

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 02/02/2023 SEQUENCE NAME 02Feb23

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN10051909 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 0.99994
 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 122022AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.395 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/8
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
42	Aqueous control	0.400 g/dL	0.407 g/dL	Lipomed 30012020-A
43	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.200 g/dL	ACQ 4110320133/8
45	Blank	Not detected	Not detected	SPD lab 011823WB

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Erika Camonica Analyst
 Run valid Run invalid Phil Beal Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

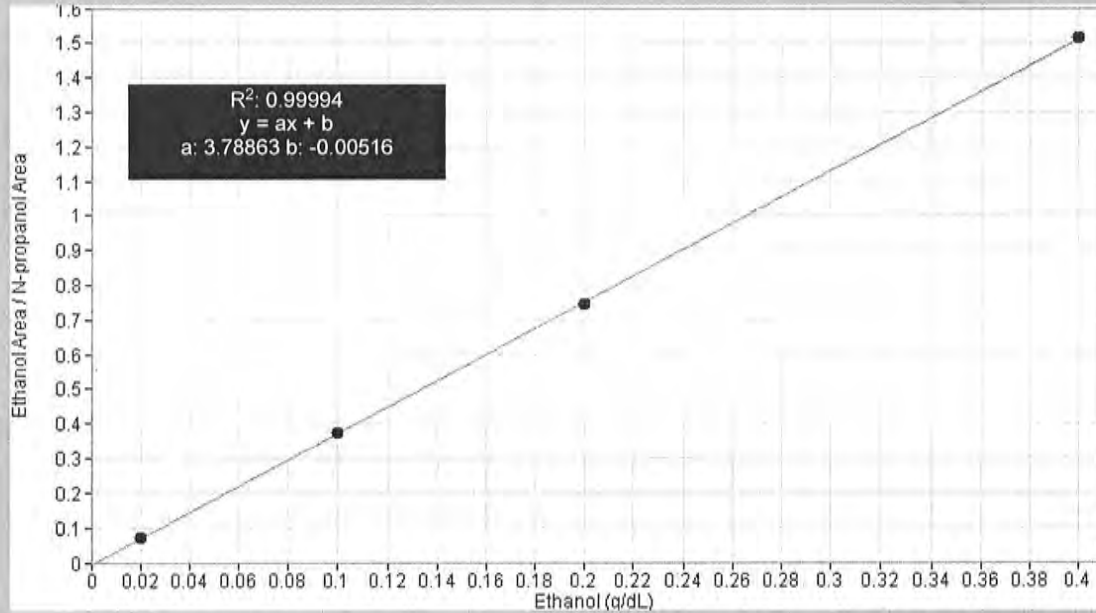
SEQUENCE NAME: 02Feb23

ANALYST: Canonico ee

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 122022AQ	5	negative	negative	-	-
0.400 30012020-A	7	0.395	0.400	1.25	-0.005
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/8	9	0.203	0.199	2.01	0.004
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.080 20012020-B	31	0.080	0.080	0.00	0.000
0.400 30012020-A	42	0.407	0.400	1.75	0.007
0.040 14082019-B	43	0.040	0.040	0.00	0.000
0.199 4110320133/8	44	0.200	0.199	0.50	0.001
blank 011823WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.717	160.321	0.073
0.100	62.265	165.930	0.375
0.200	120.073	161.057	0.746
0.400	245.172	162.012	1.513

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051909	Vial: 1
Description: 0.020 calibrator	Sequence: 02Feb23
Method: ethanol quant.M	Injection date: 2/2/2023 11:40:27 AM
Instrument: US14173023 CN14160045	Analyst: Canonico ec
Data file: C:\Chem32\1\Data\02Feb23\1.D	

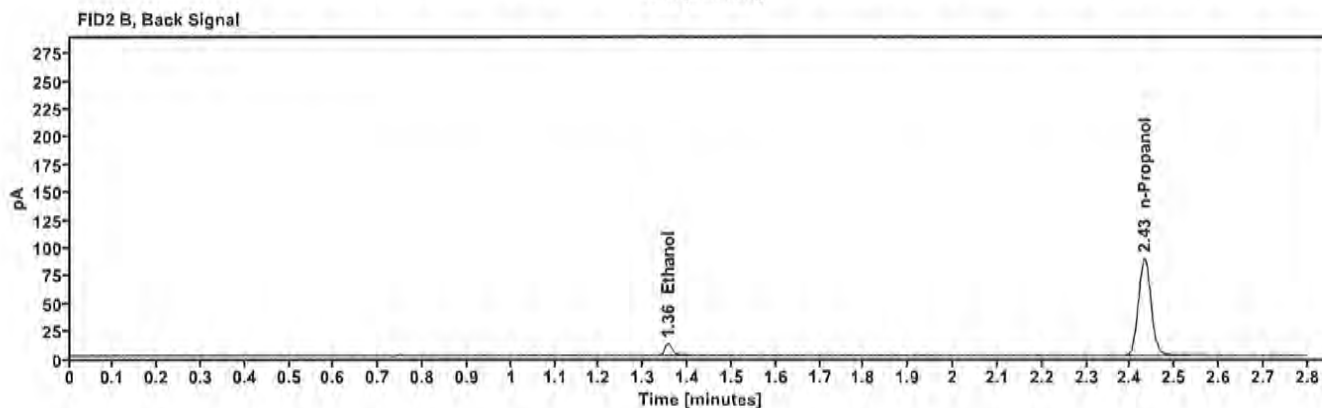
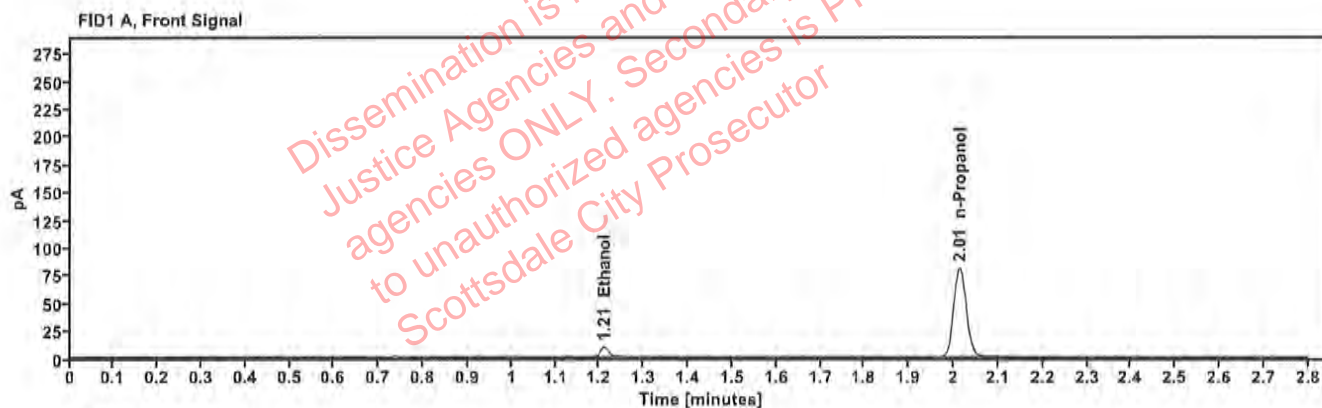


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	11.717
n-Propanol	2.013	160.321

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

Compound	Time (min)	Peak Area
Ethanol	1.356	12.660
n-Propanol	2.432	173.852

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 02Feb23
Method: ethanol quant.M	Injection date: 2/2/2023 11:44:26 AM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\02Feb23\2.D	

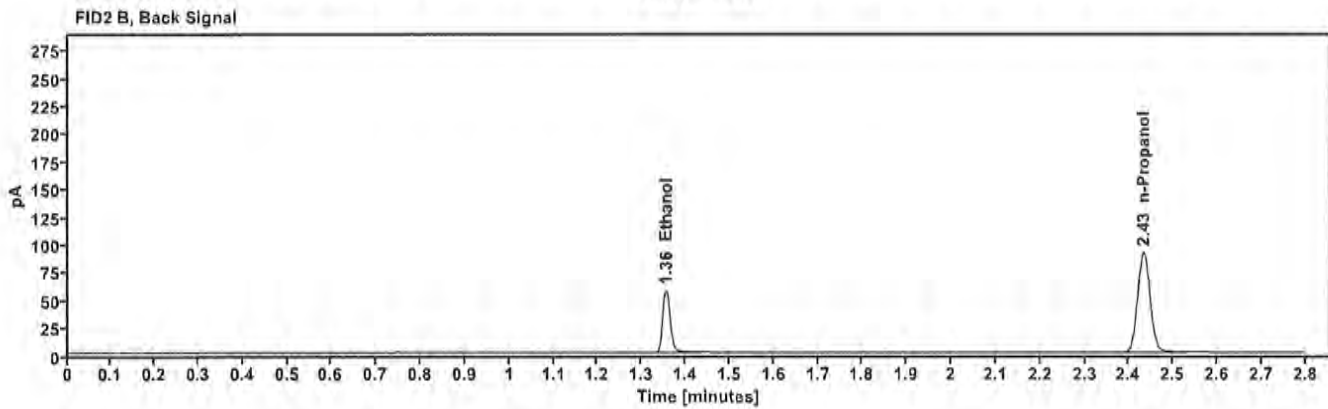
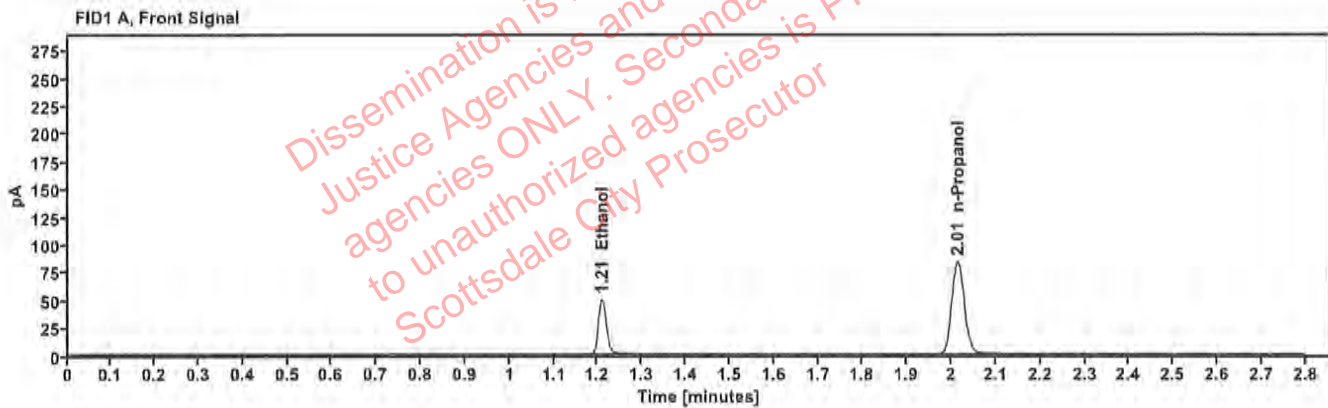


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	62.265
n-Propanol	2.014	165.930

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

Compound	Time (min)	Peak Area
Ethanol	1.355	67.932
n-Propanol	2.433	179.695

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02052101	Vial: 3
Description: 0.200 calibrator	Sequence: 02Feb23
Method: ethanol quant.M	Injection date: 2/2/2023 11:48:27 AM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Chem32\1\Data\02Feb23\3.D	

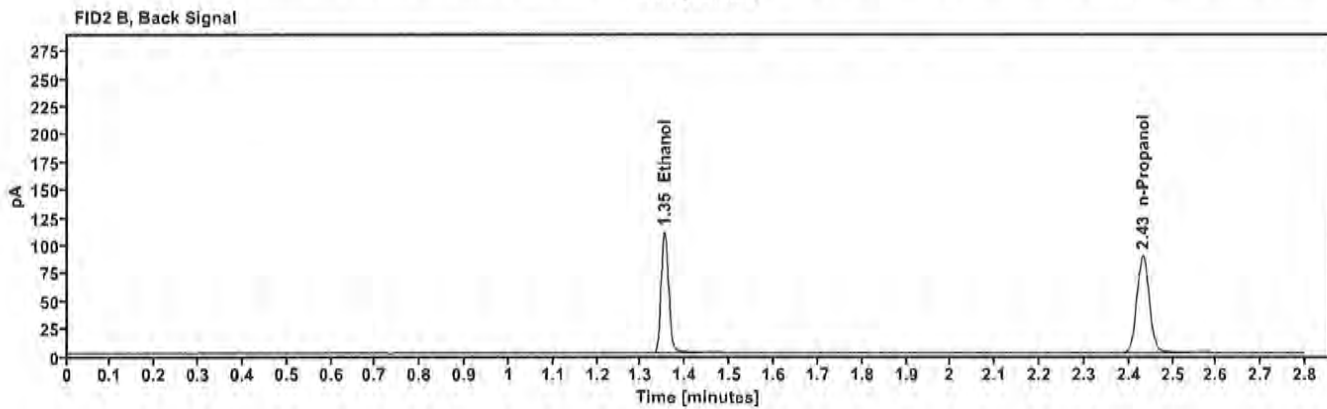
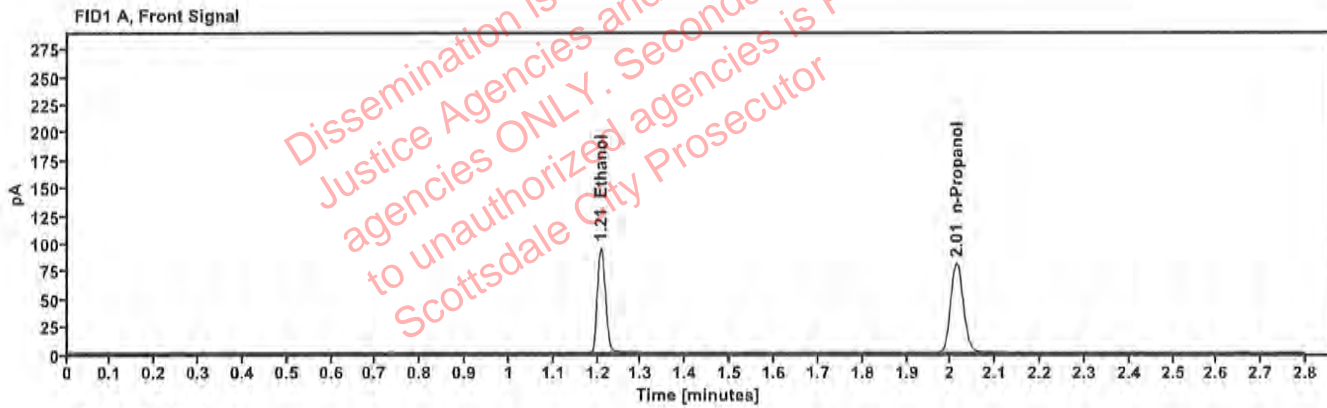


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	120.073
n-Propanol	2.013	161.057

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

Compound	Time (min)	Peak Area
Ethanol	1.353	131.090
n-Propanol	2.432	174.689

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	02Feb23
Method:	ethanol quant.M	Injection date:	2/2/2023 11:52:26 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ee
Data file:	C:\Chem32\1\Data\02Feb23\4.D		

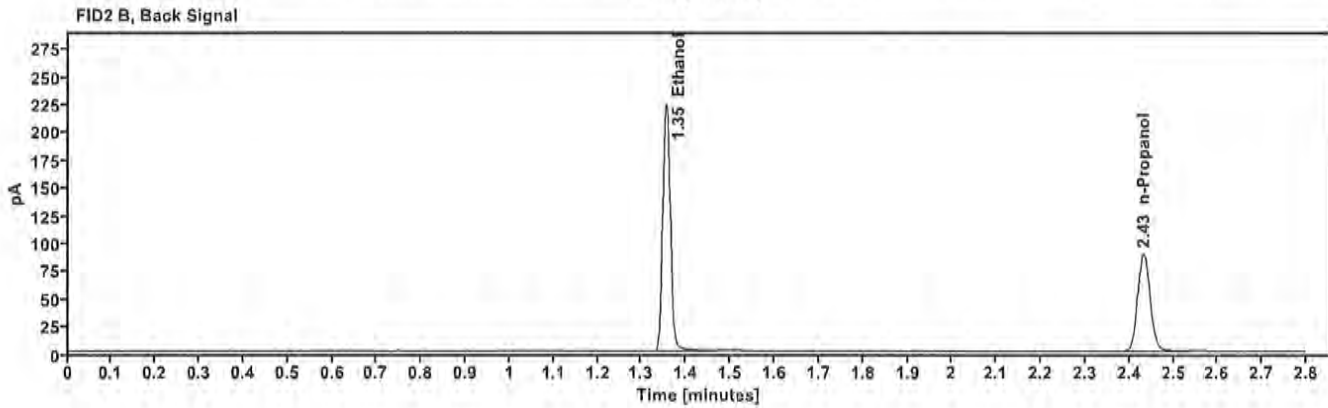
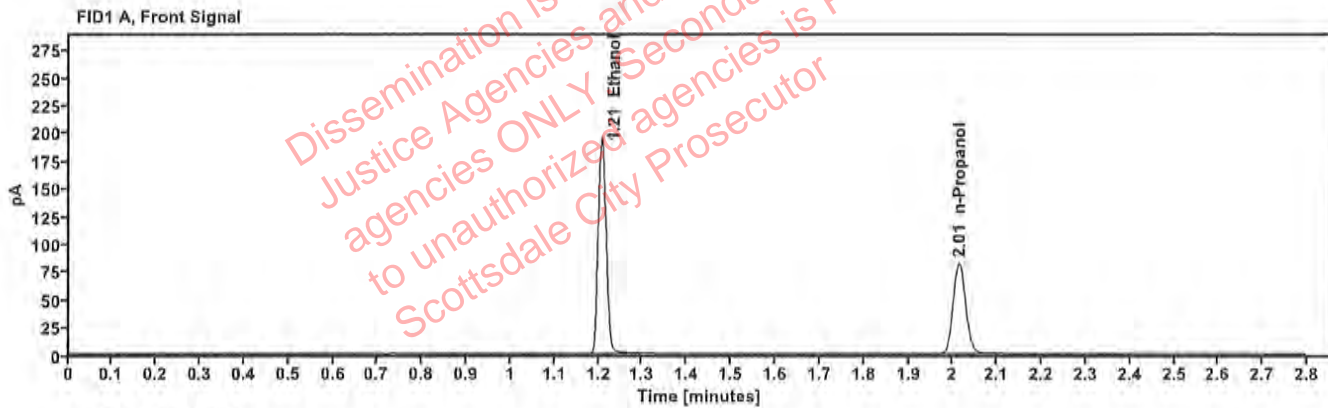


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	245.172
n-Propanol	2.014	162.012

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

Compound	Time (min)	Peak Area
Ethanol	1.354	269.022
n-Propanol	2.433	175.645

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	122022AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 11:56:26 AM
Data file:	C:\Chem32\1\Data\02Feb23\5.D	Analyst:	Canonico <i>ec</i>

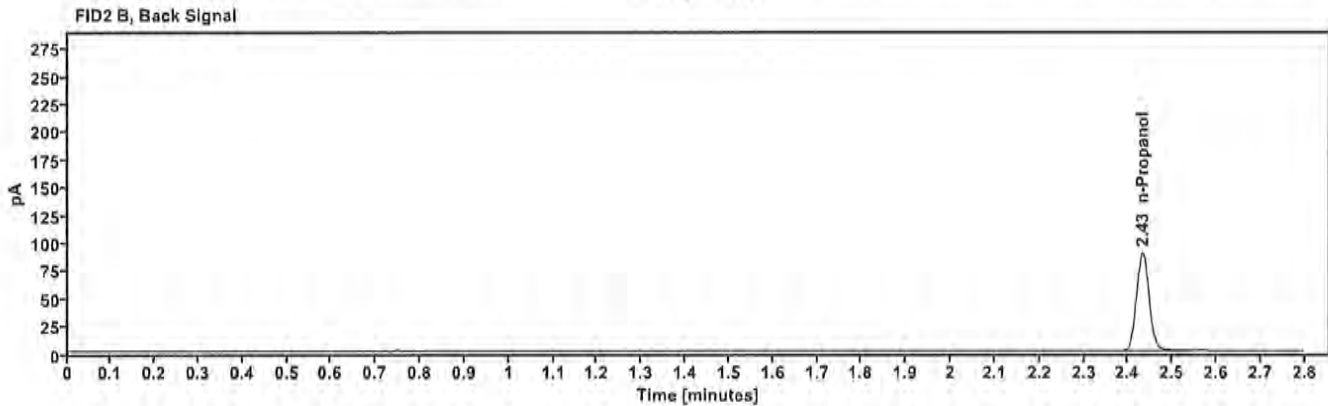
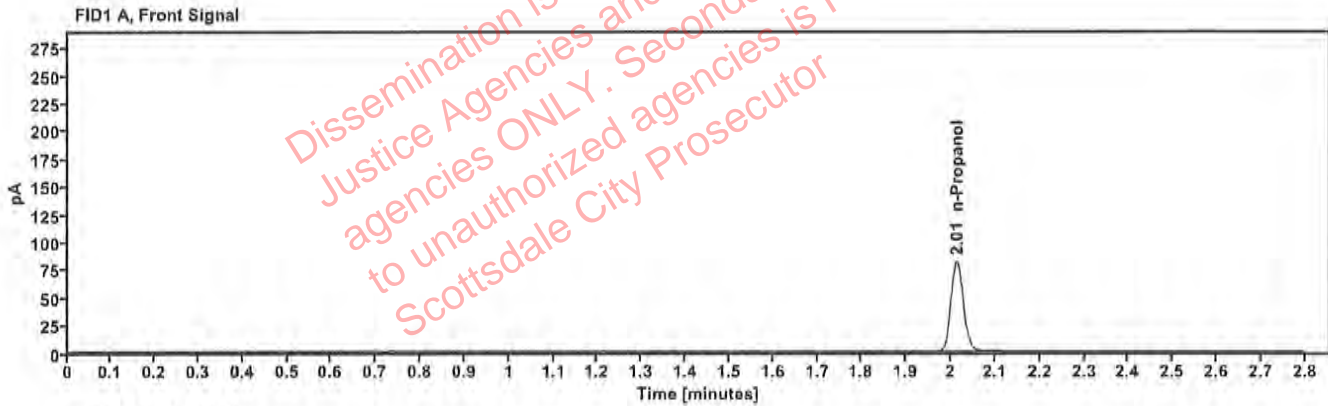


