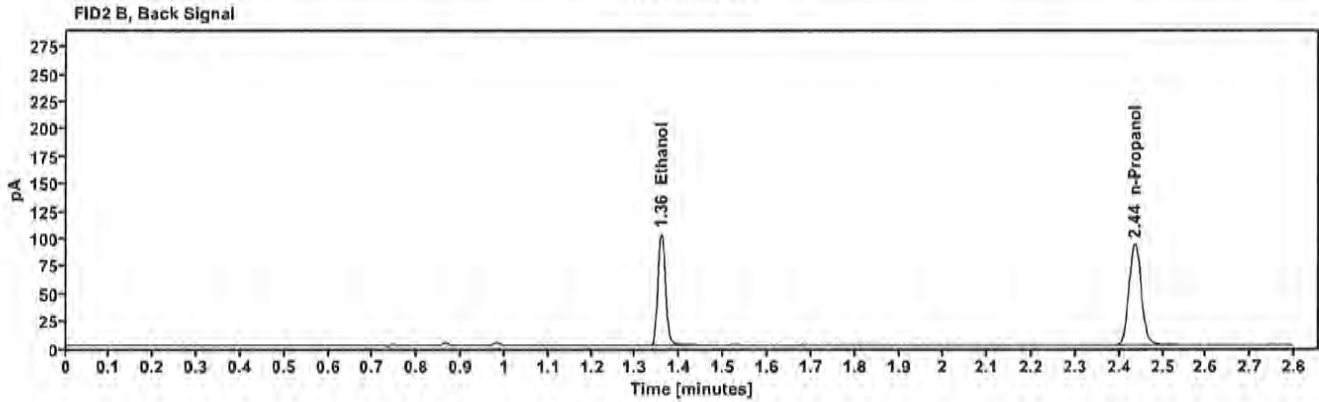
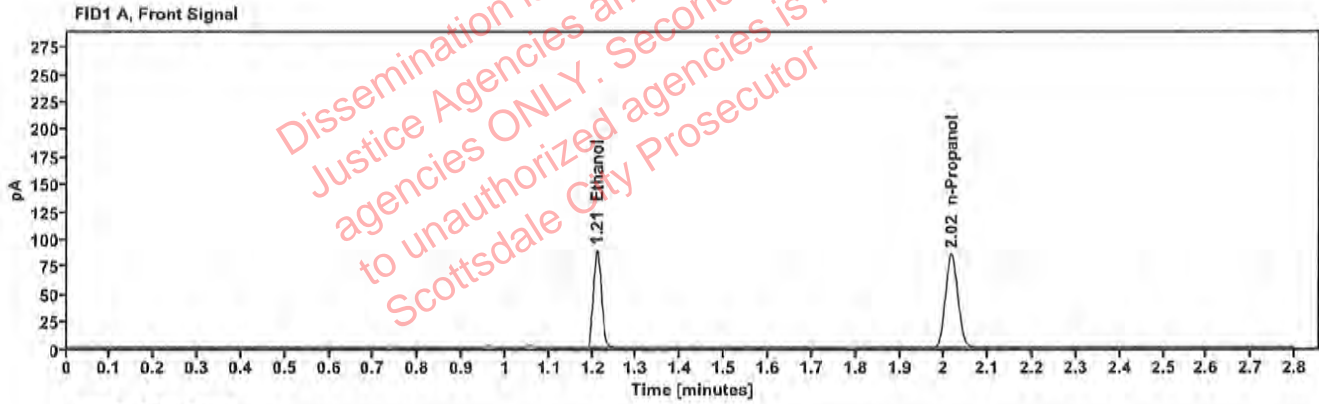


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1734	1.210	113.658
n-Propanol	---	2.016	169.763

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

Compound	Time (min)	Peak Area
Ethanol	1.358	124.274
n-Propanol	2.436	184.221

[REDACTED] : Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309367-2	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:24:03 PM
Data file:	C:\Chem32\1\Data\17May23\26.D	Analyst:	Canonico

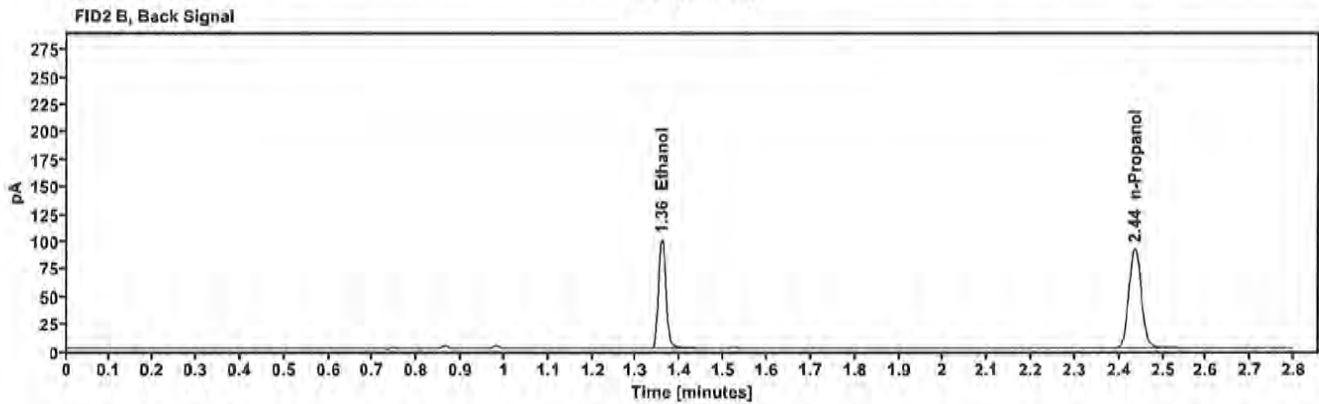
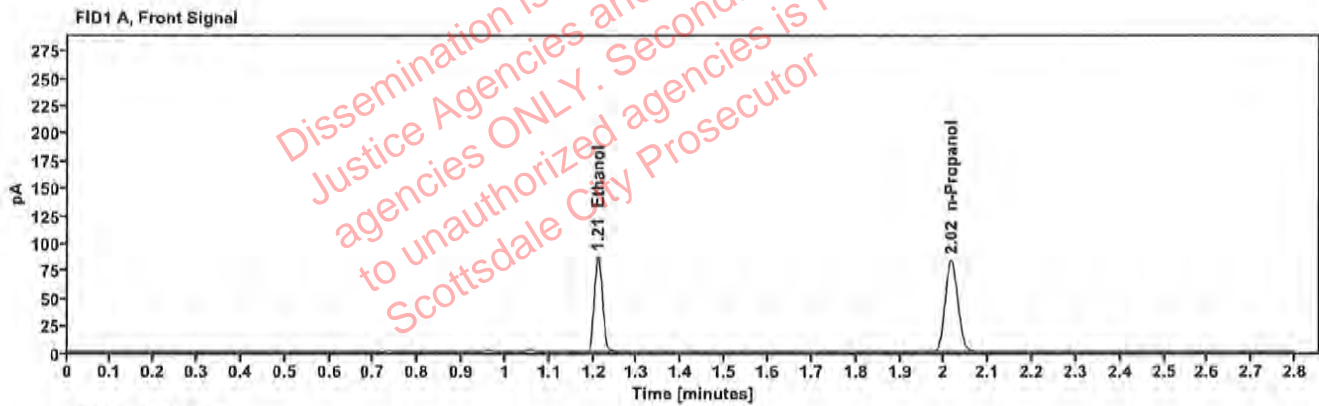


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1722	1.210	111.085
n-Propanol	—	2.016	167.056

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

Compound	Time (min)	Peak Area
Ethanol	1.358	121.571
n-Propanol	2.435	181.361

[REDACTED] : Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2308838-3	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:28:03 PM
Data file:	C:\Chem32\1\Data\17May23\27.D	Analyst:	Canonico

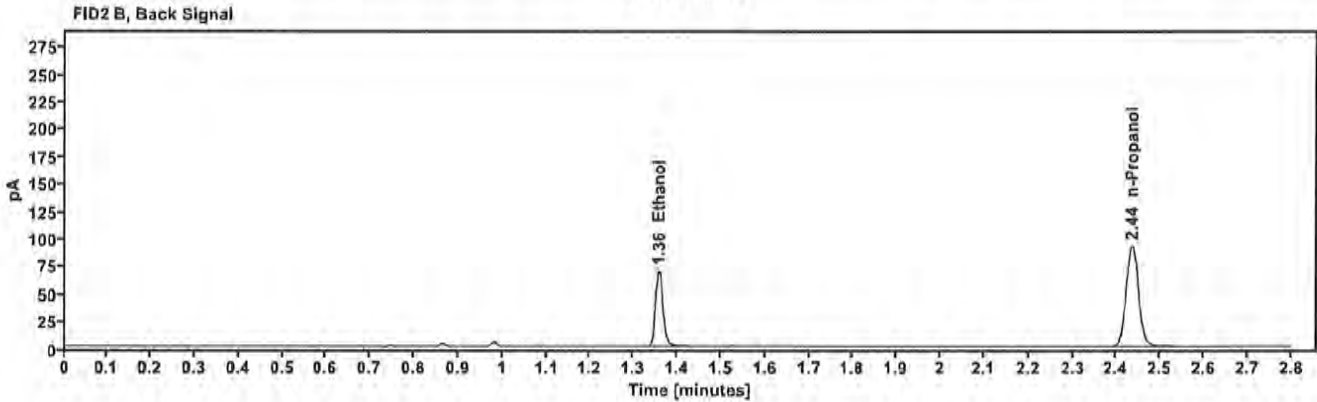
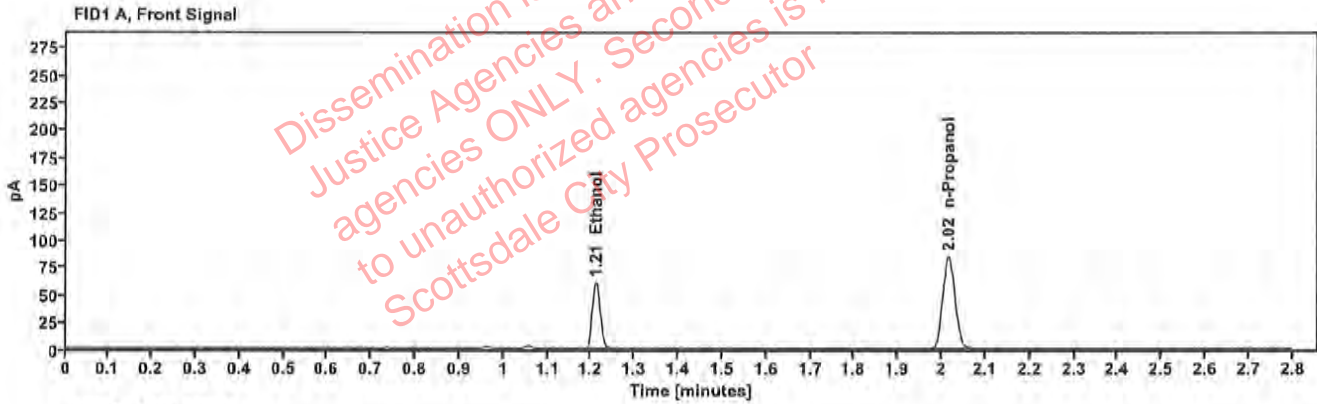


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1184	1.210	76.997
n-Propanol	—	2.016	168.409

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

Compound	Time (min)	Peak Area
Ethanol	1.358	84.010
n-Propanol	2.435	182.913

[REDACTED] : Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2308838-3	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:32:03 PM
Data file:	C:\Chem32\1\Data\17May23\28.D	Analyst:	Canonico

