

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/15/22 SEQUENCE NAME 15Nov22

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 0.99995
 Vial 3 0.20 calibrator Lot FN02052101
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 100722AQ
6	Volatiles mix	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/8
20	Aqueous control	0.080 g/dL	0.083 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	0.398 g/dL	Lipomed 11092018-A
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/8
45	Blank	Not detected	Not detected	SPD Lab 101921WB

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Philip Borok Analyst Run valid Shari Abbott Technical Reviewer
 Run invalid Run invalid

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

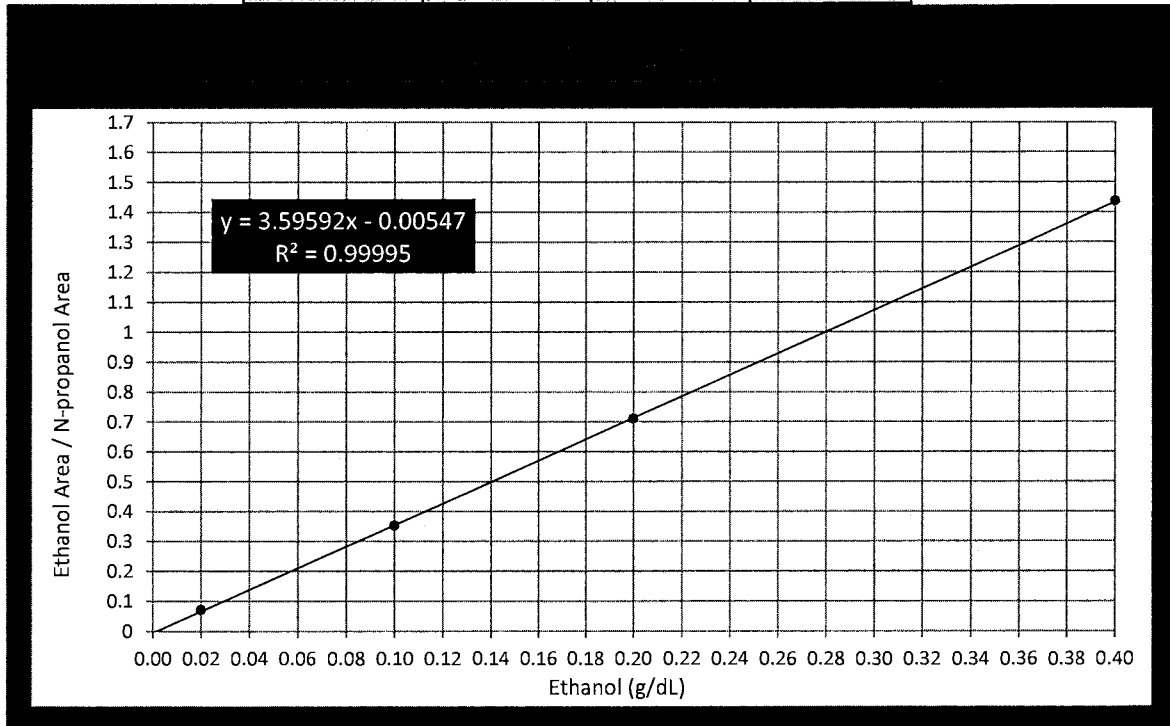
798

SEQUENCE NAME: 15Nov22

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 100722AQ	5	negative	negative	-	-
0.400 Lipomed 11092018-A	7	0.399	0.400	0.20	-0.001
0.040 Lipomed 14082019-B	8	0.040	0.040	0.00	0.000
0.199 ACQ 4110320133/8	9	0.202	0.199	1.51	0.003
0.080 Lipomed 20012020-B	20	0.083	0.080	3.75	0.003
0.080 Lipomed 20012020-B	31	0.080	0.080	0.00	0.000
0.400 Lipomed 11092018-A	42	0.398	0.400	0.50	-0.002
0.040 Lipomed 14082019-B	43	0.041	0.040	2.50	0.001
0.199 ACQ 4110320133/8	44	0.203	0.199	2.01	0.004
blank 101921WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.958	168.893	0.071
0.100	58.068	165.339	0.351
0.200	118.970	167.610	0.710
0.400	239.724	167.013	1.435



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN10051909	Vial:	1
Description:	0.020 calibrator	Sequence:	15Nov22
Method:	ethanol quant.M	Injection date:	11/15/2022 11:32:22 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke YB
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\1.D		

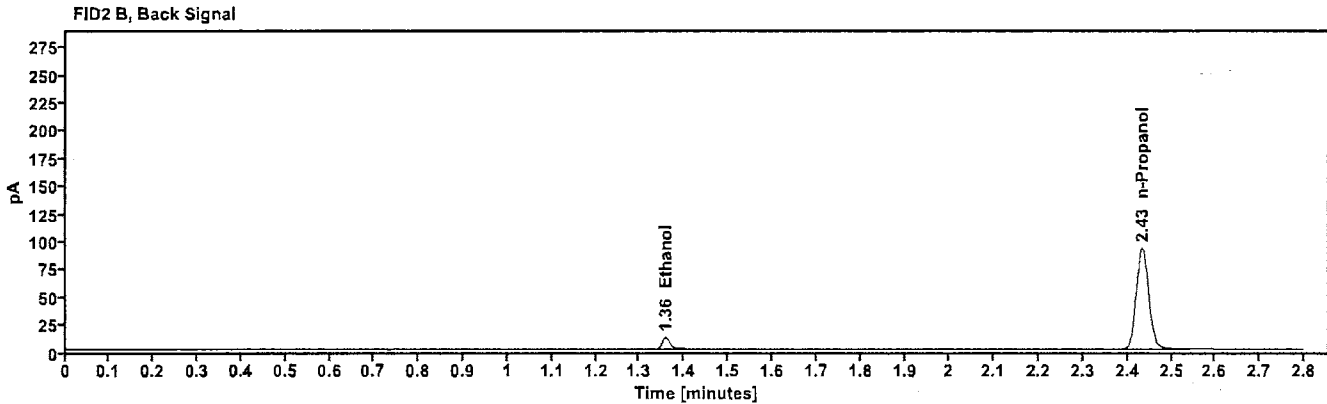
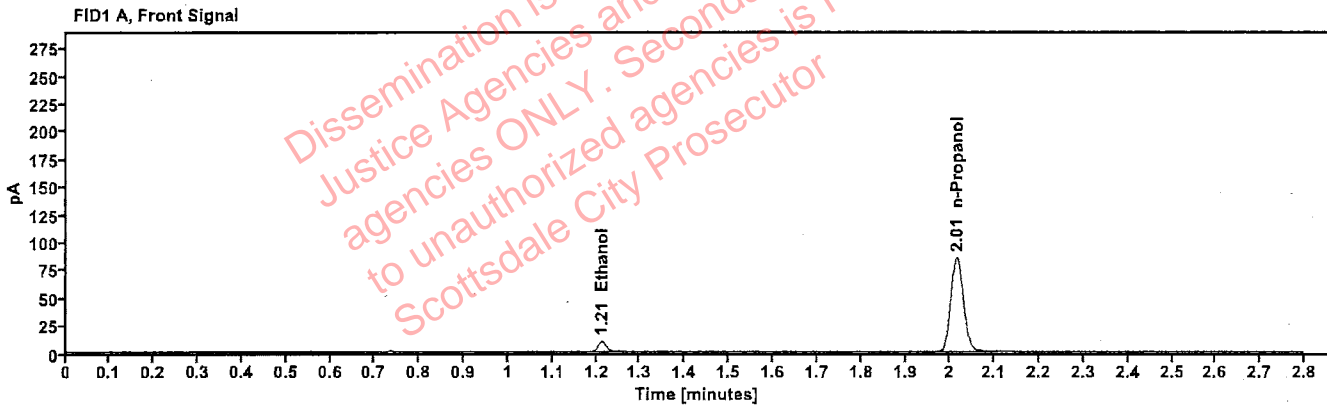


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.958
n-Propanol	2.015	168.893

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

Compound	Time (min)	Peak Area
Ethanol	1.358	12.836
n-Propanol	2.434	181.849

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 15Nov22
Method: ethanol quant.M	Injection date: 11/15/2022 11:36:22 AM
Instrument: US14173023 CN14160045	Analyst: Brooke TB
Data file: C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\2.D	

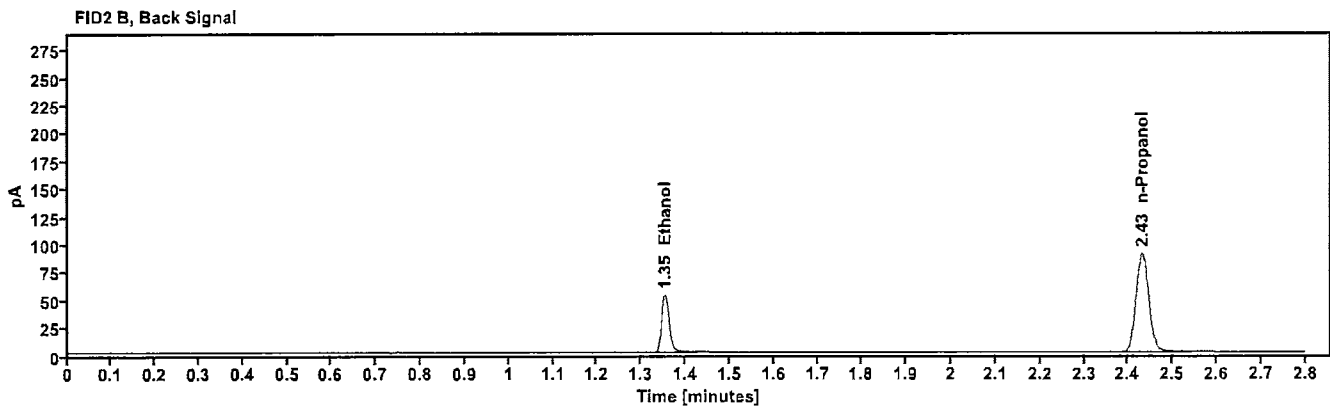
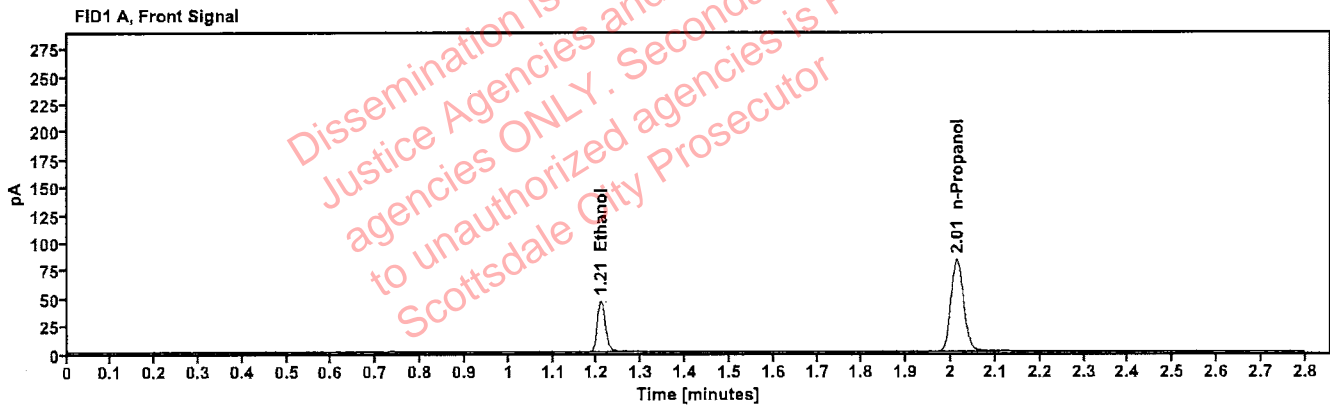


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	58.068
n-Propanol	2.013	165.339

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

Compound	Time (min)	Peak Area
Ethanol	1.353	62.858
n-Propanol	2.431	178.212

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN02052101	Vial:	3
Description:	0.200 calibrator	Sequence:	15Nov22
Method:	ethanol quant.M	Injection date:	11/15/2022 11:40:22 AM
Instrument:	US14173023 CN14160045	Analyst:	Brooke YAS
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\3.D		

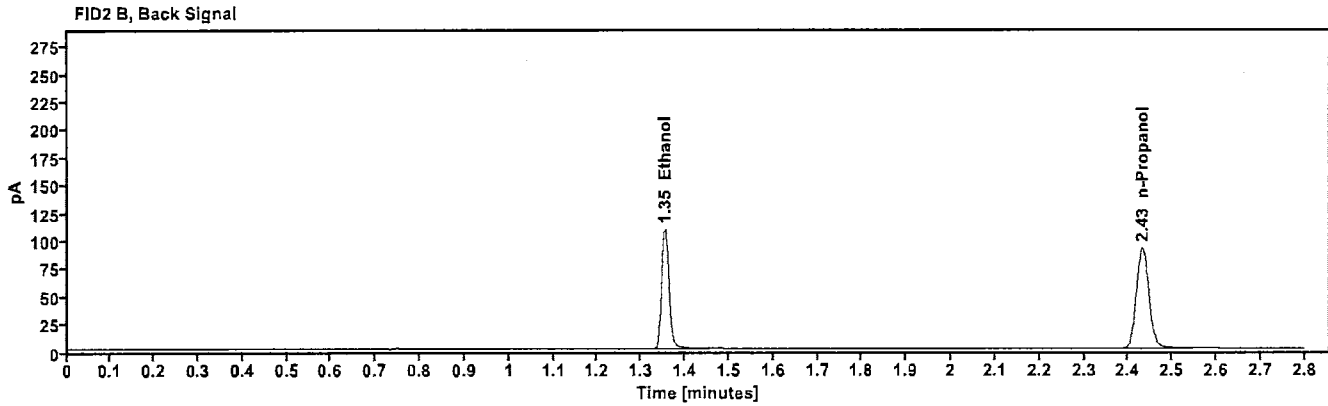
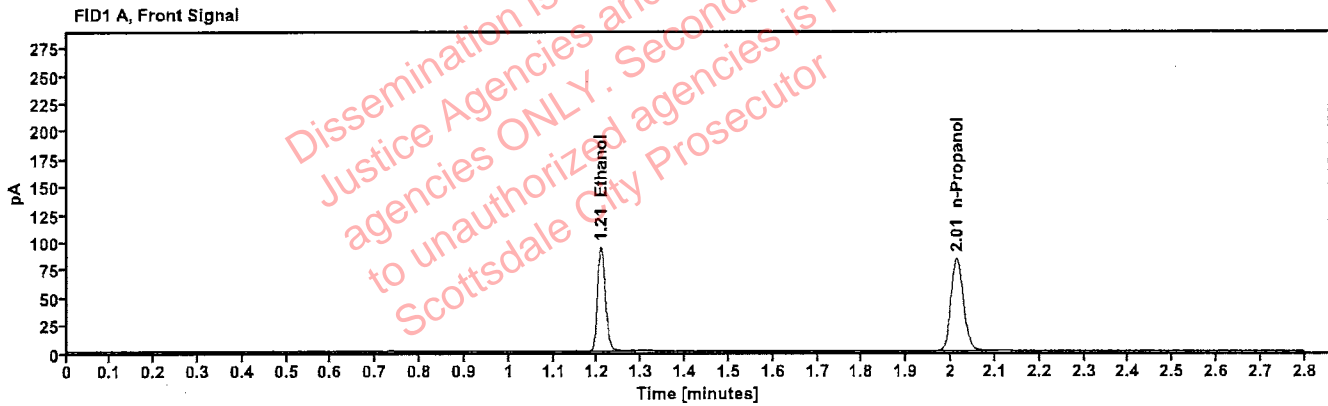


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	118.970
n-Propanol	2.013	167.610

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

Compound	Time (min)	Peak Area
Ethanol	1.353	130.015
n-Propanol	2.432	180.797

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 15Nov22
Method: ethanol quant.M	Injection date: 11/15/2022 11:44:22 AM
Instrument: US14173023 CN14160045	Analyst: Brooke JB
Data file: C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\4.D	

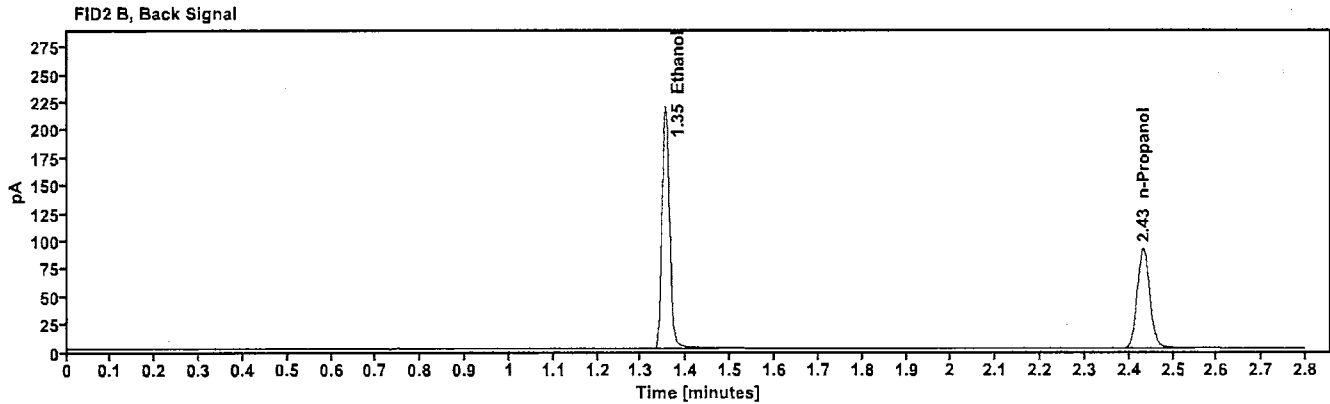
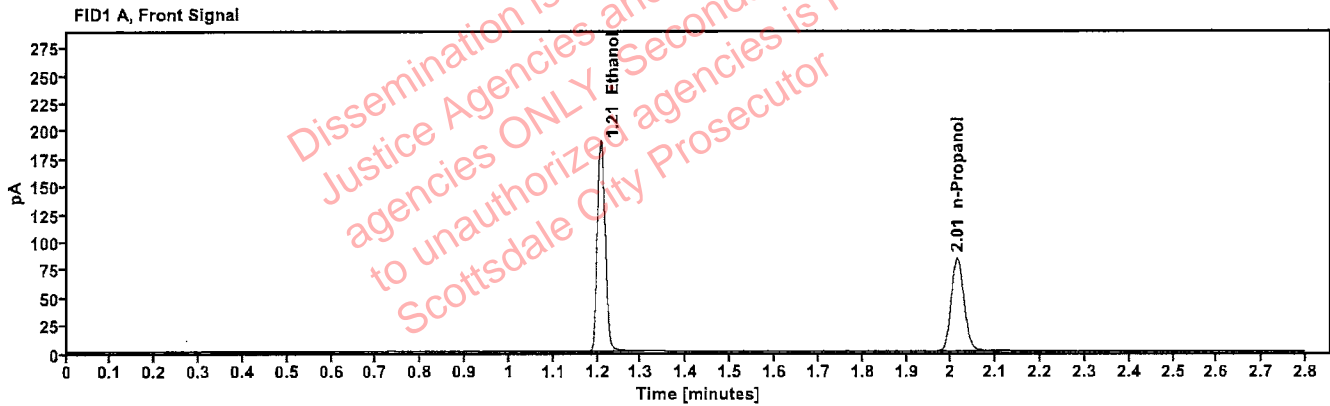


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	239.724
n-Propanol	2.013	167.013

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

Compound	Time (min)	Peak Area
Ethanol	1.353	262.501
n-Propanol	2.432	180.123

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 100722AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 15Nov22
Instrument: US14173023 CN14160045	Injection date: 11/15/2022 11:48:23 AM
Data file: C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\5.D	Analyst: Brooke