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.014	162.219

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

Compound	Time (min)	Peak Area
n-Propanol	2.432	175.700

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 02Feb23
Instrument: US14173023 CN14160045	Injection date: 2/2/2023 12:00:26 PM
Data file: C:\Chem32\1\Data\02Feb23\6.D	Analyst: Canonico <i>PC</i>

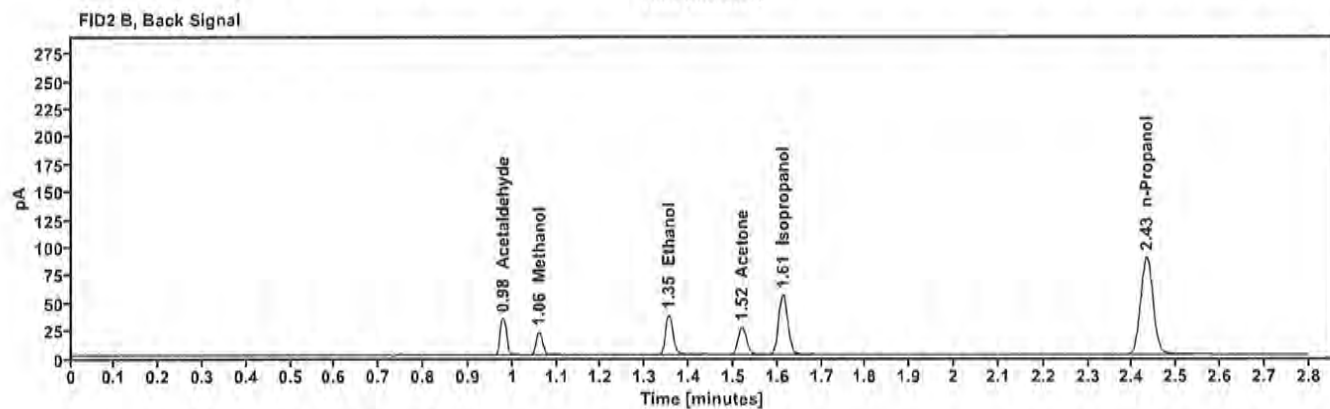
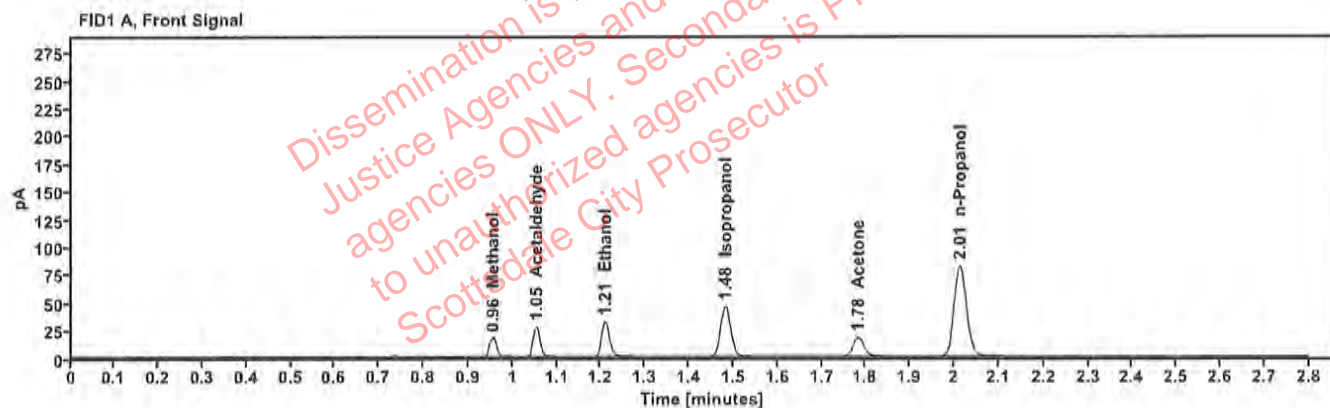


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	---	0.955	19.772
Acetaldehyde	---	1.054	29.920
>Ethanol	0.0665	1.209	40.081
Isopropanol	---	1.482	72.924
Acetone	---	1.782	29.947
n-Propanol	---	2.013	162.440

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	33.520
Methanol	1.060	21.764
Ethanol	1.354	43.571
Acetone	1.519	32.906
Isopropanol	1.612	80.600
n-Propanol	2.432	175.980

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 12:04:41 PM
Data file:	C:\Chem32\1\Data\02Feb23\7.D	Analyst:	Canonico <i>EC</i>

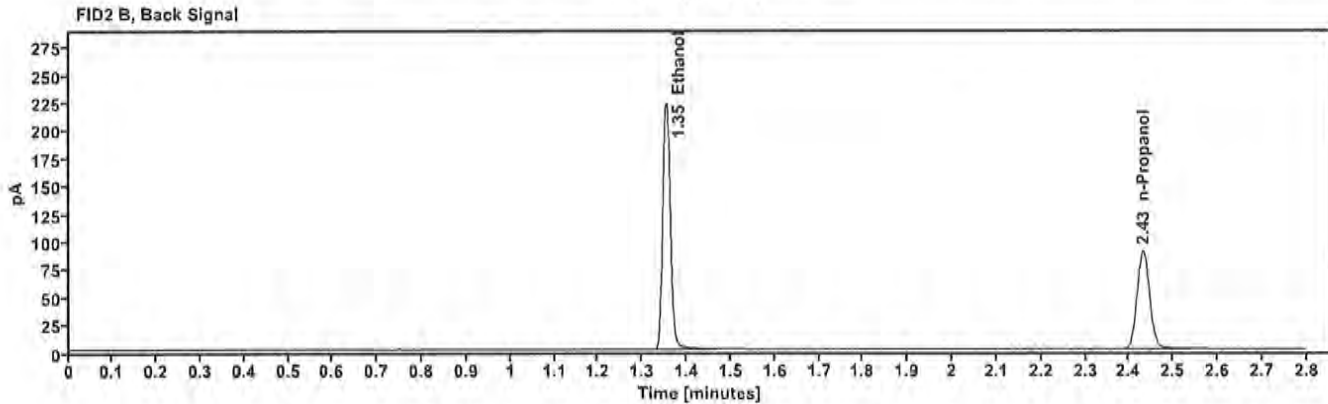
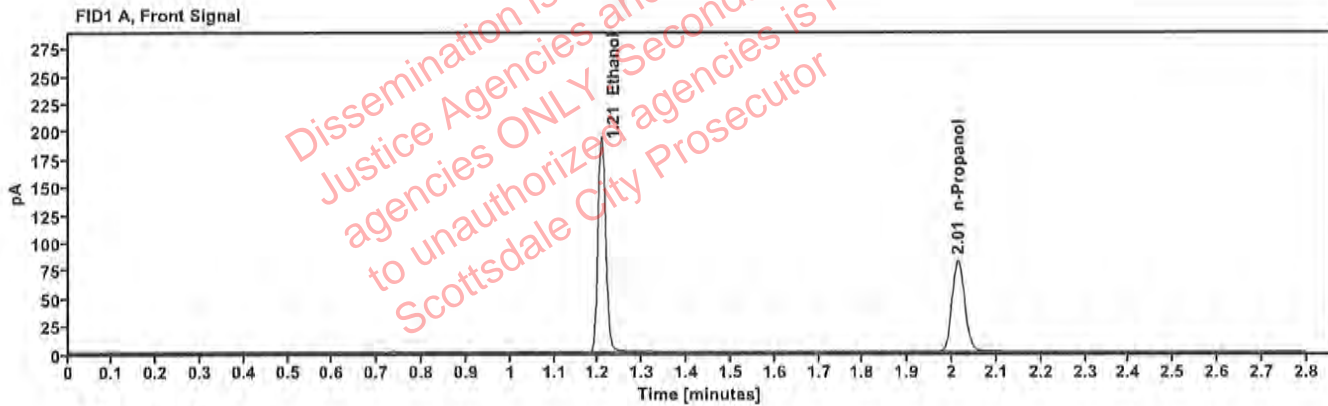


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3957	1.207	244.121
n-Propanol	—	2.013	163.398

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

Compound	Time (min)	Peak Area
Ethanol	1.353	267.727
n-Propanol	2.432	177.130

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 02Feb23
Instrument: US14173023 CN14160045	Injection date: 2/2/2023 12:08:42 PM
Data file: C:\Chem32\1\Data\02Feb23\8.D	Analyst: Canonico <i>ec</i>

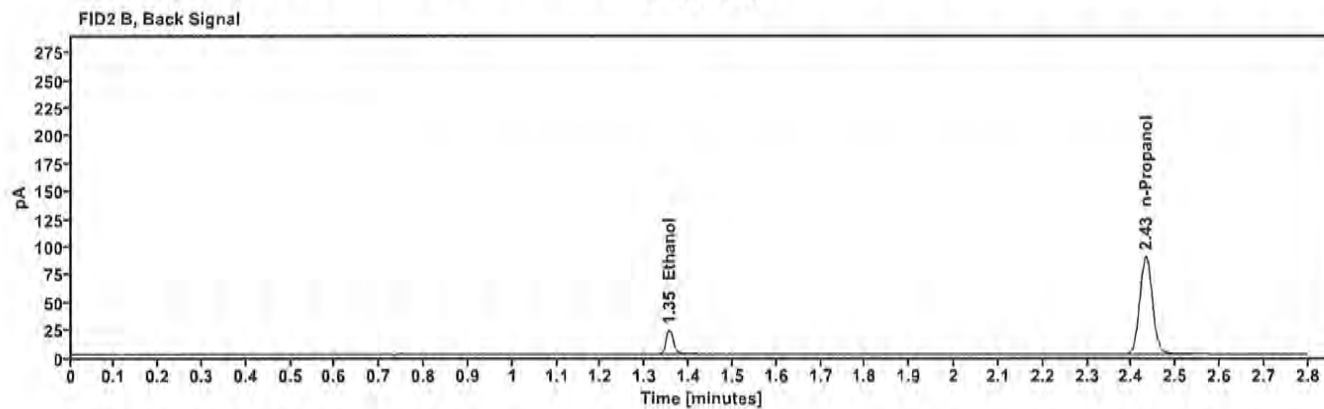
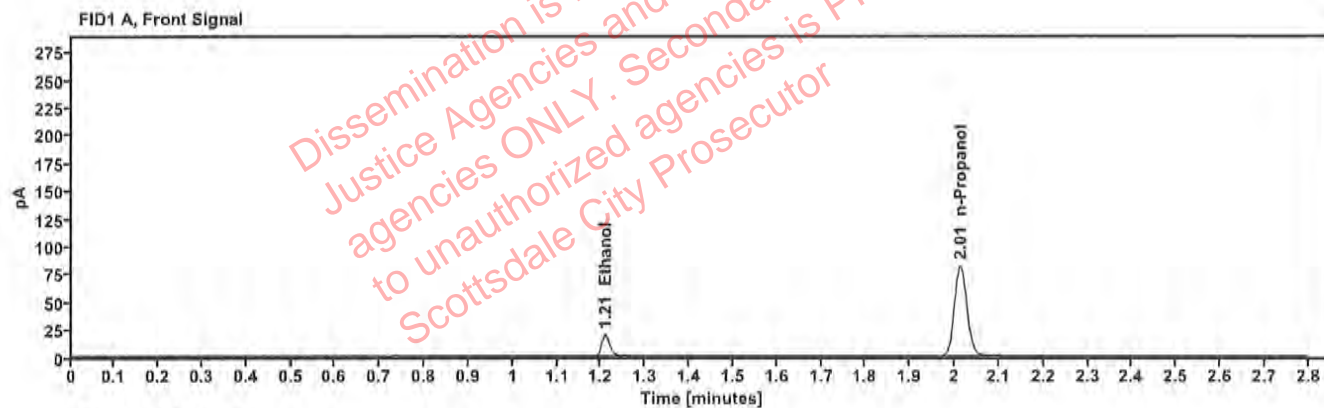


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.209	24.280
n-Propanol	---	2.013	162.423

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

Compound	Time (min)	Peak Area
Ethanol	1.355	26.315
n-Propanol	2.432	176.125

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/8	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 02Feb23
Instrument: US14173023 CN14160045	Injection date: 2/2/2023 12:12:41 PM
Data file: C:\Chem32\1\Data\02Feb23\9.D	Analyst: Canonico 80

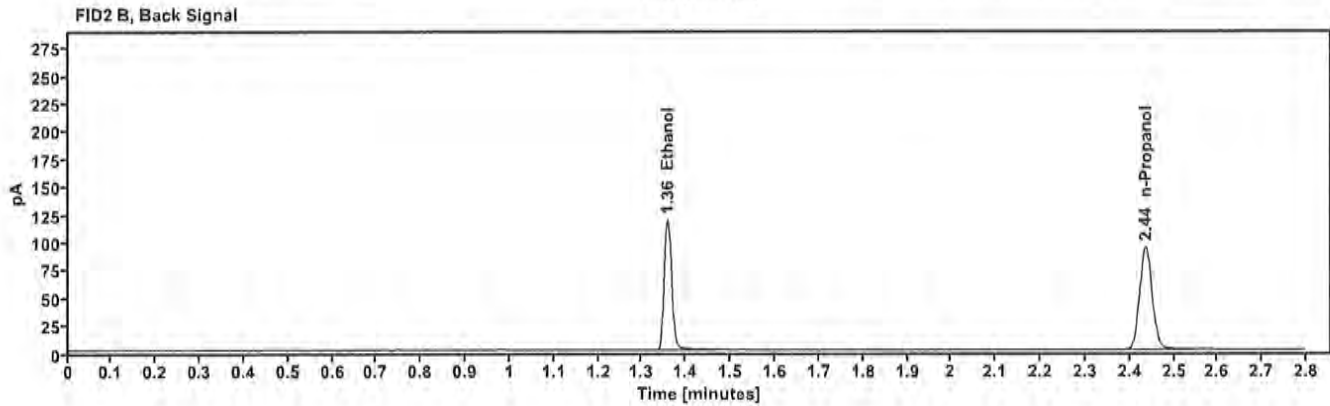
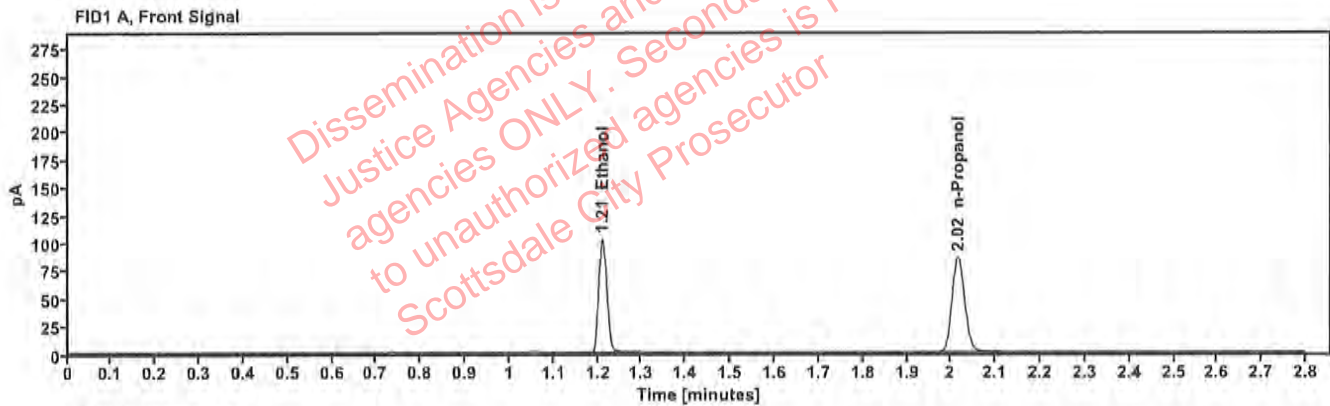


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.210	130.312
n-Propanol	---	2.016	170.091

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

Compound	Time (min)	Peak Area
Ethanol	1.358	142.759
n-Propanol	2.436	184.269

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 02Feb23
Instrument: US14173023 CN14160045	Injection date: 2/2/2023 12:57:12 PM
Data file: C:\Chem32\1\Data\02Feb23\20.D	Analyst: Canonico <i>80</i>

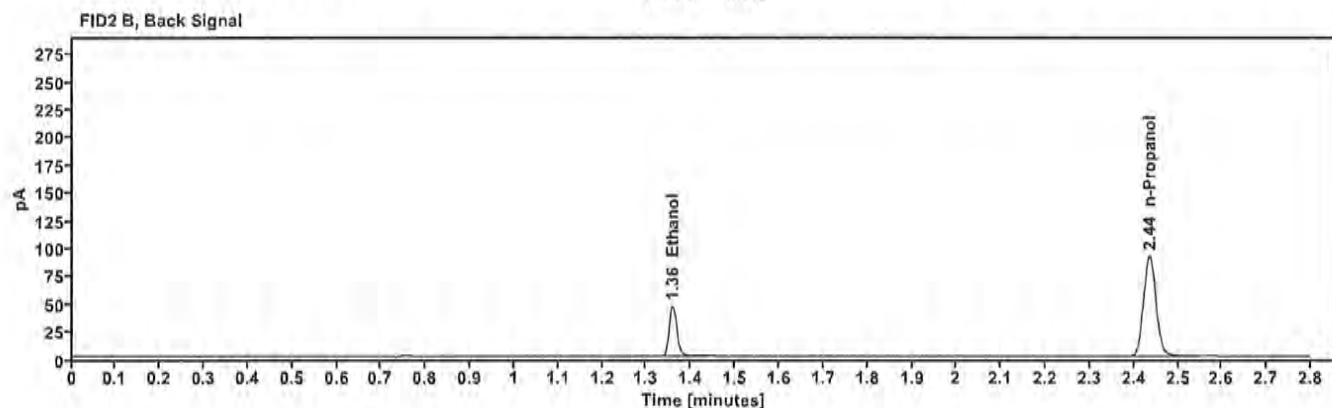
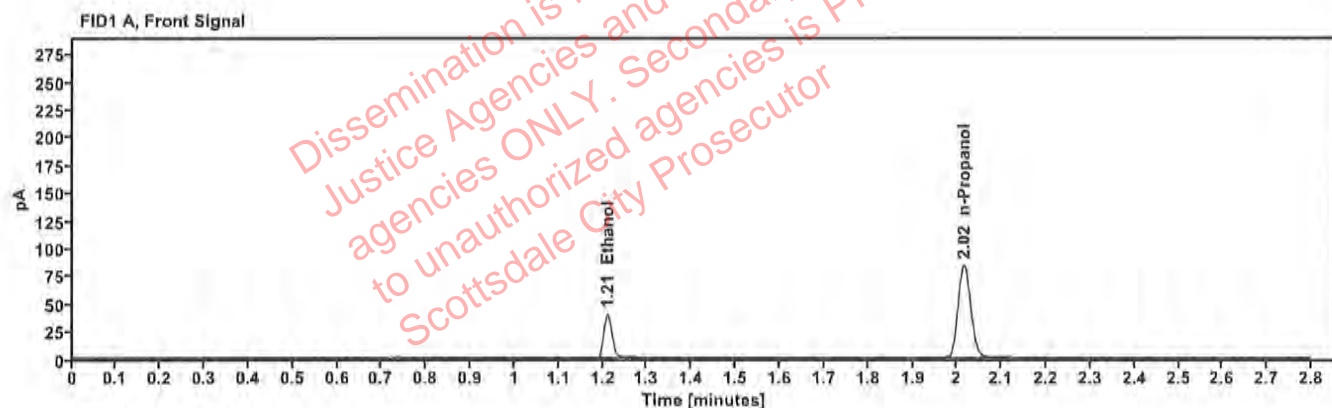


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0815	1.211	50.645
n-Propanol	---	2.015	166.817

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

Compound	Time (min)	Peak Area
Ethanol	1.358	55.179
n-Propanol	2.435	180.511

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 02Feb23
Instrument: US14173023 CN14160045	Injection date: 2/2/2023 1:41:42 PM
Data file: C:\Chem32\1\Data\02Feb23\31.D	Analyst: Canonico <i>SC</i>

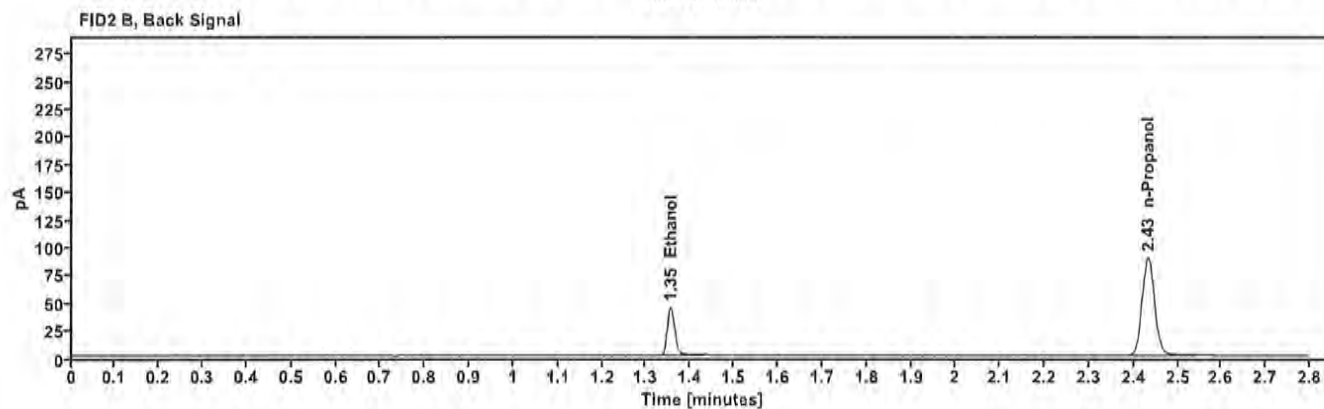
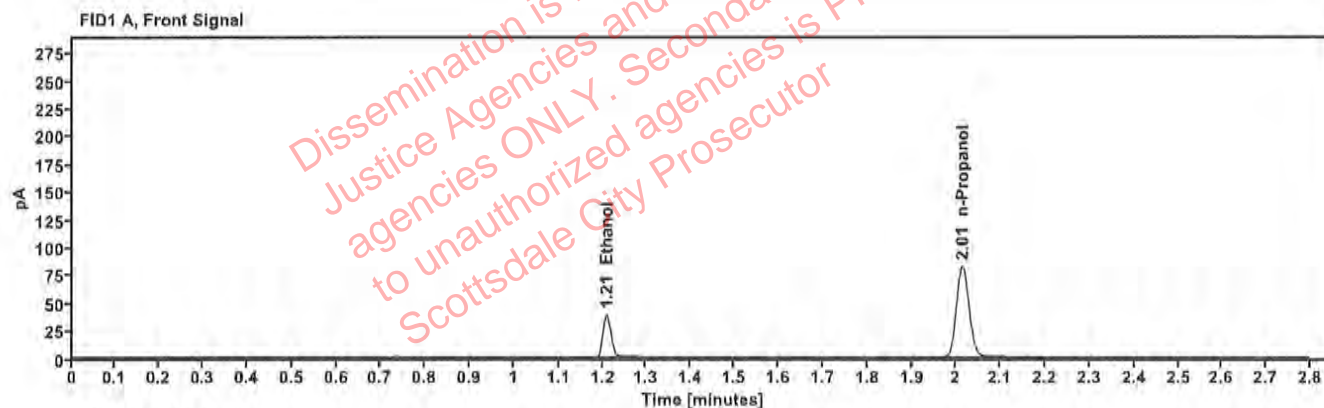