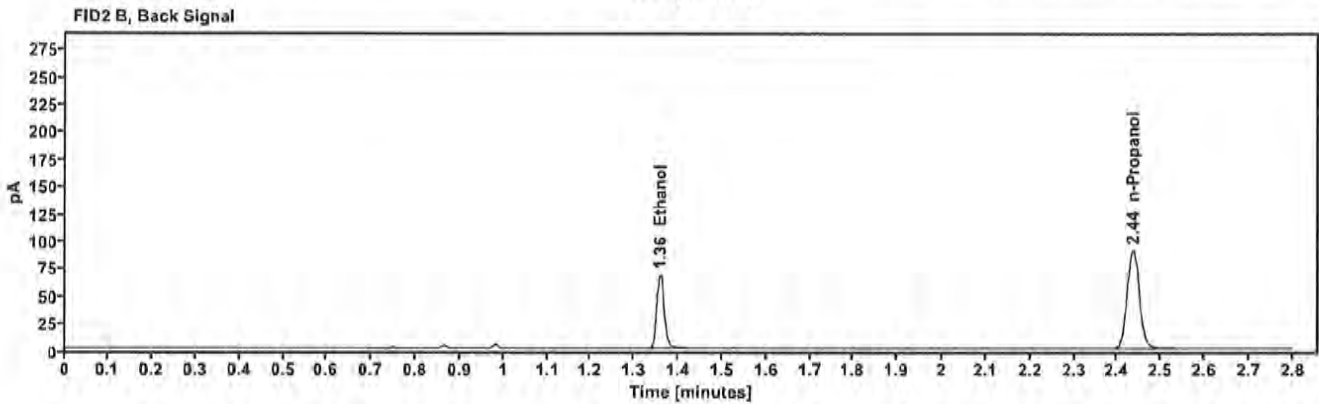
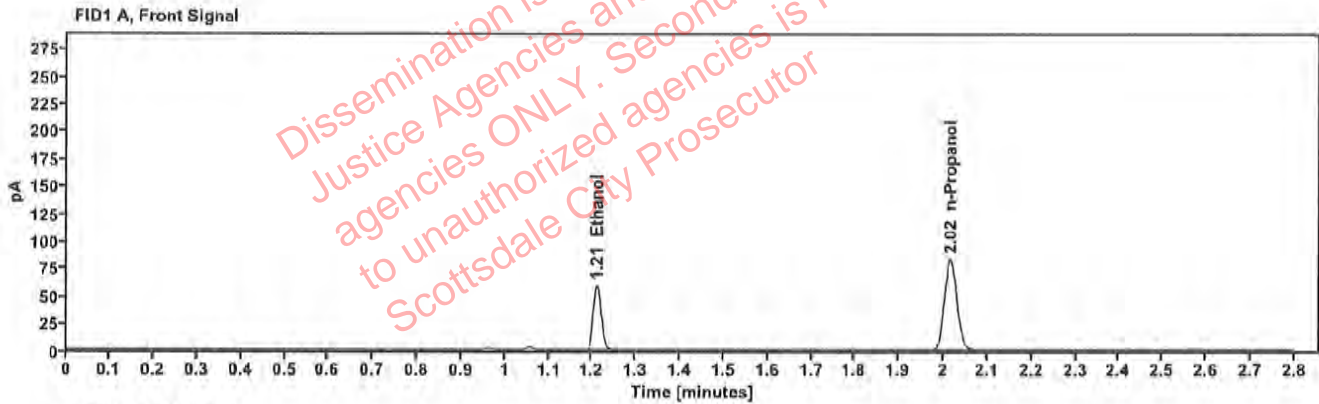


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1176	1.210	75.072
n-Propanol	---	2.016	165.306

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

Compound	Time (min)	Peak Area
Ethanol	1.358	81.825
n-Propanol	2.435	179.562



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309399-2	Vial:	29
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:36:02 PM
Data file:	C:\Chem32\1\Data\17May23\29.D		
		Analyst:	Canonico

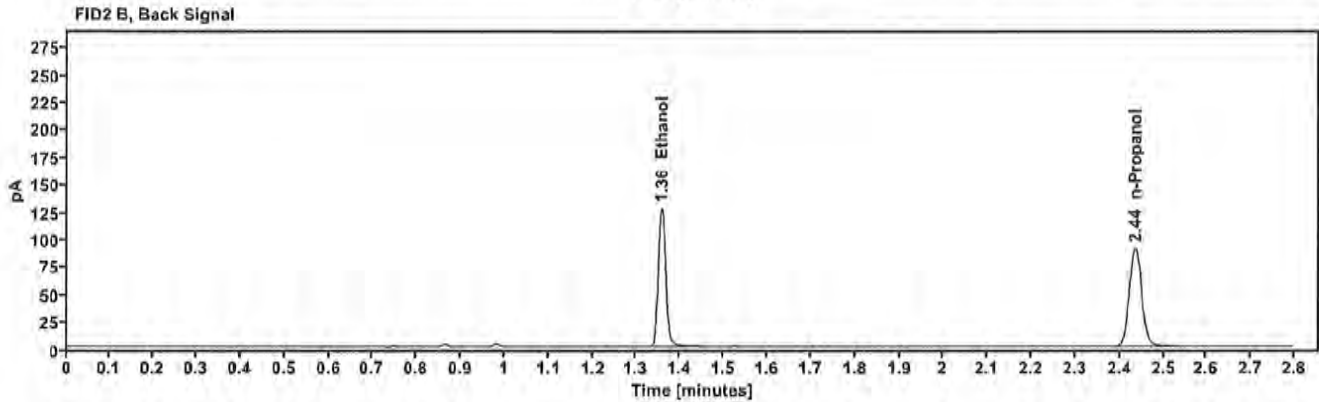
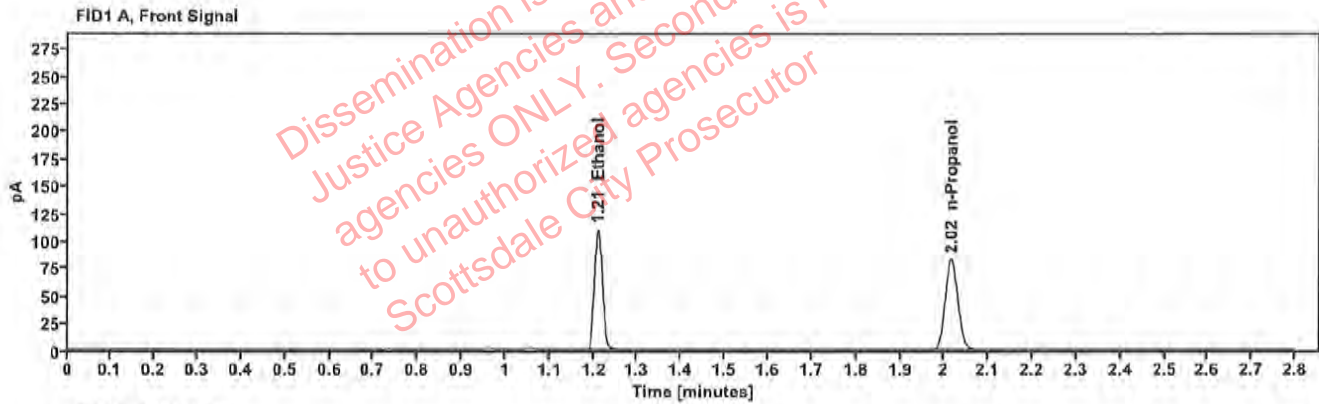


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2206	1.210	140.297
n-Propanol	—	2.016	164.699

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

Compound	Time (min)	Peak Area
Ethanol	1.357	153.565
n-Propanol	2.435	178.839

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309399-2	Vial:	30
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:40:02 PM
Data file:	C:\Chem32\1\Data\17May23\30.D	Analyst:	Canonico

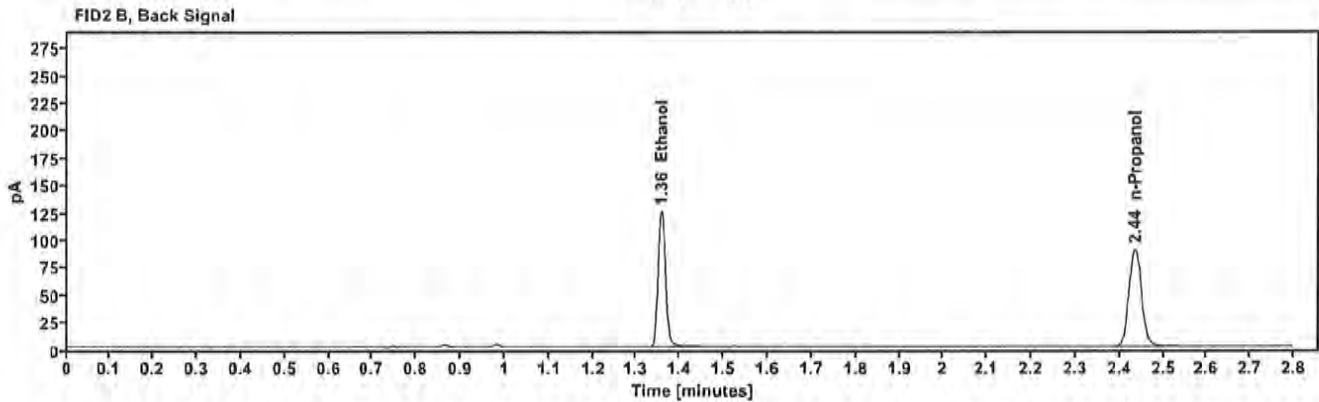
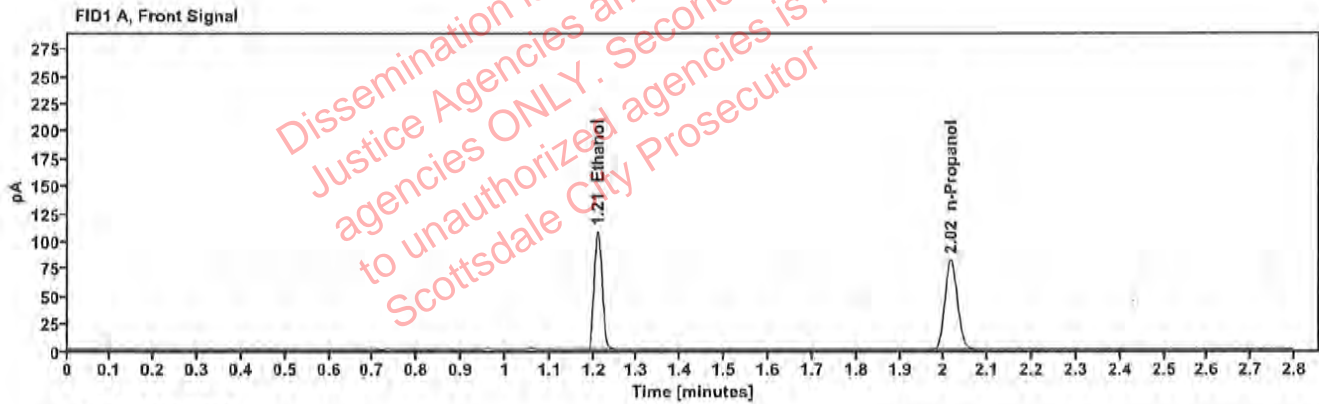


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2188	1.210	137.759
n-Propanol	-----	2.016	163.065

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

Compound	Time (min)	Peak Area
Ethanol	1.357	151.316
n-Propanol	2.435	176.957

[REDACTED] : Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309488-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:48:18 PM
Data file:	C:\Chem32\1\Data\17May23\32.D	Analyst:	Canonico

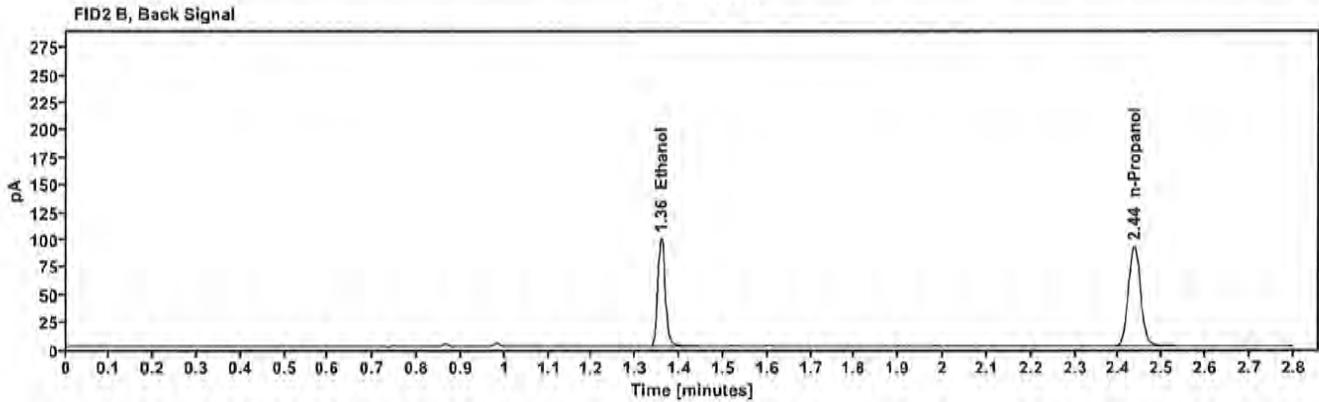
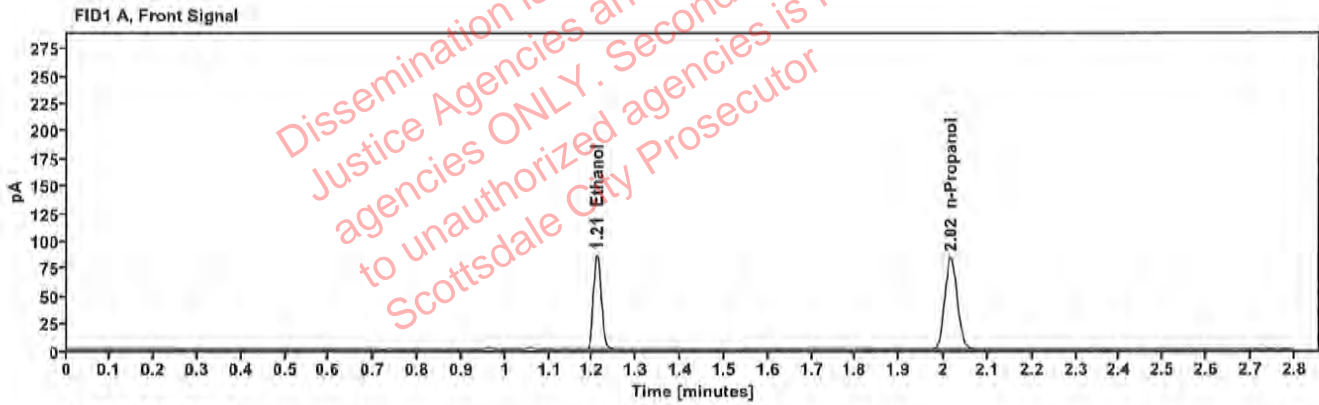