988

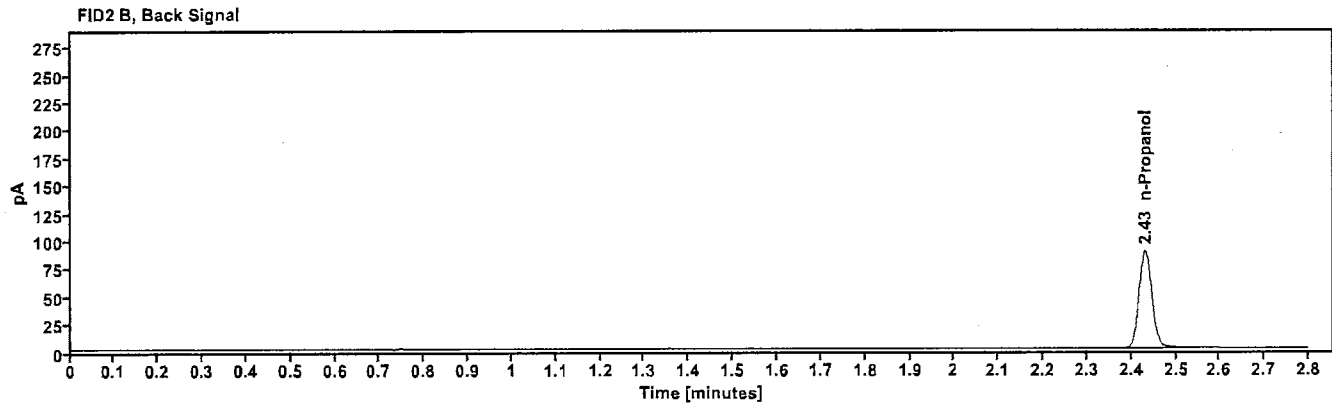
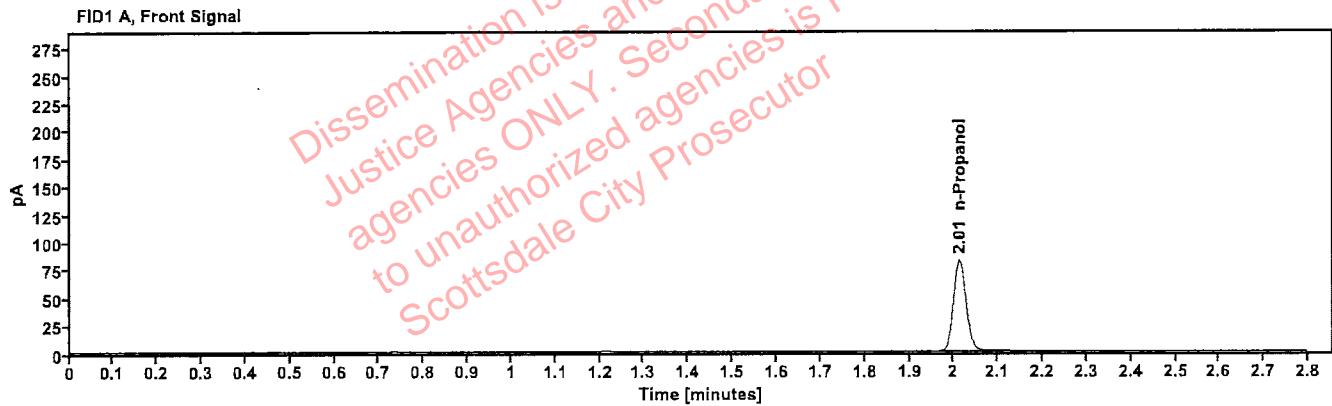


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.013	163.498

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

Compound	Time (min)	Peak Area
n-Propanol	2.431	176.229

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 11:52:22 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\6.D	Analyst:	Brooke

RB

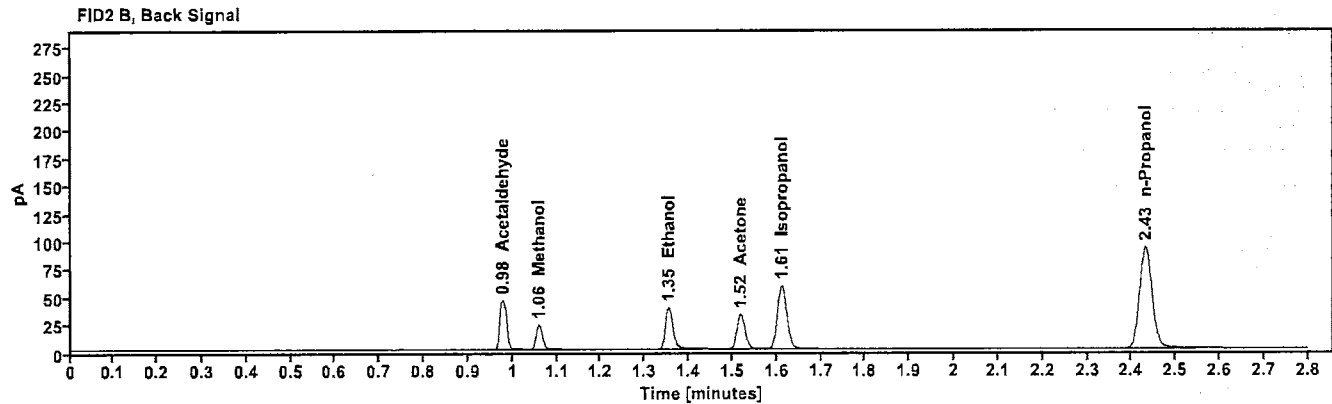
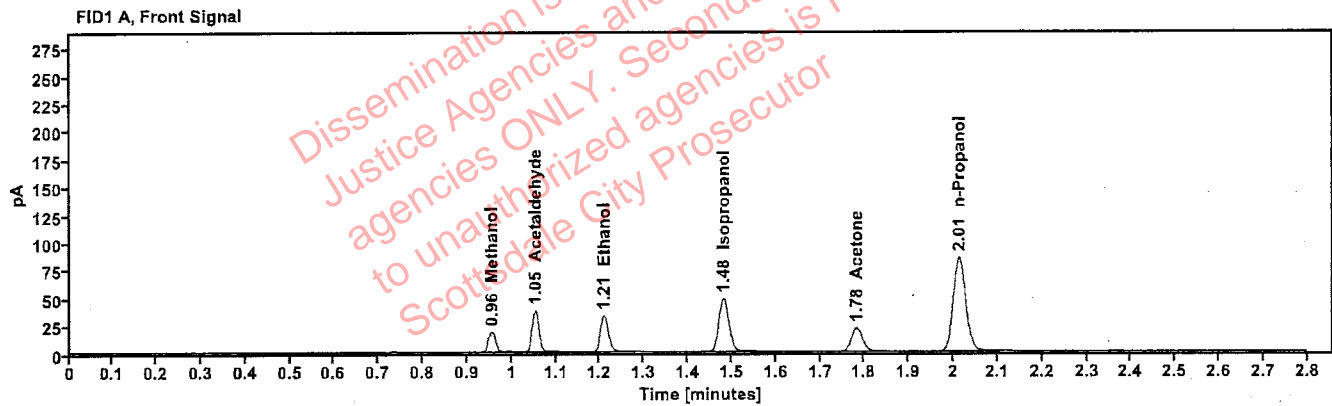


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	20.858
Acetaldehyde	-----	1.053	41.371
>Ethanol	0.0703	1.209	41.925
Isopropanol	-----	1.482	77.165
Acetone	-----	1.782	36.980
n-Propanol	-----	2.013	169.577

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	46.244
Methanol	1.059	22.930
Ethanol	1.354	45.478
Acetone	1.519	40.793
Isopropanol	1.612	85.286
n-Propanol	2.431	182.992

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 15Nov22
Instrument: US14173023 CN14160045	Injection date: 11/15/2022 11:56:37 AM
Data file: C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\7.D	Analyst: Brooke

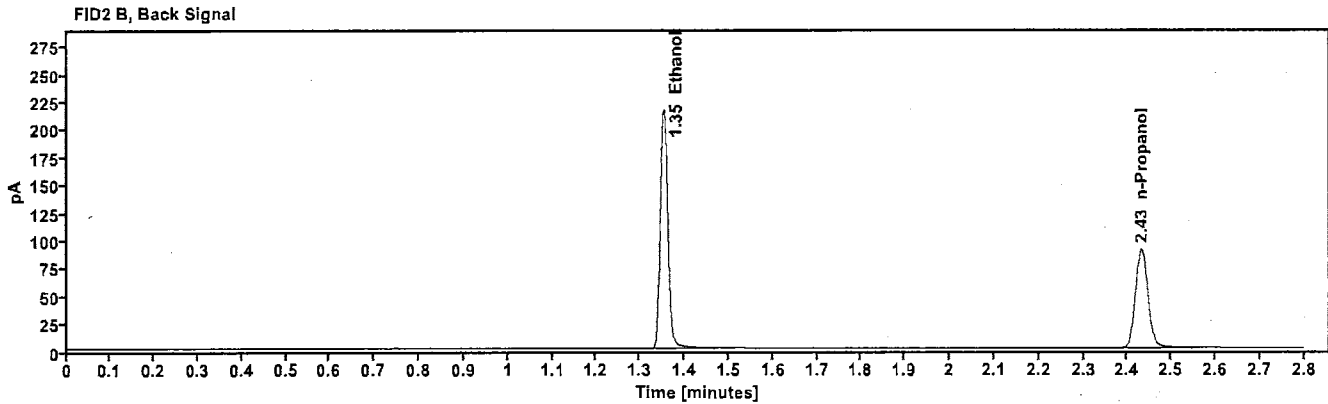
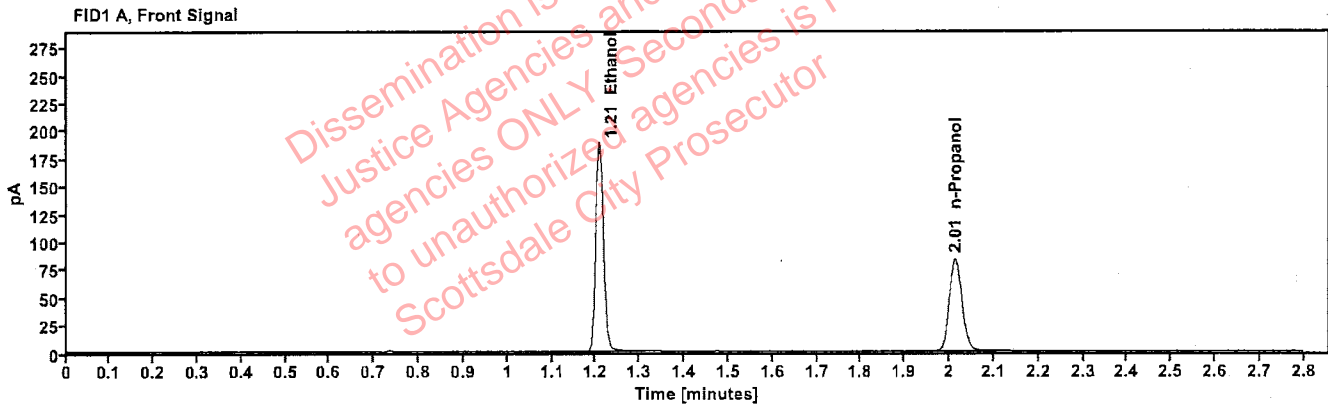


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3992	1.207	237.205
n-Propanol	-----	2.013	165.893

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

Compound	Time (min)	Peak Area
Ethanol	1.353	259.903
n-Propanol	2.432	179.214

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 15Nov22 YB
Instrument: US14173023 CN14160045	Injection date: 11/15/2022 12:00:37 PM
Data file: C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\8.D	Analyst: Brooke

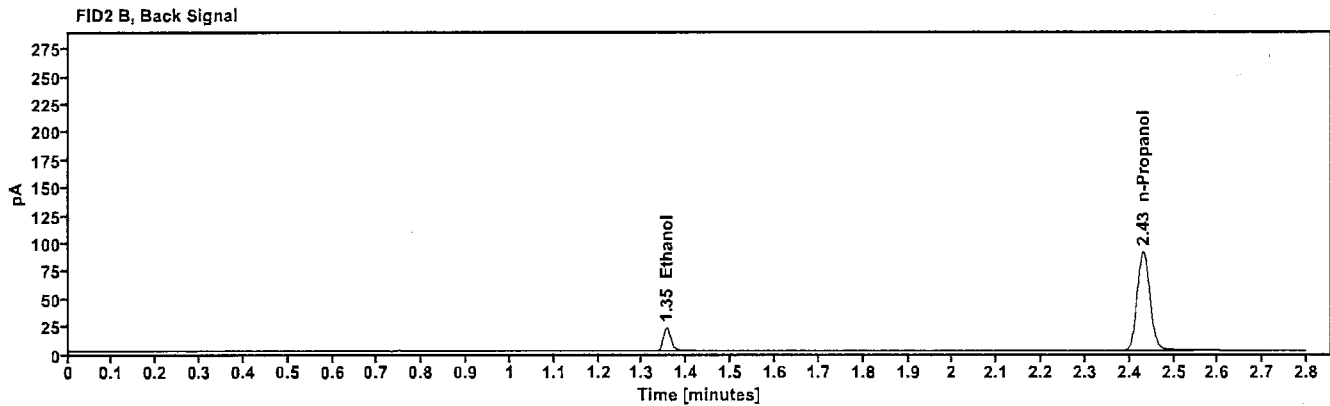
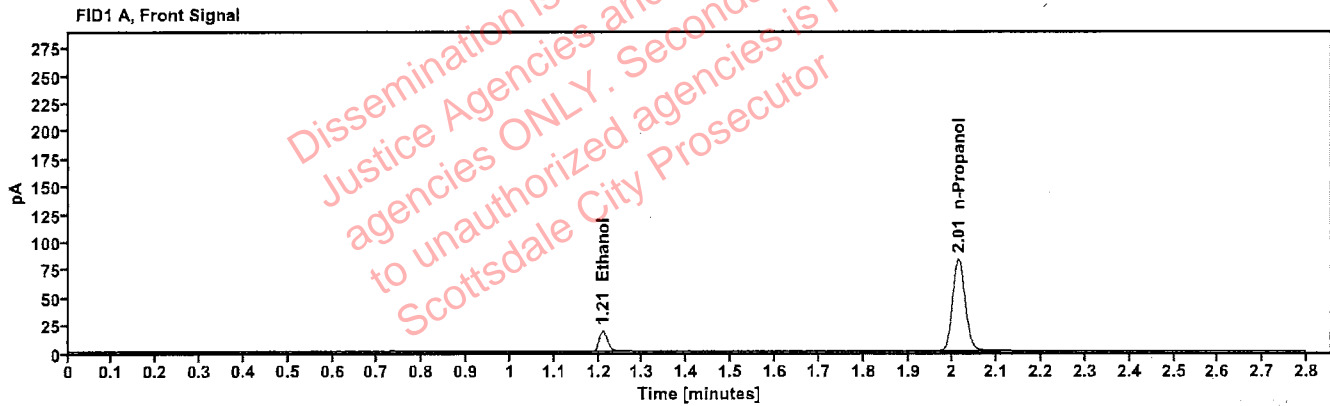


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.209	23.444
n-Propanol	-----	2.013	165.875

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

Compound	Time (min)	Peak Area
Ethanol	1.355	25.428
n-Propanol	2.431	179.024

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/8	Vial:	9
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Nov22 708
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 12:04:37 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\9.D	Analyst:	Brooke

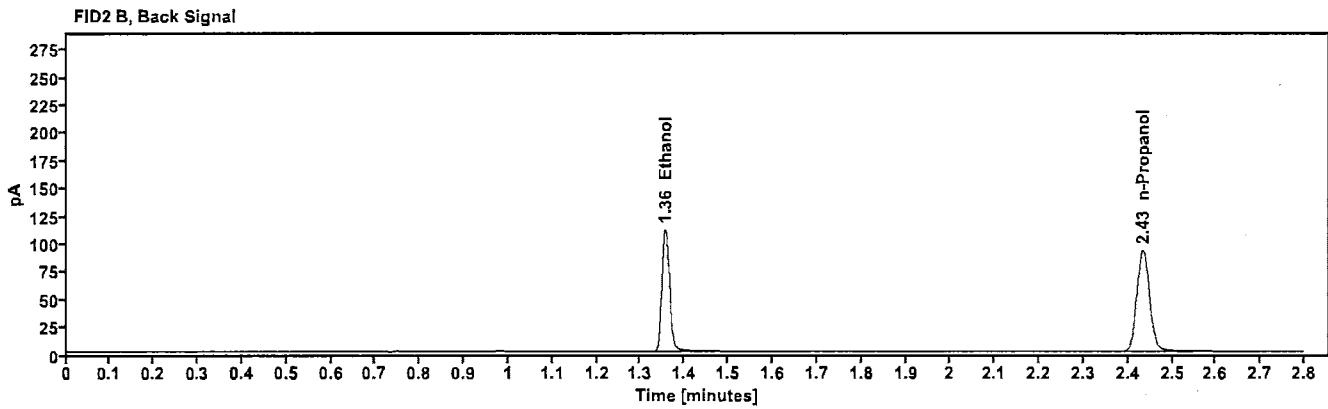
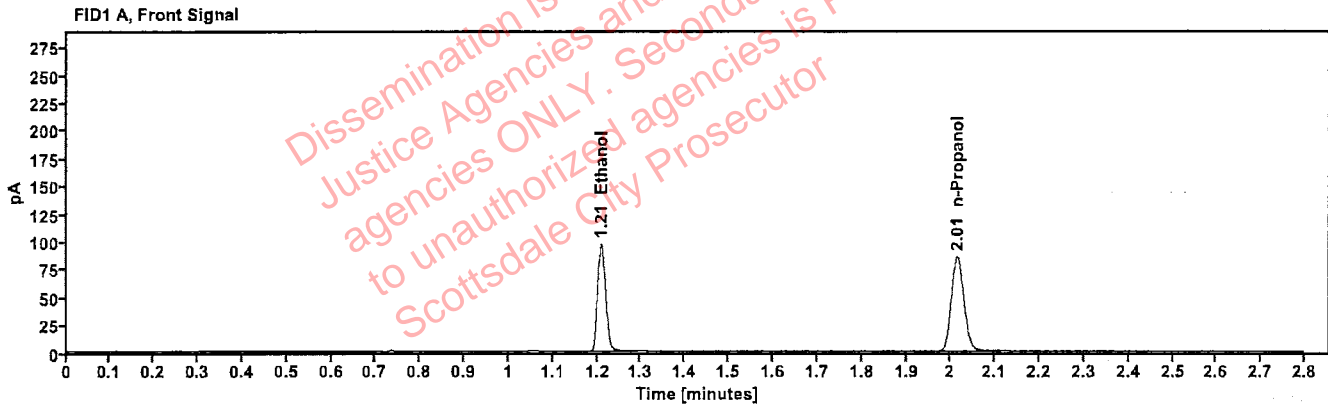


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2020	1.209	122.492
n-Propanol	-----	2.015	169.944

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

Compound	Time (min)	Peak Area
Ethanol	1.356	134.242
n-Propanol	2.434	183.356

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 15Nov22 MB
Instrument: US14173023 CN14160045	Injection date: 11/15/2022 12:49:07 PM
Data file: C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\20.D	Analyst: Brooke