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0801	1.209	48.765
n-Propanol	-----	2.014	163.473

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

Compound	Time (min)	Peak Area
Ethanol	1.355	52.987
n-Propanol	2.432	176.902

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 2:25:56 PM
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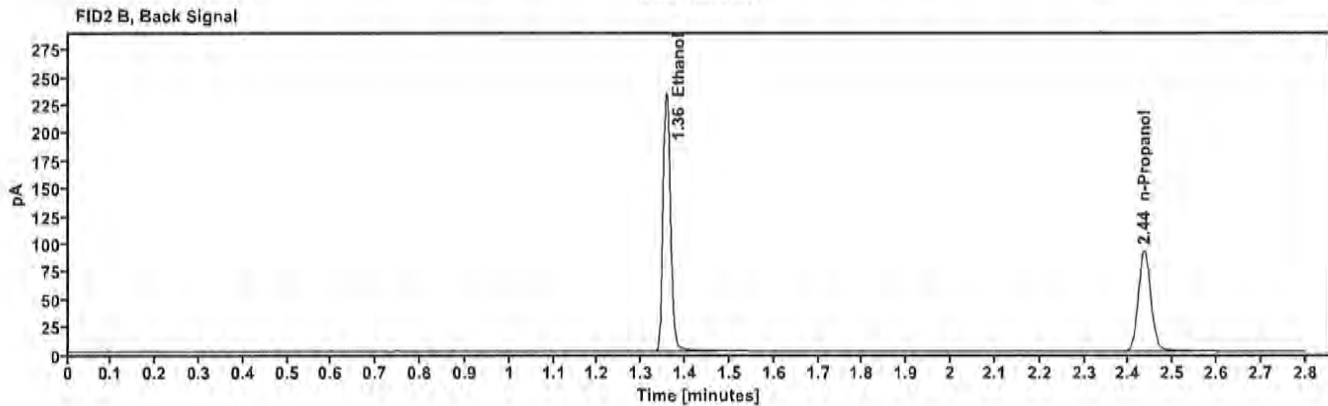
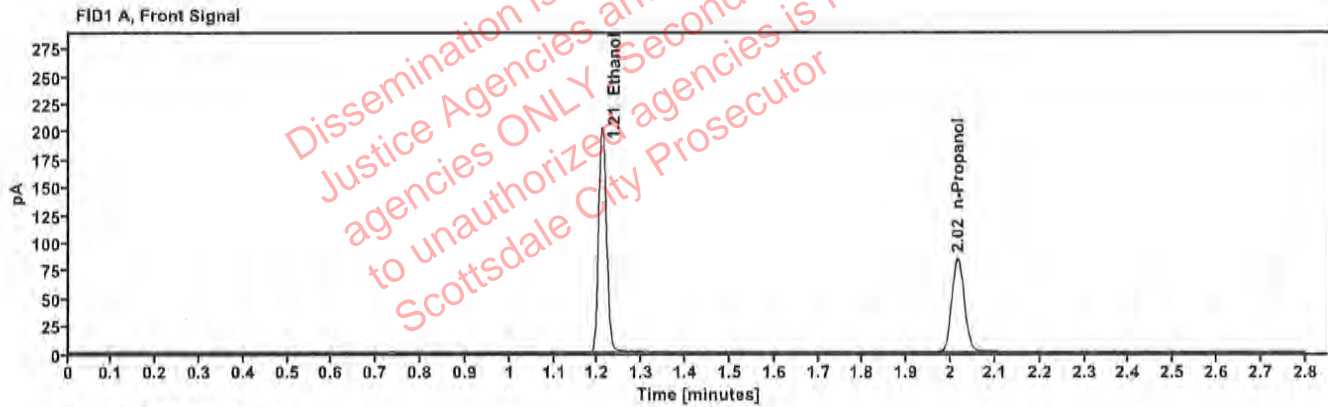


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4073	1.209	257.664
n-Propanol	---	2.015	167.538

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

Compound	Time (min)	Peak Area
Ethanol	1.357	282.776
n-Propanol	2.435	181.546

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 2:30:12 PM
Data file:	C:\Chem32\1\Data\02Feb23\43.D	Analyst:	Canonico EC

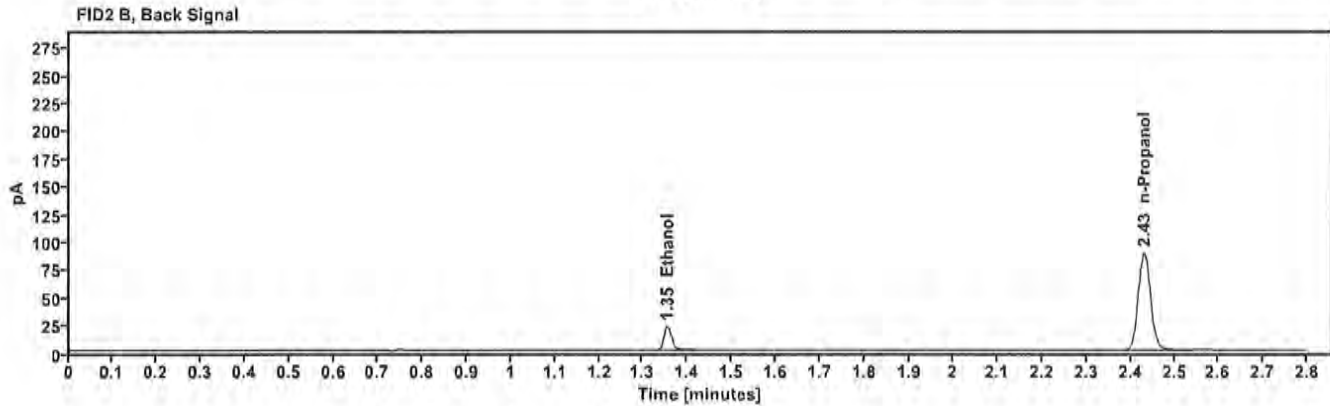
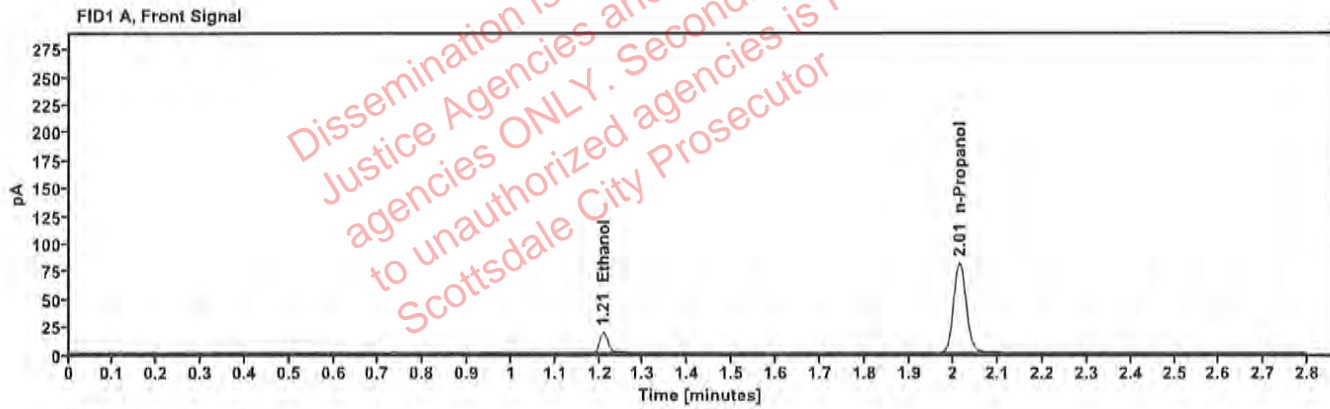


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0405	1.209	24.095
n-Propanol	—	2.013	162.310

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

Compound	Time (min)	Peak Area
Ethanol	1.354	26.066
n-Propanol	2.431	175.727

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/8	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 02Feb23
Instrument: US14173023 CN14160045	Injection date: 2/2/2023 2:34:11 PM
Data file: C:\Chem32\1\Data\02Feb23\44.D	Analyst: Canonico <i>CC</i>

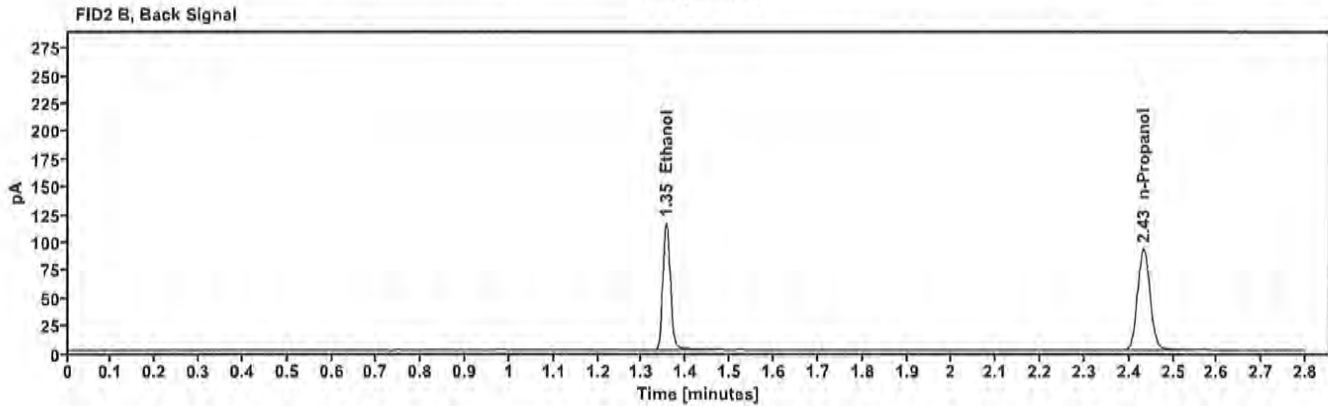
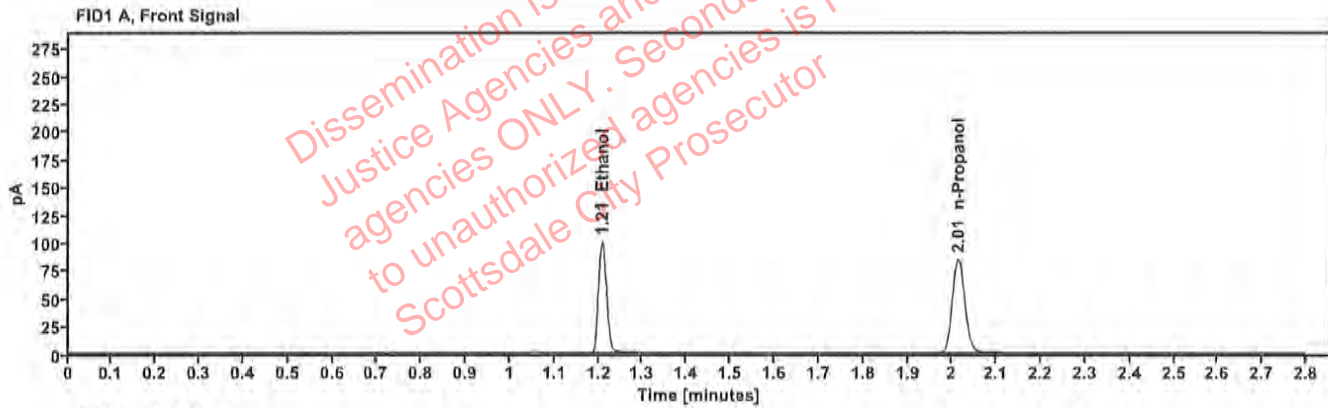


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2003	1.208	126.729
n-Propanol	---	2.014	168.107

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

Compound	Time (min)	Peak Area
Ethanol	1.354	139.054
n-Propanol	2.433	182.241

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	011823WB	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 2:38:11 PM
Data file:	C:\Chem32\1\Data\02Feb23\45.D	Analyst:	Canonico <i>EC</i>

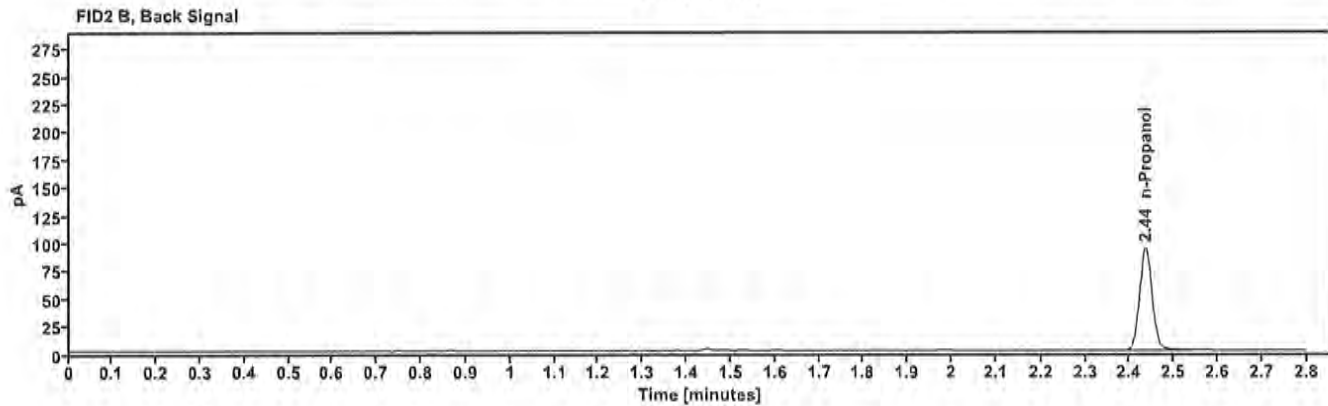
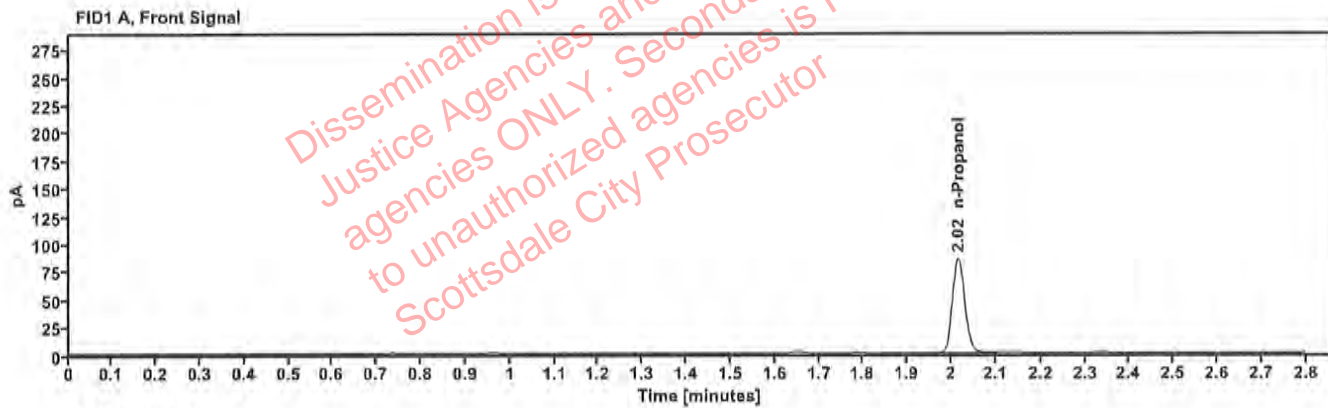


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.016	169.542

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

Compound	Time (min)	Peak Area
n-Propanol	2.436	184.173

Sequence Summary

Sequence name: 02Feb23 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	122022AQ	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	4110320133/8	0.199	Control		ethanol quant.M
10	2300891-2		Sample		ethanol quant.M
11	2300891-2		Sample		ethanol quant.M
12	2301008-3		Sample		ethanol quant.M
13	2301008-3		Sample		ethanol quant.M
14	2300954-3		Sample		ethanol quant.M
15	2300954-3		Sample		ethanol quant.M
16	2300171-2		Sample		ethanol quant.M
17	2300171-2		Sample		ethanol quant.M
18	2301179-1		Sample		ethanol quant.M
19	2301179-1		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	2301015-2		Sample		ethanol quant.M
22	2301015-2		Sample		ethanol quant.M
23	2301202-2		Sample		ethanol quant.M
24	2301202-2		Sample		ethanol quant.M
25	2301274-2		Sample		ethanol quant.M
26	2301274-2		Sample		ethanol quant.M
27	2301273-1		Sample		ethanol quant.M
28	2301273-1		Sample		ethanol quant.M
29	2301344-2		Sample		ethanol quant.M
30	2301344-2		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	2301277-3		Sample		ethanol quant.M
33	2301277-3		Sample		ethanol quant.M
34	2301341-4		Sample		ethanol quant.M
35	2301341-4		Sample		ethanol quant.M
36	2301476-1		Sample		ethanol quant.M
37	2301476-1		Sample		ethanol quant.M
38	318-01G.H.		Sample		ethanol quant.M
39	318-01G.H.		Sample		ethanol quant.M
40	2301413-3		Sample		ethanol quant.M
41	2301413-3		Sample		ethanol quant.M
42	30012020-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/8	0.199	Control		ethanol quant.M
45	011823WB	Negative	Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 02Feb23

ANALYST: Canonico ee

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1503	0.1501	0.15020	0.07	0.00010
12 13	0.1107	0.1117	0.11120	0.45	0.00050
14 15	0.1090	0.1084	0.10870	0.28	0.00030
16 17	0.0902	0.0891	0.08965	0.61	0.00055
18 19	0.0575	0.0575	0.05750	0.00	0.00000
21 22	0.1507	0.1516	0.15115	0.30	0.00045
23 24	0.1567	0.1547	0.15570	0.64	0.00100
25 26	0.2424	0.2404	0.24140	0.41	0.00100
27 28	0.1879	0.1891	0.18850	0.32	0.00060
29 30	0.1257	0.1247	0.12520	0.40	0.00050
32 33	0.1071	0.1067	0.10690	0.19	0.00020
34 35	0.1958	0.1983	0.19705	0.63	0.00125
36 37	0.1395	0.1387	0.13910	0.29	0.00040
38 39	0.1966	0.2011	0.19885	1.13	0.00225
40 41	0.2232	0.2240	0.22360	0.18	0.00040

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

Scottsdale Forensic Lab Blood Alcohol Pipetting Log

ANALYST: Canonico EC

SEQUENCE: 02Feb23

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	2300891-2	2300891-2	2300891-2	Yes
Vials 12 and 13	2301008-3	2301008-3	2301008-3	Yes
Vials 14 and 15	2300954-3	2300954-3	2300954-3	Yes
Vials 16 and 17	2300171-2	2300171-2	2300171-2	Yes
Vials 18 and 19	2301179-1	2301179-1	2301179-1	Yes
Vials 21 and 22	2301015-2	2301015-2	2301015-2	Yes
Vials 23 and 24	2301202-2	2301202-2	2301202-2	Yes
Vials 25 and 26	2301274-2	2301274-2	2301274-2	Yes
Vials 27 and 28	2301273-1	2301273-1	2301273-1	Yes
Vials 29 and 30	2301344-2	2301344-2	2301344-2	Yes
Vials 32 and 33	2301277-3	2301277-3	2301277-3	Yes
Vials 34 and 35	2301341-4	2301341-4	2301341-4	Yes
Vials 36 and 37	2301476-1	2301476-1	2301476-1	Yes
Vials 38 and 39	318-01G.H.	318-01G.H.	318-01G.H.	Yes
Vials 40 and 41	2301413-3	2301413-3	2301413-3	Yes

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2300891-2	Vial:	10
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 12:16:42 PM
Data file:	C:\Chem32\1\Data\02Feb23\10.D	Analyst:	Canonico