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1702	1.210	109.672
n-Propanol	---	2.016	166.853

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

Compound	Time (min)	Peak Area
Ethanol	1.358	120.051
n-Propanol	2.435	181.392

[REDACTED] : Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309488-2	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:52:17 PM
Data file:	C:\Chem32\1\Data\17May23\33.D	Analyst:	Canonico

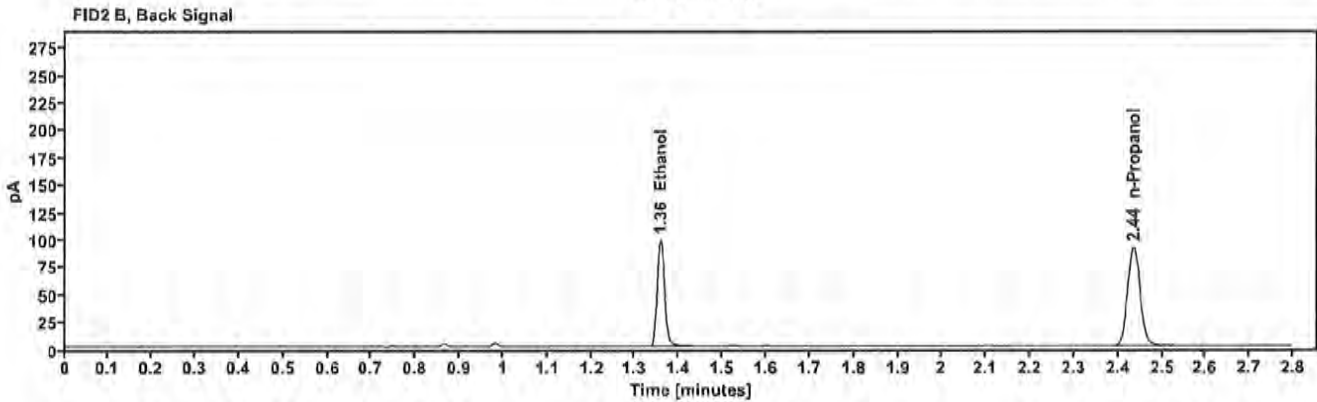
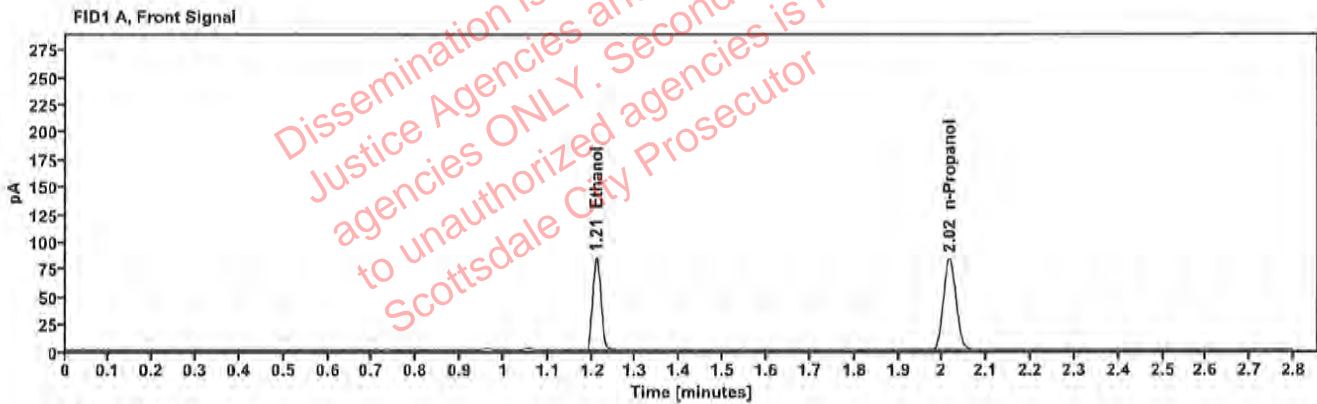


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1693	1.210	108.366
n-Propanol	—	2.015	165.745

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

Compound	Time (min)	Peak Area
Ethanol	1.357	118.624
n-Propanol	2.435	180.122

[REDACTED] : Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309445-2	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 1:56:18 PM
Data file:	C:\Chem32\1\Data\17May23\34.D	Analyst:	Canonico

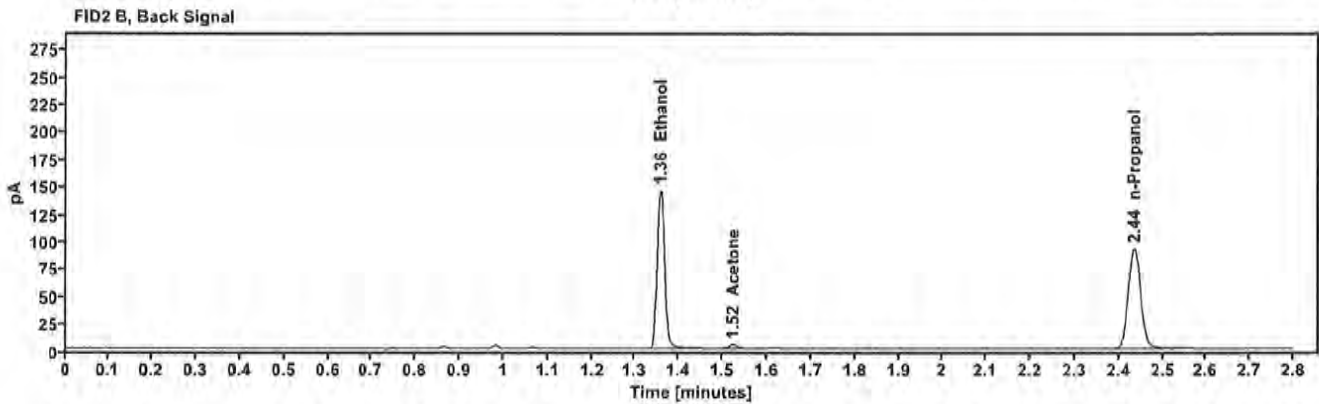
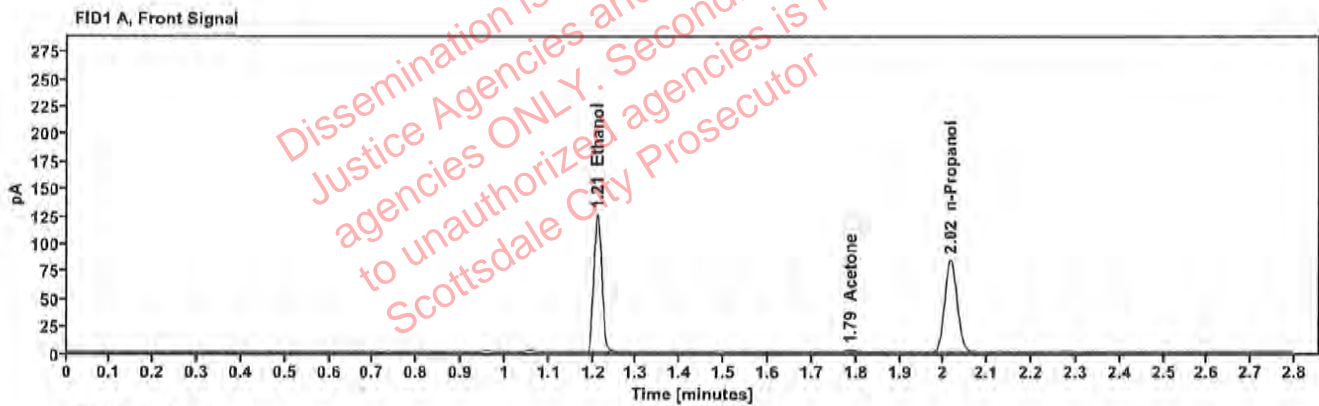


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2467	1.210	160.215
Acetone	---	1.787	4.125
n-Propanol	---	2.016	168.199

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

Compound	Time (min)	Peak Area
Ethanol	1.358	175.426
Acetone	1.523	4.403
n-Propanol	2.435	182.254

[REDACTED] : Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309445-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:00:18 PM
Data file:	C:\Chem32\1\Data\17May23\35.D	Analyst:	Canonico

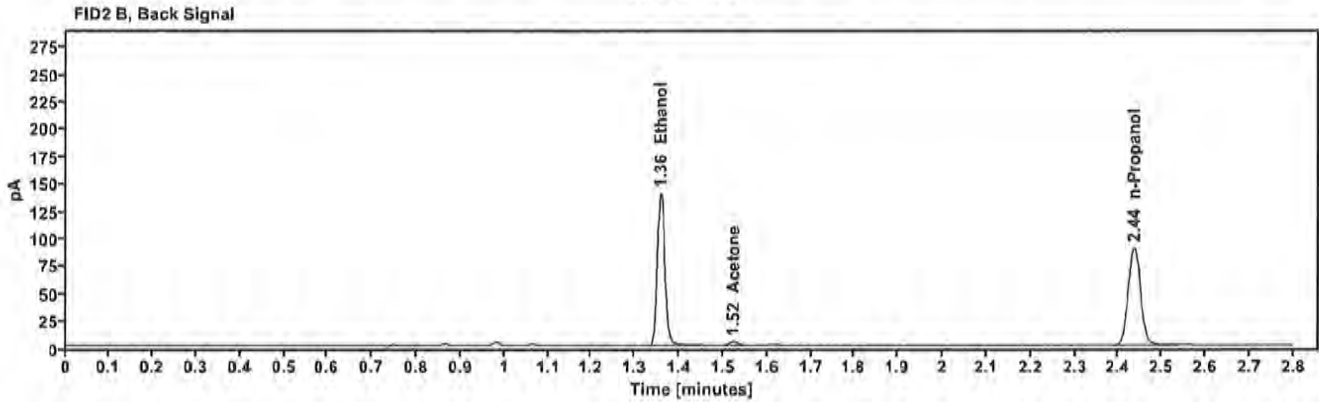
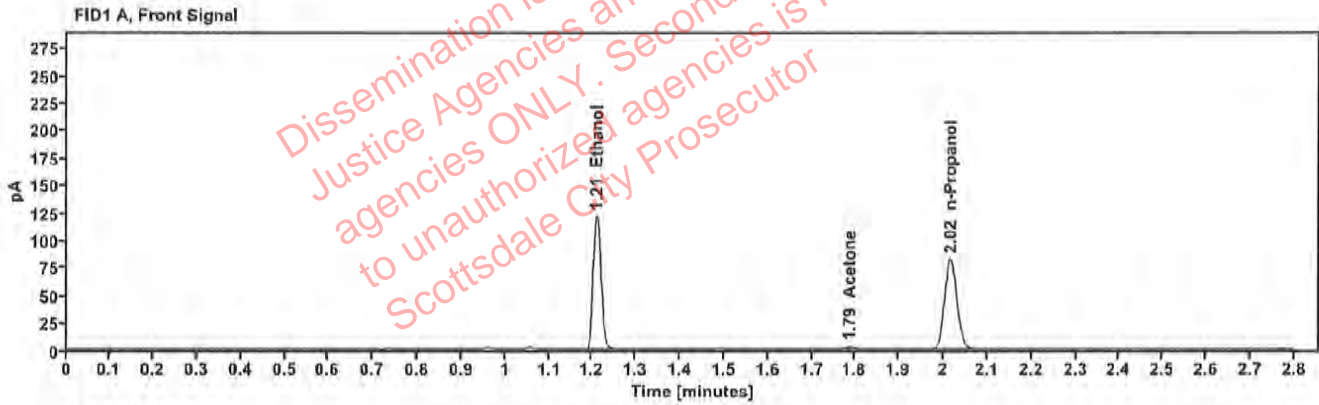