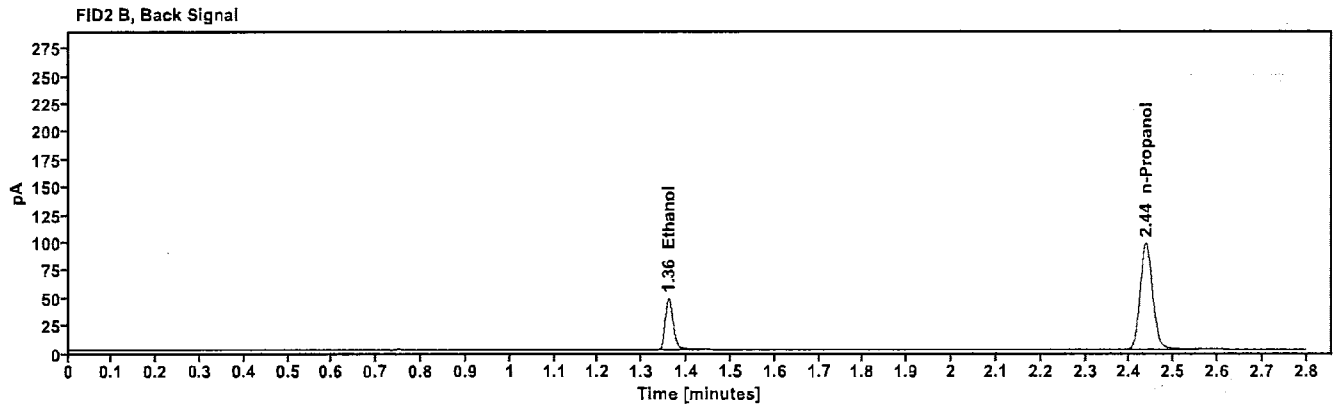
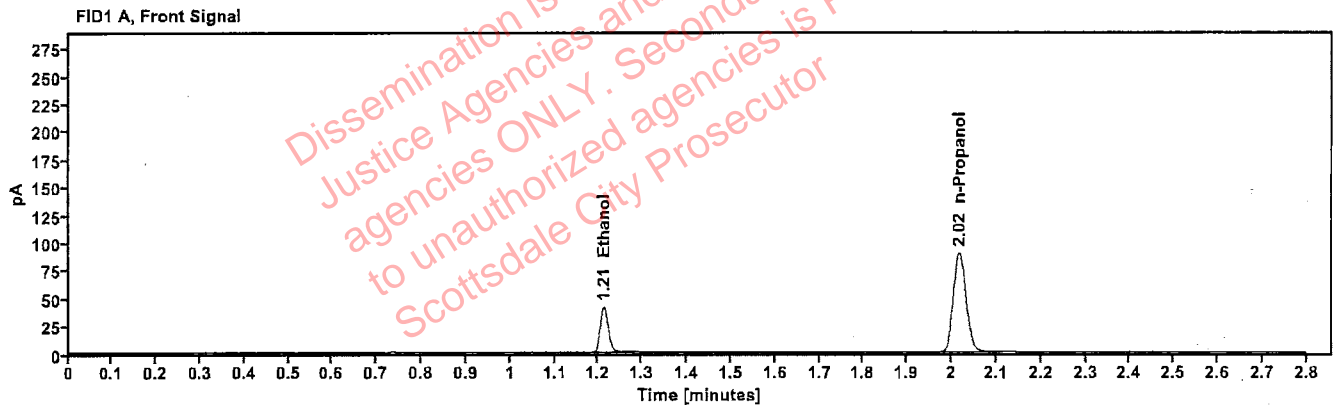


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0836	1.212	52.720
n-Propanol	----	2.017	178.671

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

Compound	Time (min)	Peak Area
Ethanol	1.360	57.396
n-Propanol	2.437	192.854

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Nov22 TB
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:33:37 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\31.D	Analyst:	Brooke

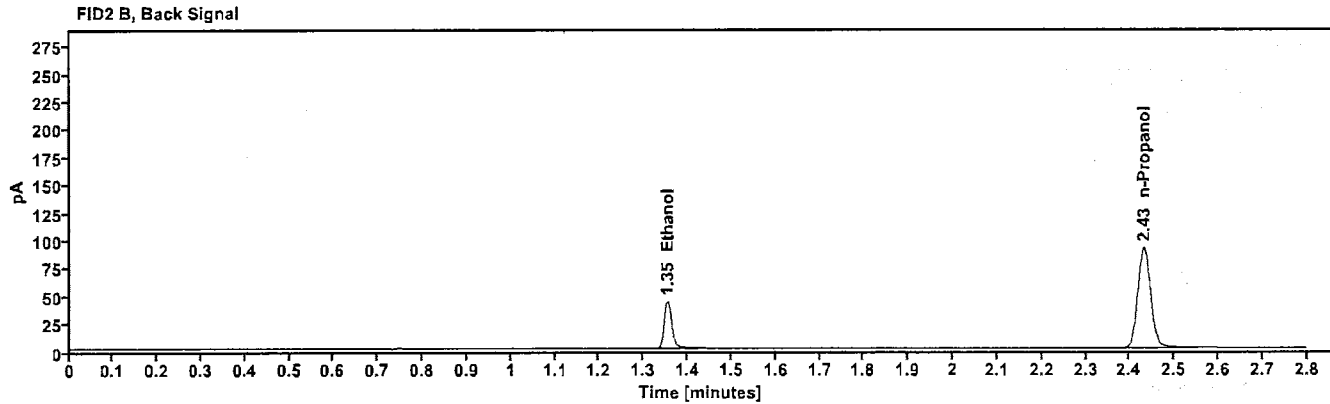
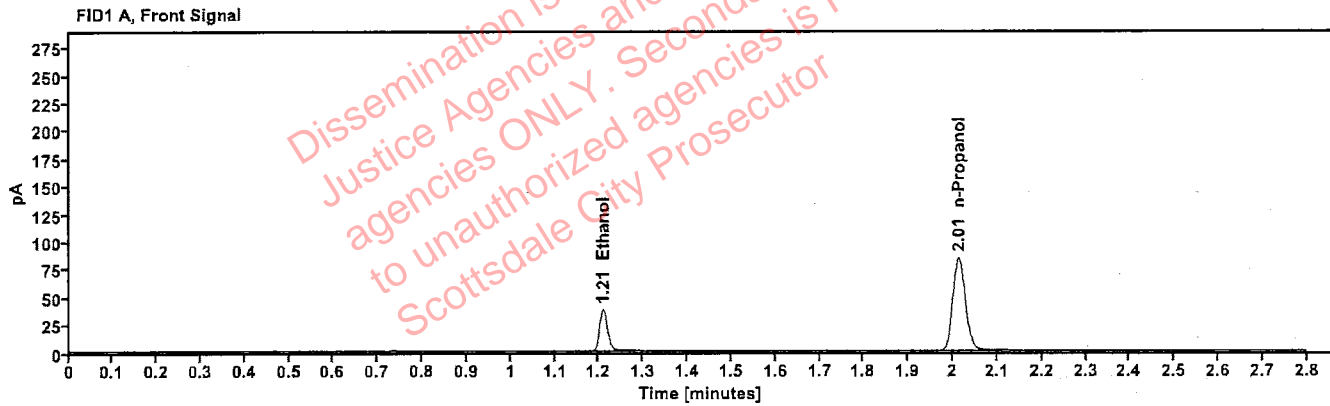


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0806	1.209	47.685
n-Propanol	-----	2.013	167.761

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

Compound	Time (min)	Peak Area
Ethanol	1.354	51.755
n-Propanol	2.432	181.622

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 15Nov22 PB
Instrument: US14173023 CN14160045	Injection date: 11/15/2022 2:17:53 PM
Data file: C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\42.D	Analyst: Brooke

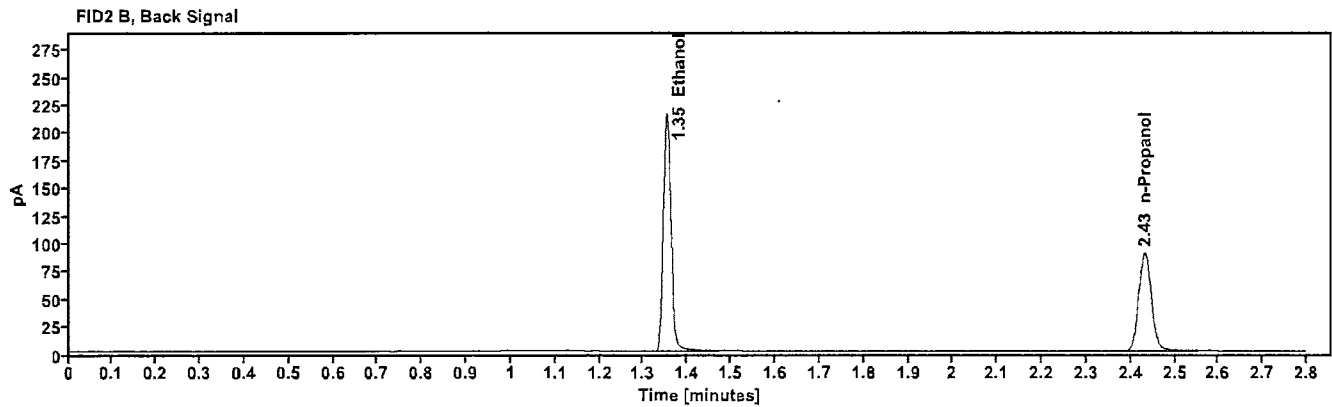
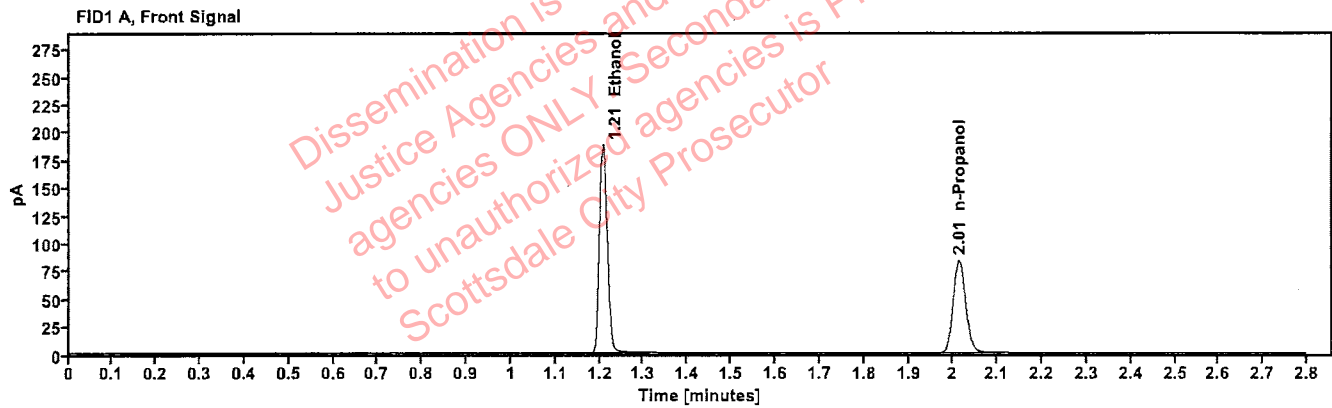


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3982	1.207	236.368
n-Propanol	----	2.013	165.709

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

Compound	Time (min)	Peak Area
Ethanol	1.353	259.686
n-Propanol	2.432	179.516

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Nov22 AB
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 2:22:08 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\43.D	Analyst:	Brooke

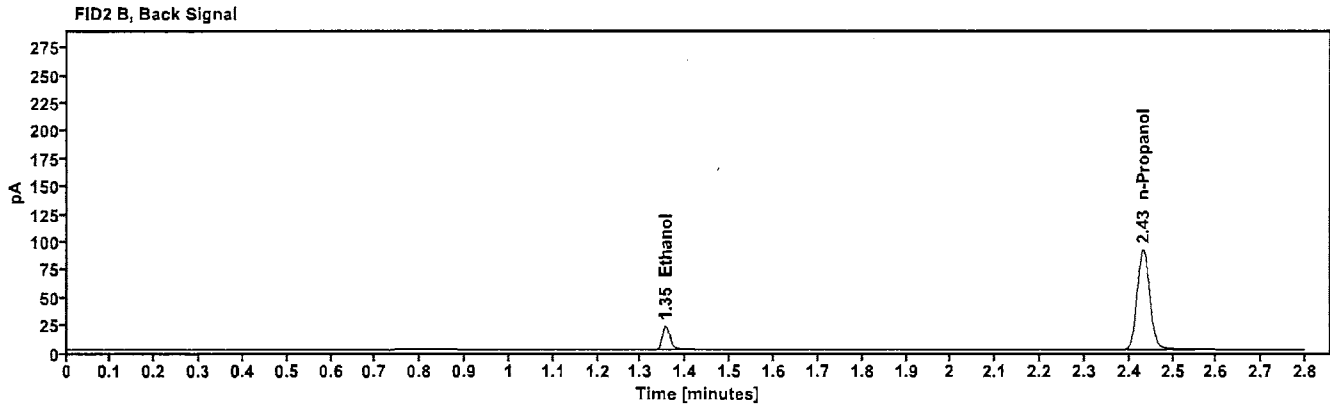
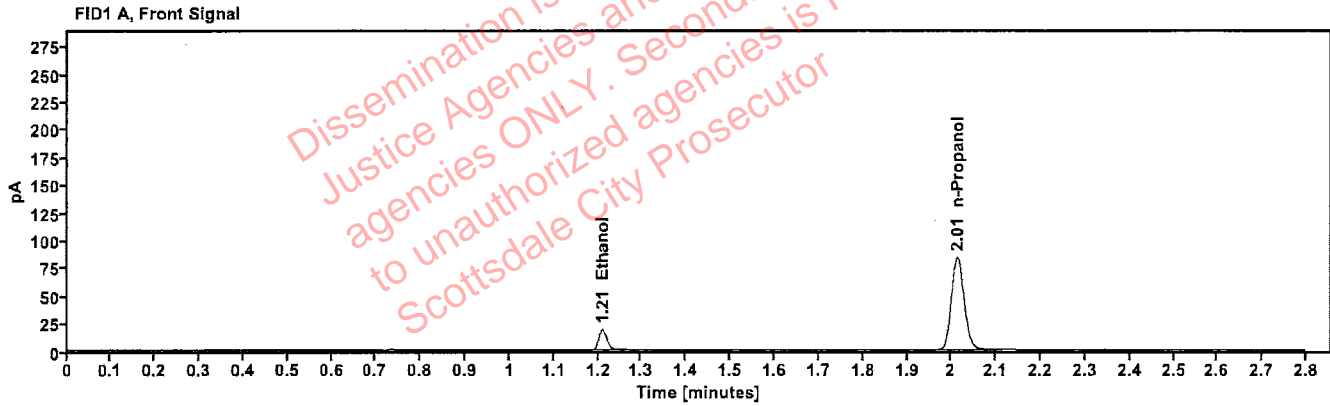


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.210	23.876
n-Propanol	-----	2.013	167.621

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

Compound	Time (min)	Peak Area
Ethanol	1.355	25.950
n-Propanol	2.432	181.111

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/8	Vial: 44	
Description: 0.199	LIMS ID:	
Method: ethanol quant.M	Sequence: 15Nov22	120
Instrument: US14173023 CN14160045	Injection date: 11/15/2022 2:26:08 PM	
Data file: C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\44.D	Analyst: Brooke	

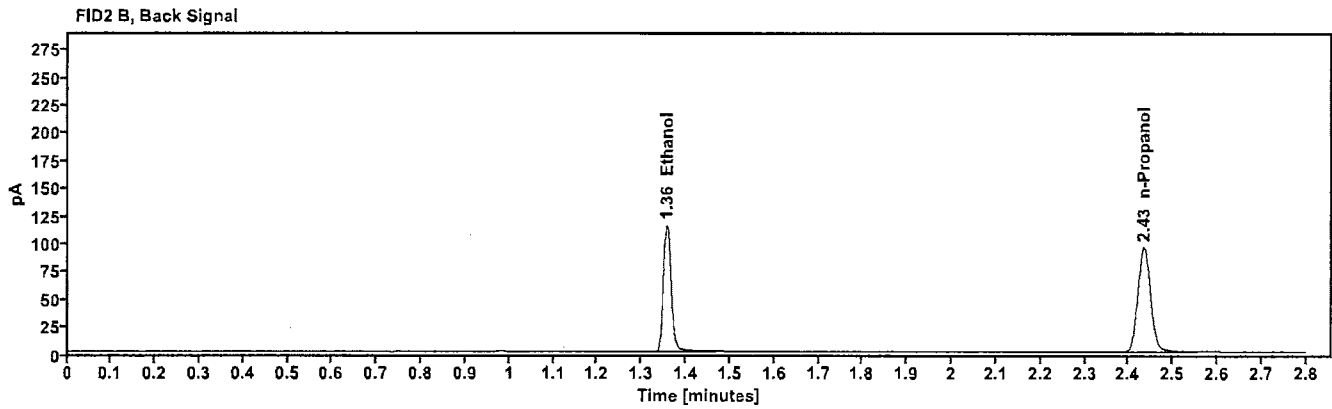
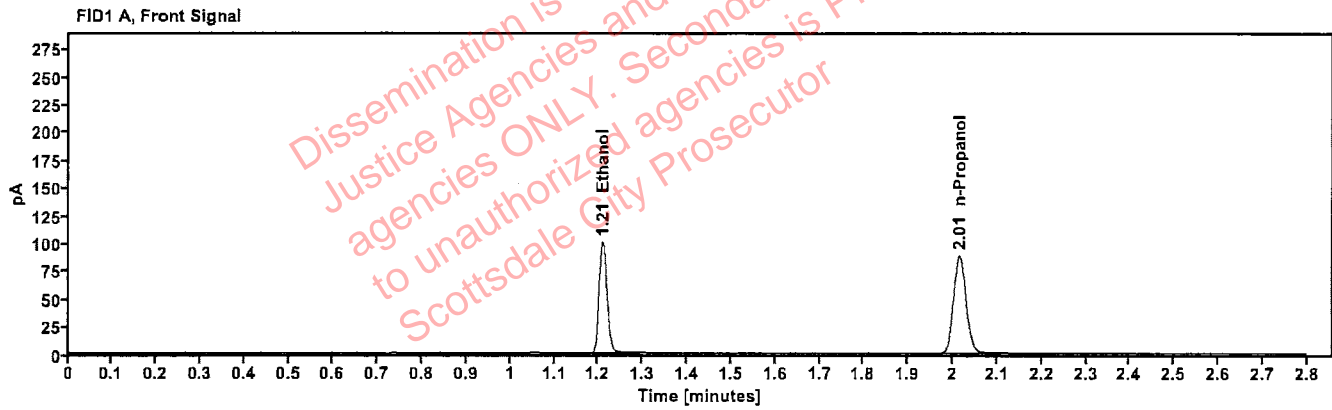


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2034	1.209	127.221
n-Propanol	-----	2.015	175.251

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

Compound	Time (min)	Peak Area
Ethanol	1.356	139.570
n-Propanol	2.434	189.646

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	101921WB	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Nov22 Yao
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 2:30:07 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\45.D	Analyst:	Brooke