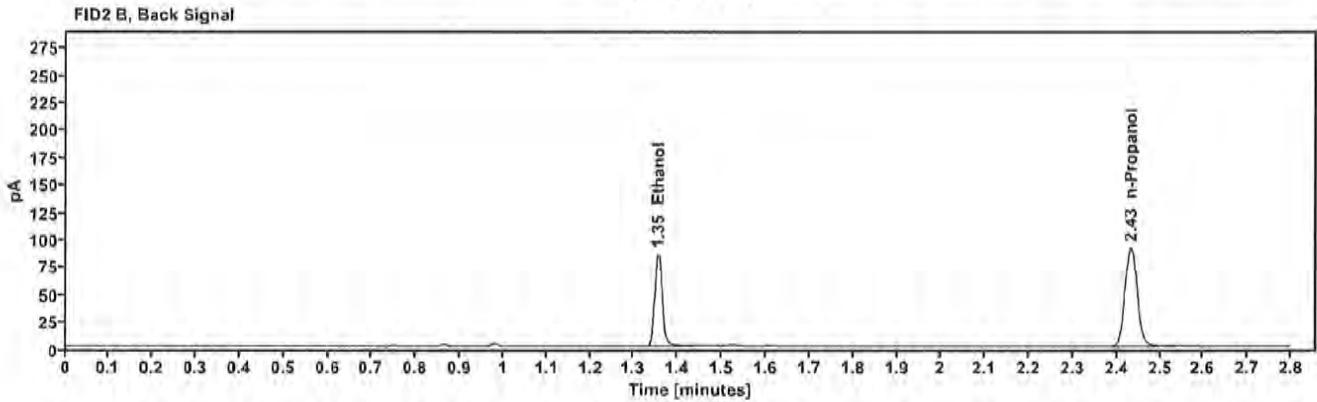
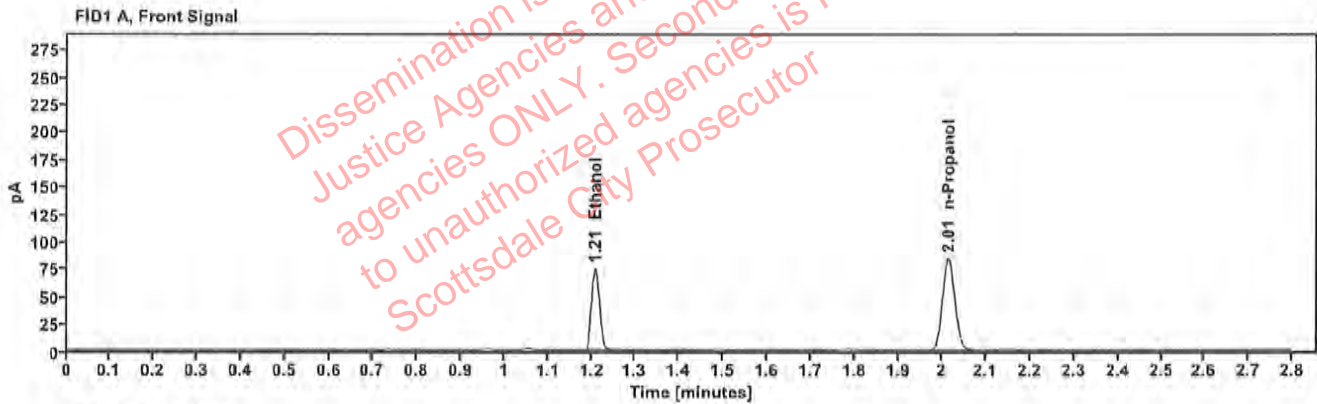


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1503	1.208	93.914
n-Propanol	—	2.014	166.486

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

Compound	Time (min)	Peak Area
Ethanol	1.355	102.284
n-Propanol	2.433	180.164

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2300891-2	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 12:20:41 PM
Data file:	C:\Chem32\1\Data\02Feb23\11.D	Analyst:	Canonico

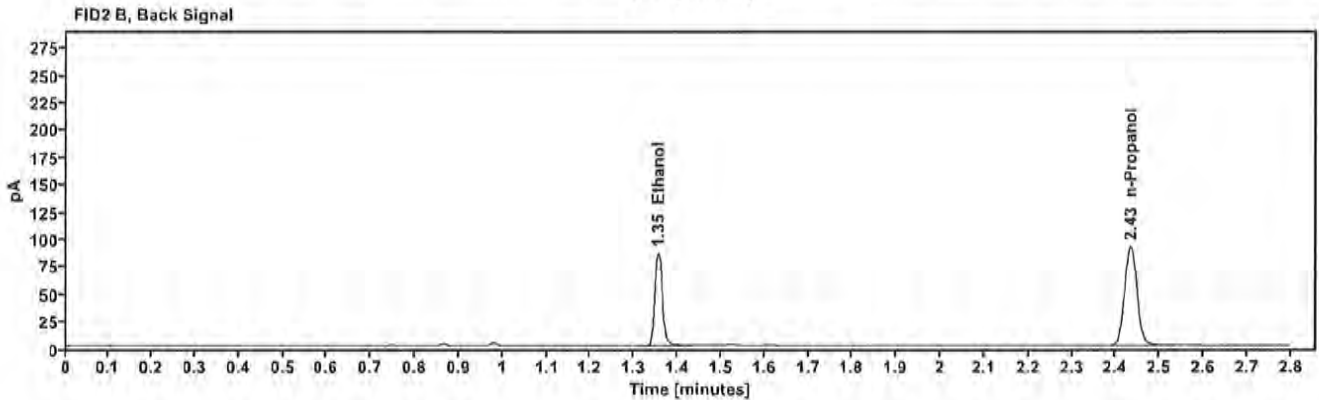
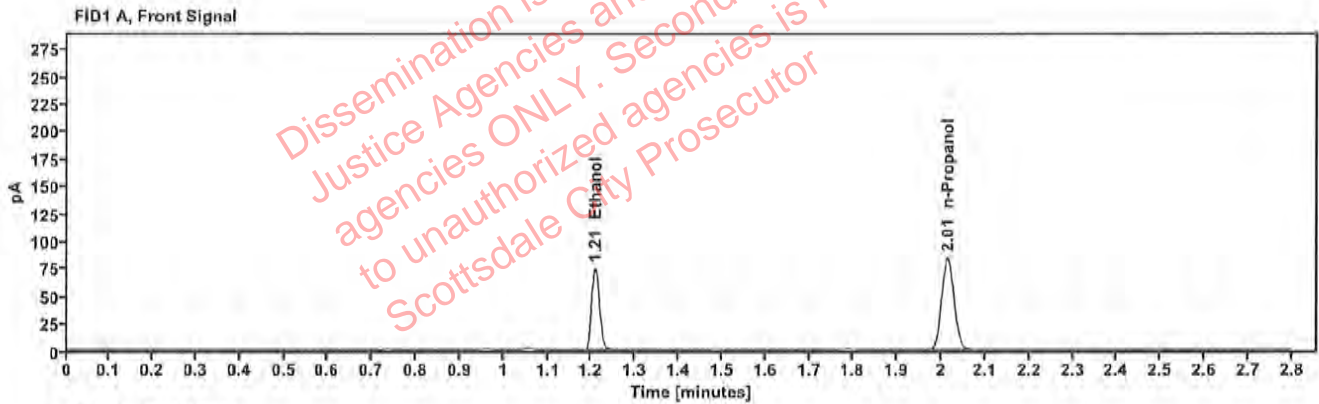


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1501	1.208	94.107
n-Propanol	---	2.014	167.040

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

Compound	Time (min)	Peak Area
Ethanol	1.355	102.425
n-Propanol	2.433	180.686

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301008-3	Vial:	12
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 12:24:42 PM
Data file:	C:\Chem32\1\Data\02Feb23\12.D	Analyst:	Canonico

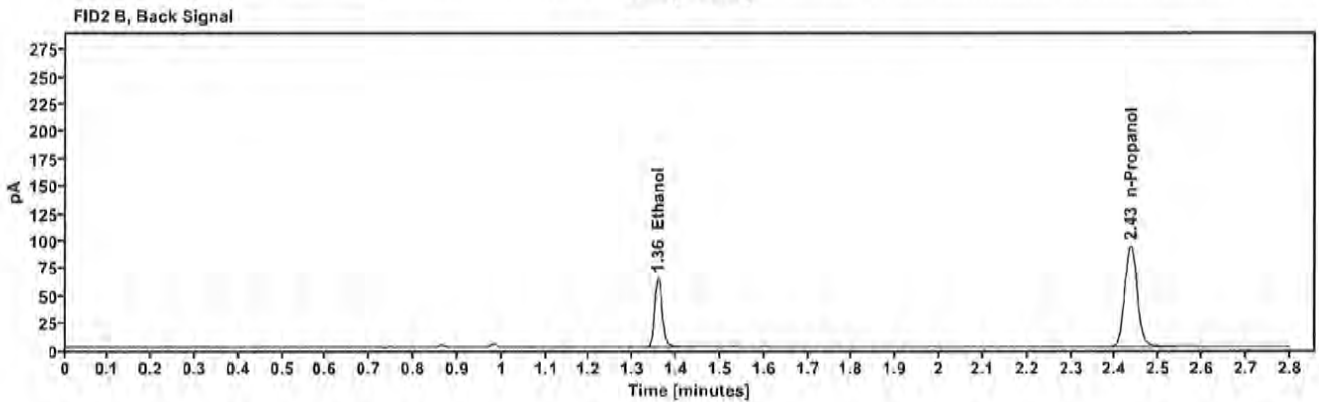
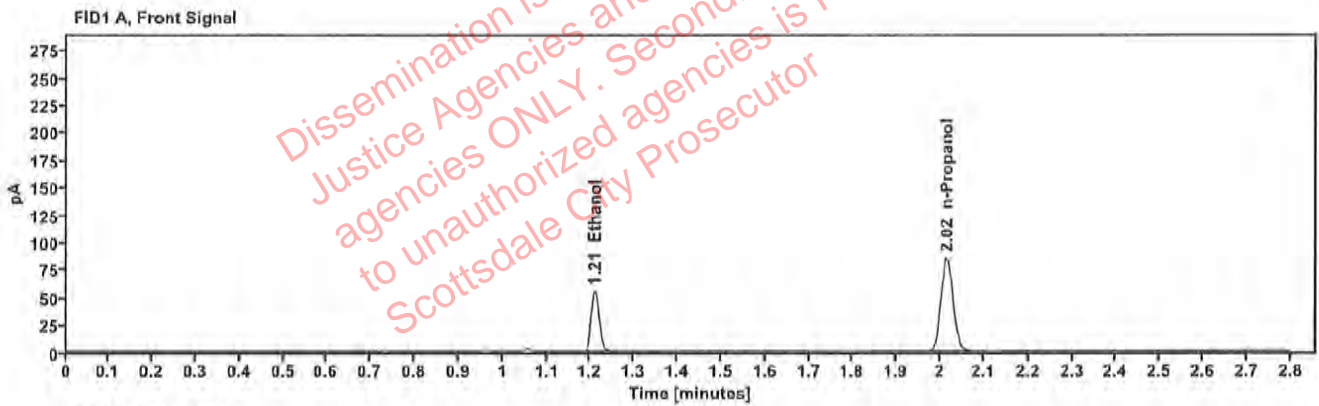


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1107	1.210	70.111
n-Propanol	—	2.015	169.285

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

Compound	Time (min)	Peak Area
Ethanol	1.357	76.183
n-Propanol	2.435	183.431

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301008-3	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 12:28:56 PM
Data file:	C:\Chem32\1\Data\02Feb23\13.D	Analyst:	Canonico

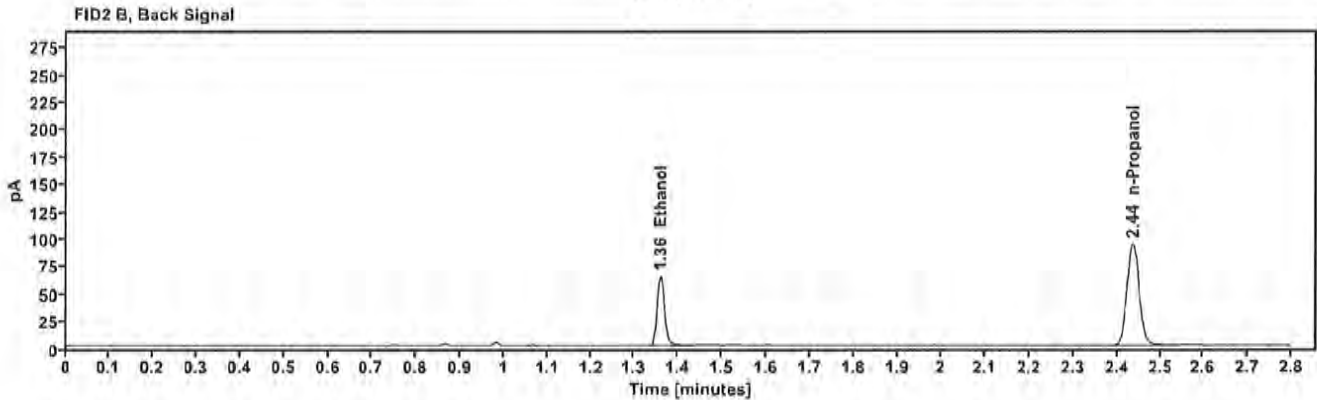
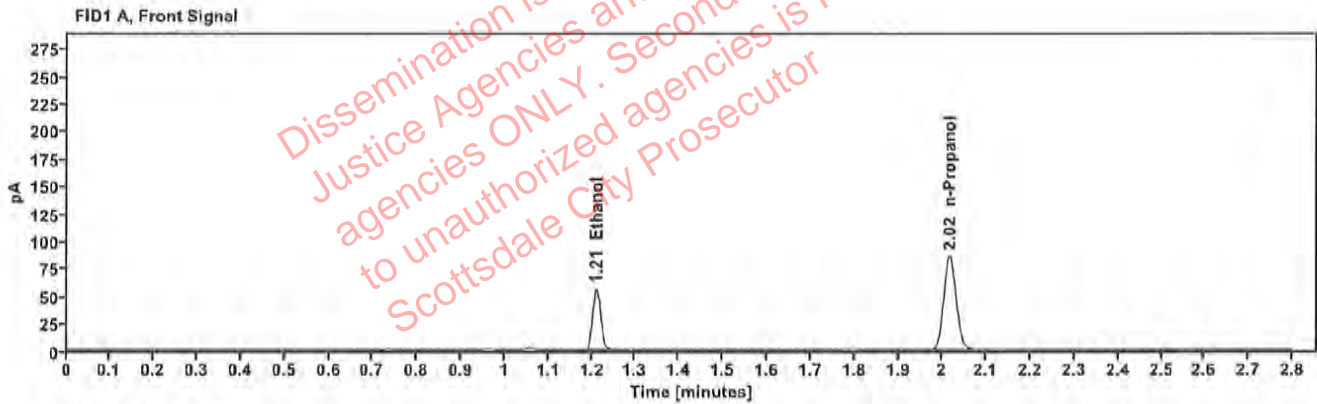


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1117	1.211	71.395
n-Propanol	-----	2.016	170.753

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

Compound	Time (min)	Peak Area
Ethanol	1.359	77.418
n-Propanol	2.436	185.050

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2300954-3	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 12:32:56 PM
Data file:	C:\Chem32\1\Data\02Feb23\14.D	Analyst:	Canonico

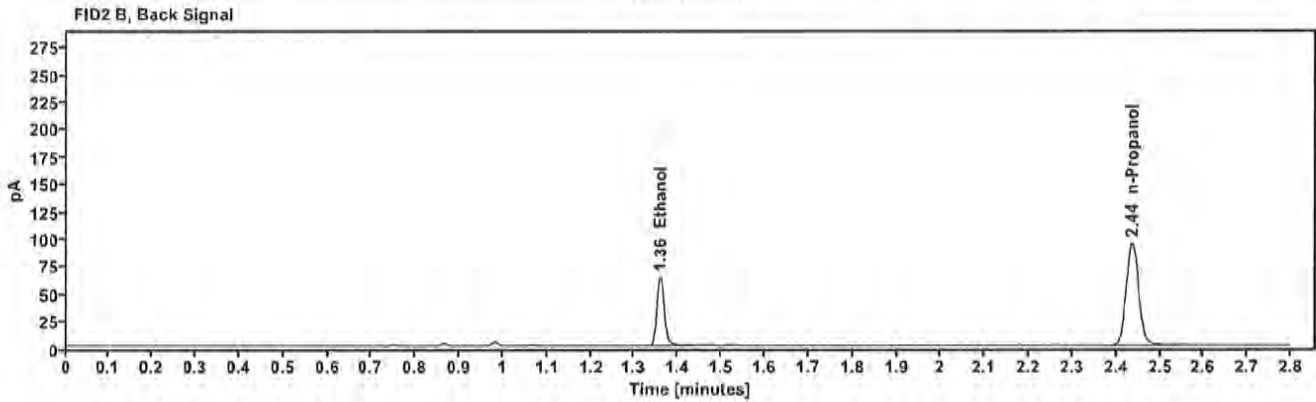
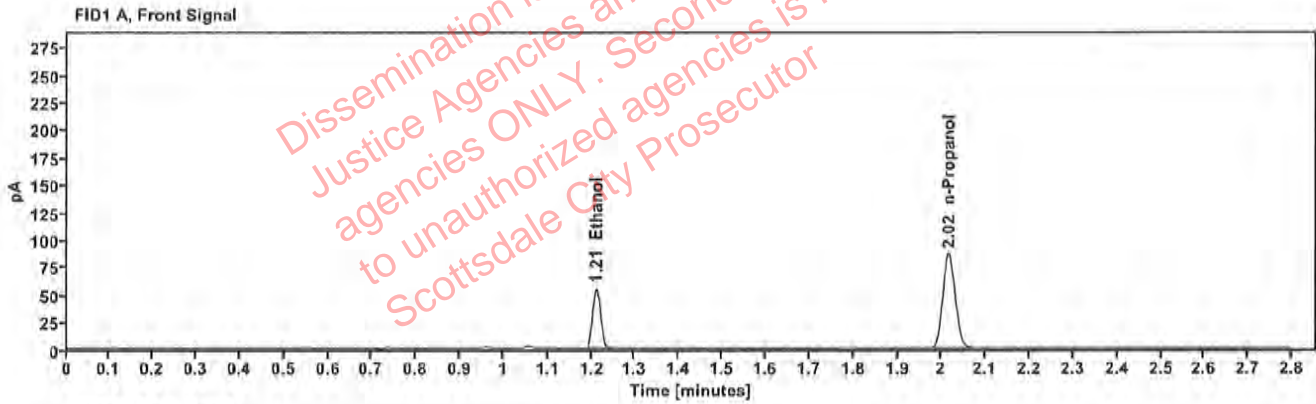


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1090	1.211	70.097
n-Propanol	—	2.016	171.848

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

Compound	Time (min)	Peak Area
Ethanol	1.359	75.942
n-Propanol	2.436	186.091

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2300954-3	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 12:36:57 PM
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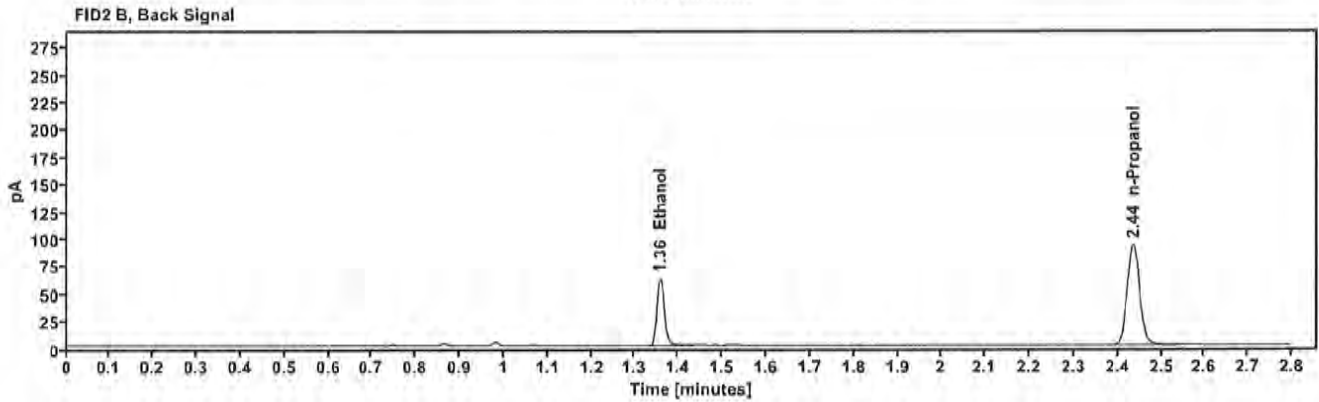
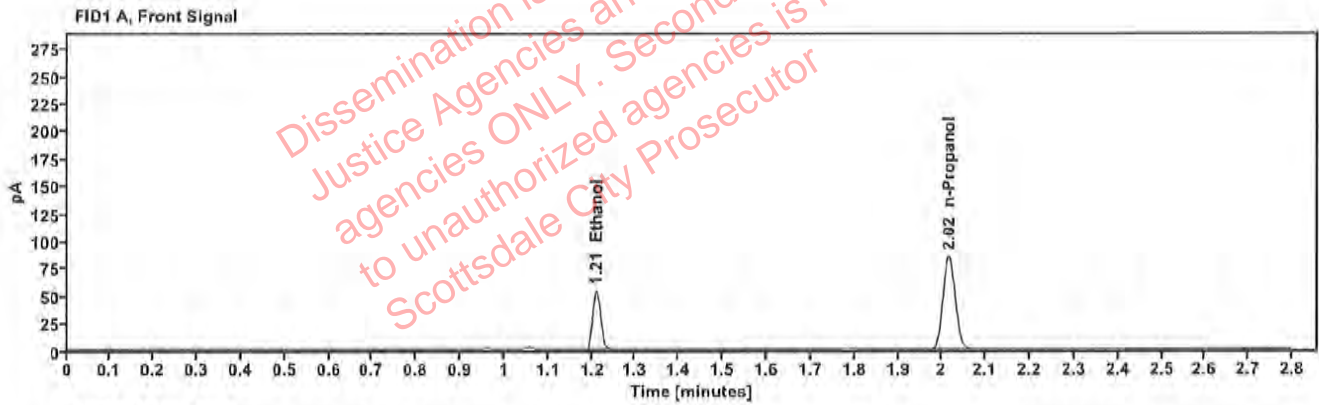


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1084	1.210	68.551
n-Propanol	---	2.016	168.994

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

Compound	Time (min)	Peak Area
Ethanol	1.358	74.477
n-Propanol	2.435	182.937

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2300171-2	Vial:	16
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 12:40:56 PM
Data file:	C:\Chem32\1\Data\02Feb23\16.D	Analyst:	Canonico