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2449	1.210	154.214
Acetone	---	1.787	4.055
n-Propanol	---	2.016	163.117

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

Compound	Time (min)	Peak Area
Ethanol	1.357	168.959
Acetone	1.523	4.309
n-Propanol	2.435	176.668

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309025-2	Vial:	36
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:04:18 PM
Data file:	C:\Chem32\1\Data\17May23\36.D	Analyst:	Canonico

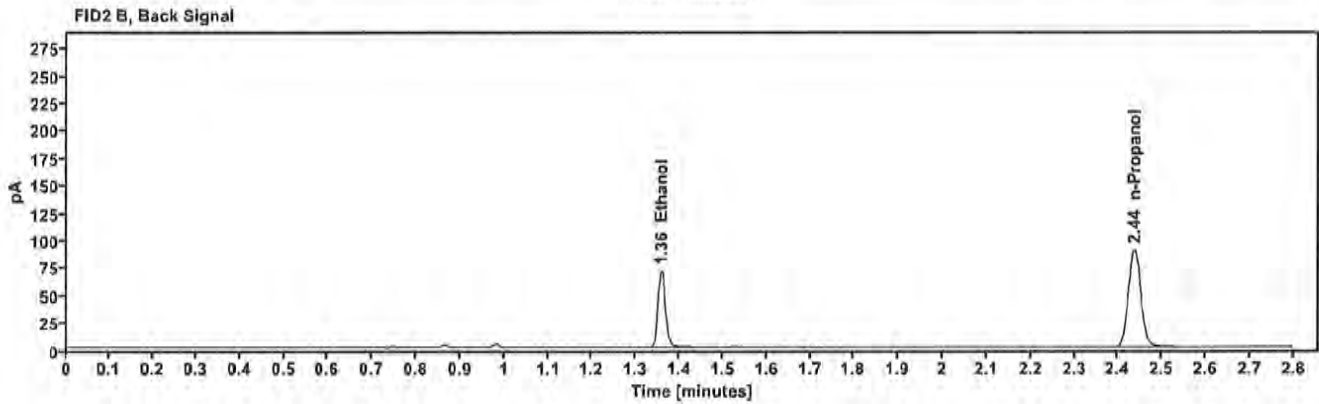
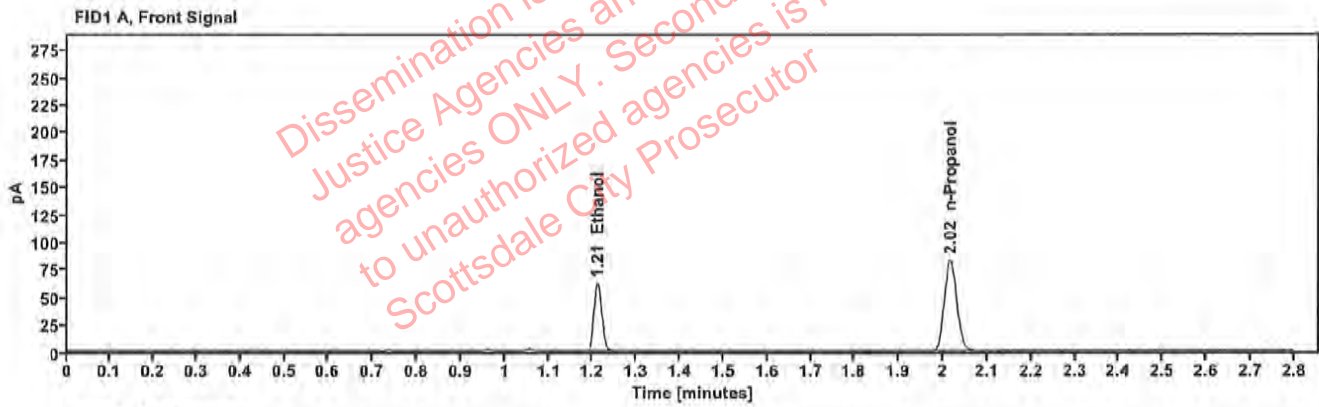


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1241	1.211	78.791
n-Propanol	---	2.016	164.341

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

Compound	Time (min)	Peak Area
Ethanol	1.358	85.807
n-Propanol	2.436	178.358

[REDACTED] : Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309025-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:08:32 PM
Data file:	C:\Chem32\1\Data\17May23\37.D	Analyst:	Canonico

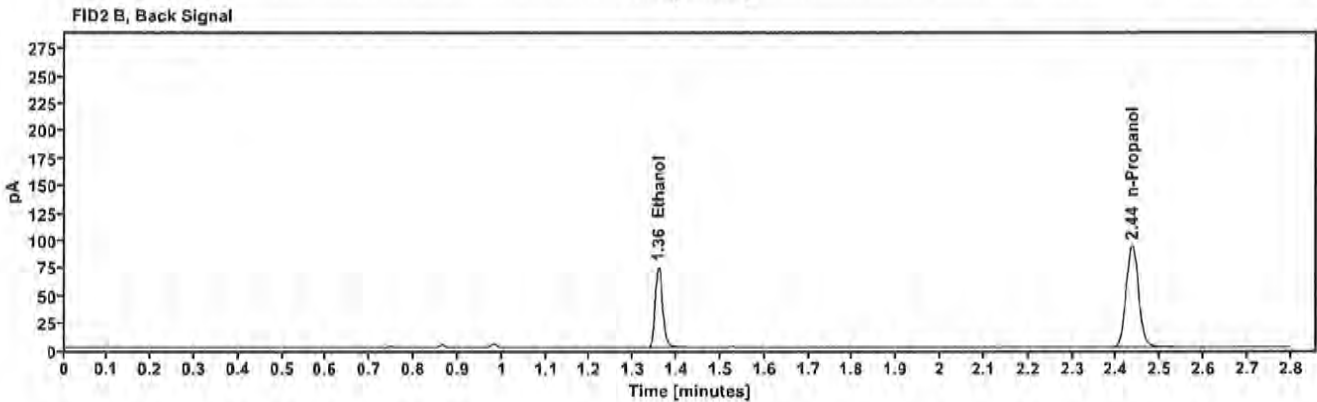
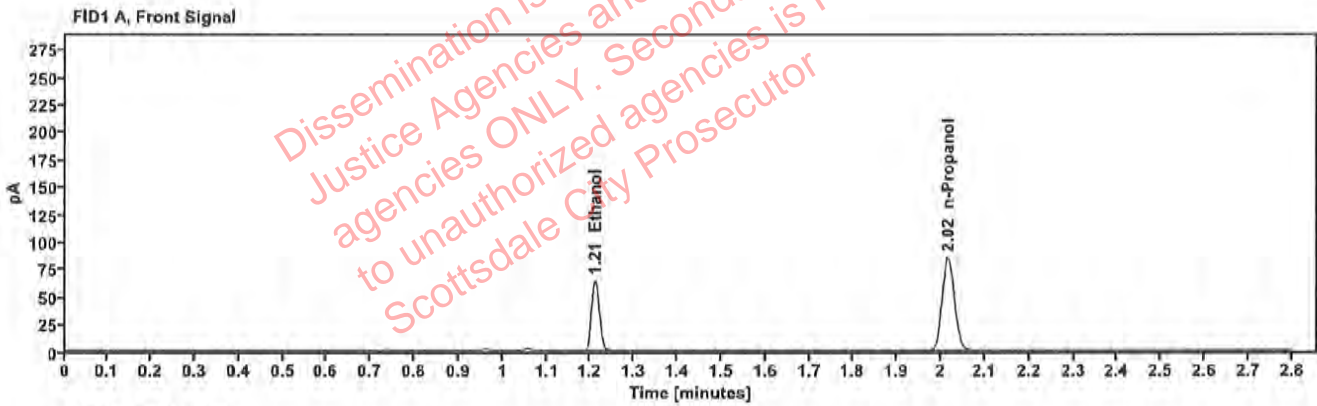


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1252	1.211	81.964
n-Propanol	-----	2.016	169.480

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

Compound	Time (min)	Peak Area
Ethanol	1.358	89.203
n-Propanol	2.436	183.990



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309692-2	Vial:	38
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:12:32 PM
Data file:	C:\Chem32\1\Data\17May23\38.D	Analyst:	Canonico

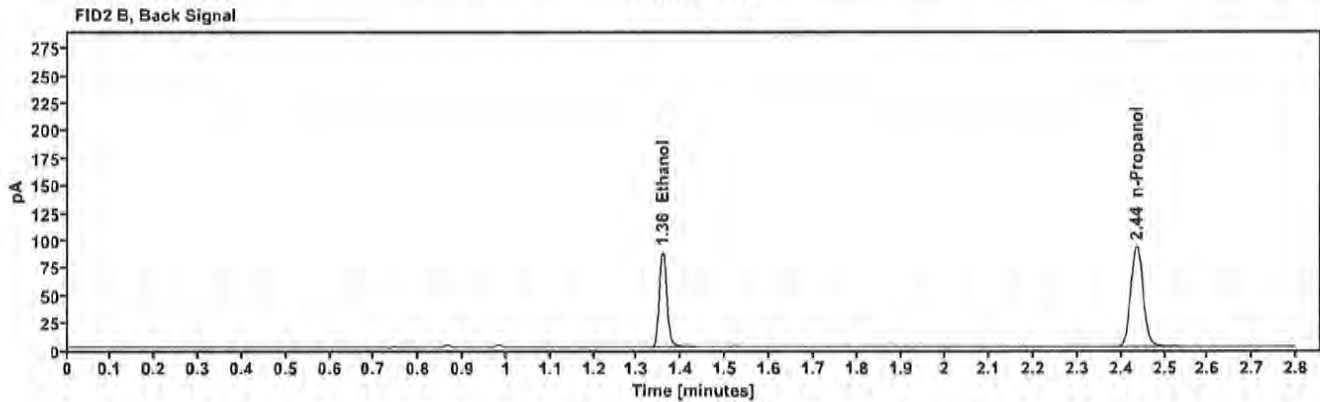
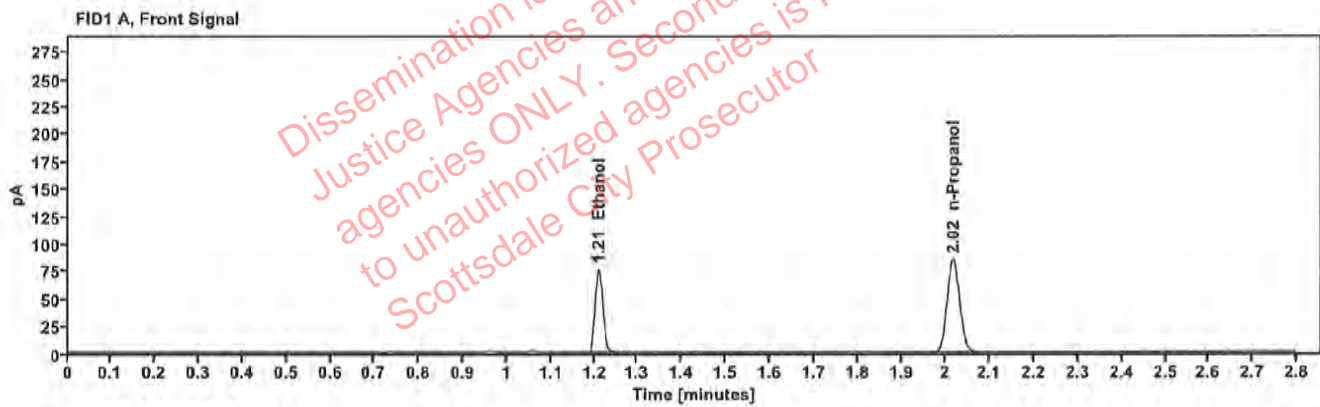


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1491	1.210	97.170
n-Propanol	-----	2.016	168.753

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

Compound	Time (min)	Peak Area
Ethanol	1.358	106.127
n-Propanol	2.435	183.237

[REDACTED]: Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309692-2	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:16:33 PM
Data file:	C:\Chem32\1\Data\17May23\39.D	Analyst:	Canonico