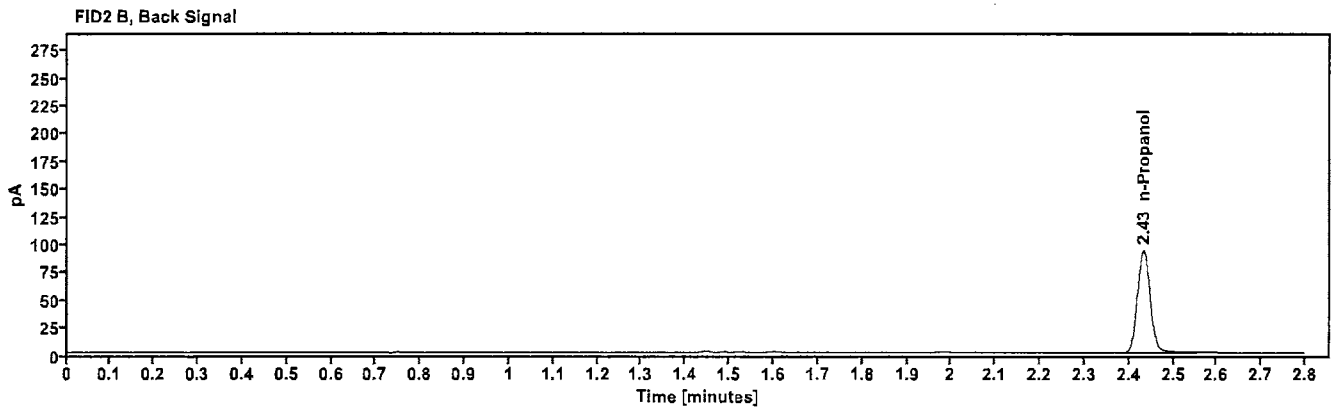
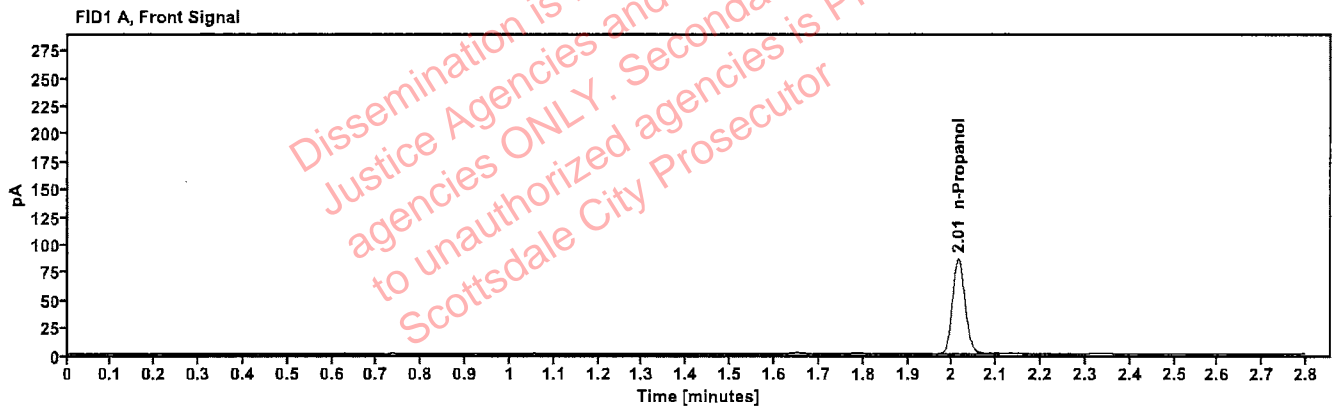


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	170.596

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

Compound	Time (min)	Peak Area
n-Propanol	2.433	185.255

Sequence Summary

Sequence name: 15Nov22 Instrument: US14173023 CN14160045 Analyst: Brooke

193

Vial	Sample	Description	Type	LIMS ID	Method
1	FN10051909	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN02052101	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	100722AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/8	0.199	Control		ethanol quant.M
10	1402231		Sample		ethanol quant.M
11	1402231		Sample		ethanol quant.M
12	40301NG		Sample		ethanol quant.M
13	40301NG		Sample		ethanol quant.M
14	32701RS		Sample		ethanol quant.M
15	32701RS		Sample		ethanol quant.M
16	40501JK		Sample		ethanol quant.M
17	40501JK		Sample		ethanol quant.M
18	32701EB		Sample		ethanol quant.M
19	32701EB		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	40201ES		Sample		ethanol quant.M
22	40201ES		Sample		ethanol quant.M
23	4111AS		Sample		ethanol quant.M
24	4111AS		Sample		ethanol quant.M
25	17601AW		Sample		ethanol quant.M
26	17601AW		Sample		ethanol quant.M
27	35301AB		Sample		ethanol quant.M
28	35301AB		Sample		ethanol quant.M
29	18301RC		Sample		ethanol quant.M
30	18301RC		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	2221112-3		Sample		ethanol quant.M
33	2221112-3		Sample		ethanol quant.M
34	2221298-1		Sample		ethanol quant.M
35	2221298-1		Sample		ethanol quant.M
36	2221456-2		Sample		ethanol quant.M
37	2221456-2		Sample		ethanol quant.M
38	1409140		Sample		ethanol quant.M
39	1409140		Sample		ethanol quant.M
40	2221561-3		Sample		ethanol quant.M
41	2221561-3		Sample		ethanol quant.M
42	11092018-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	101921WB	Negative	Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

78

SEQUENCE NAME: 15Nov22

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1483	0.1462	0.14725	0.71	0.00105
12 13	0.1675	0.1680	0.16775	0.15	0.00025
14 15	0.1237	0.1248	0.12425	0.44	0.00055
16 17	0.1800	0.1770	0.17850	0.84	0.00150
18 19	0.1544	0.1575	0.15595	0.99	0.00155
21 22	0.0954	0.0963	0.09585	0.47	0.00045
23 24	0.0000	0.0000	0.00000	0.00	0.00000
25 26	0.2735	0.2716	0.27255	0.35	0.00095
27 28	0.1726	0.1732	0.17290	0.17	0.00030
29 30	0.1496	0.1480	0.14880	0.54	0.00080
32 33	0.1108	0.1104	0.11060	0.18	0.00020
34 35	0.2527	0.2489	0.25080	0.76	0.00190
36 37	0.2018	0.2059	0.20385	1.01	0.00205
38 39	0.0897	0.0903	0.09000	0.33	0.00030
40 41	0.3318	0.3310	0.33140	0.12	0.00040

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

Criminal Justice
 Agencies and Services
 to unauthorized persons is prohibited
 Scottsdale City Police

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402231	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 12:08:37 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\10.D	Analyst:	Brooke

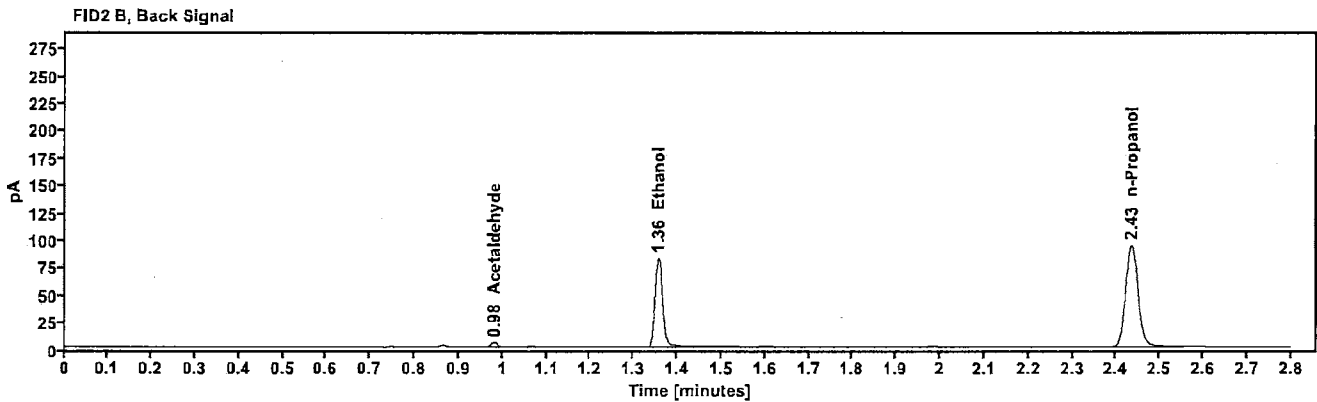
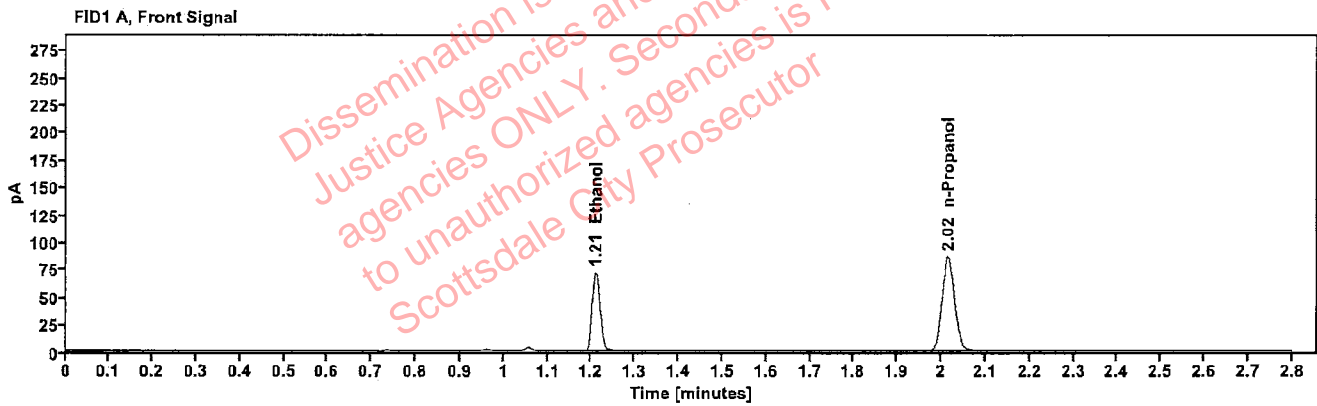


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1483	1.210	90.756
n-Propanol	---	2.015	171.973

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.980	3.869
Ethanol	1.357	98.926
n-Propanol	2.434	185.971

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1402231	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 12:12:37 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\11.D	Analyst:	Brooke

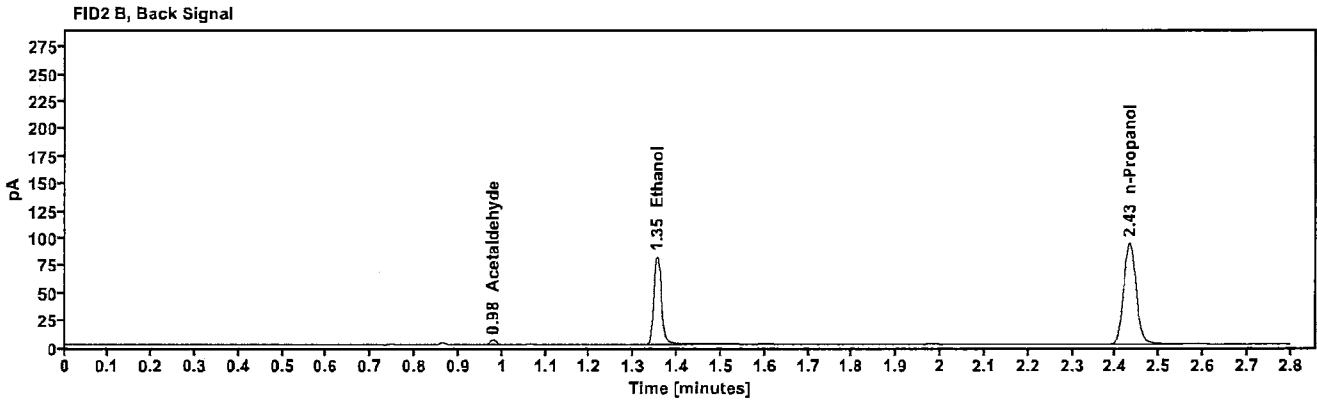
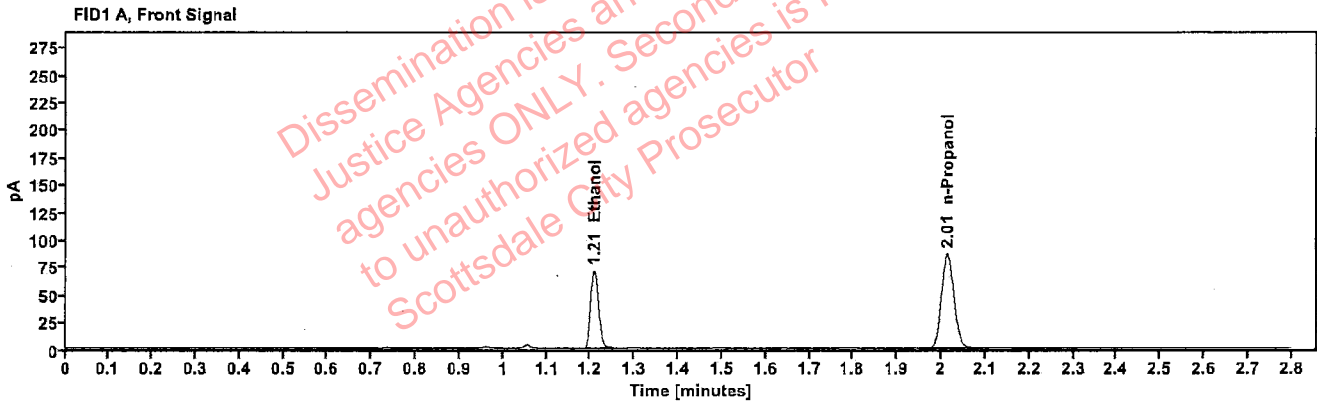


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1462	1.208	89.438
n-Propanol	---	2.013	171.934

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	4.024
Ethanol	1.354	97.557
n-Propanol	2.432	186.339

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40301NG	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 12:16:38 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\12.D	Analyst:	Brooke

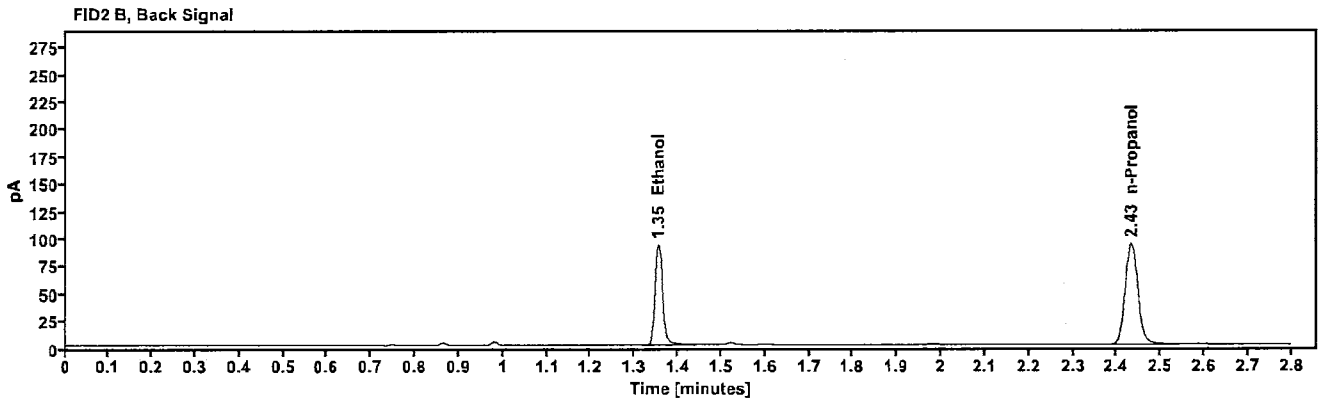
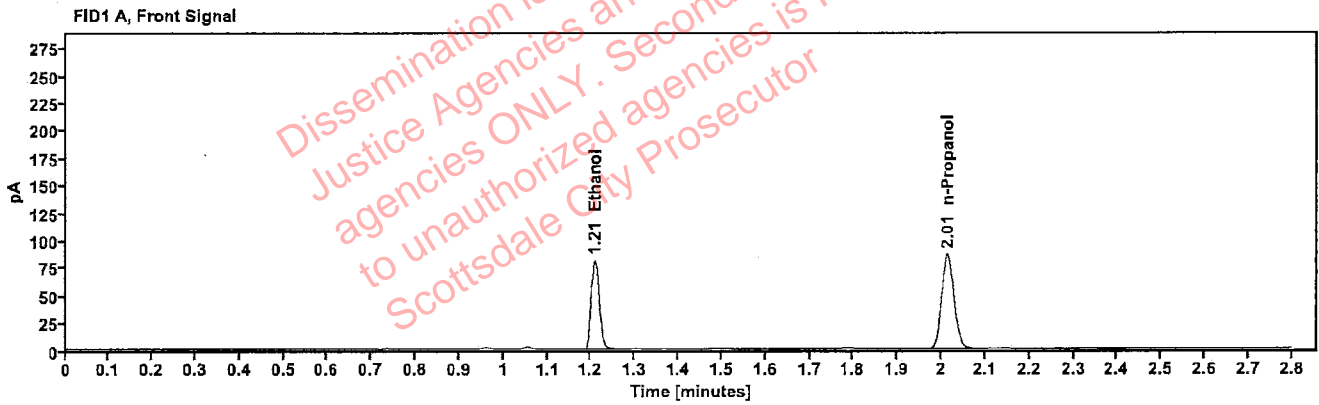


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1675	1.208	102.238
n-Propanol	---	2.014	171.291

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

Compound	Time (min)	Peak Area
Ethanol	1.354	111.536
n-Propanol	2.432	185.126

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40301NG	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 12:20:53 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\13.D	Analyst:	Brooke

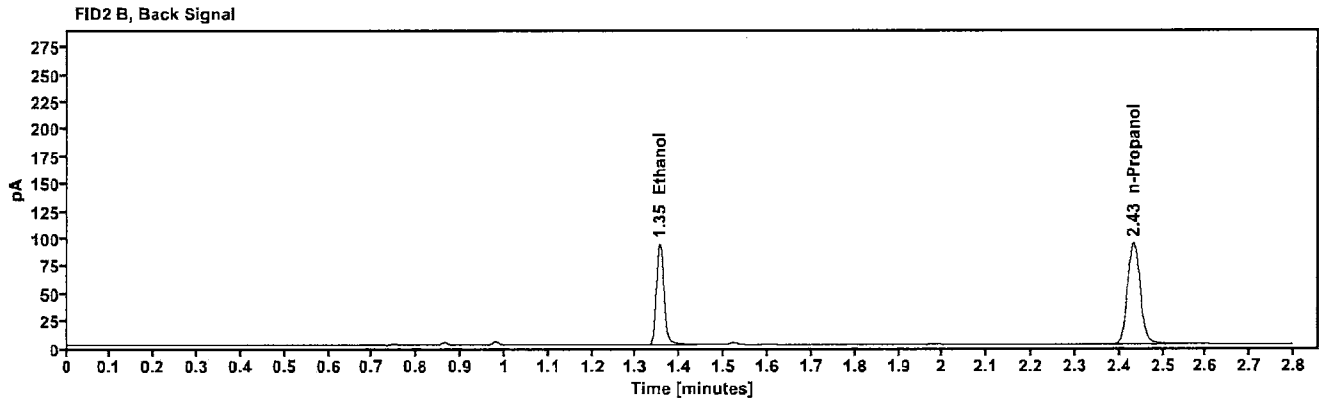
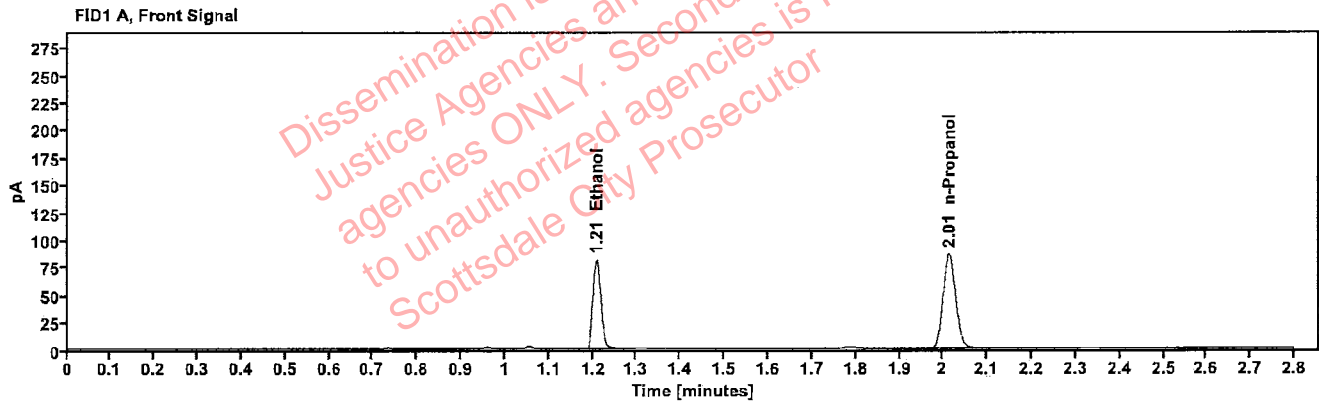