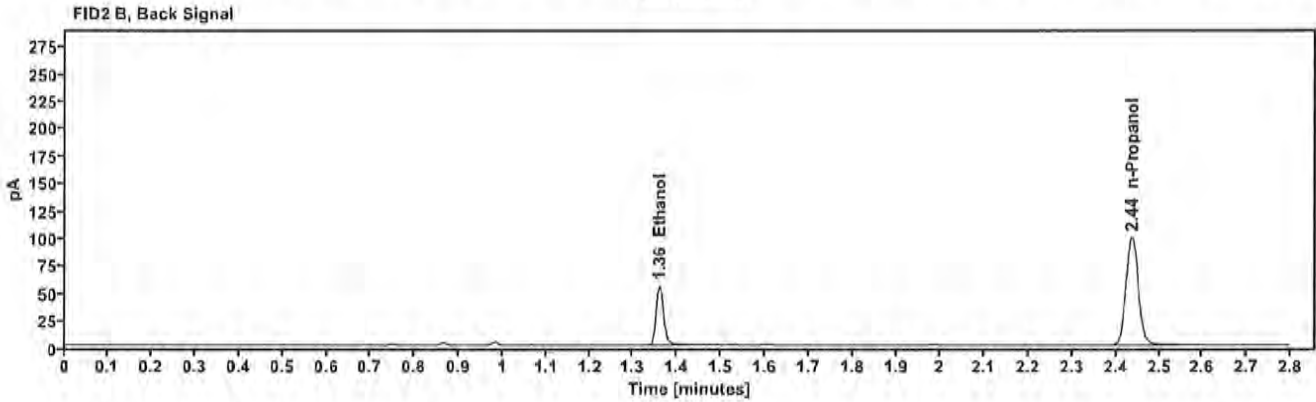
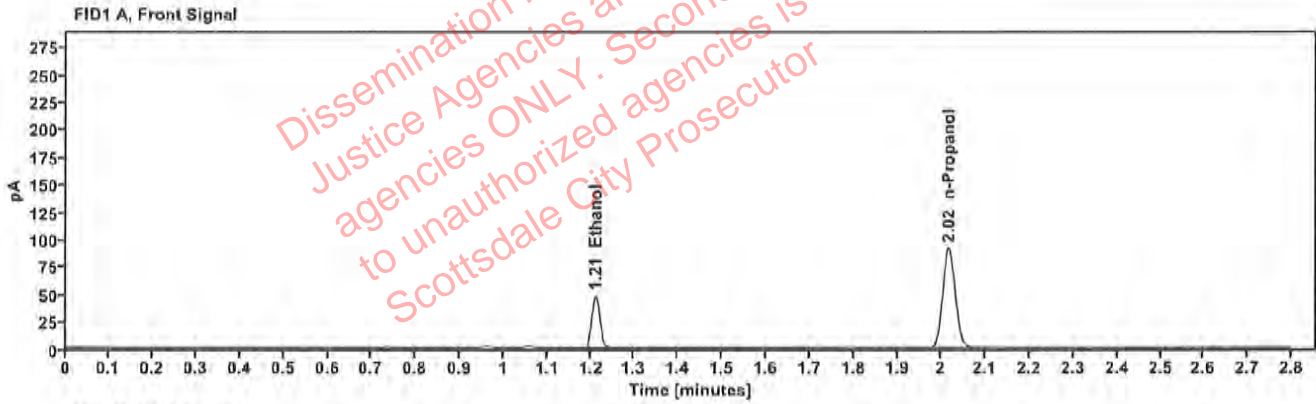


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0902	1.211	60.867
n-Propanol	---	2.016	180.901

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

Compound	Time (min)	Peak Area
Ethanol	1.359	66.119
n-Propanol	2.436	195.882

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2300171-2	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 12:44:56 PM
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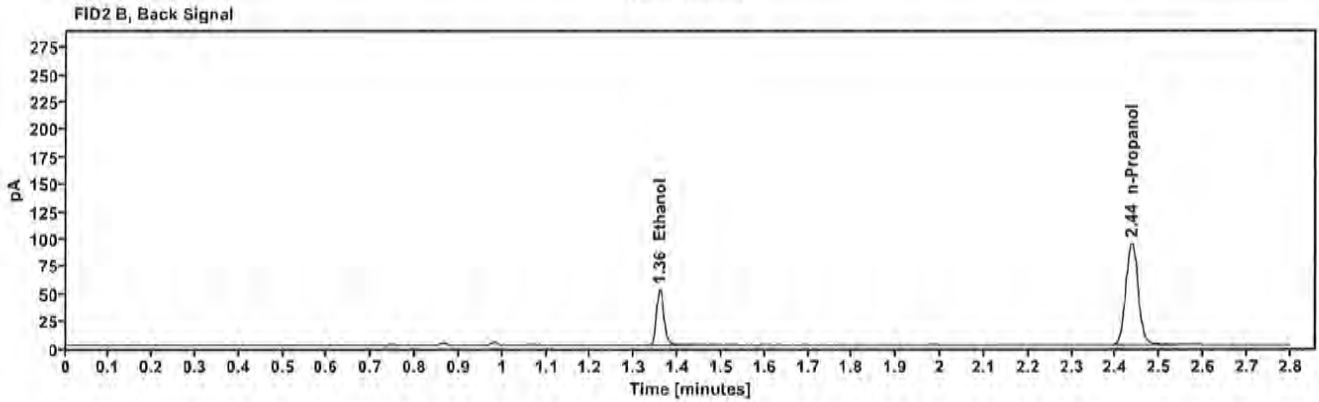
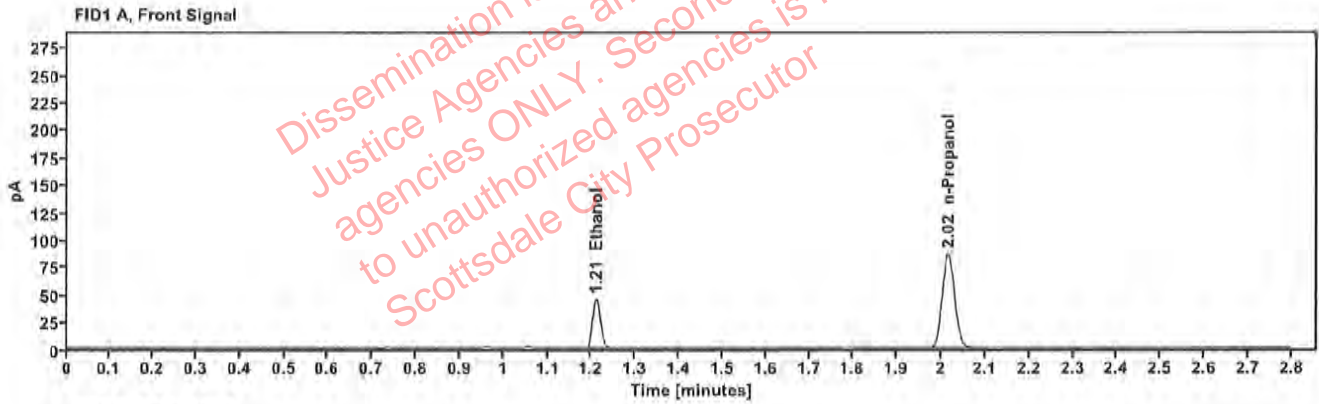


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0891	1.211	57.081
n-Propanol	-----	2.016	171.804

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

Compound	Time (min)	Peak Area
Ethanol	1.358	61.992
n-Propanol	2.435	186.085

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301179-1	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 12:48:57 PM
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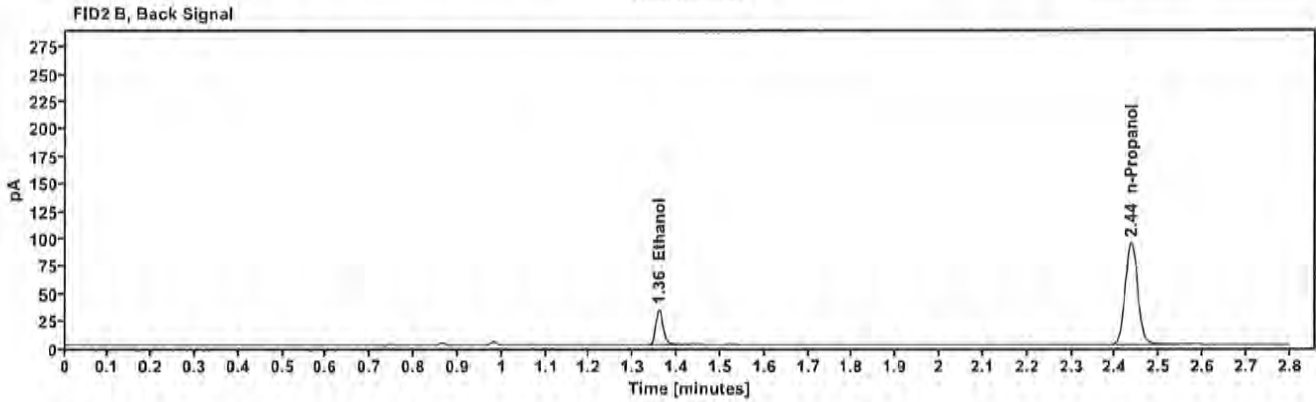
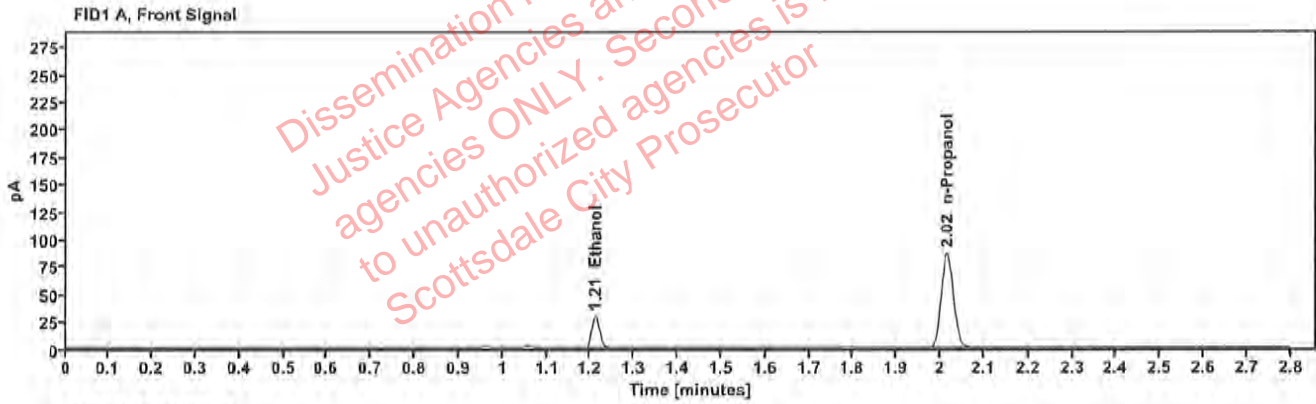


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0575	1.211	36.449
n-Propanol	-----	2.016	171.492

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

Compound	Time (min)	Peak Area
Ethanol	1.359	39.543
n-Propanol	2.436	185.756

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301179-1	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 12:53:11 PM
Data file:	C:\Chem32\1\Data\02Feb23\19.D	Analyst:	Canonico

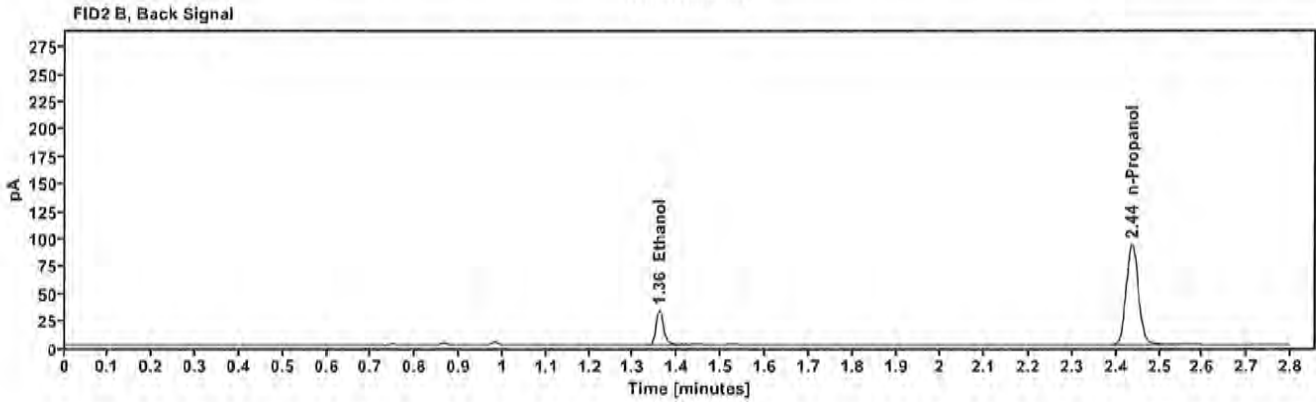
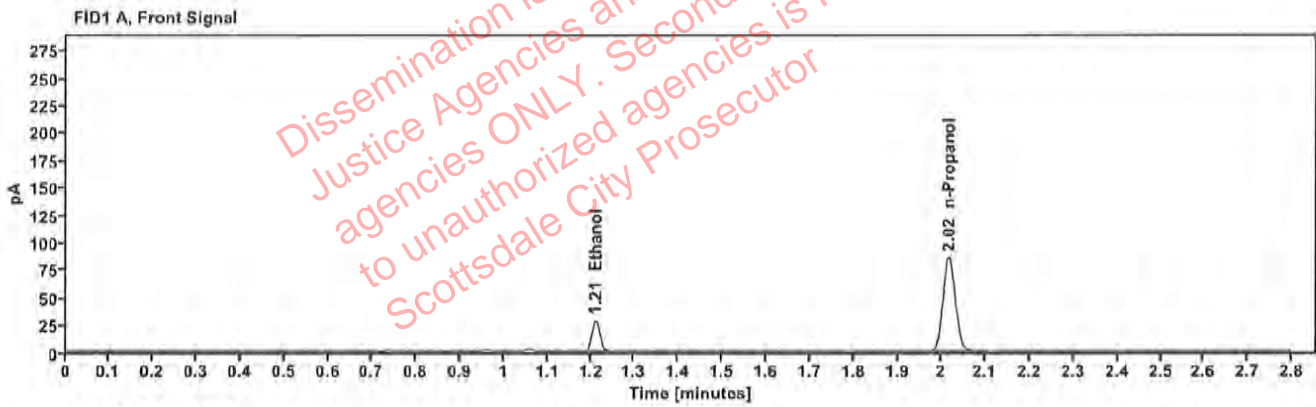


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0575	1.212	36.166
n-Propanol	—	2.016	170.099

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

Compound	Time (min)	Peak Area
Ethanol	1.359	39.145
n-Propanol	2.436	184.092

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301015-2	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:01:12 PM
Data file:	C:\Chem32\1\Data\02Feb23\21.D	Analyst:	Canonico

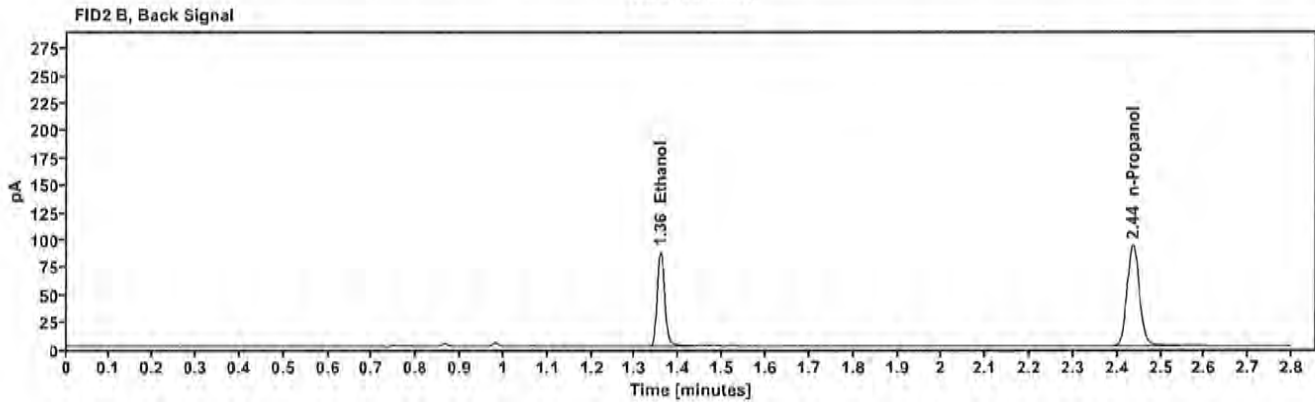
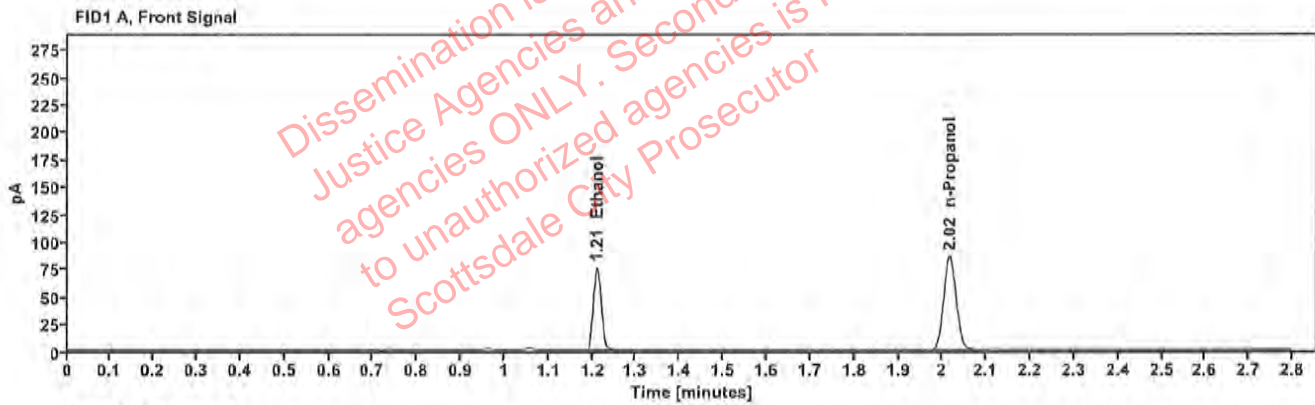


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1507	1.210	96.437
n-Propanol	---	2.016	170.444

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

Compound	Time (min)	Peak Area
Ethanol	1.358	104.870
n-Propanol	2.436	184.146

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301015-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:05:11 PM
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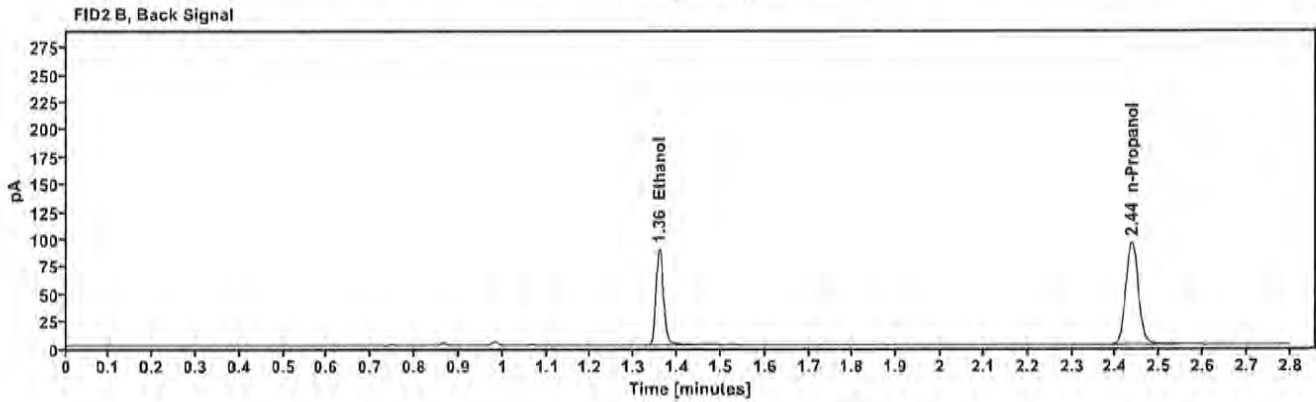
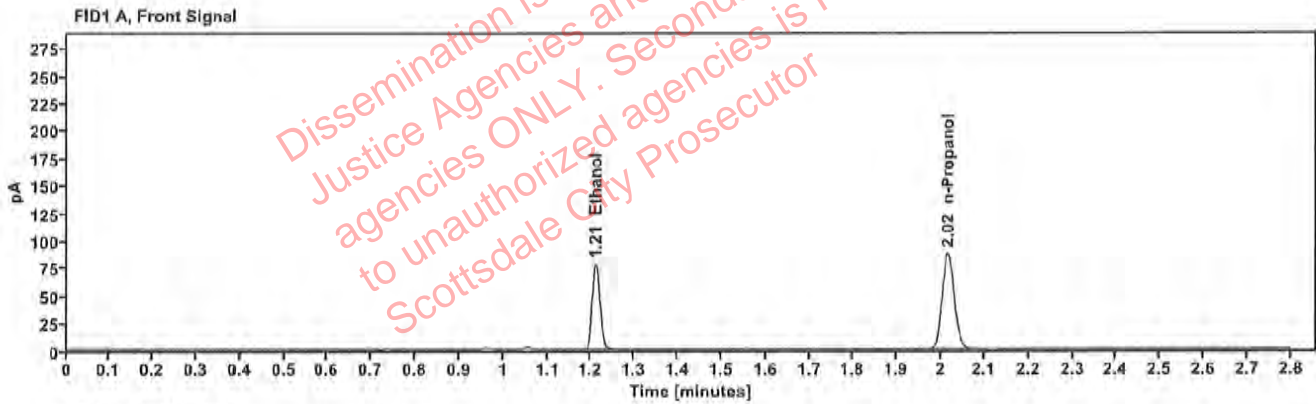


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1516	1.211	98.850
n-Propanol	---	2.016	173.686