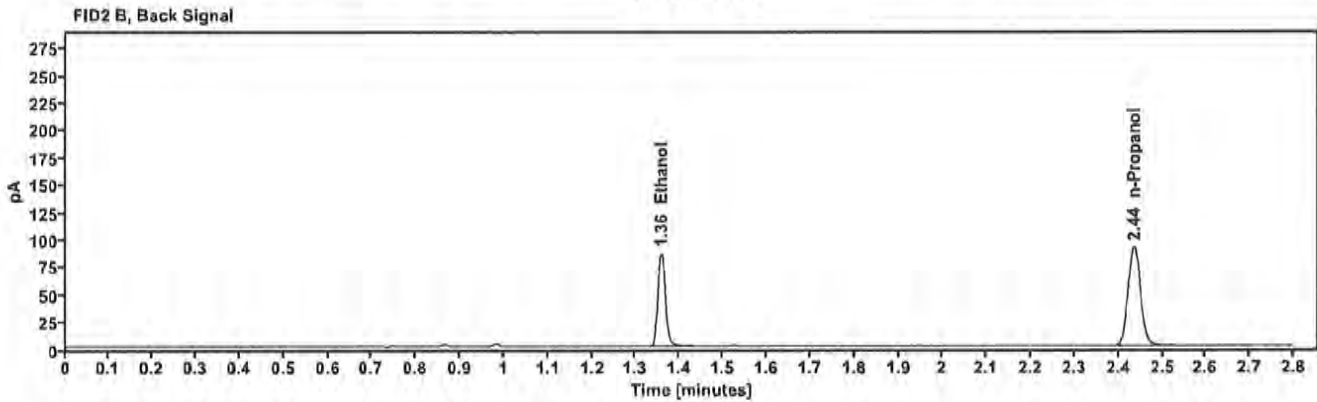
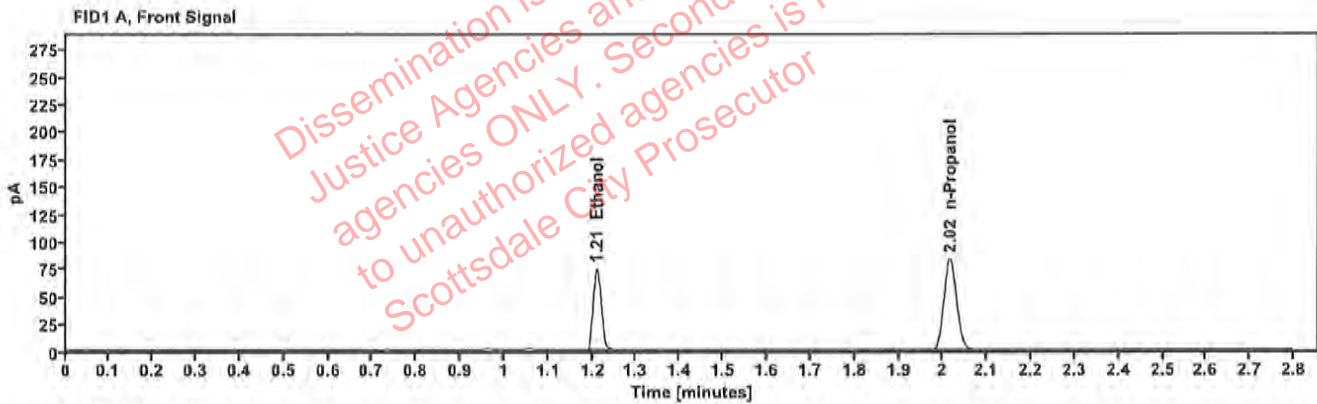


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1486	1.210	95.387
n-Propanol	—	2.016	166.239

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

Compound	Time (min)	Peak Area
Ethanol	1.358	104.236
n-Propanol	2.435	180.485

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309747-1	Vial:	40
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:20:33 PM
Data file:	C:\Chem32\1\Data\17May23\40.D	Analyst:	Canonico

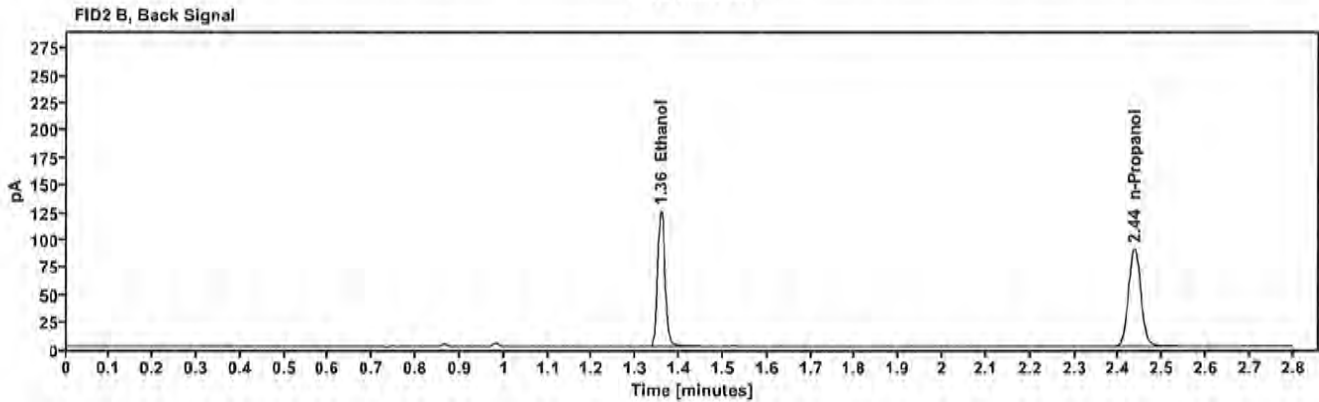
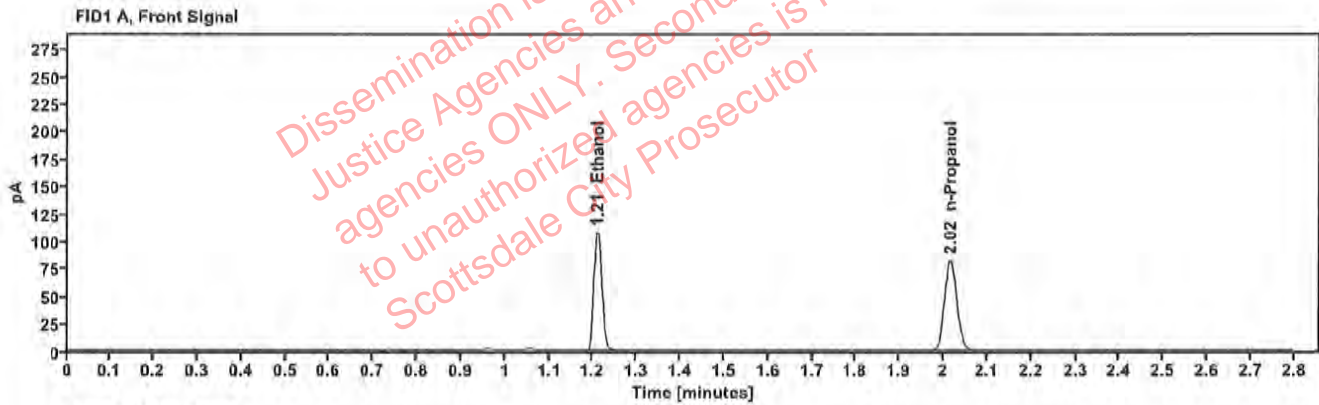


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2175	1.210	137.715
n-Propanol	---	2.016	163.979

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

Compound	Time (min)	Peak Area
Ethanol	1.357	150.762
n-Propanol	2.435	177.896

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309747-1	Vial:	41
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:24:33 PM
Data file:	C:\Chem32\1\Data\17May23\41.D	Analyst:	Canonico

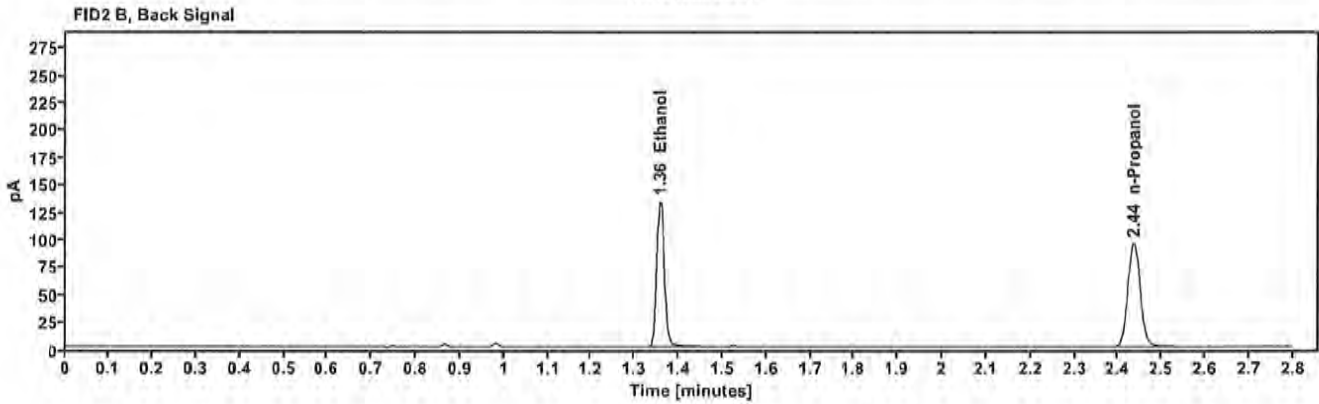
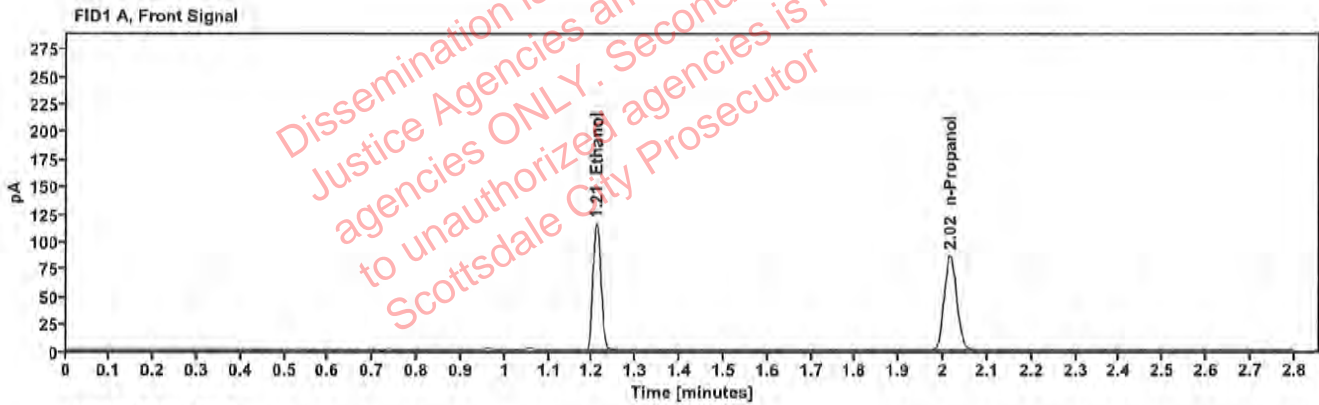


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2201	1.210	147.459
n-Propanol	-----	2.015	173.529

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

Compound	Time (min)	Peak Area
Ethanol	1.357	161.383
n-Propanol	2.435	188.427

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309874-2	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:32:47 PM
Data file:	C:\Chem32\1\Data\17May23\43.D	Analyst:	Canonico