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1680	1.208	102.902
n-Propanol	-----	2.014	171.930

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

Compound	Time (min)	Peak Area
Ethanol	1.354	112.000
n-Propanol	2.432	185.759

Case: [REDACTED] : Brooke, Phillip - (16-Nov-2022)

User: pbrooke 11/16/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701RS	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 12:24:52 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\14.D	Analyst:	Brooke

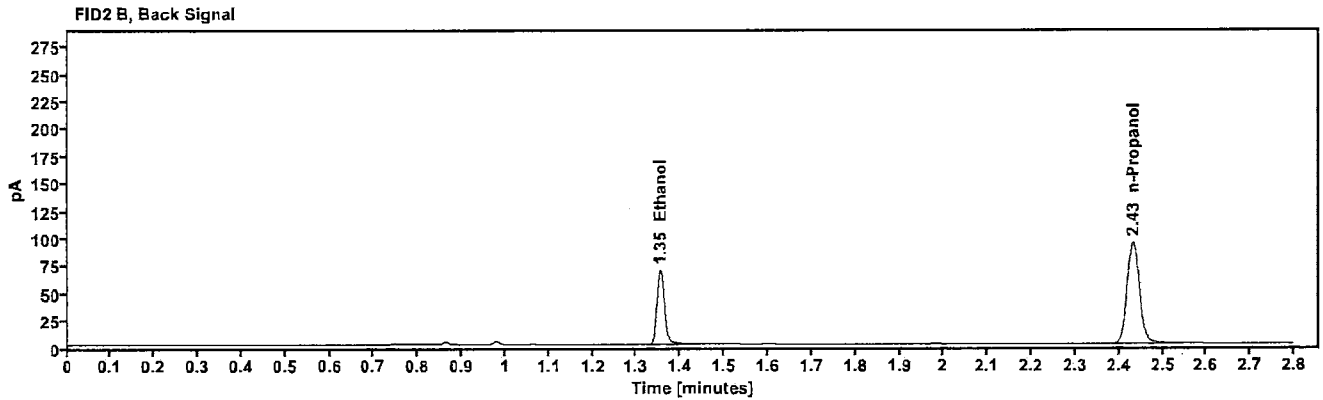
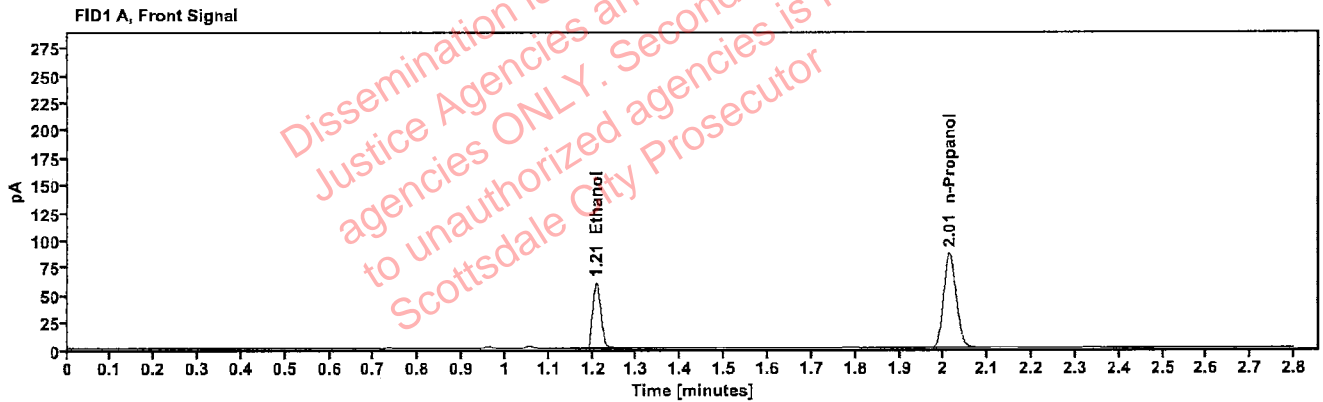


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1237	1.208	75.925
n-Propanol	---	2.014	172.814

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

Compound	Time (min)	Peak Area
Ethanol	1.354	82.566
n-Propanol	2.432	186.924

[REDACTED]: Brooke, Phillip - (16-Nov-2022)

Case: [REDACTED] User: pbrooke 11/16/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701RS	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 12:28:52 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\15.D	Analyst:	Brooke

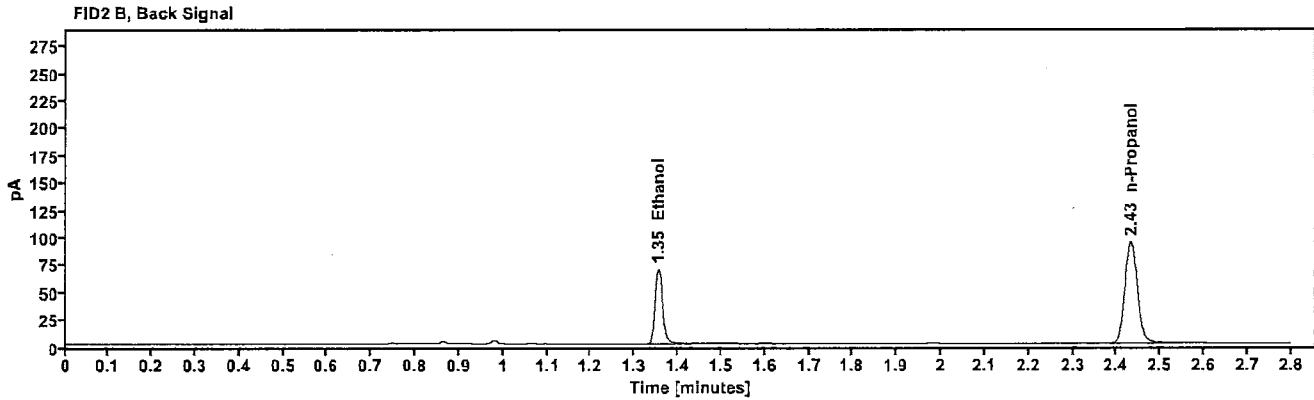
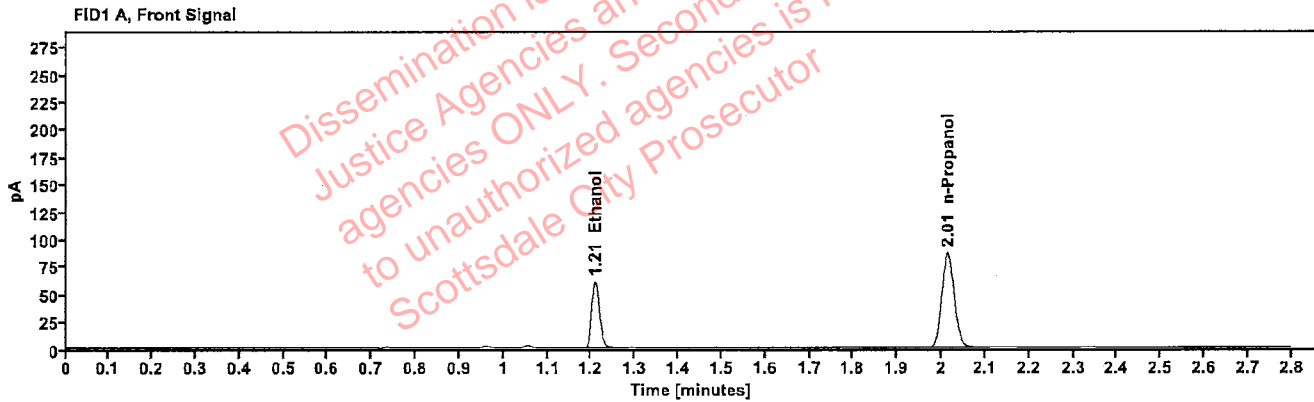


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1248	1.209	76.288
n-Propanol	-----	2.014	172.102

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

Compound	Time (min)	Peak Area
Ethanol	1.355	82.937
n-Propanol	2.433	185.960

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40501JK	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 12:32:52 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\16.D	Analyst:	Brooke

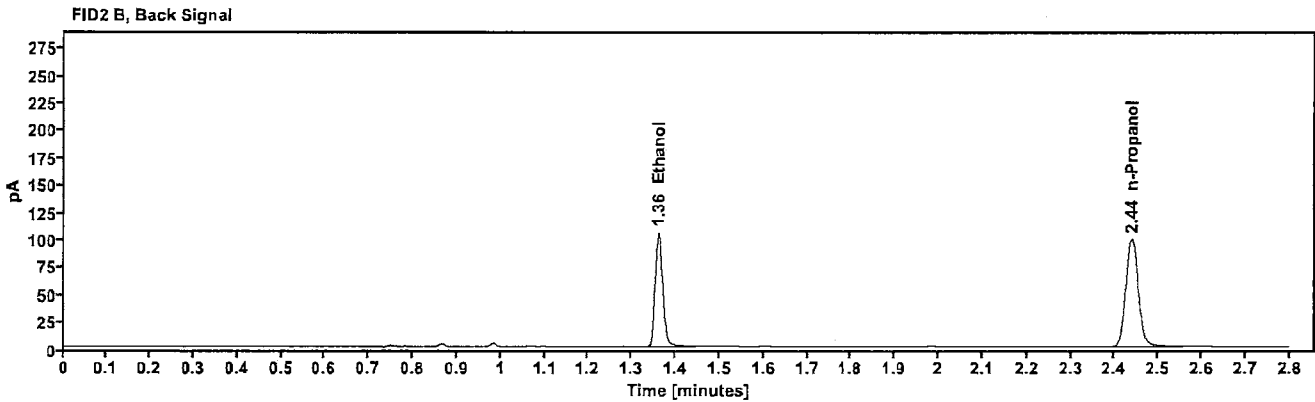
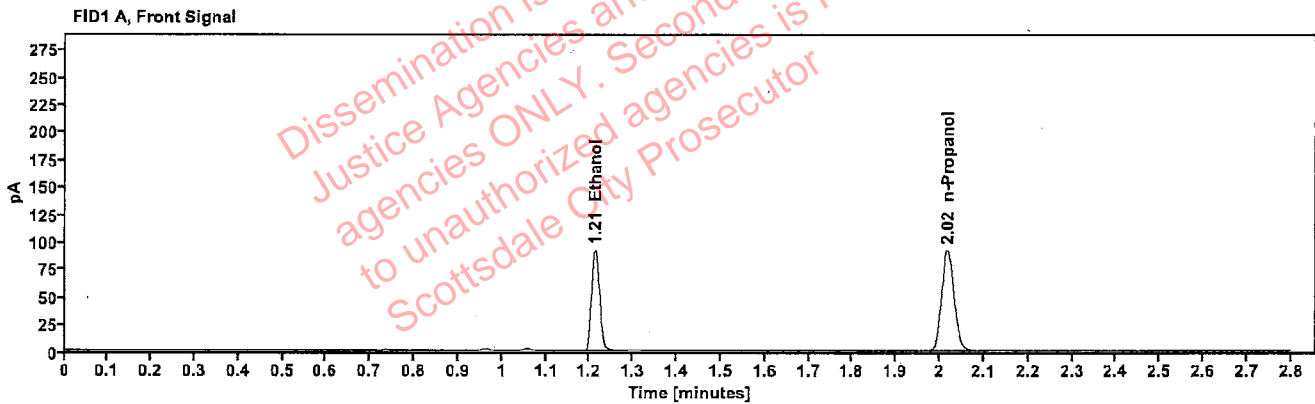


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1800	1.212	117.233
n-Propanol	-----	2.018	182.712

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

Compound	Time (min)	Peak Area
Ethanol	1.361	128.217
n-Propanol	2.439	197.572

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40501JK	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 12:36:52 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\17.D	Analyst:	Brooke

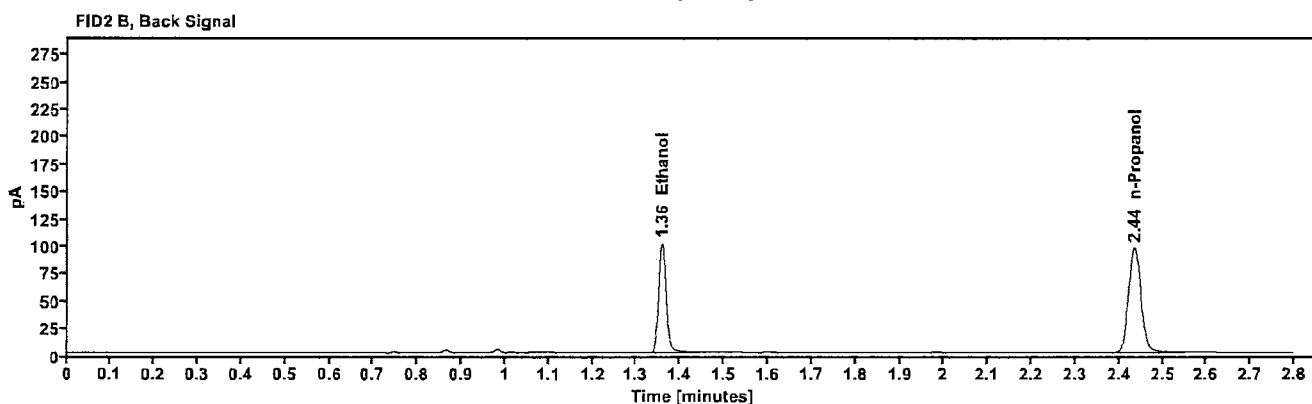
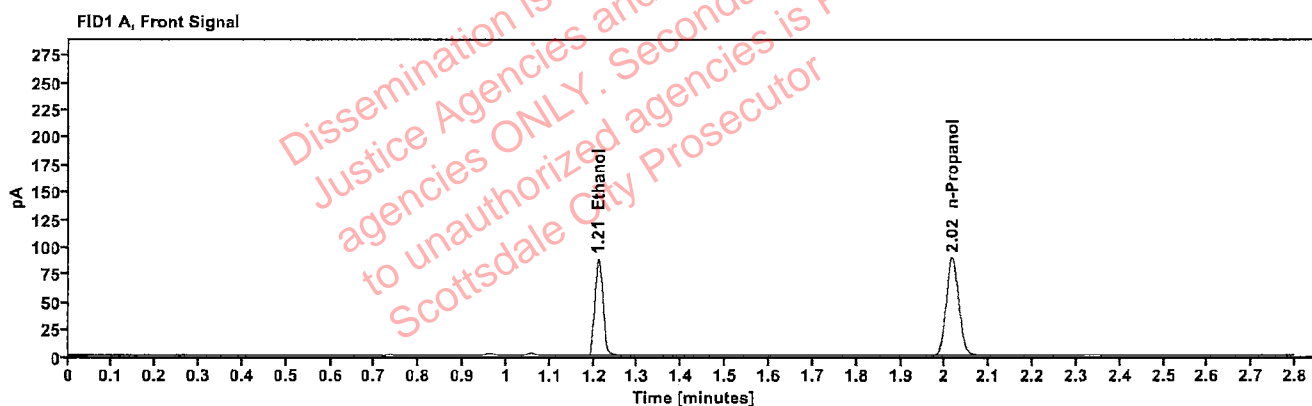


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1770	1.210	111.831
n-Propanol	-----	2.016	177.194

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

Compound	Time (min)	Peak Area
Ethanol	1.358	122.113
n-Propanol	2.436	191.562

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701EB	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 12:40:53 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\18.D	Analyst:	Brooke

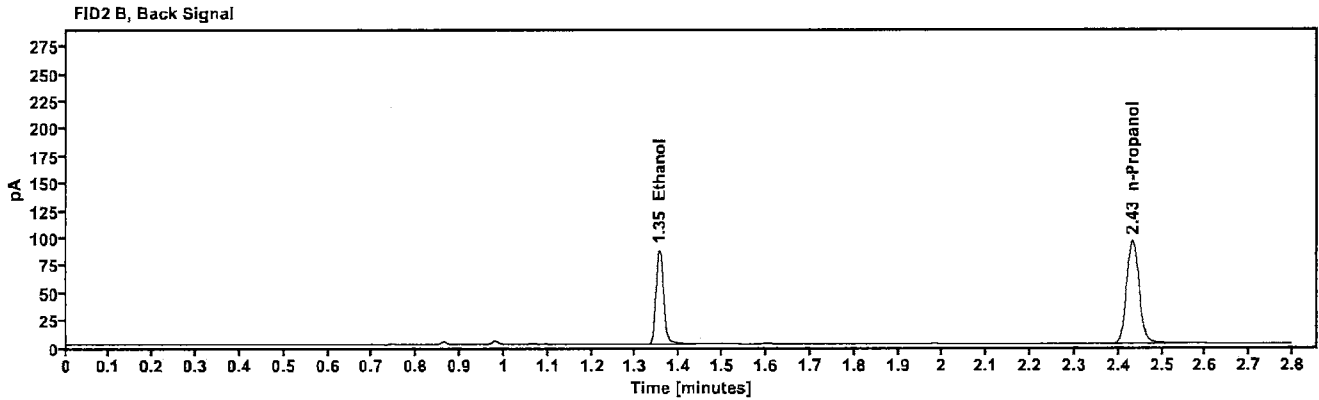
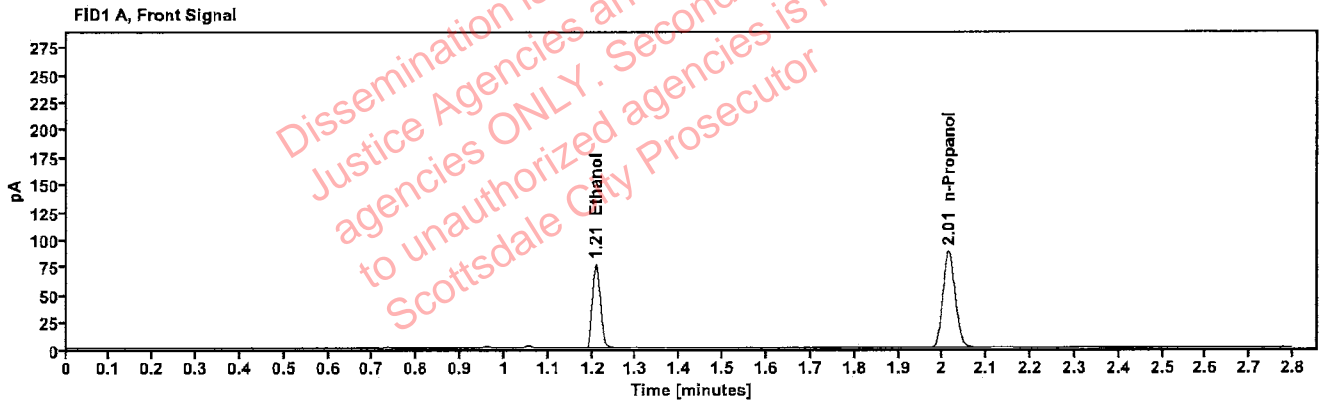


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1544	1.208	96.170
n-Propanol	-----	2.014	174.995

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

Compound	Time (min)	Peak Area
Ethanol	1.354	104.941
n-Propanol	2.432	189.448

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701EB	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 12:45:07 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\19.D	Analyst:	Brooke