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

Compound	Time (min)	Peak Area
Ethanol	1.359	107.774
n-Propanol	2.436	187.799

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301202-2	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:09:11 PM
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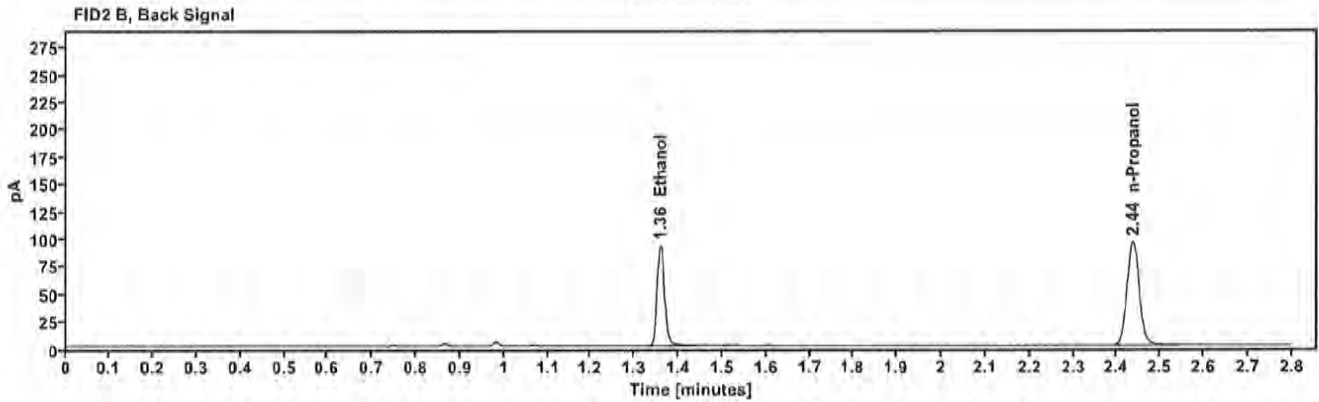
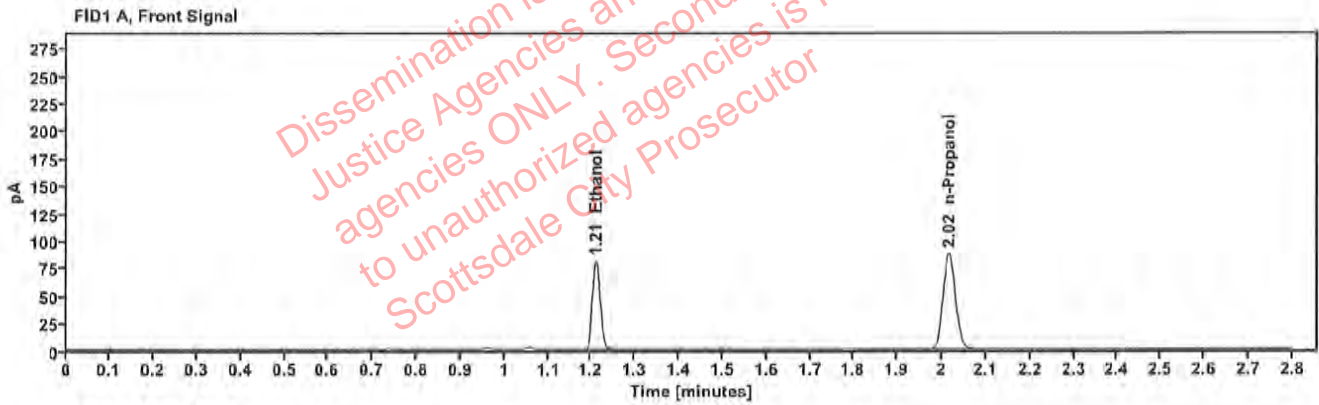


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1567	1.211	102.222
n-Propanol	---	2.016	173.717

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

Compound	Time (min)	Peak Area
Ethanol	1.358	111.336
n-Propanol	2.436	187.929

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301202-2	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:13:11 PM
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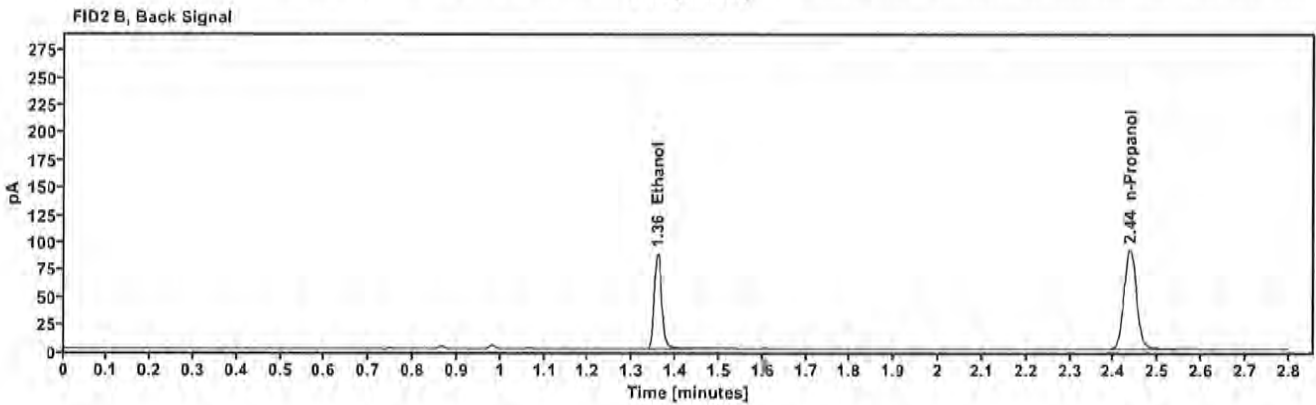
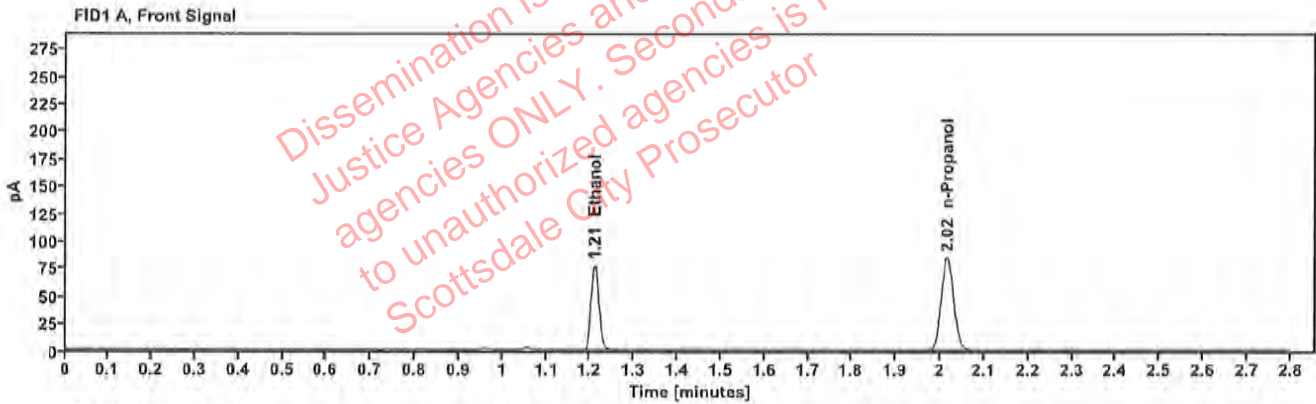


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1547	1.210	97.968
n-Propanol	-----	2.016	168.614

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

Compound	Time (min)	Peak Area
Ethanol	1.358	106.675
n-Propanol	2.436	182.463

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301274-2	Vial:	25
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:17:26 PM
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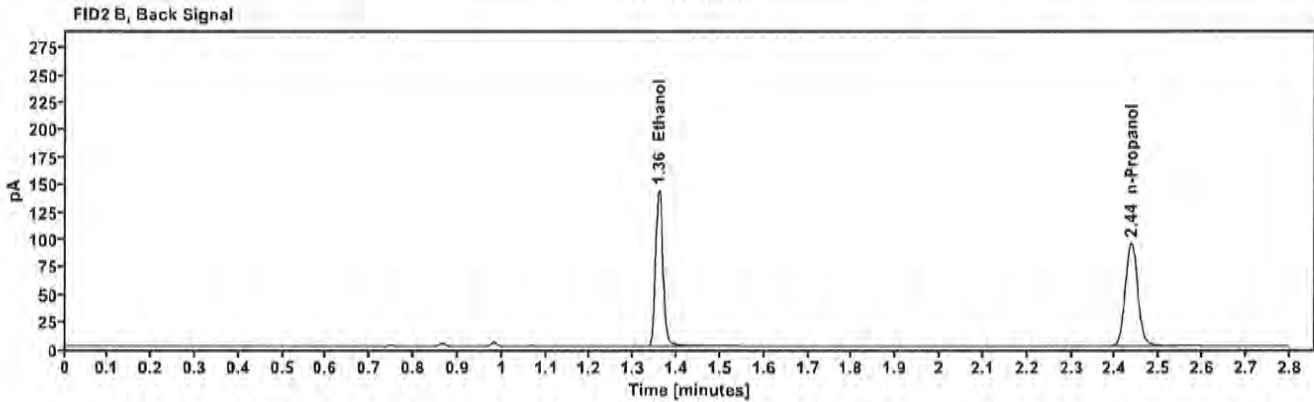
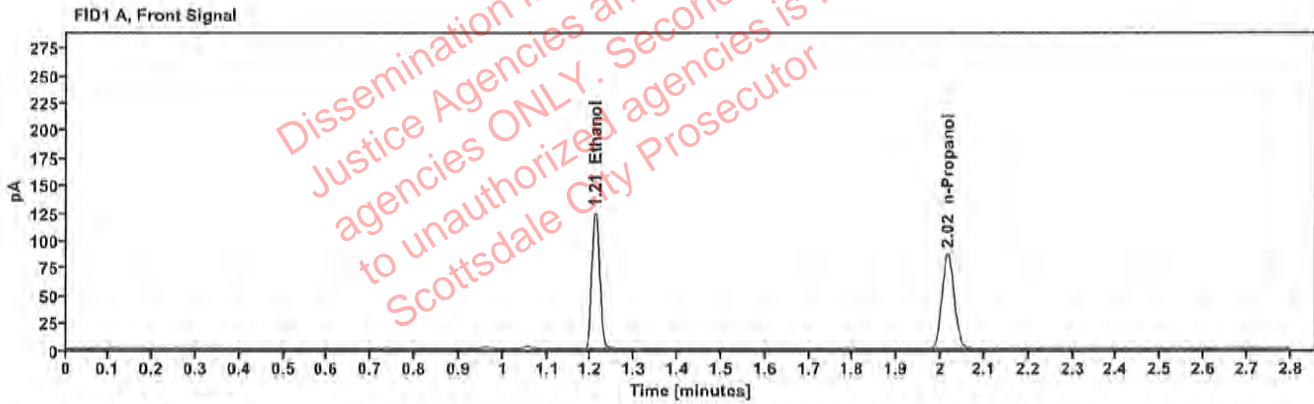


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2424	1.210	158.196
n-Propanol	—	2.016	173.264

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

Compound	Time (min)	Peak Area
Ethanol	1.358	173.077
n-Propanol	2.436	187.313

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301274-2	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:21:27 PM
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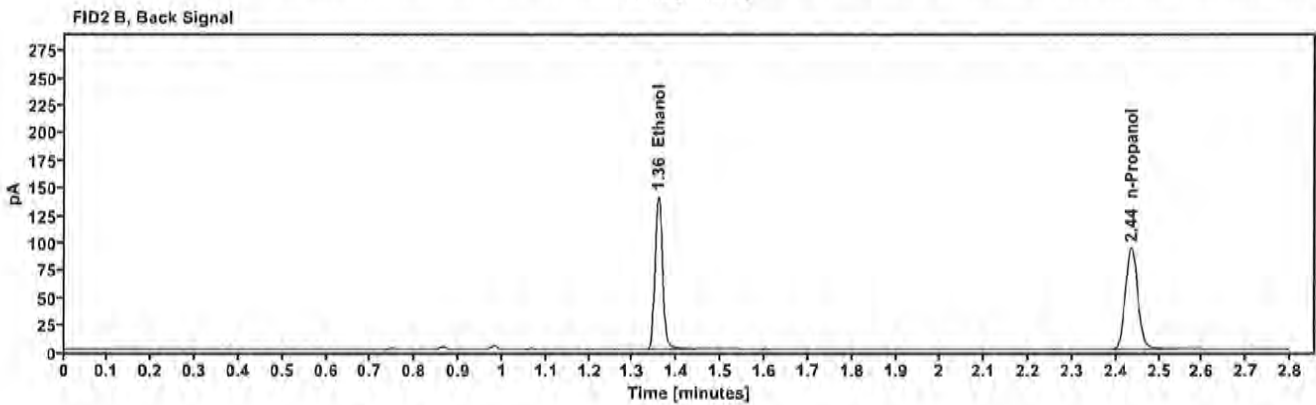
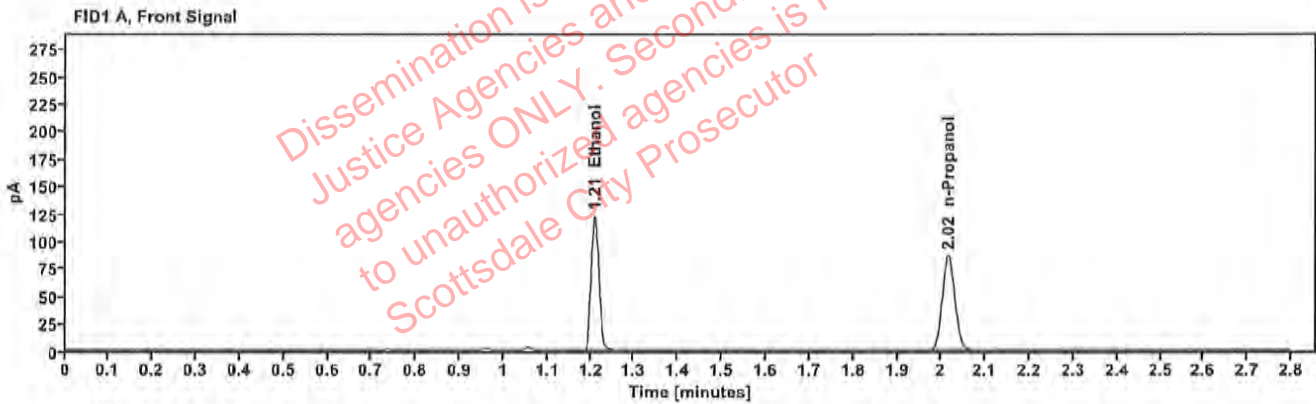


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2404	1.210	155.315
n-Propanol	—	2.015	171.529

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

Compound	Time (min)	Peak Area
Ethanol	1.357	169.582
n-Propanol	2.435	185.557

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301273-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:25:27 PM
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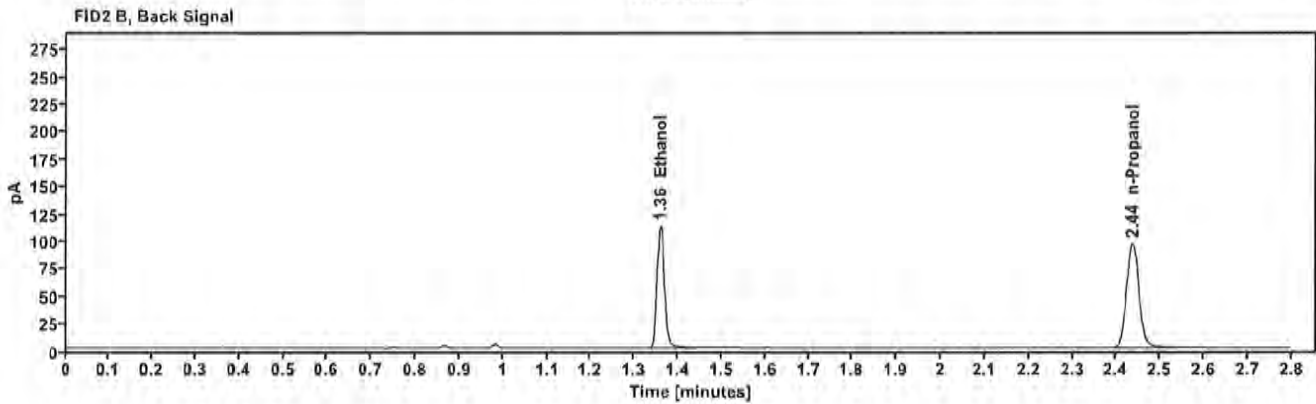
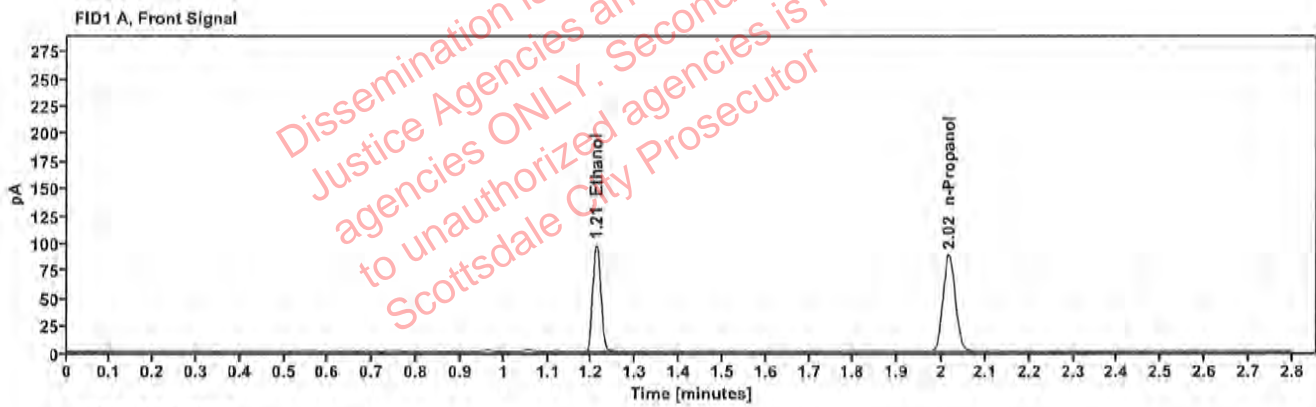


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1879	1.211	123.971
n-Propanol	---	2.016	175.391

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

Compound	Time (min)	Peak Area
Ethanol	1.359	135.112
n-Propanol	2.436	189.742

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301273-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:29:27 PM
Data file:	C:\Chem32\1\Data\02Feb23\28.D	Analyst:	Canonico

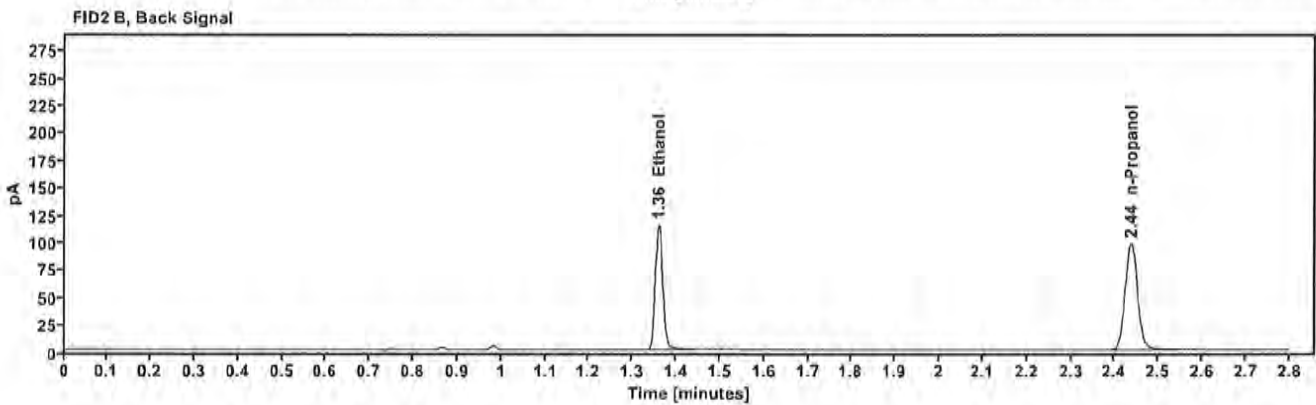
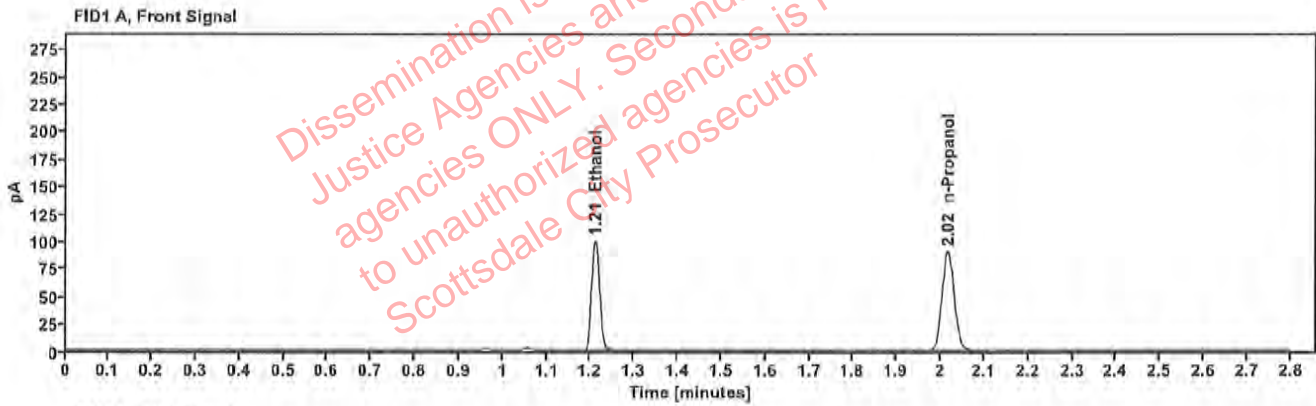


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1891	1.211	126.814
n-Propanol	—	2.016	178.316

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

Compound	Time (min)	Peak Area
Ethanol	1.359	138.190
n-Propanol	2.437	192.882

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301344-2	Vial:	29
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:33:27 PM
Data file:	C:\Chem32\1\Data\02Feb23\29.D	Analyst:	Canonico