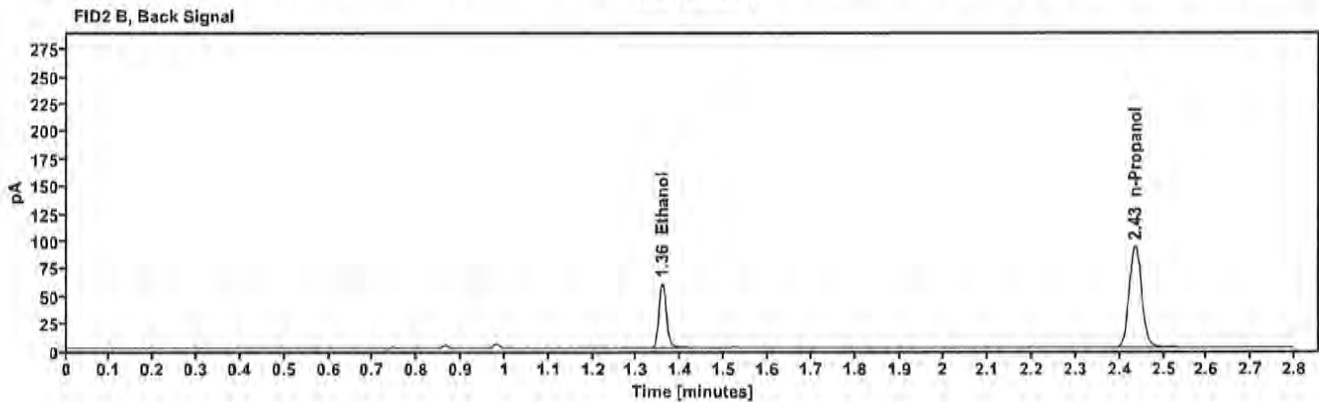
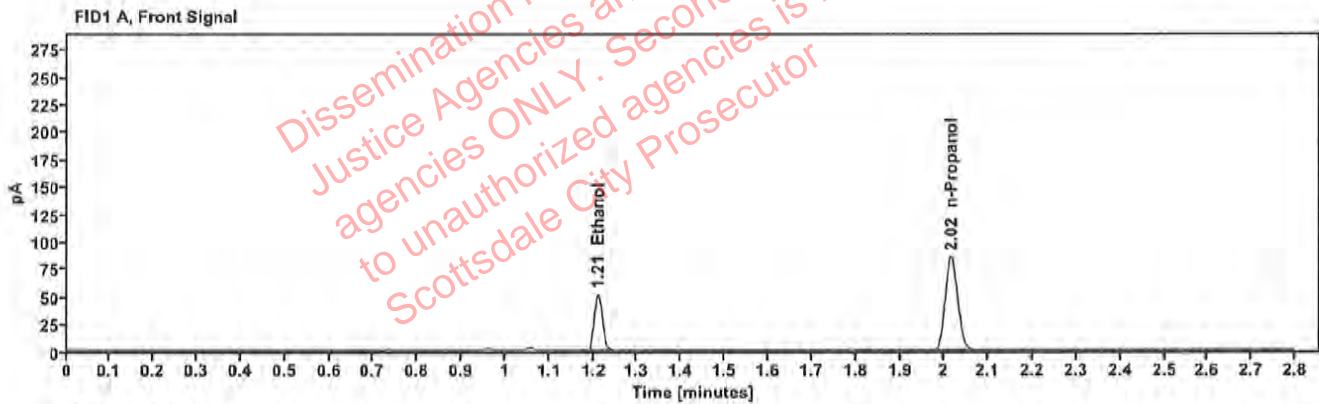


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1007	1.210	66.065
n-Propanol	—	2.015	169.847

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

Compound	Time (min)	Peak Area
Ethanol	1.358	71.773
n-Propanol	2.435	184.462

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2309874-2	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:36:47 PM
Data file:	C:\Chem32\1\Data\17May23\44.D	Analyst:	Canonico

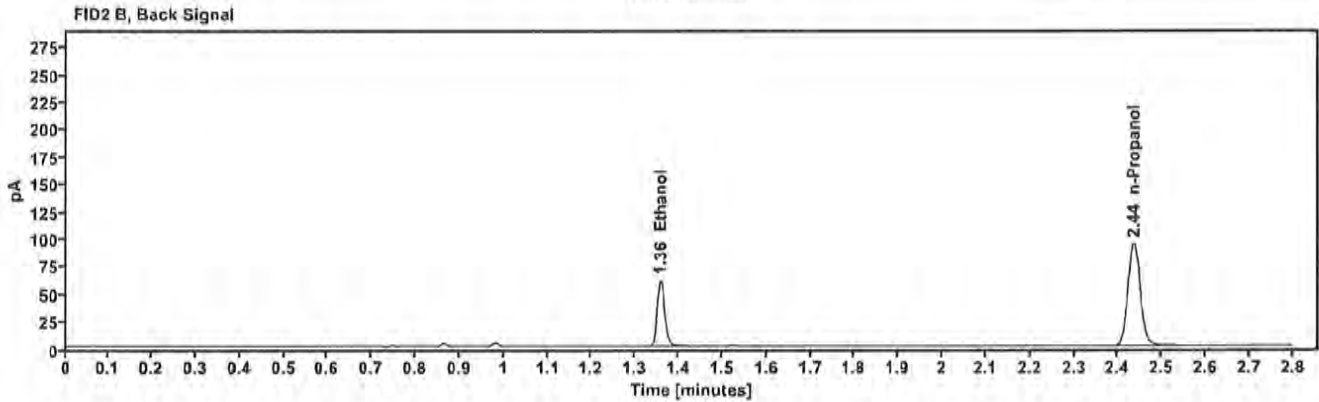
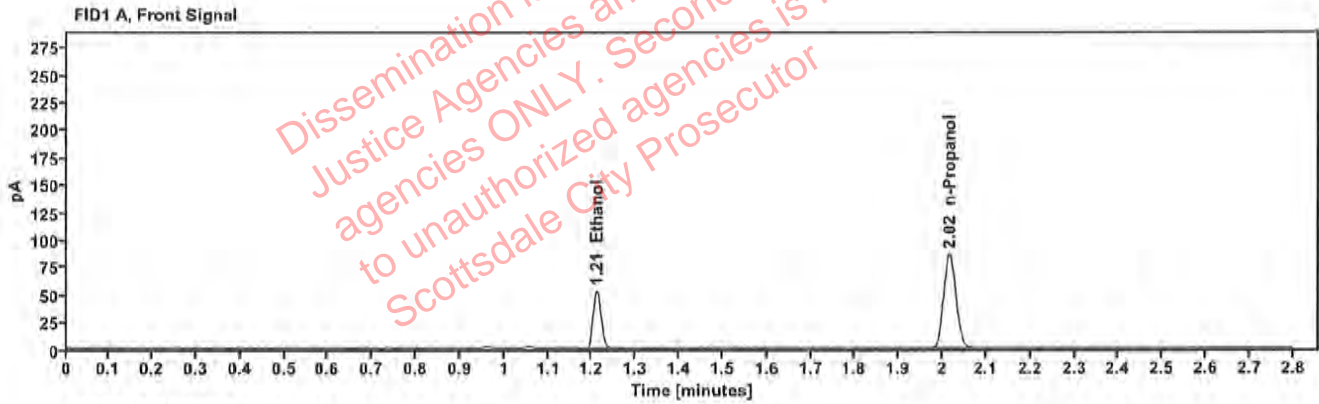


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1017	1.211	67.047
n-Propanol	---	2.016	170.707

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

Compound	Time (min)	Peak Area
Ethanol	1.358	72.953
n-Propanol	2.435	185.392

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL000157	Vial:	45
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:40:48 PM
Data file:	C:\Chem32\1\Data\17May23\45.D	Analyst:	Canonico

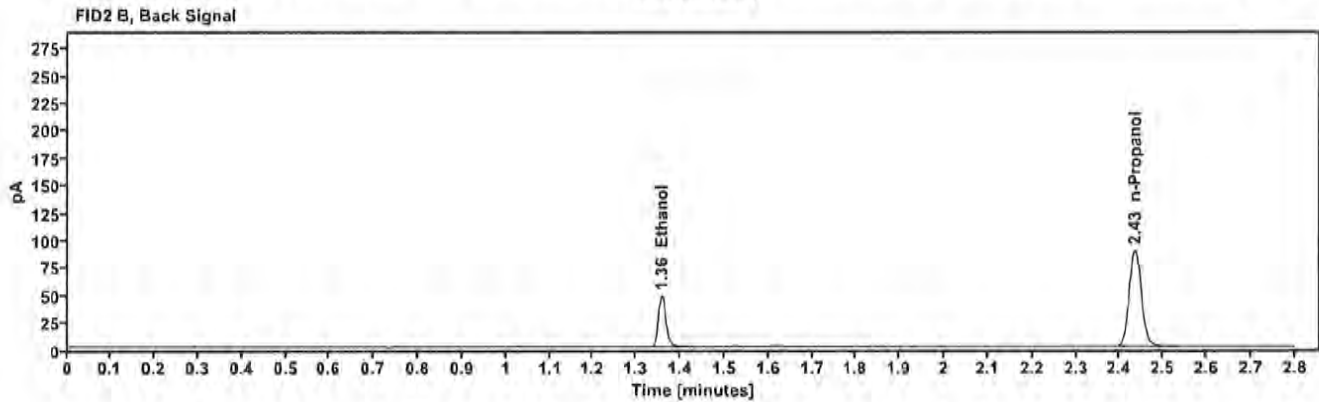
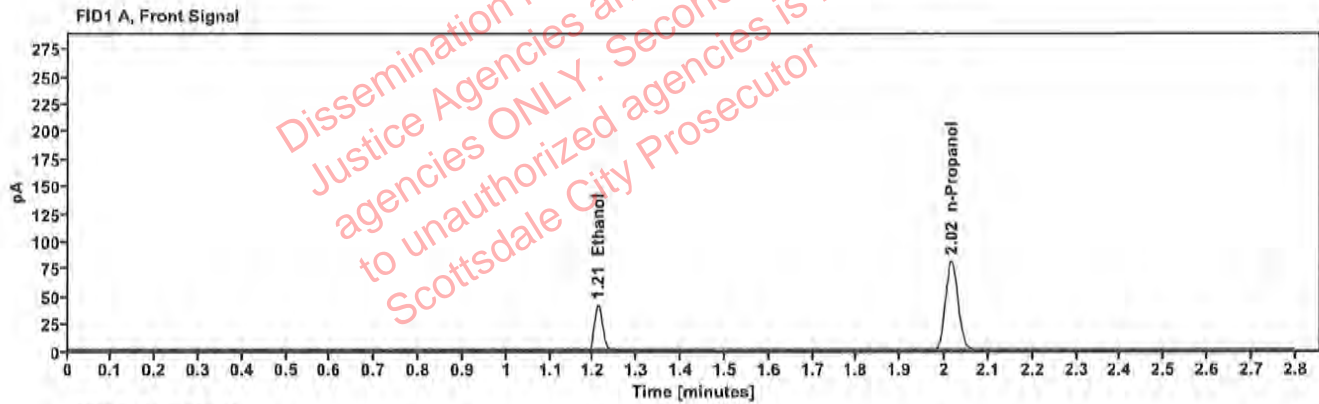


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0841	1.211	52.511
n-Propanol	---	2.015	161.618

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

Compound	Time (min)	Peak Area
Ethanol	1.358	57.037
n-Propanol	2.435	175.742

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL000157	Vial:	46
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:44:48 PM
Data file:	C:\Chem32\1\Data\17May23\46.D	Analyst:	Canonico

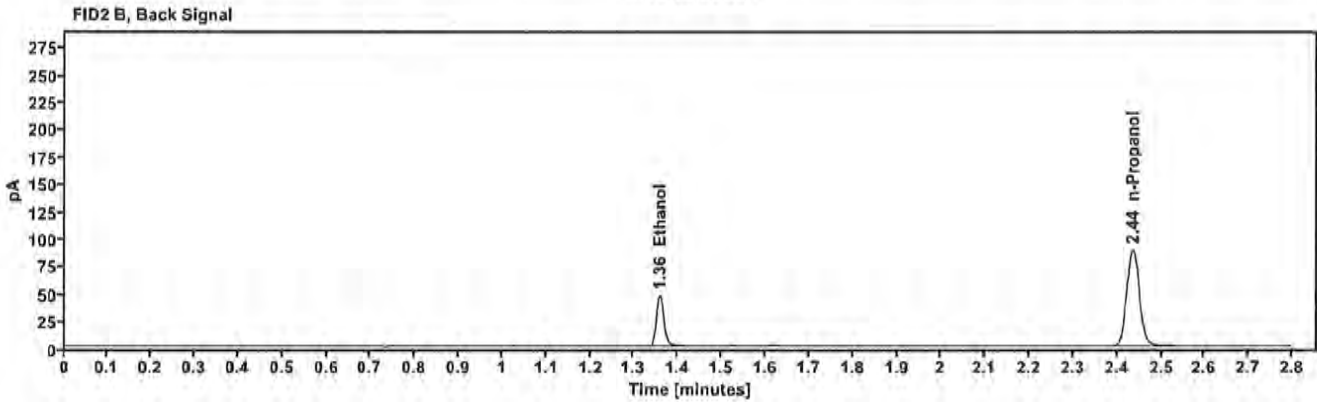
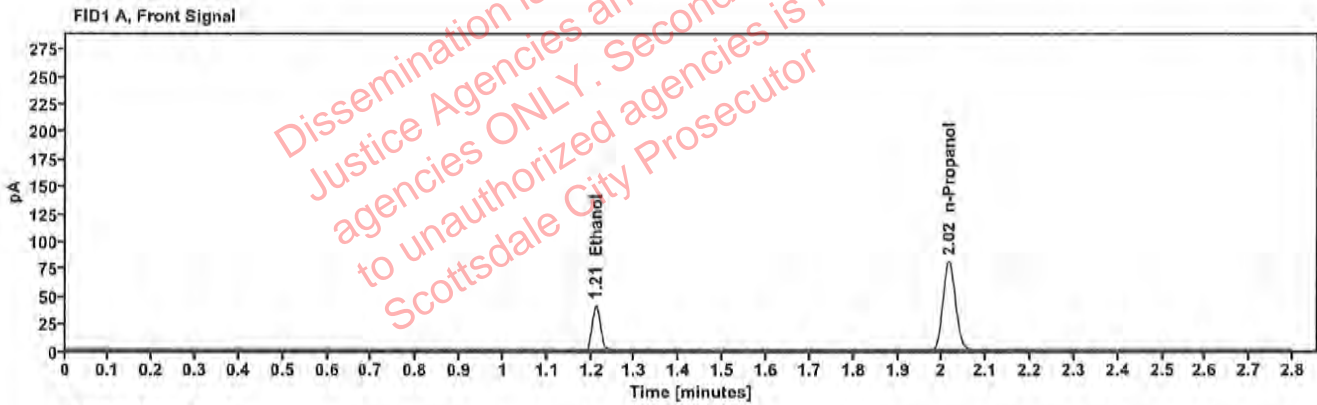