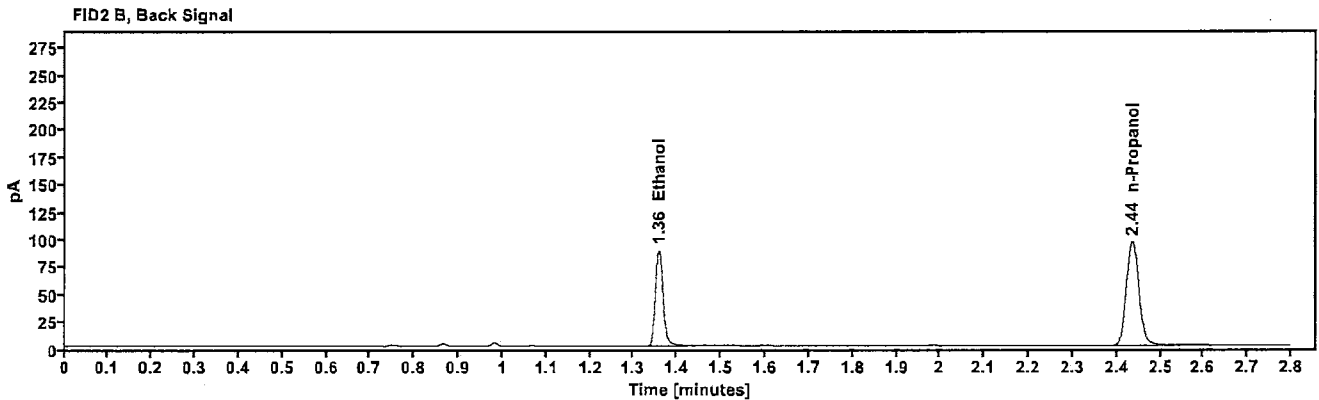
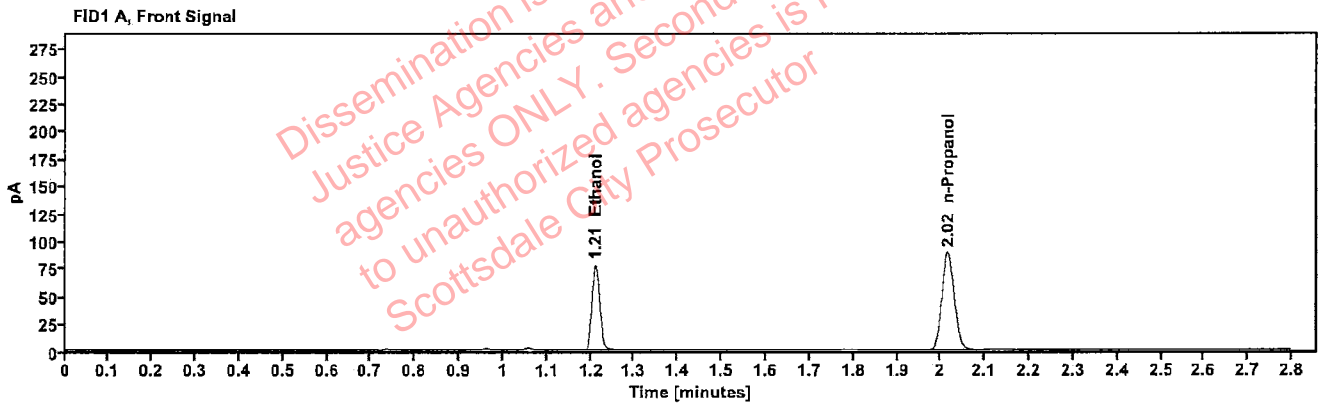


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1575	1.210	99.079
n-Propanol	-----	2.016	176.594

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

Compound	Time (min)	Peak Area
Ethanol	1.358	107.727
n-Propanol	2.436	190.798

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40201ES	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 12:53:07 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\21.D	Analyst:	Brooke

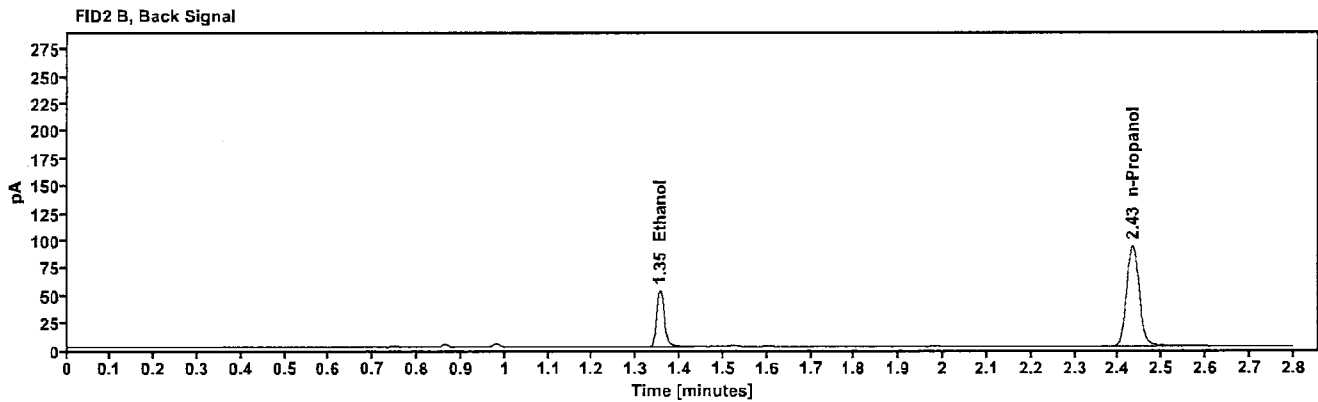
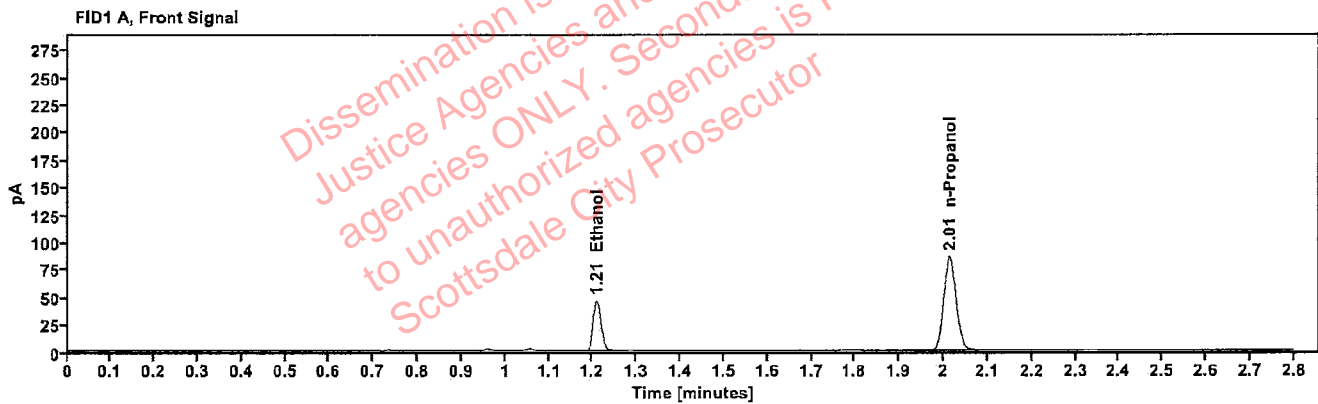


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0954	1.209	57.782
n-Propanol	—	2.014	171.103

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

Compound	Time (min)	Peak Area
Ethanol	1.354	62.700
n-Propanol	2.432	185.002

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	40201ES	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 12:57:07 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\22.D	Analyst:	Brooke

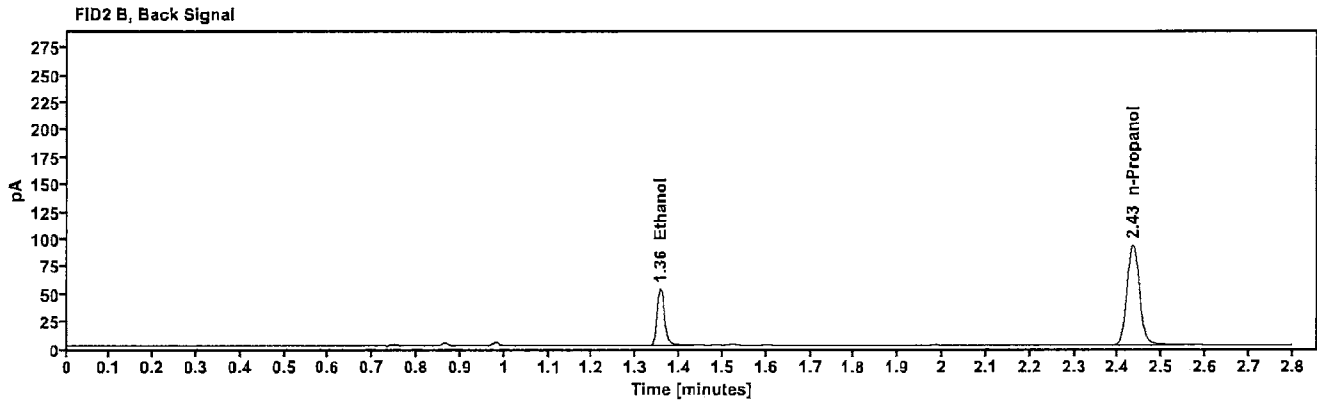
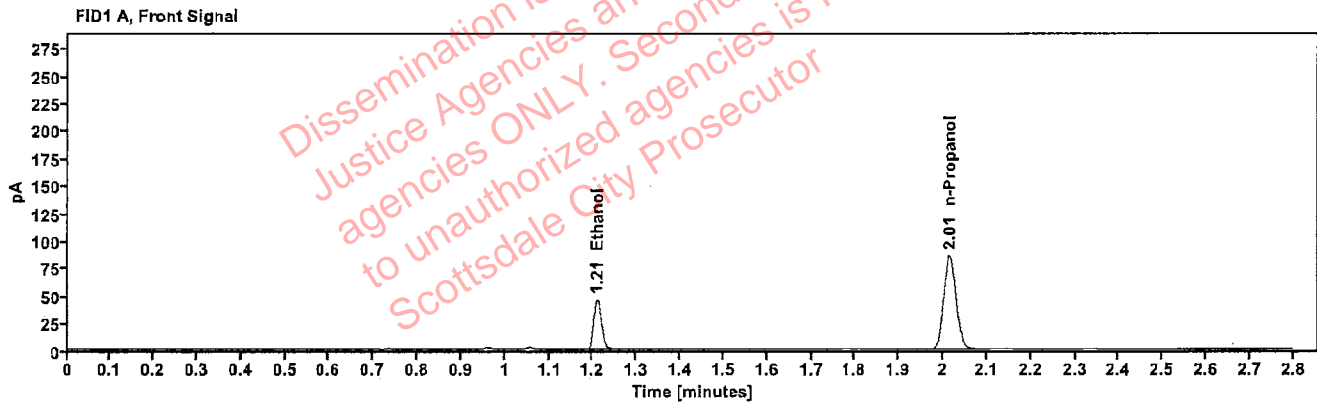


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0963	1.210	58.083
n-Propanol	-----	2.015	170.510

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

Compound	Time (min)	Peak Area
Ethanol	1.356	62.992
n-Propanol	2.434	184.374

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4111AS	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:01:07 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\23.D	Analyst:	Brooke

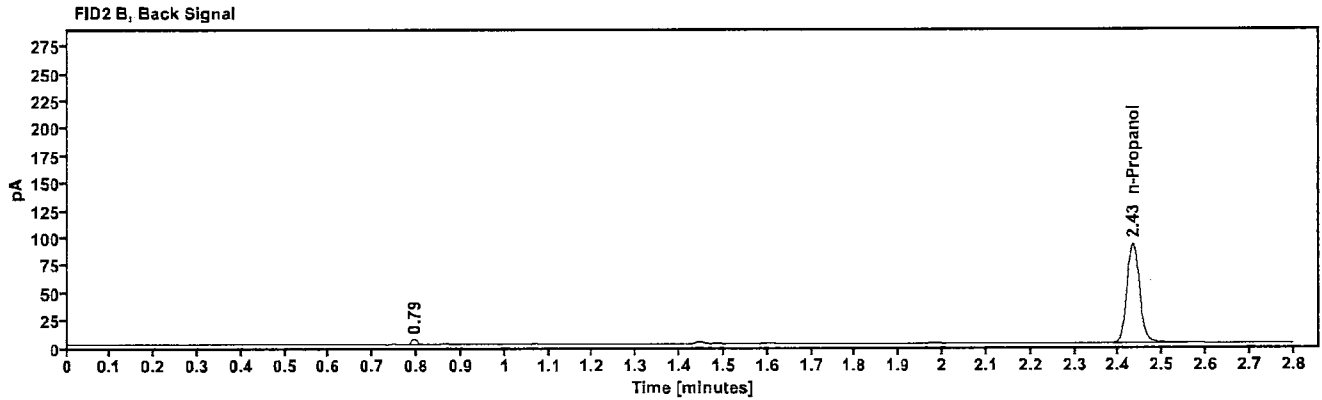
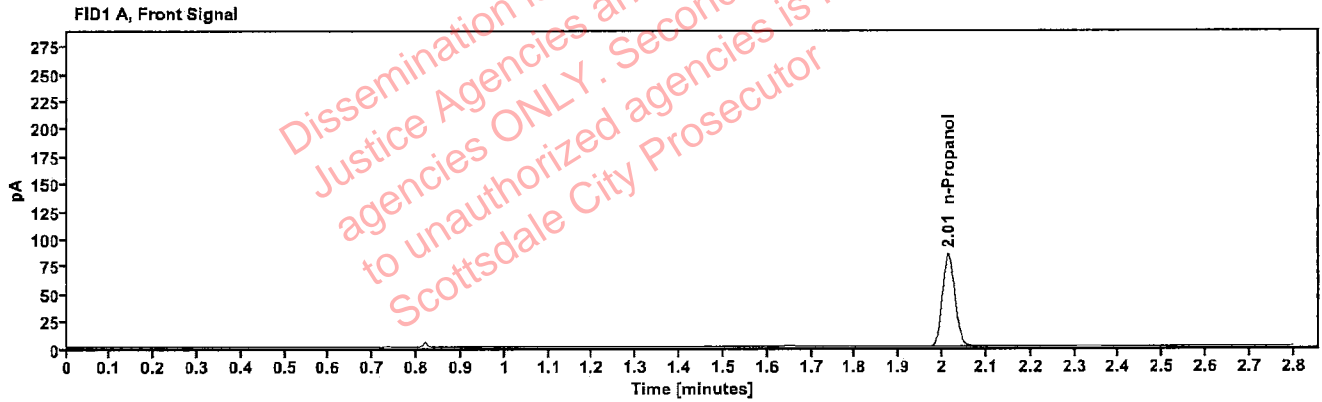


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.014	168.231

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

Compound	Time (min)	Peak Area
n-Propanol	2.432	183.150

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4111AS	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:05:07 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\24.D	Analyst:	Brooke

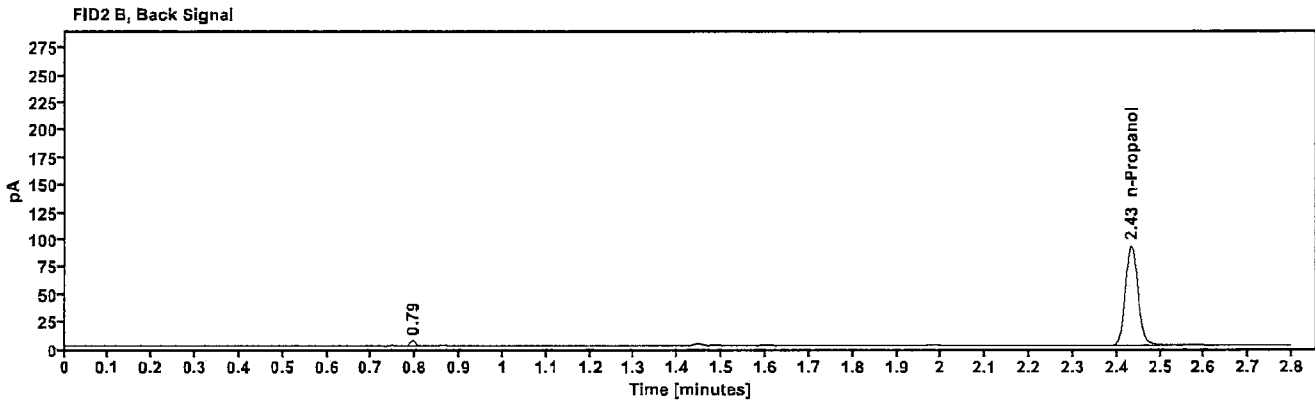
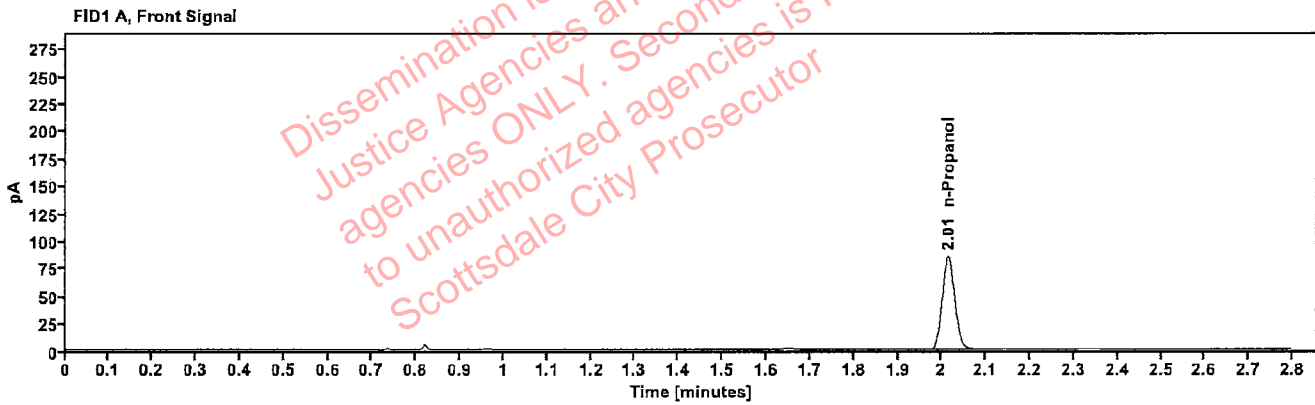


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	168.423

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

Compound	Time (min)	Peak Area
n-Propanol	2.433	183.208

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601AW	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:09:22 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\25.D	Analyst:	Brooke