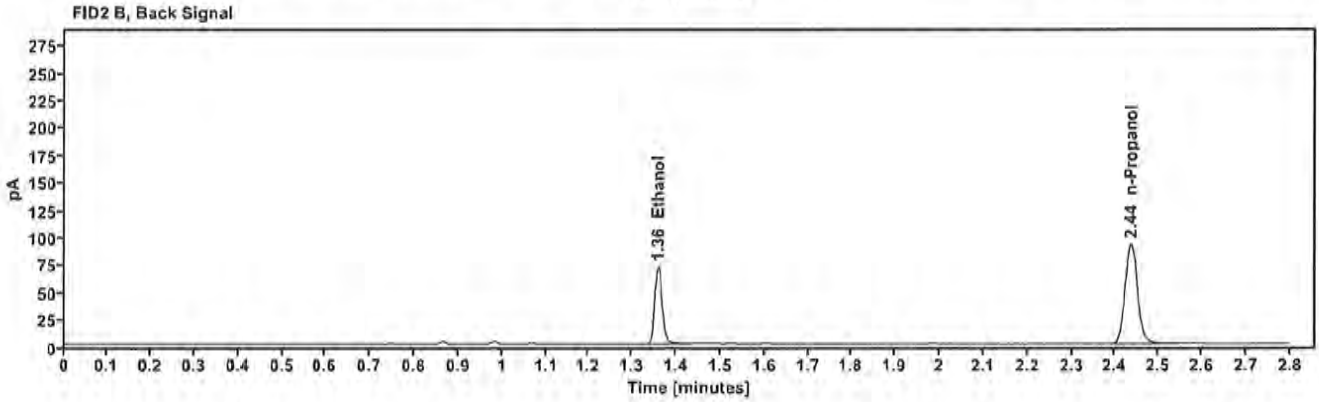
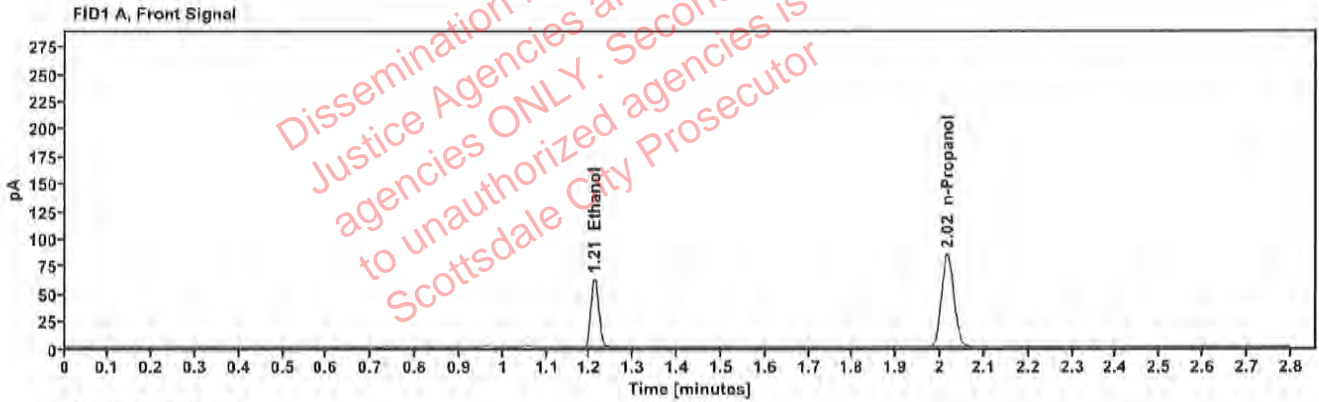


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1257	1.211	79.233
n-Propanol	-----	2.016	168.166

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

Compound	Time (min)	Peak Area
Ethanol	1.358	86.045
n-Propanol	2.436	181.869

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301344-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:37:26 PM
Data file:	C:\Chem32\1\Data\02Feb23\30.D	Analyst:	Canonico

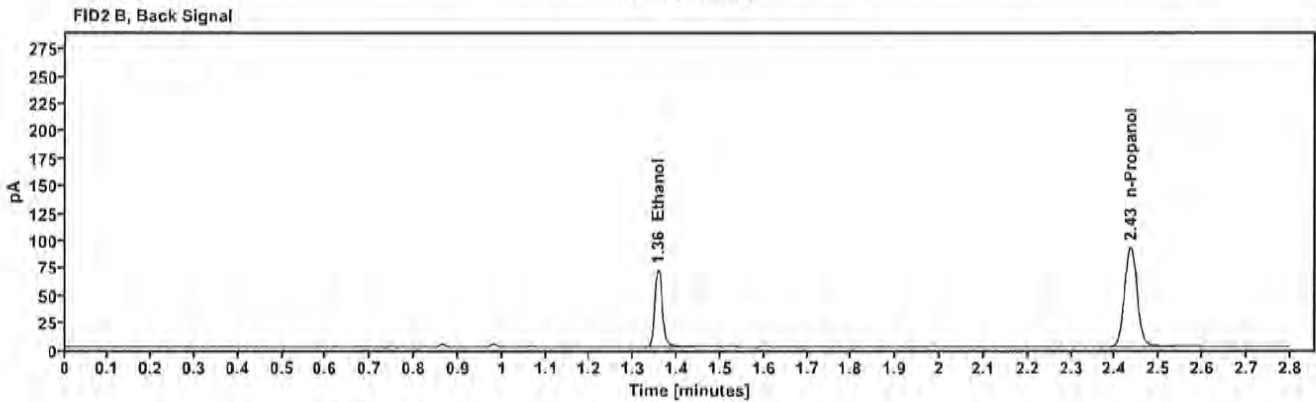
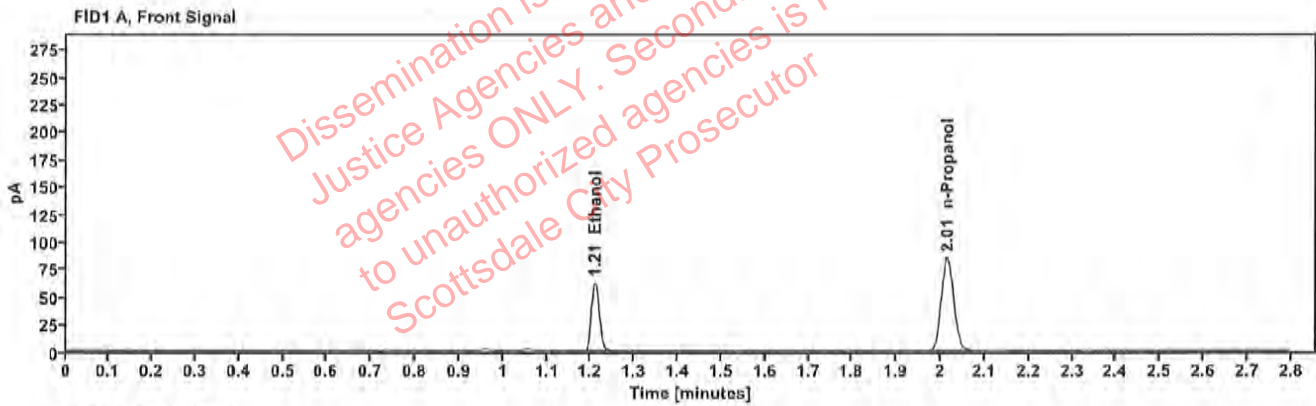


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1247	1.209	78.774
n-Propanol	---	2.015	168,569

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

Compound	Time (min)	Peak Area
Ethanol	1.356	85.846
n-Propanol	2.434	182.268

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301277-3	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:45:41 PM
Data file:	C:\Chem32\1\Data\02Feb23\32.D	Analyst:	Canonico

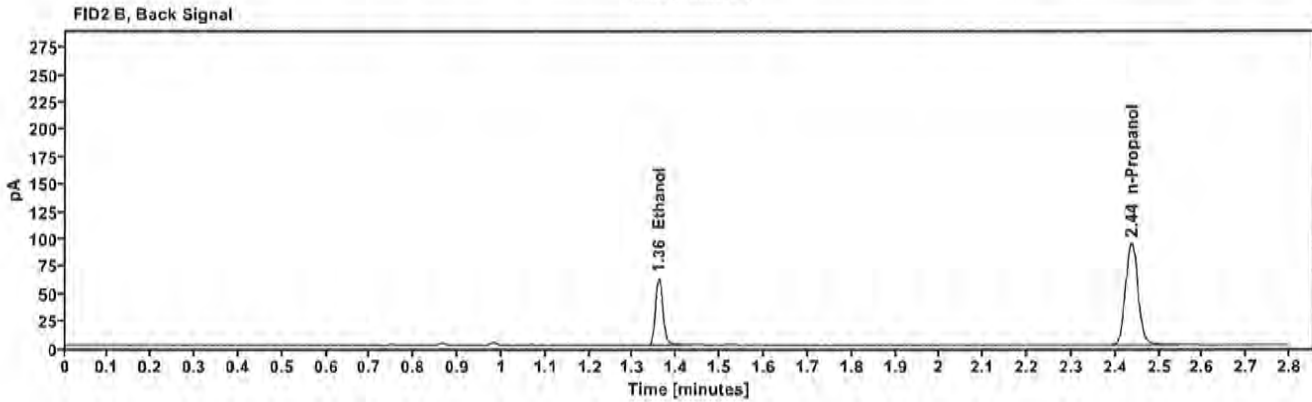
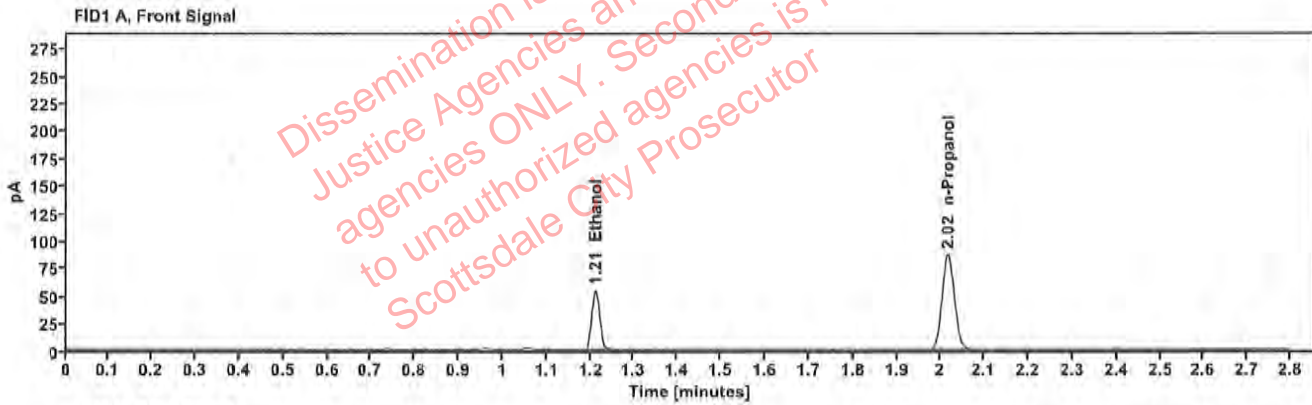


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1071	1.211	68.928
n-Propanol	—	2.016	172.127

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

Compound	Time (min)	Peak Area
Ethanol	1.359	74.766
n-Propanol	2.436	186.081

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301277-3	Vial:	33
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:49:42 PM
Data file:	C:\Chem32\1\Data\02Feb23\33.D	Analyst:	Canonico

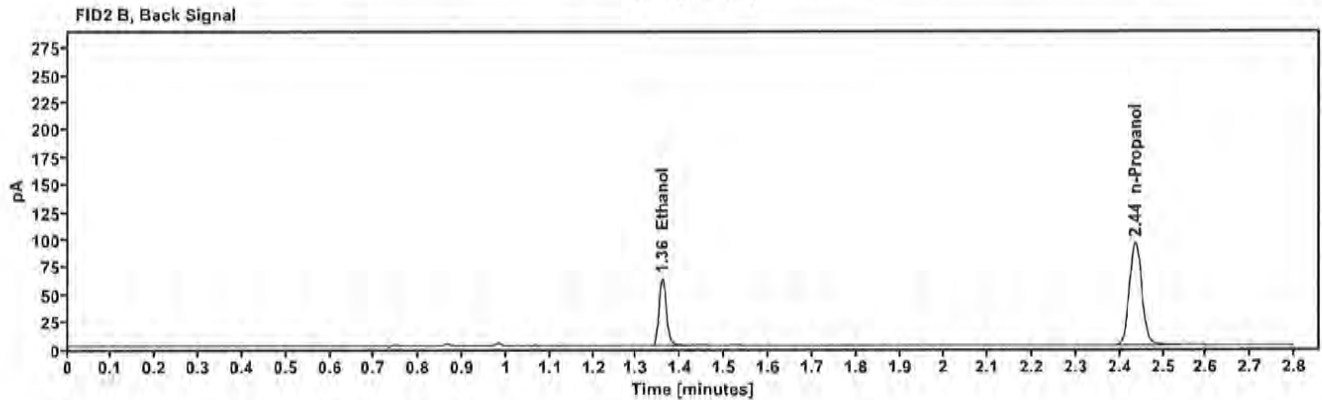
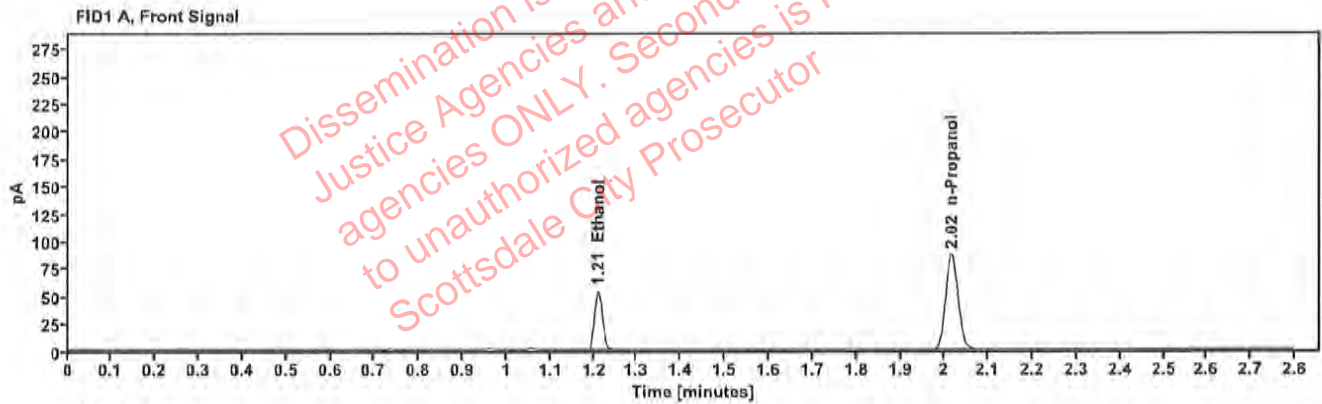


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1067	1.211	68.792
n-Propanol	-----	2.016	172.383

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

Compound	Time (min)	Peak Area
Ethanol	1.358	74.618
n-Propanol	2.436	186.389

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301341-4	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:53:42 PM
Data file:	C:\Chem32\1\Data\02Feb23\34.D	Analyst:	Canonico

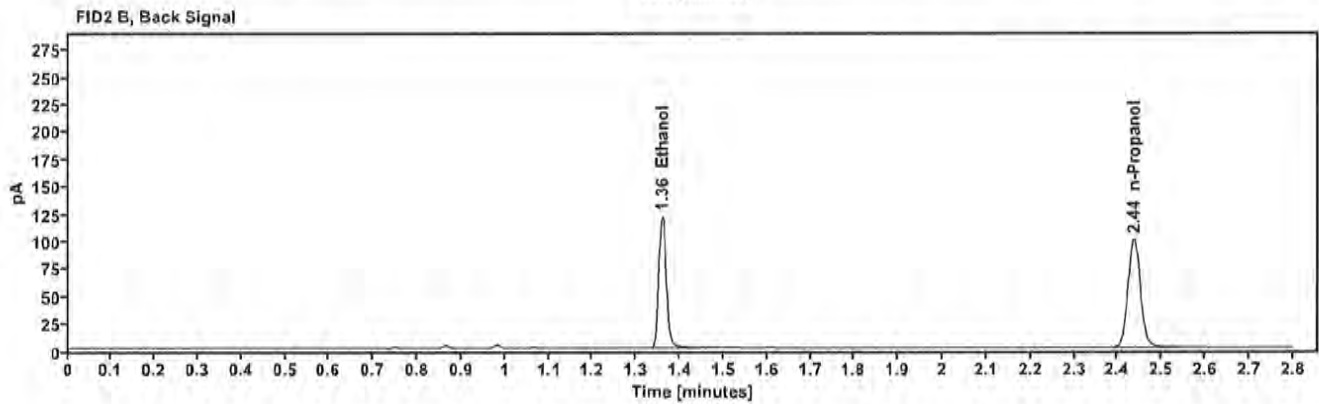
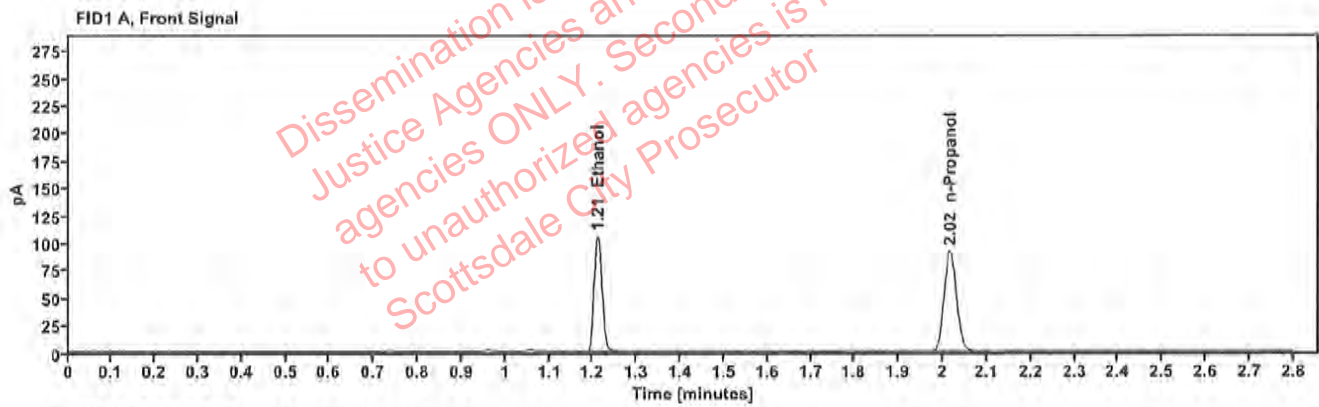


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1958	1.210	133.622
n-Propanol	---	2.016	181.414

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

Compound	Time (min)	Peak Area
Ethanol	1.358	146.187
n-Propanol	2.436	196.070

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301341-4	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 1:57:41 PM
Data file:	C:\Chem32\1\Data\02Feb23\35.D	Analyst:	Canonico

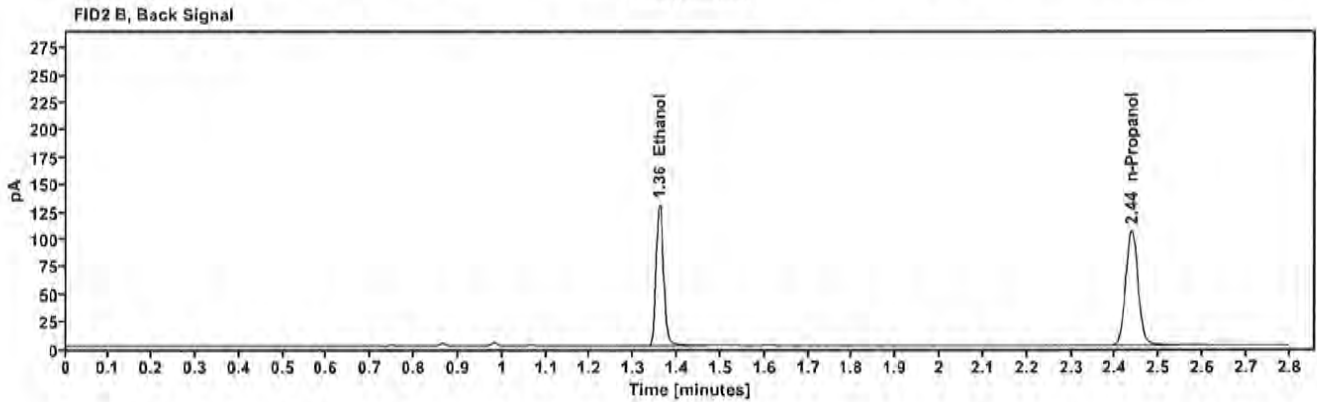
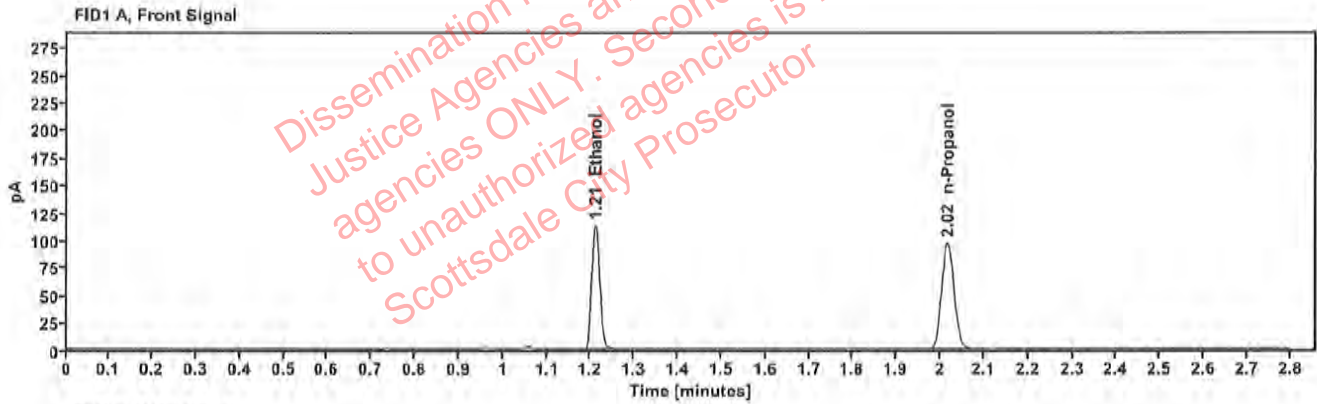


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1983	1.211	143.826
n-Propanol	-----	2.016	192.807

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

Compound	Time (min)	Peak Area
Ethanol	1.359	157.431
n-Propanol	2.436	208.681

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301476-1	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 2:01:41 PM
Data file:	C:\Chem32\1\Data\02Feb23\36.D	Analyst:	Canonico