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0838	1.211	52.272
n-Propanol	---	2.016	161.412

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

Compound	Time (min)	Peak Area
Ethanol	1.358	56.830
n-Propanol	2.435	175.395



### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL000129	Vial:	47
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:48:48 PM
Data file:	C:\Chem32\1\Data\17May23\47.D	Analyst:	Canonico

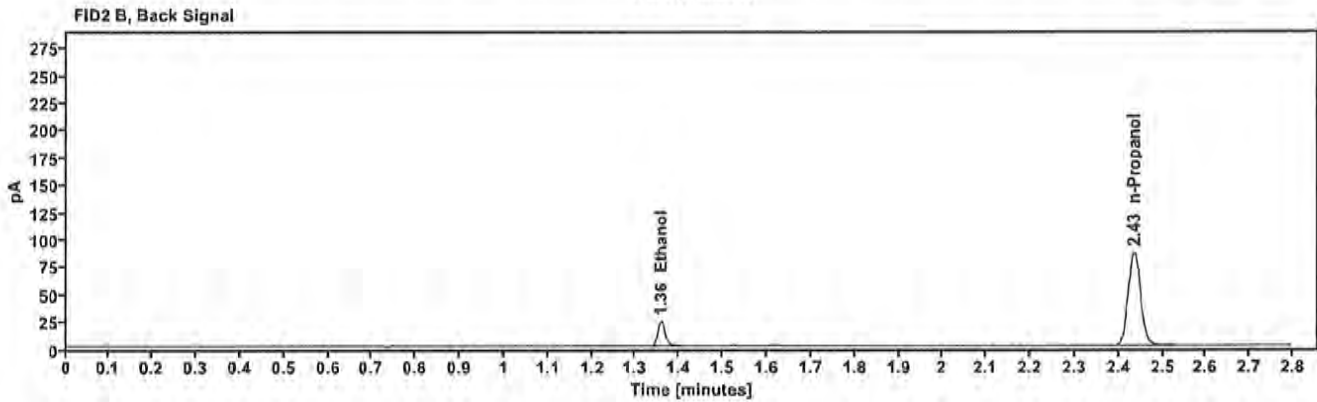
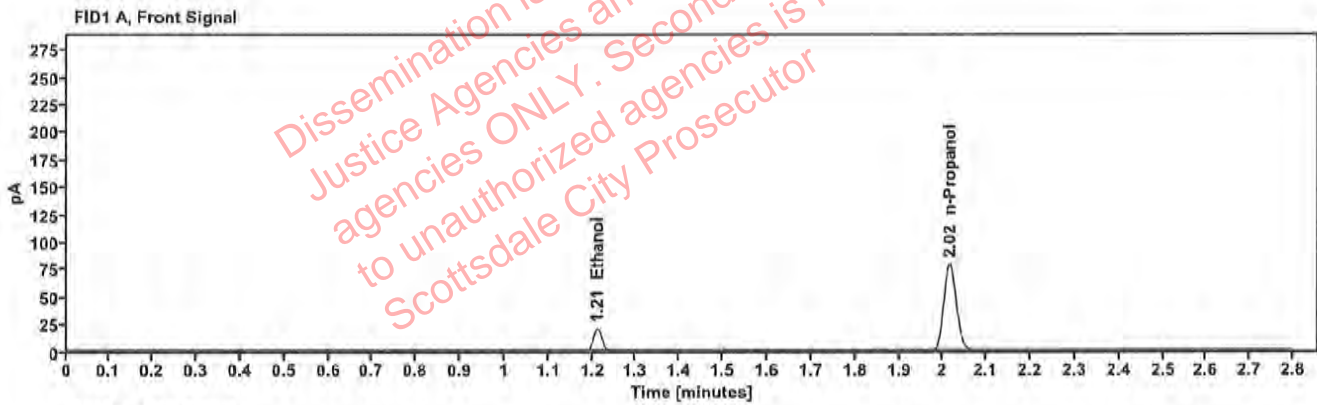


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0424	1.211	25.750
n-Propanol	---	2.015	157.097

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

Compound	Time (min)	Peak Area
Ethanol	1.358	27.996
n-Propanol	2.435	170.633

[REDACTED]: Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL000129	Vial:	48
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:52:47 PM
Data file:	C:\Chem32\1\Data\17May23\48.D	Analyst:	Canonico

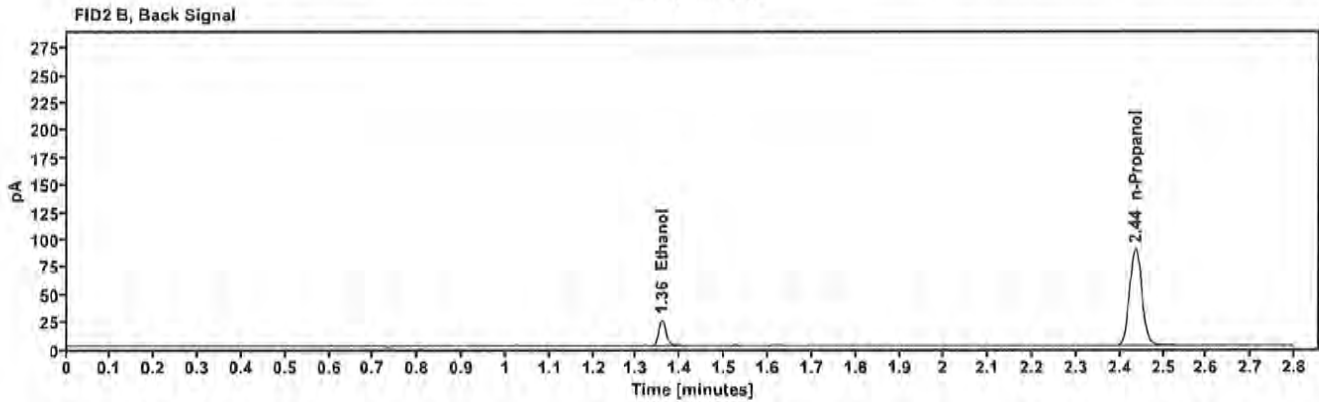
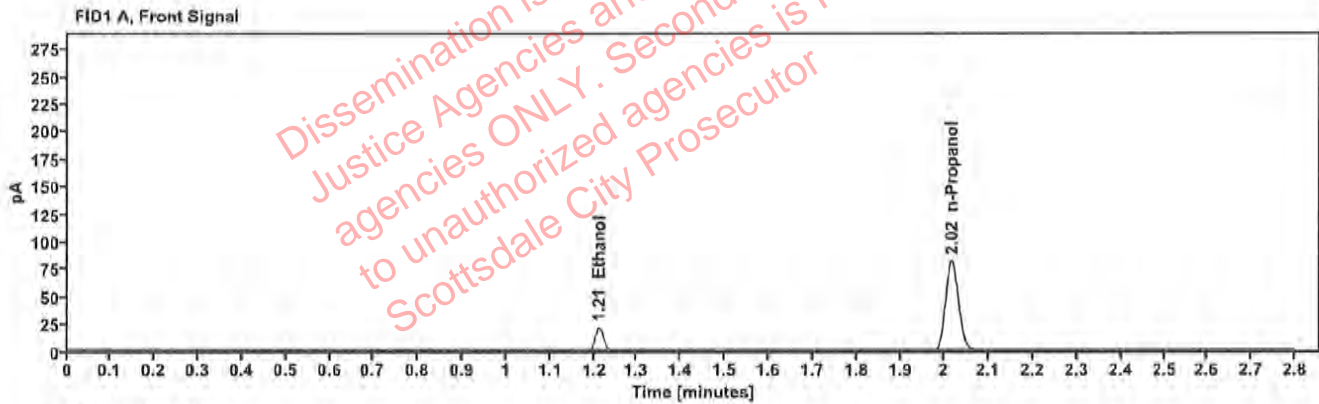


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0429	1.212	26.928
n-Propanol	—	2.016	162.359

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

Compound	Time (min)	Peak Area
Ethanol	1.359	29.233
n-Propanol	2.435	176.290

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL000202	Vial:	49
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 2:57:03 PM
Data file:	C:\Chem32\1\Data\17May23\49.D	Analyst:	Canonico

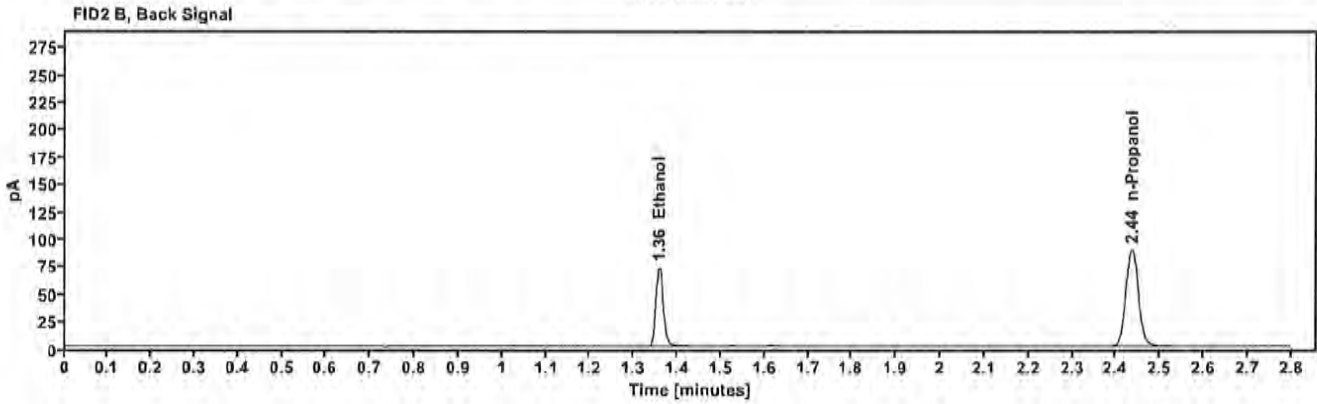
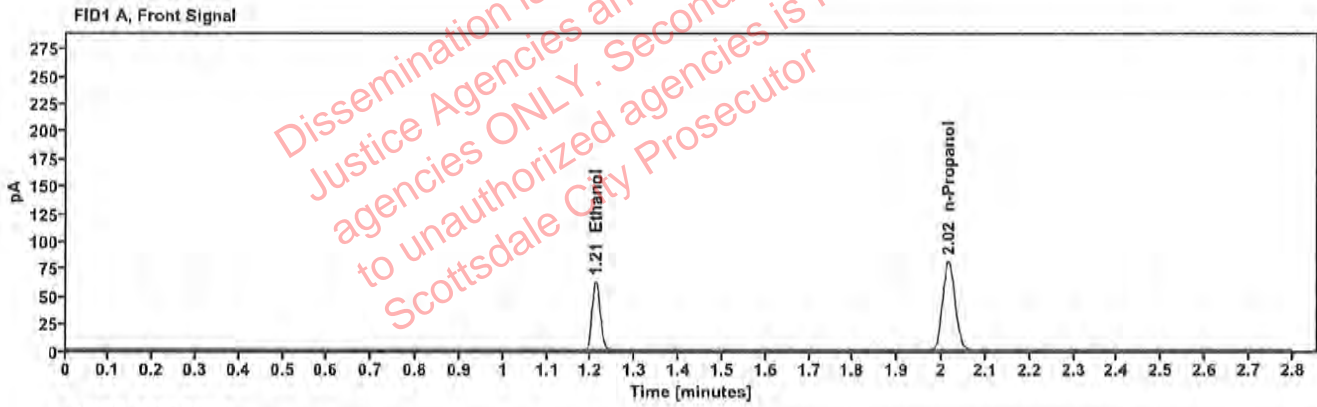