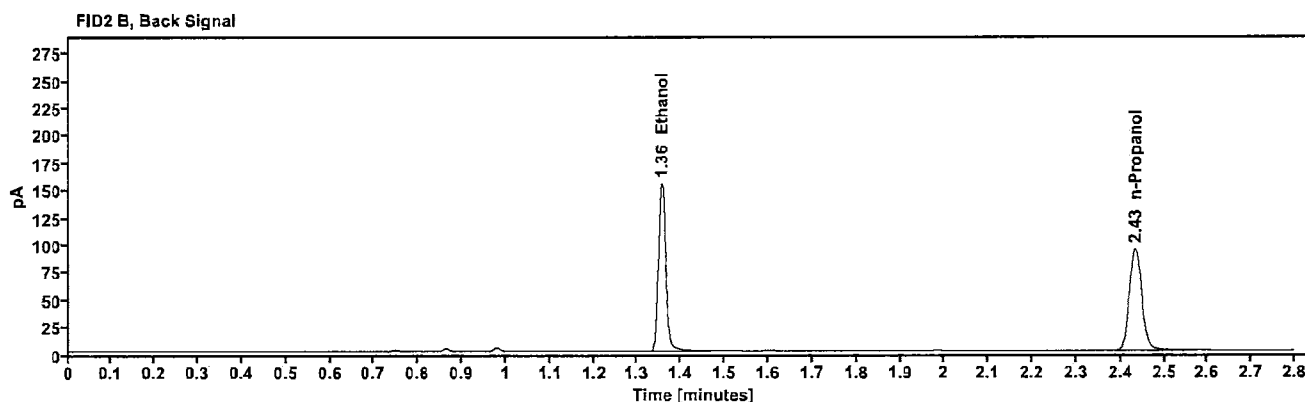
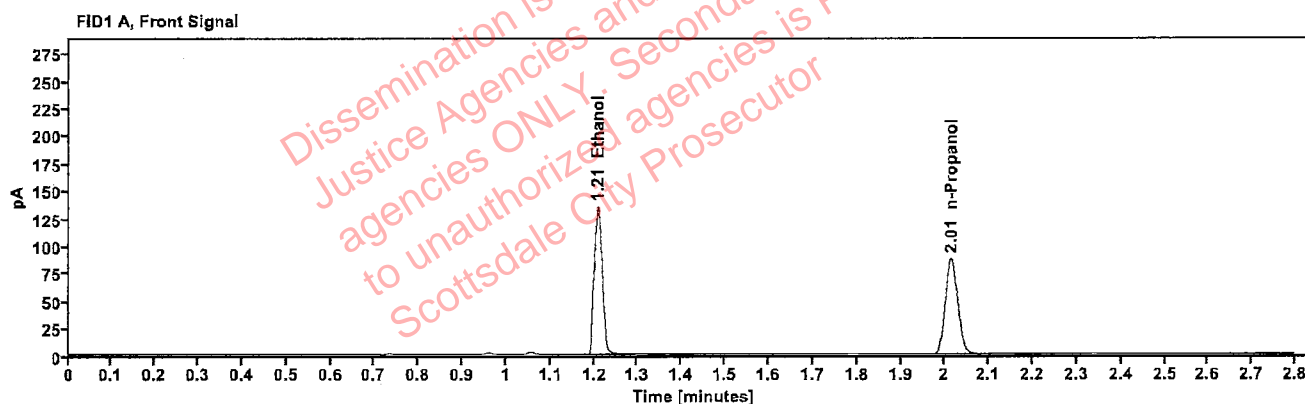


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2735	1.209	169.442
n-Propanol	-----	2.015	173.246

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

Compound	Time (min)	Peak Area
Ethanol	1.355	185.937
n-Propanol	2.434	187.512

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601AW	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:13:22 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\26.D	Analyst:	Brooke

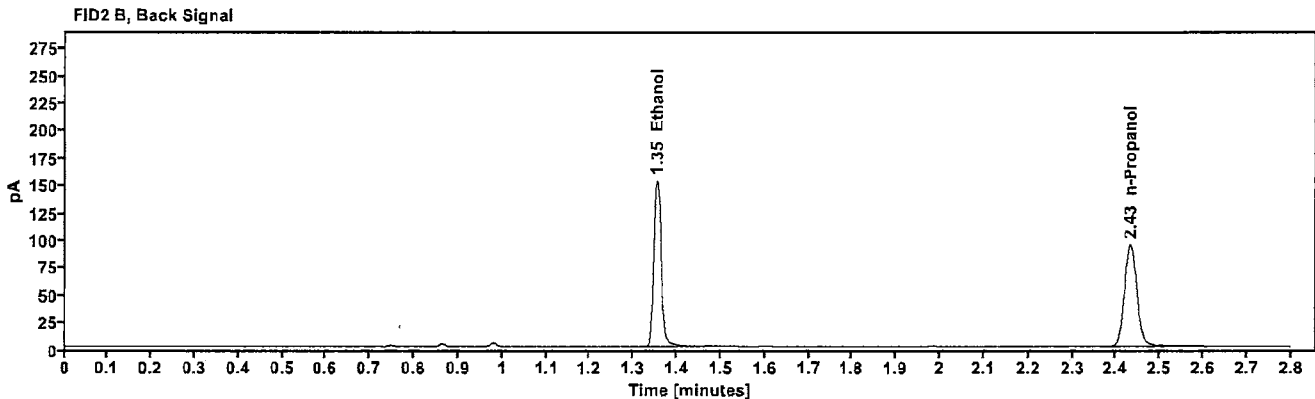
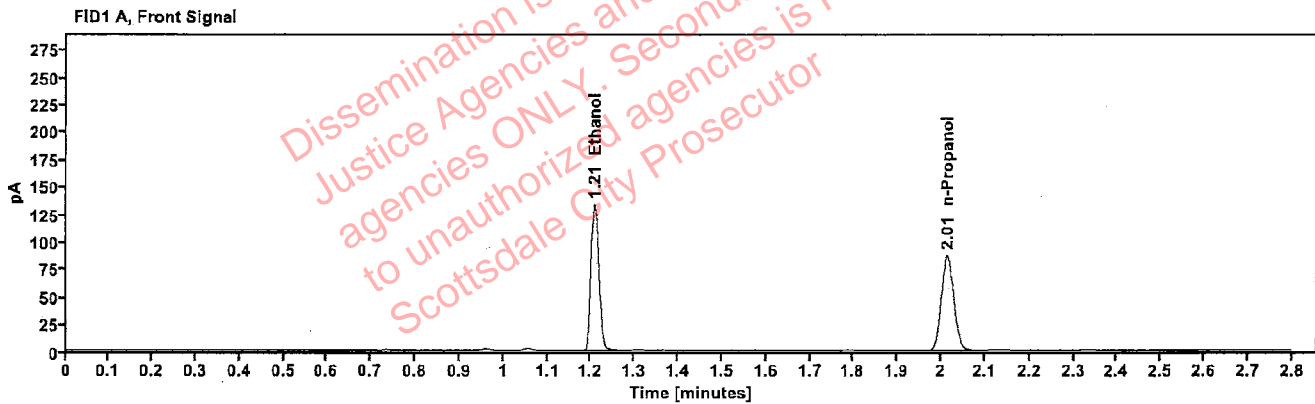


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2716	1.208	167.809
n-Propanol	---	2.014	172.810

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

Compound	Time (min)	Peak Area
Ethanol	1.354	184.292
n-Propanol	2.432	186.994

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	35301AB	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:17:23 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\27.D	Analyst:	Brooke

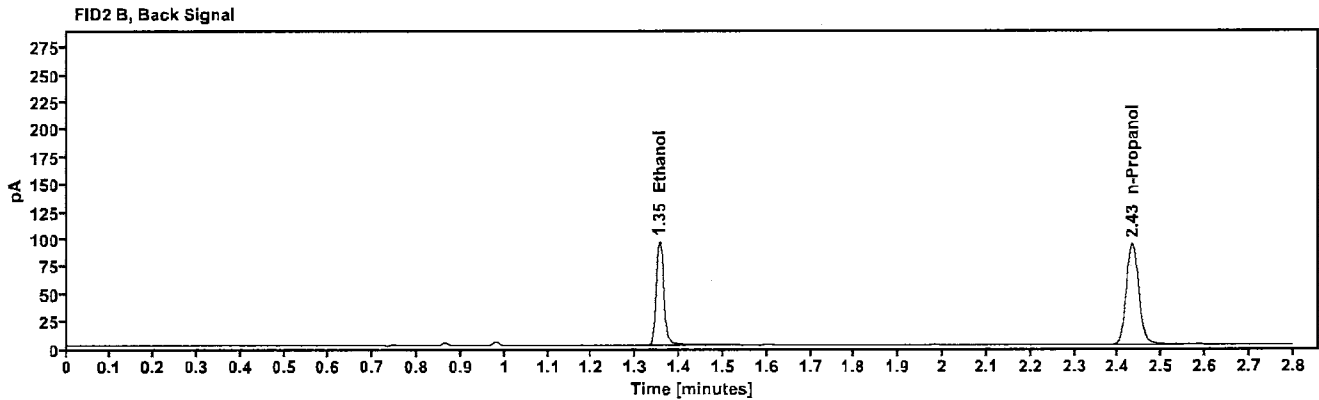
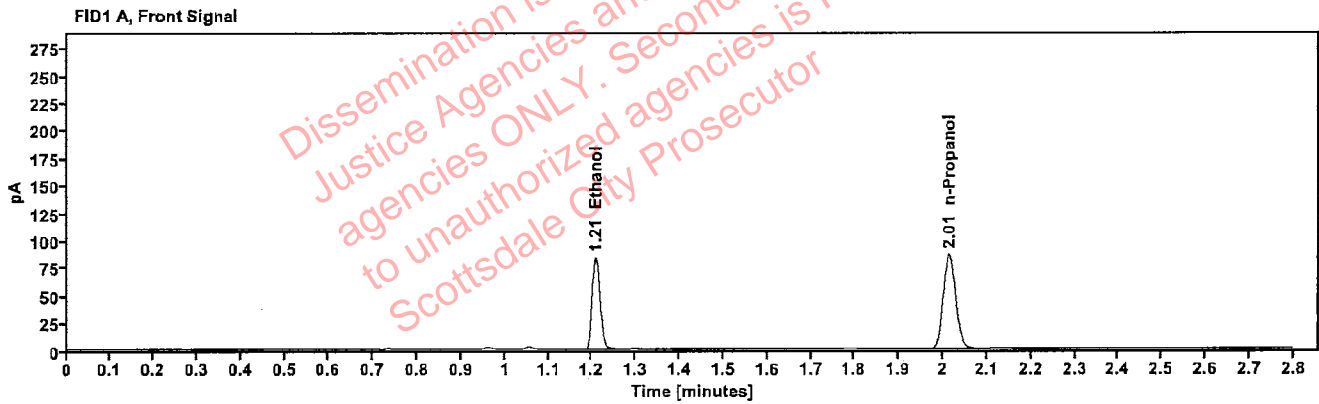


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1726	1.208	105.365
n-Propanol	---	2.014	171.250

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

Compound	Time (min)	Peak Area
Ethanol	1.354	115.475
n-Propanol	2.433	185.622

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	35301AB	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:21:22 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\28.D	Analyst:	Brooke

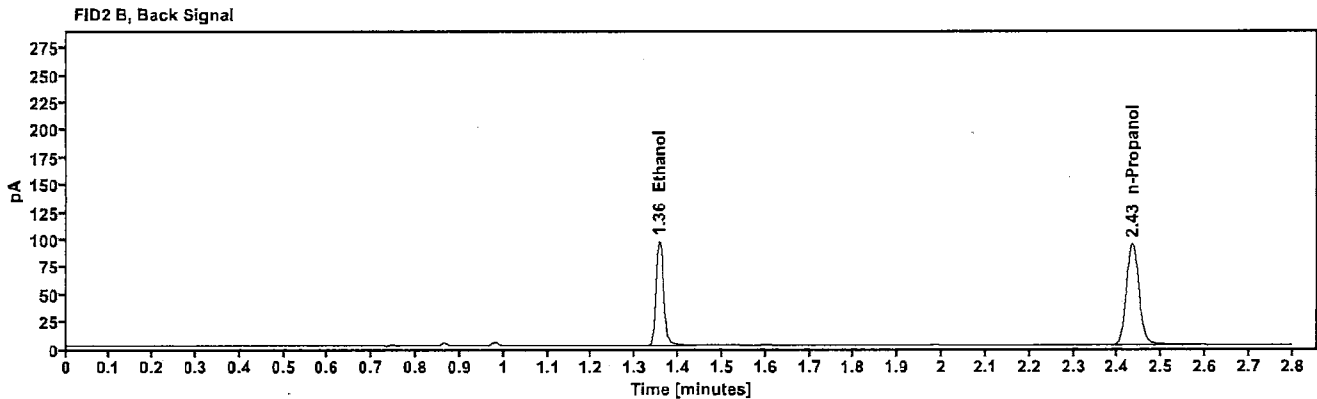
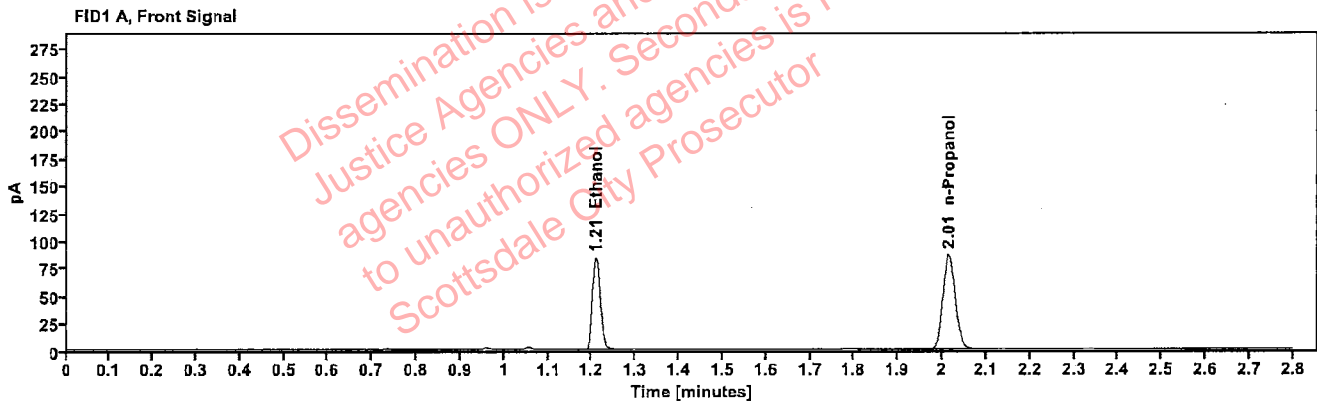


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1732	1.209	106.245
n-Propanol	-----	2.015	172.134

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

Compound	Time (min)	Peak Area
Ethanol	1.356	115.906
n-Propanol	2.434	186.423

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	18301RC	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:25:22 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\29.D	Analyst:	Brooke

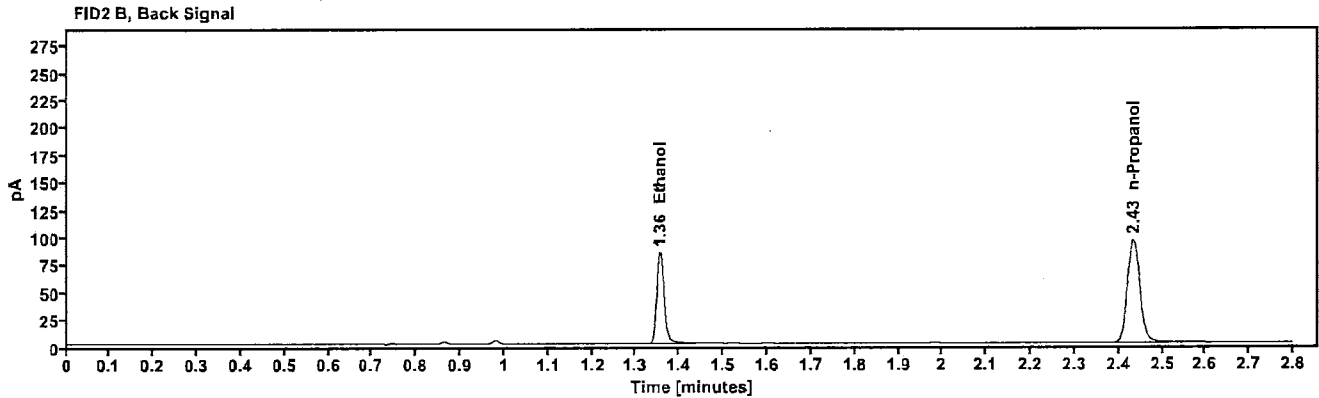
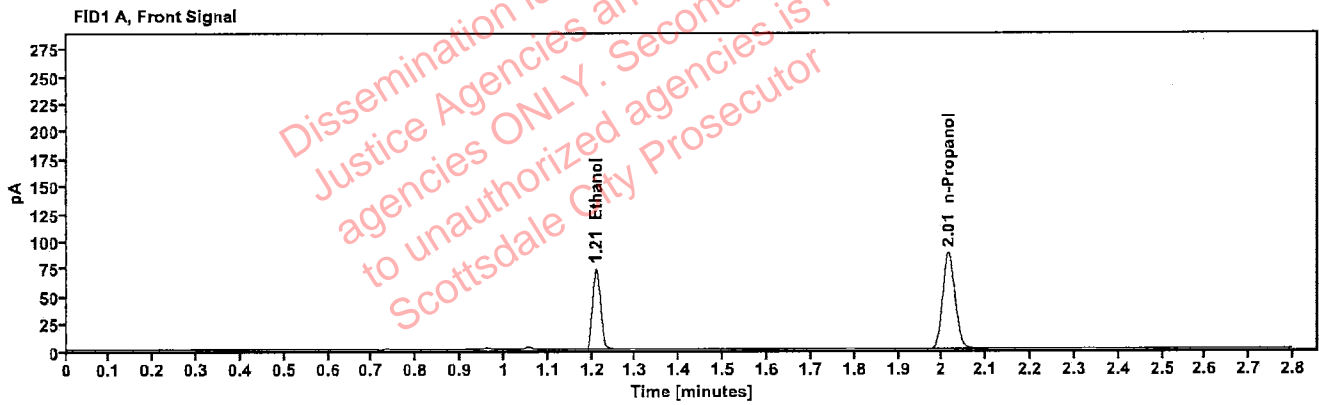


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1496	1.209	92.673
n-Propanol	---	2.015	174.013

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

Compound	Time (min)	Peak Area
Ethanol	1.356	100.860
n-Propanol	2.433	188.281

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	18301RC	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:29:22 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\30.D	Analyst:	Brooke

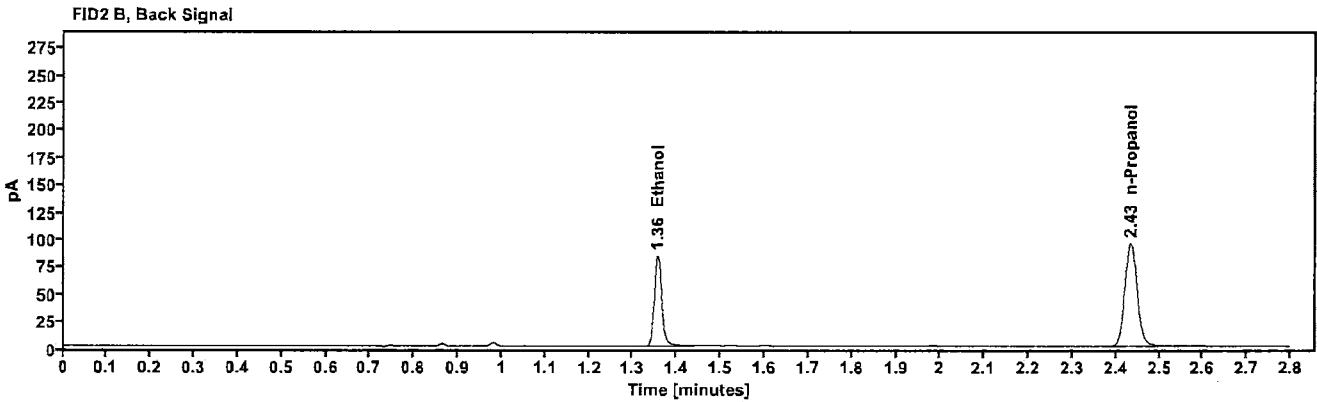
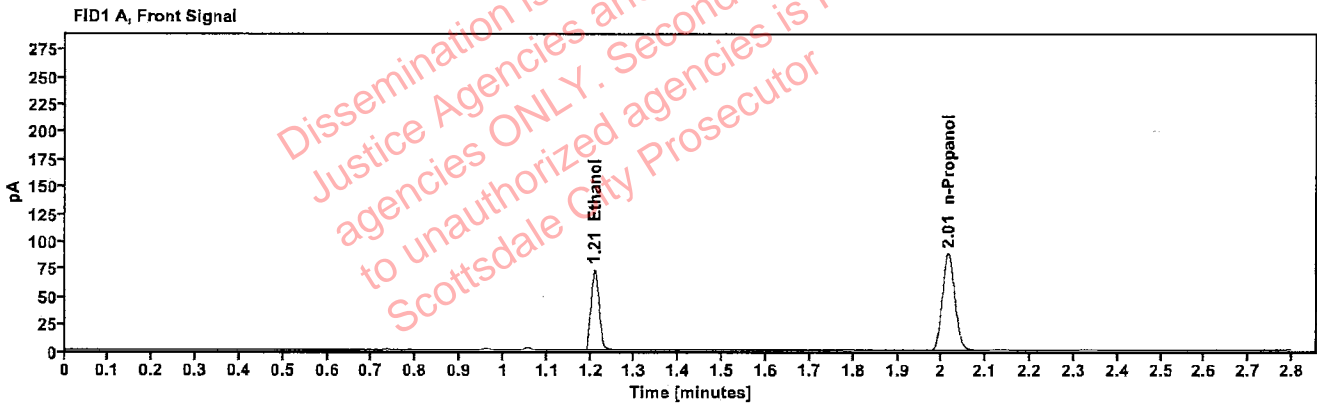