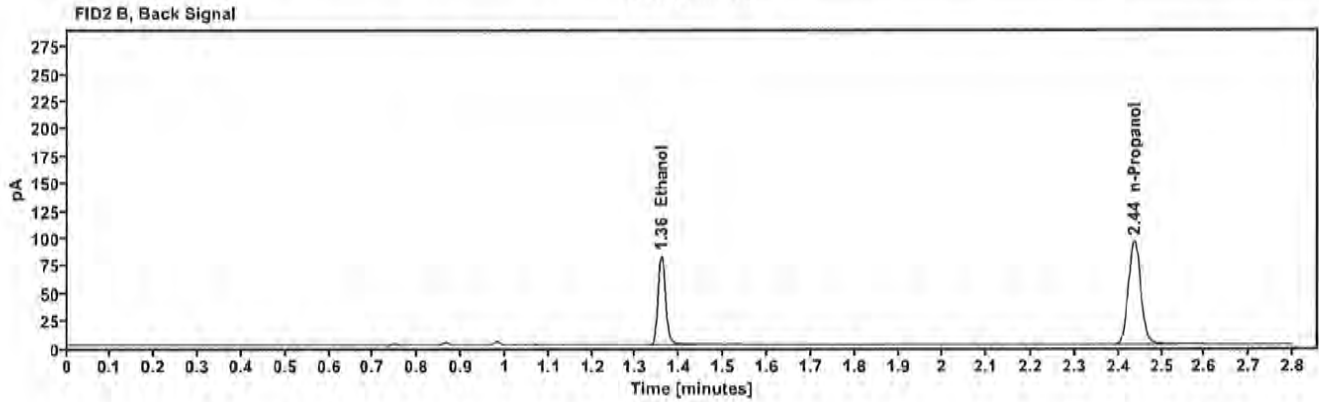
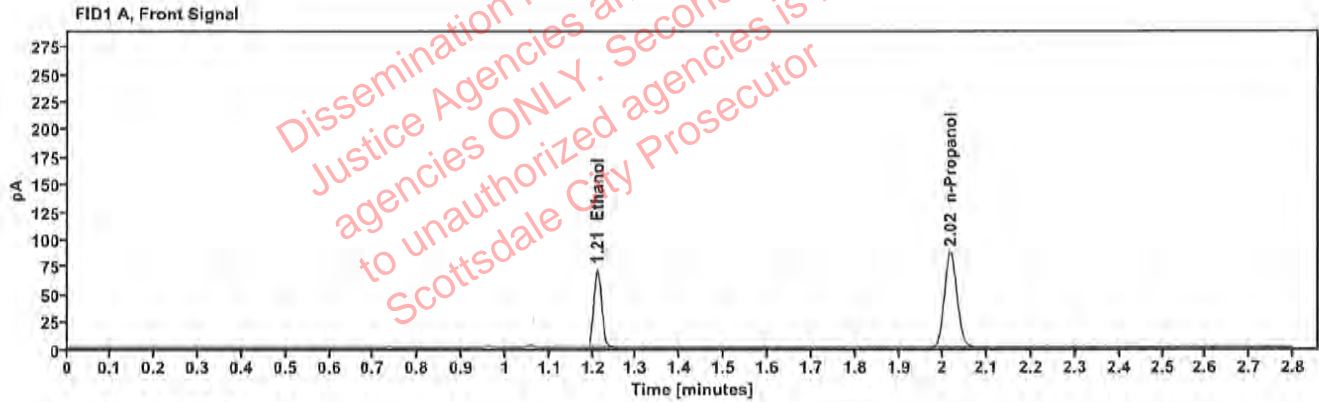


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1395	1.211	90.645
n-Propanol	---	2.016	173.161

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

Compound	Time (min)	Peak Area
Ethanol	1.358	98.660
n-Propanol	2.436	187.006

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301476-1	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 2:05:56 PM
Data file:	C:\Chem32\1\Data\02Feb23\37.D	Analyst:	Canonico

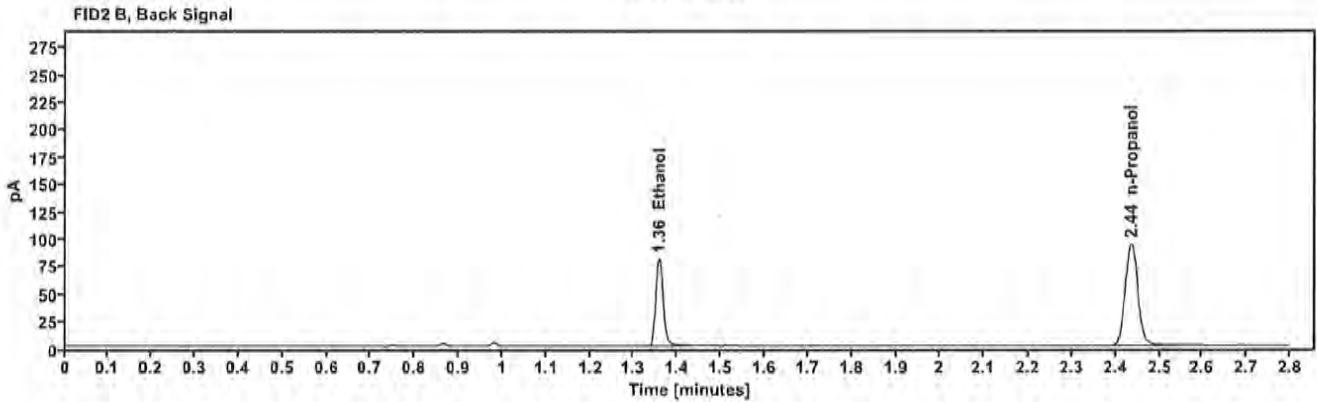
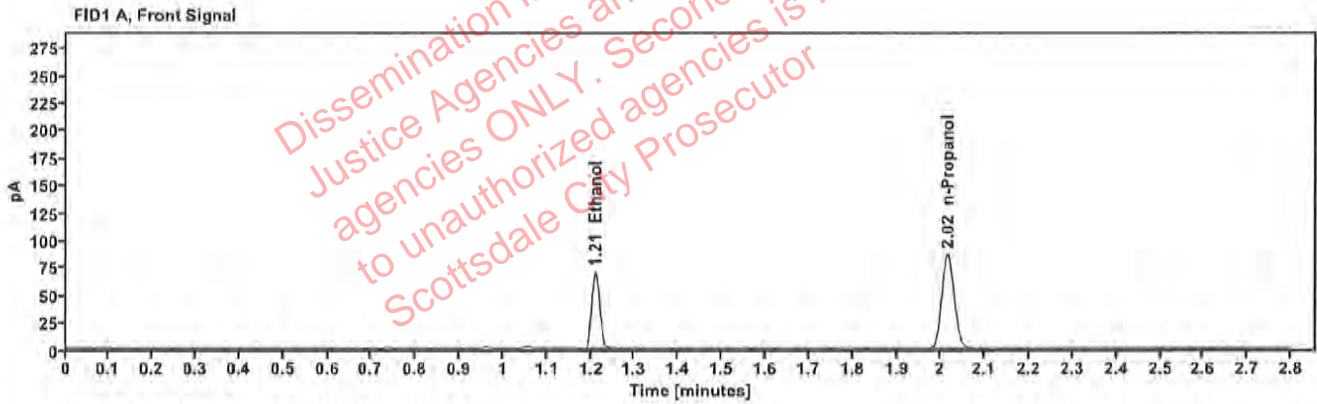


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1387	1.210	89.155
n-Propanol	-----	2.016	171.302

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

Compound	Time (min)	Peak Area
Ethanol	1.357	96.831
n-Propanol	2.435	185.144

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	318-01G.H.	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 2:09:56 PM
Data file:	C:\Chem32\1\Data\02Feb23\38.D	Analyst:	Canonico

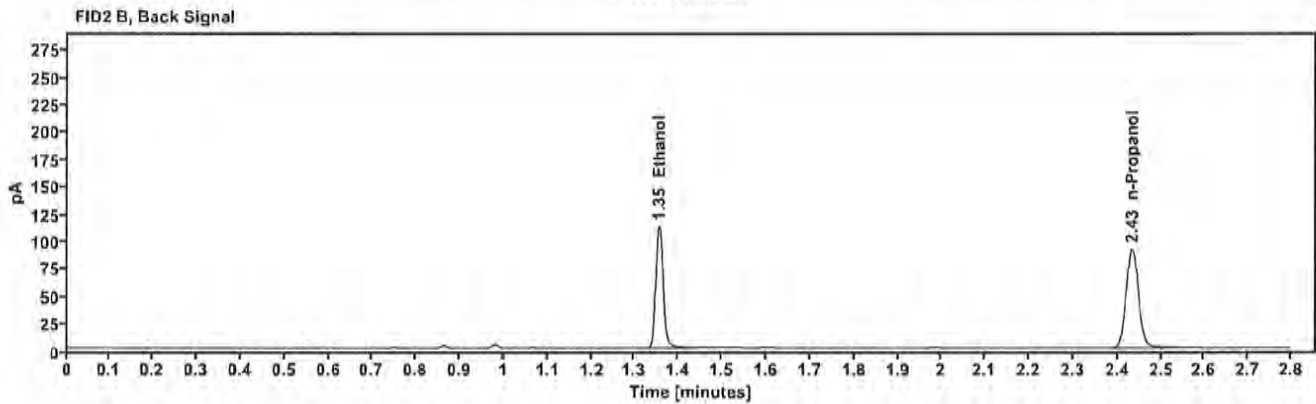
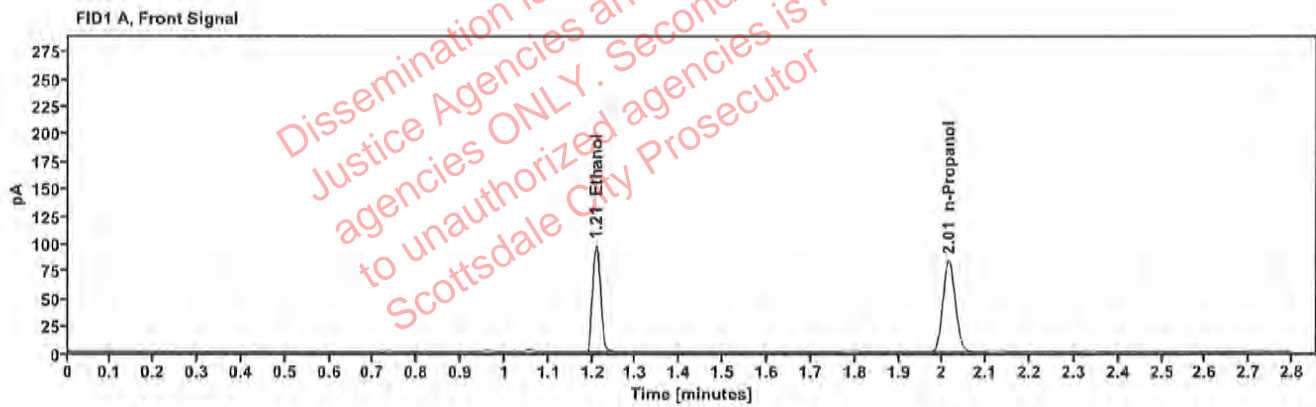


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1966	1.208	123.281
n-Propanol	---	2.014	166.626

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

Compound	Time (min)	Peak Area
Ethanol	1.355	134.543
n-Propanol	2.433	180.494

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	318-01G.H.	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 2:13:57 PM
Data file:	C:\Chem32\1\Data\02Feb23\39.D	Analyst:	Canonico

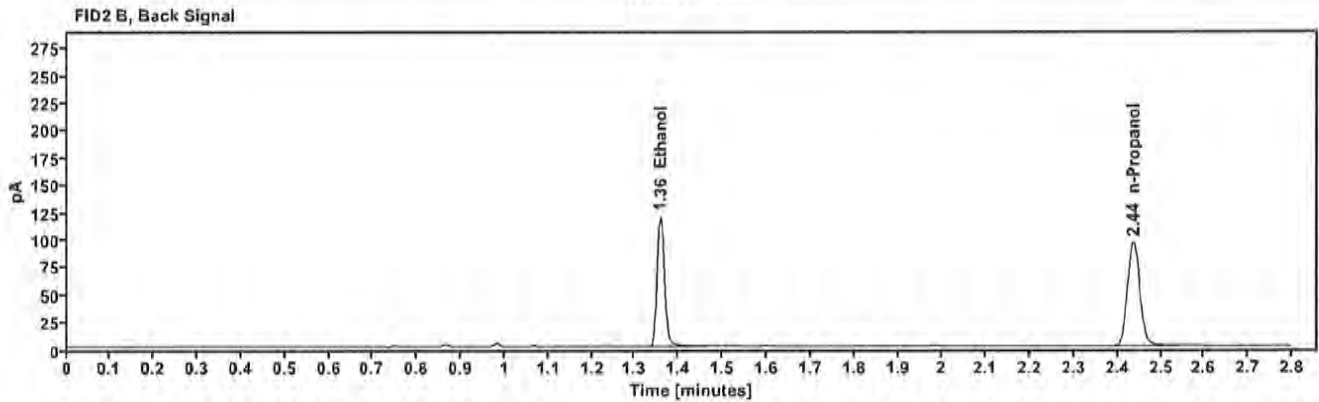
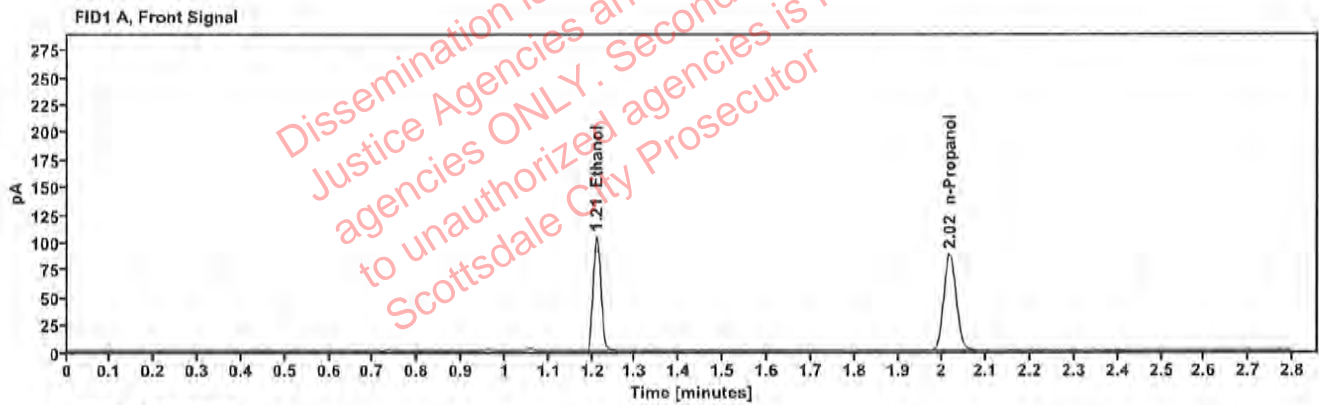


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2011	1.210	131.714
n-Propanol	-----	2.016	174.026

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

Compound	Time (min)	Peak Area
Ethanol	1.358	143.997
n-Propanol	2.436	188.450

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301413-3	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 2:17:56 PM
Data file:	C:\Chem32\1\Data\02Feb23\40.D	Analyst:	Canonico

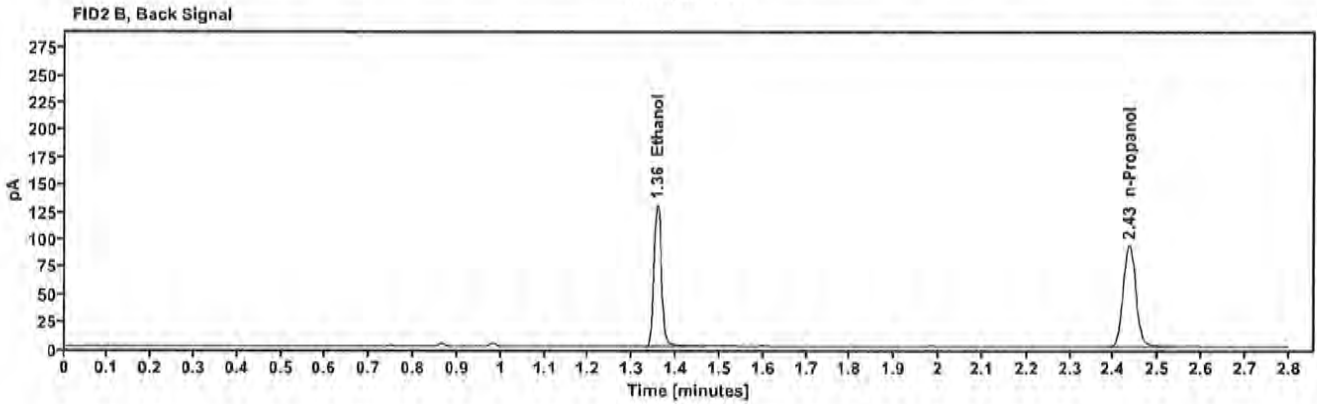
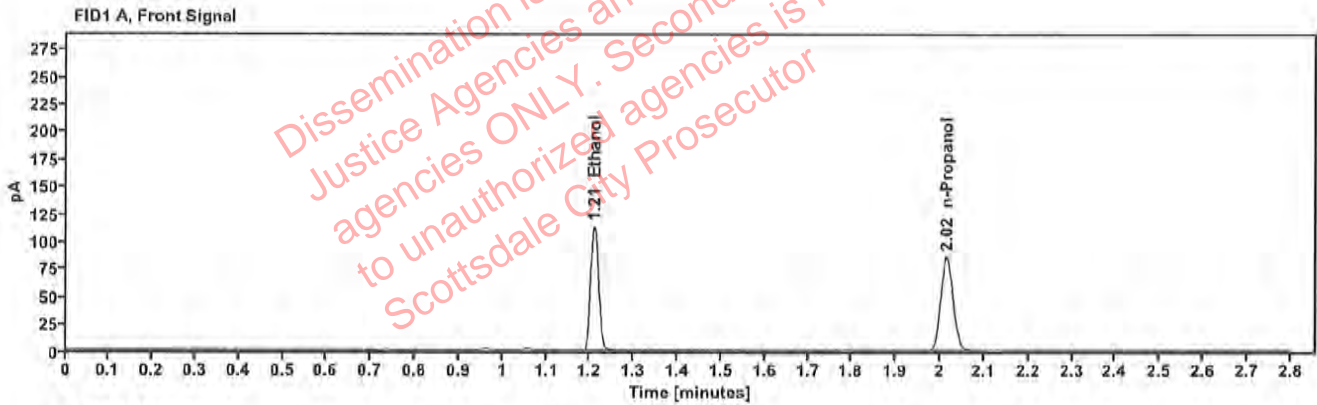


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2232	1.209	142.955
n-Propanol	—	2.015	170.075

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

Compound	Time (min)	Peak Area
Ethanol	1.356	156.295
n-Propanol	2.435	184.029

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301413-3	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	02Feb23
Instrument:	US14173023 CN14160045	Injection date:	2/2/2023 2:21:56 PM
Data file:	C:\Chem32\1\Data\02Feb23\41.D	Analyst:	Canonico

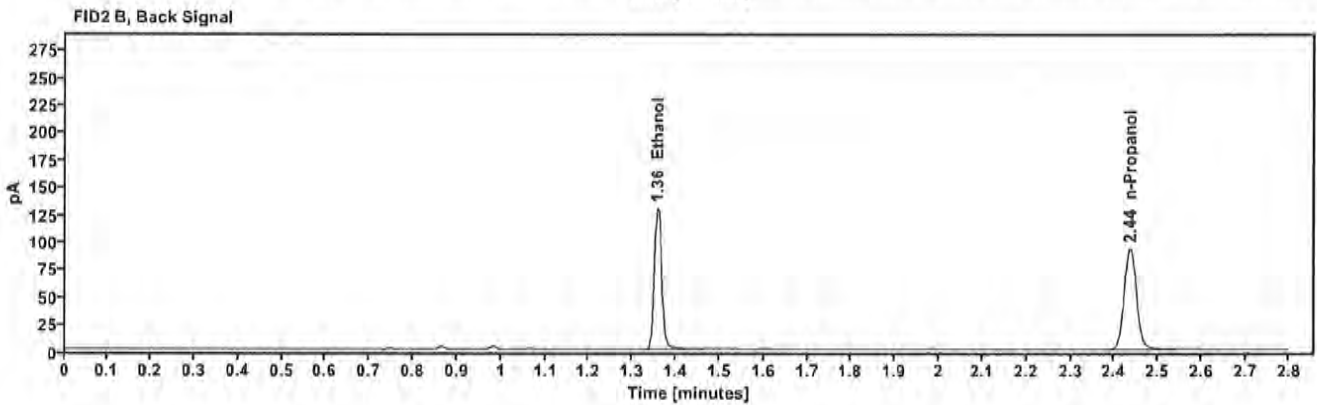
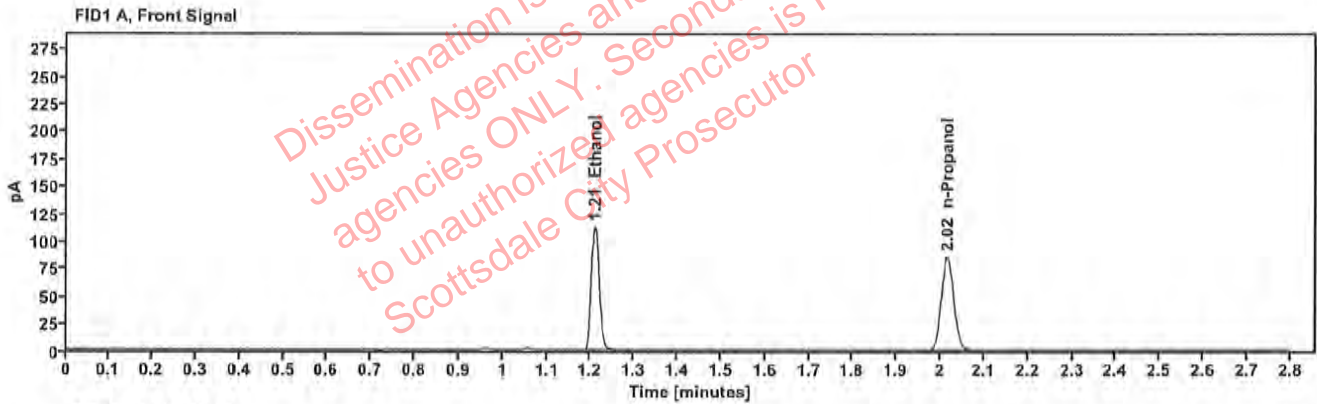


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2240	1.210	142.725
n-Propanol	---	2.015	169.221

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

Compound	Time (min)	Peak Area
Ethanol	1.357	156.108
n-Propanol	2.435	183.091