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1277	1.210	80.258
n-Propanol	---	2.016	162.807

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

Compound	Time (min)	Peak Area
Ethanol	1.358	87.446
n-Propanol	2.435	176.880

[REDACTED]: Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL000202	Vial:	50
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 3:01:03 PM
Data file:	C:\Chem32\1\Data\17May23\50.D	Analyst:	Canonico

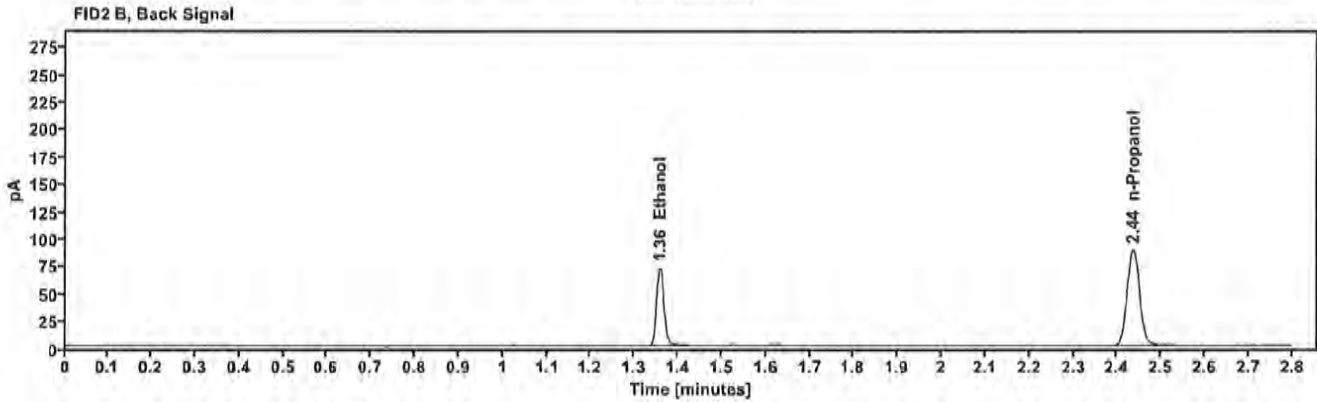
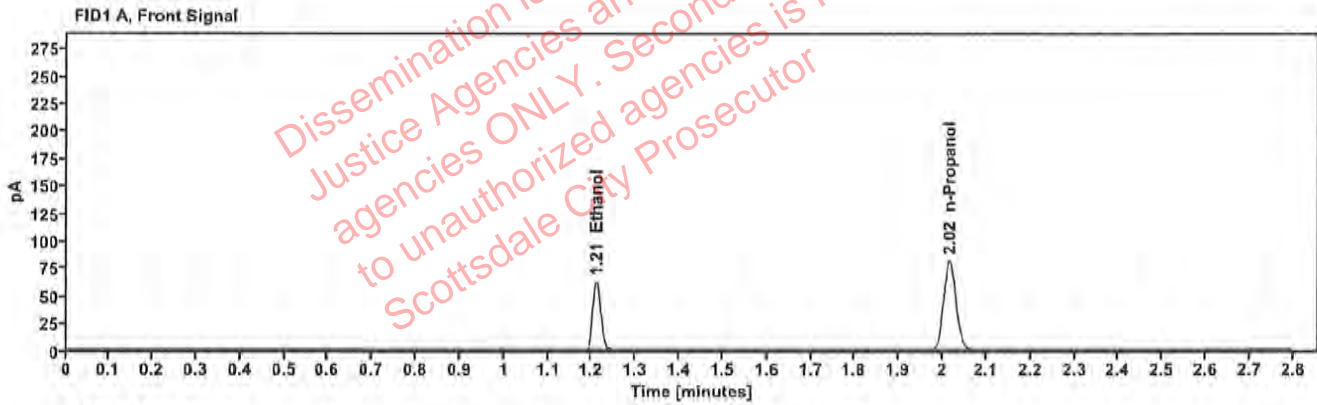


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1275	1.210	79.840
n-Propanol	---	2.016	162.202

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

Compound	Time (min)	Peak Area
Ethanol	1.358	86.865
n-Propanol	2.435	176.271

### Scottsdale Police Department Crime Lab Volatiles Analysis

<b>Sample:</b>	VIAL000264	<b>Vial:</b>	51
<b>Description:</b>	██████████	<b>LIMS ID:</b>	██████████
<b>Method:</b>	ethanol quant.M	<b>Sequence:</b>	17May23
<b>Instrument:</b>	US14173023 CN14160045	<b>Injection date:</b>	5/17/2023 3:05:03 PM
<b>Data file:</b>	C:\Chem32\1\Data\17May23\51.D	<b>Analyst:</b>	Canonico

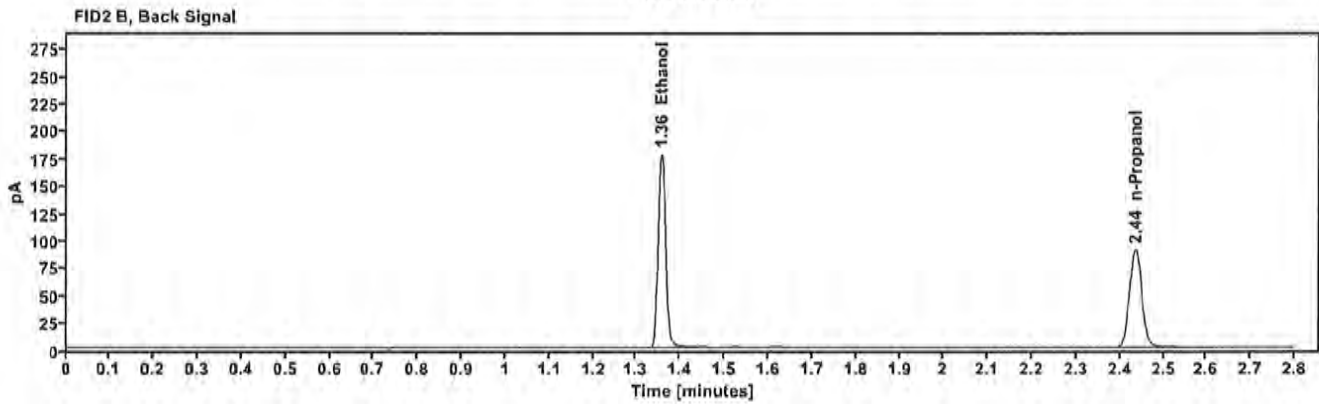
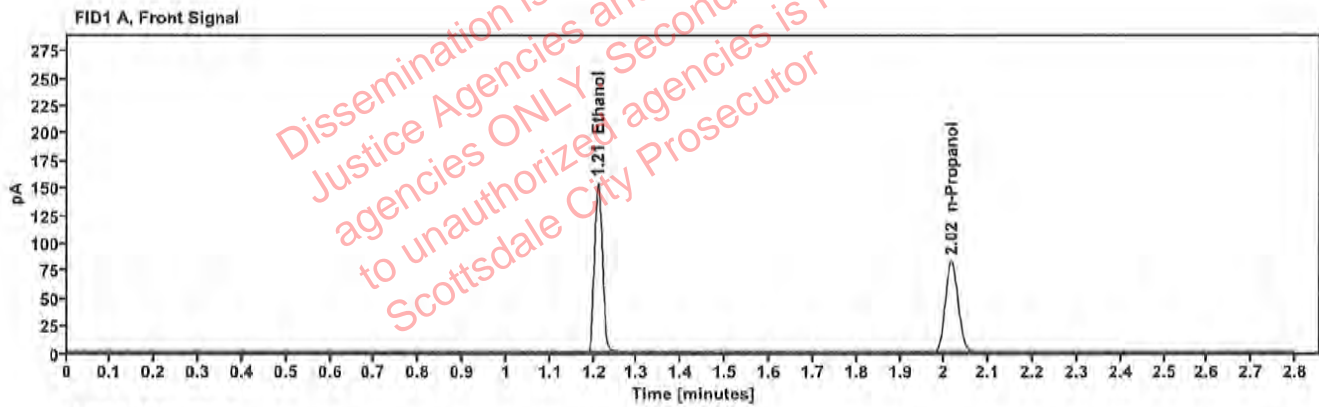


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3087	1.210	196.118
n-Propanol	—	2.015	164.536

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

Compound	Time (min)	Peak Area
Ethanol	1.357	214.302
n-Propanol	2.435	178.755

[REDACTED]: Canonico, Erika - (18-May-2023)

Case: [REDACTED] User: ecanonico 5/18/2023

### Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	VIAL000264	Vial:	52
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	17May23
Instrument:	US14173023 CN14160045	Injection date:	5/17/2023 3:09:03 PM
Data file:	C:\Chem32\1\Data\17May23\52.D	Analyst:	Canonico

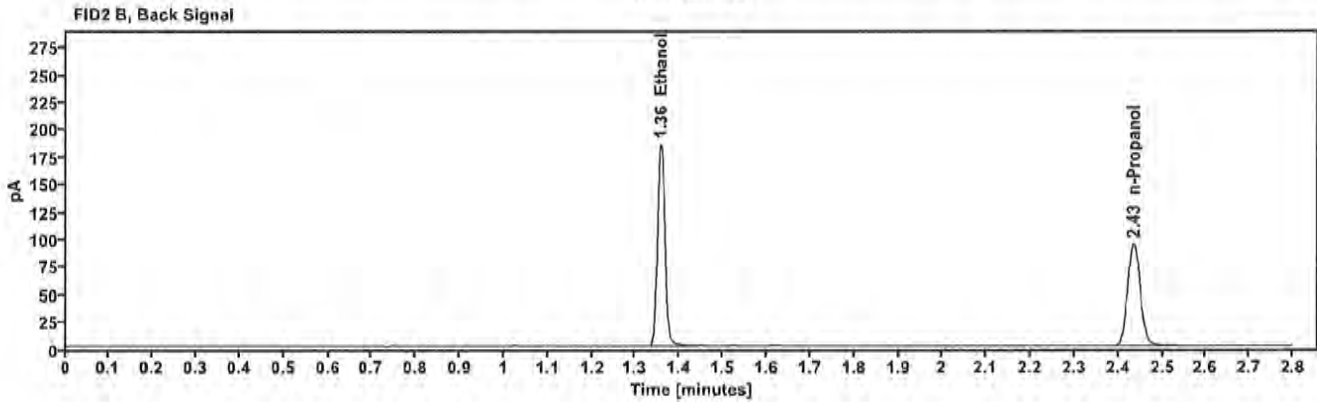
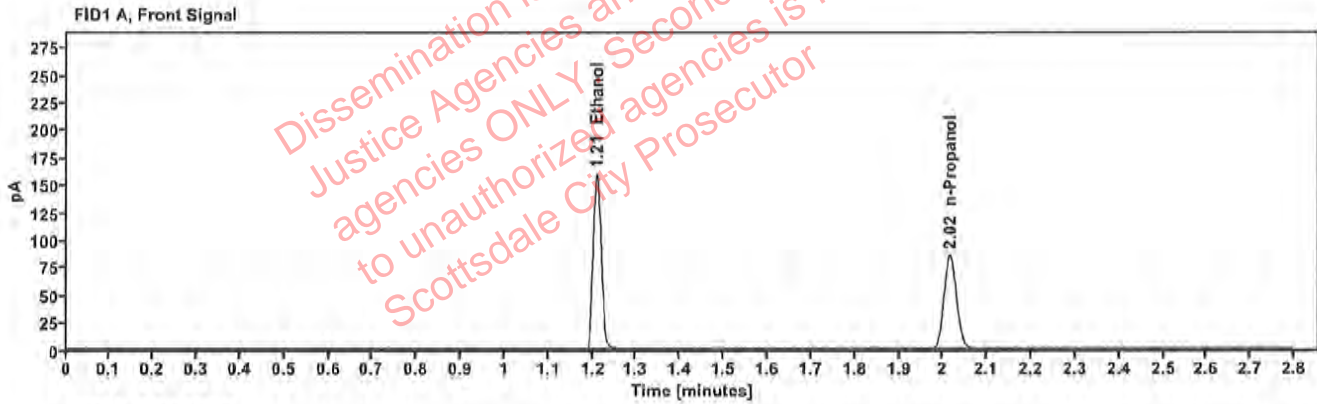


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3088	1.209	203.414
n-Propanol	—	2.015	170.611

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

Compound	Time (min)	Peak Area
Ethanol	1.357	222.668
n-Propanol	2.435	185.497