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1480	1.209	92.278
n-Propanol	—	2.015	175.205

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

Compound	Time (min)	Peak Area
Ethanol	1.356	100.618
n-Propanol	2.434	189.499

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221112-3	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:37:38 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\32.D	Analyst:	Brooke

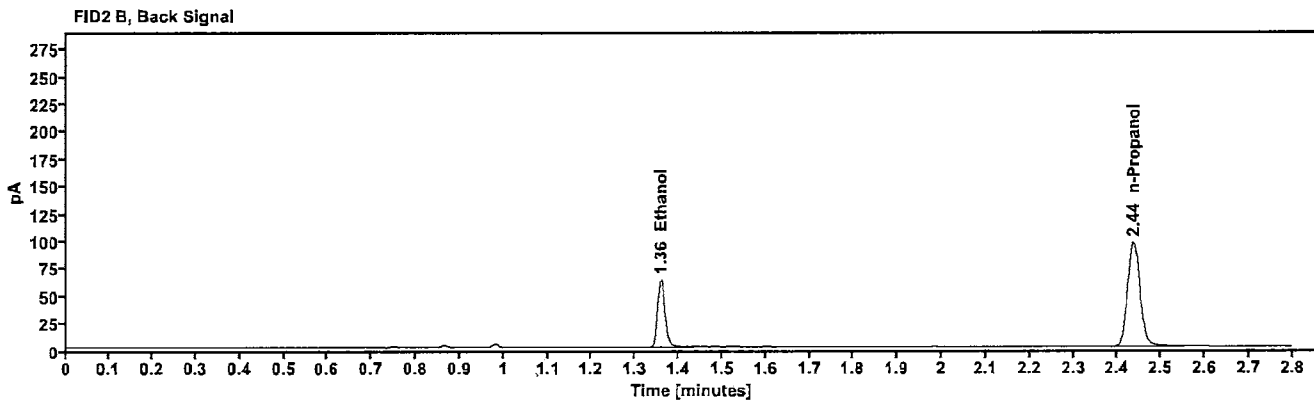
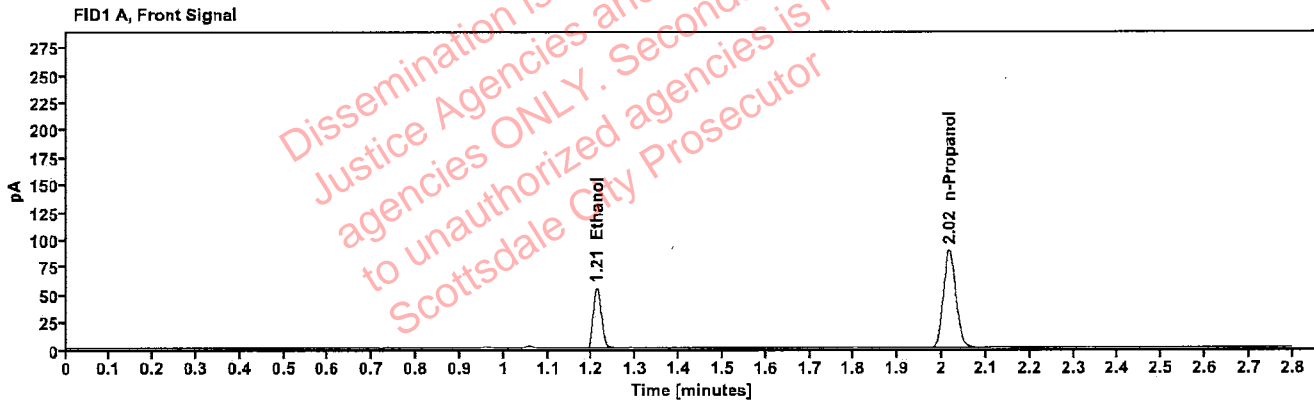


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1108	1.211	69.644
n-Propanol	—	2.016	177.300

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

Compound	Time (min)	Peak Area
Ethanol	1.359	75.515
n-Propanol	2.436	191.622

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221112-3	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:41:37 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\33.D	Analyst:	Brooke

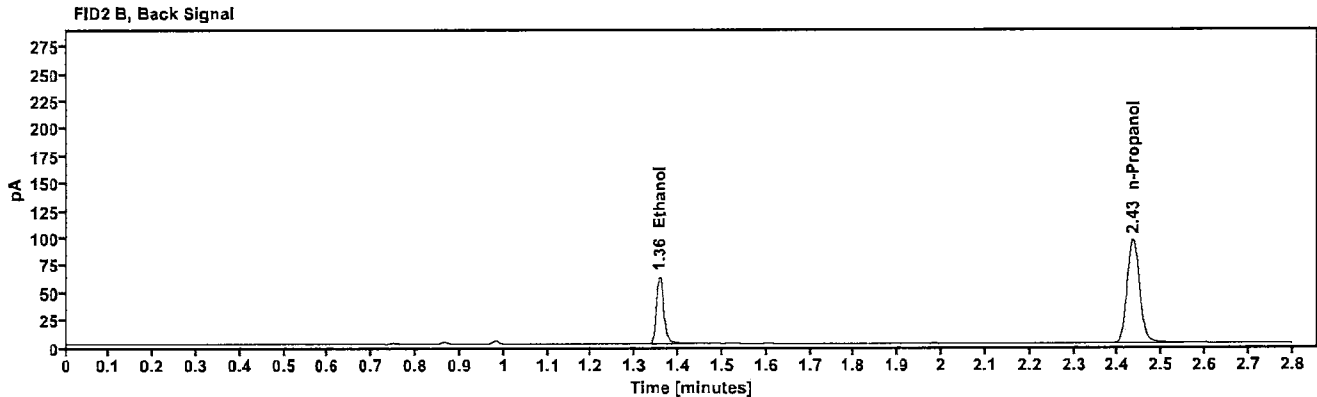
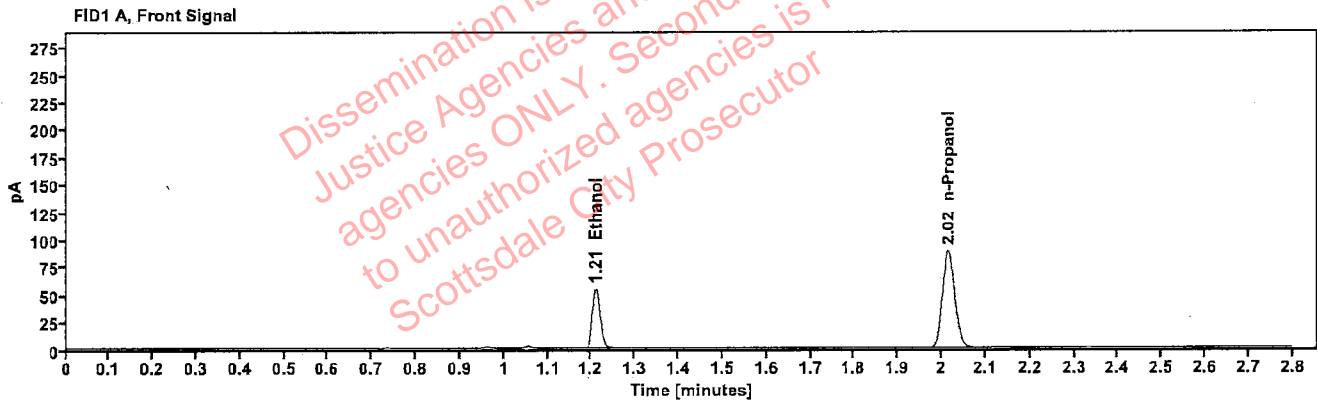


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1104	1.210	68.973
n-Propanol	-----	2.015	176.225

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

Compound	Time (min)	Peak Area
Ethanol	1.357	74.699
n-Propanol	2.435	190.438

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221298-1	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:45:37 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\34.D	Analyst:	Brooke

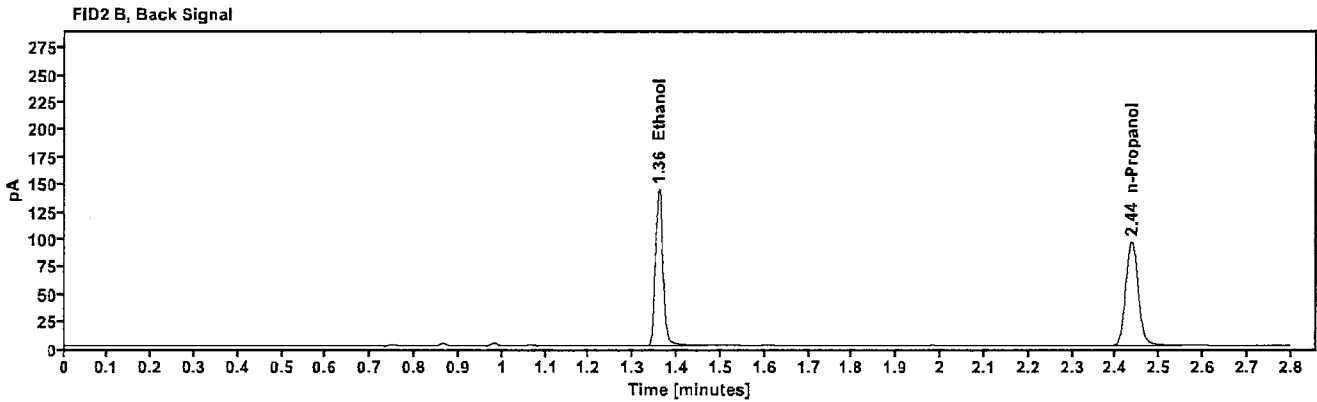
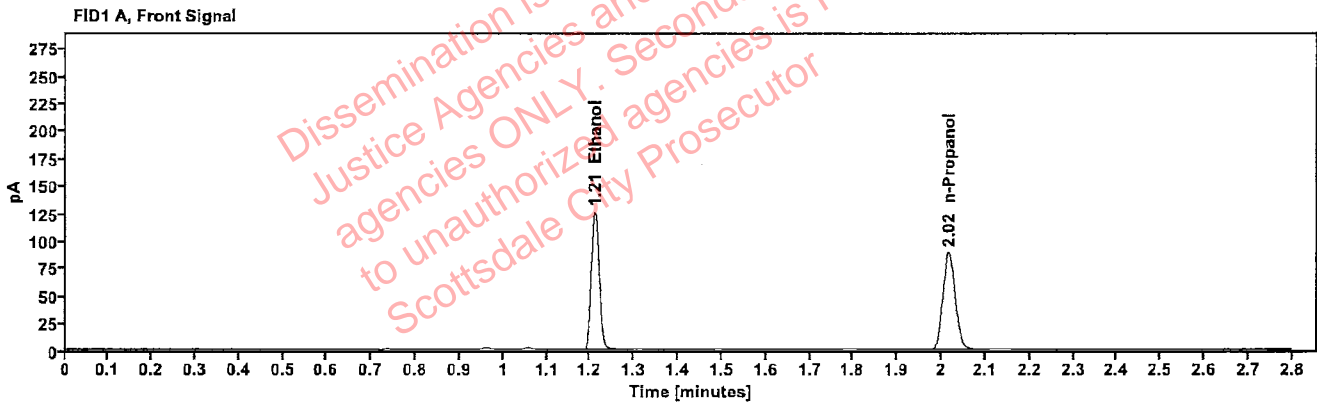


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2527	1.210	159.482
n-Propanol	-----	2.016	176.600

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

Compound	Time (min)	Peak Area
Ethanol	1.358	174.614
n-Propanol	2.436	190.435

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221298-1	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:49:38 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\35.D	Analyst:	Brooke

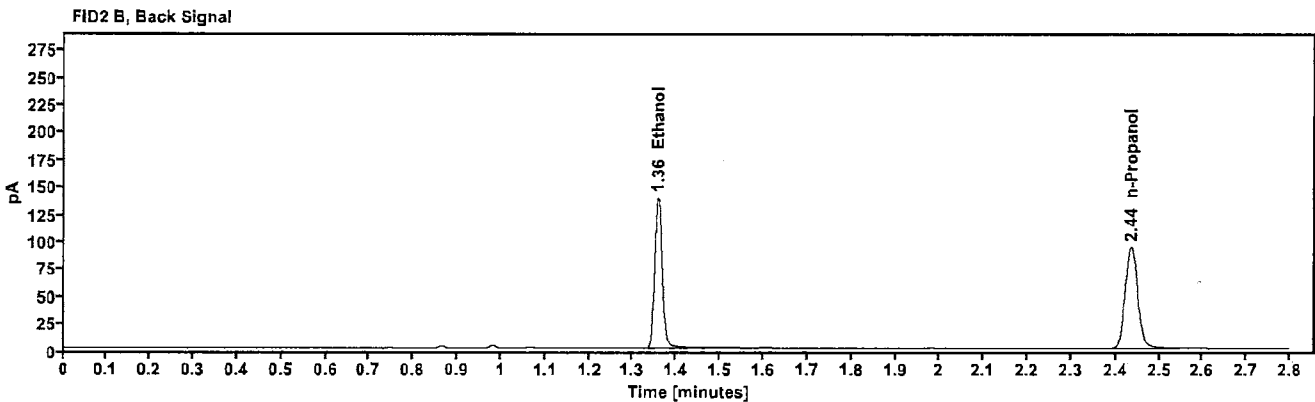
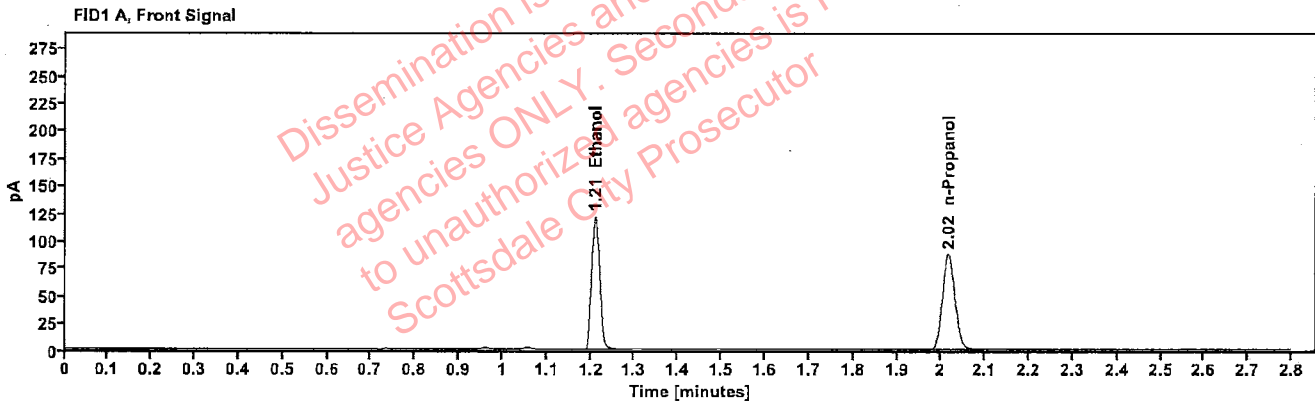


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2489	1.210	153.954
n-Propanol	---	2.016	173.099

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

Compound	Time (min)	Peak Area
Ethanol	1.357	168.766
n-Propanol	2.436	186.692

[REDACTED]: Brooke, Phillip - (16-Nov-2022)

Case: [REDACTED] User: pbrooke 11/16/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221456-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:53:37 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\36.D	Analyst:	Brooke

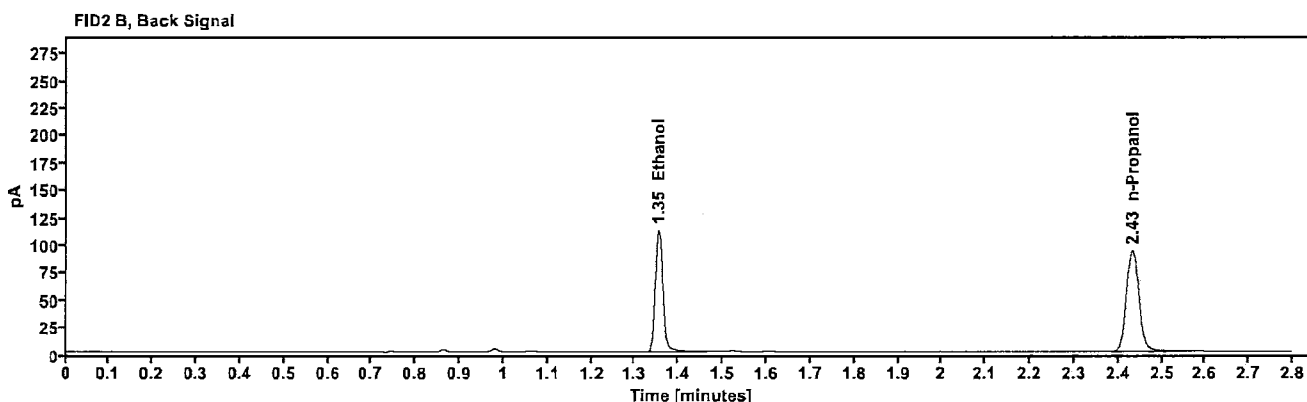
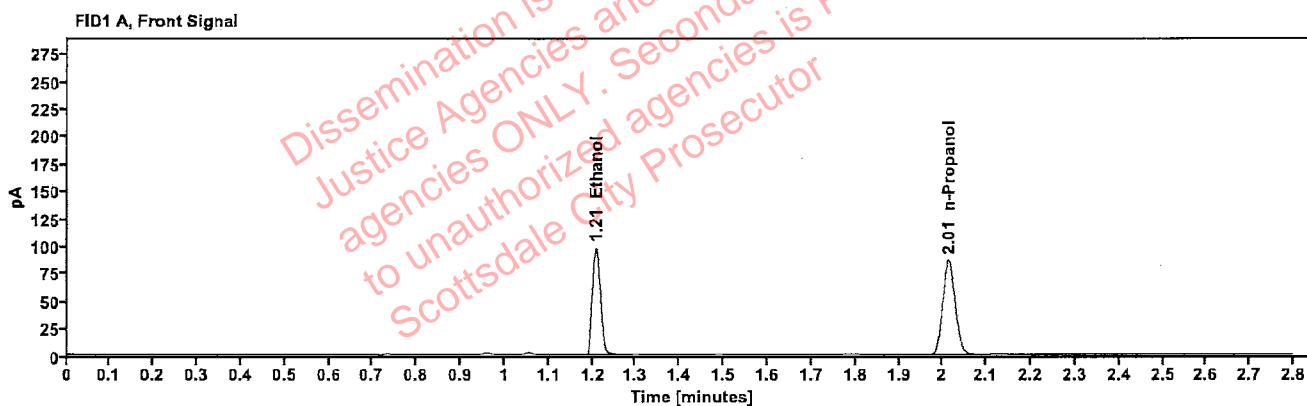


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2018	1.208	123.587
n-Propanol	---	2.014	171.613

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

Compound	Time (min)	Peak Area
Ethanol	1.354	135.455
n-Propanol	2.432	184.960

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221456-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 1:57:53 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\37.D	Analyst:	Brooke

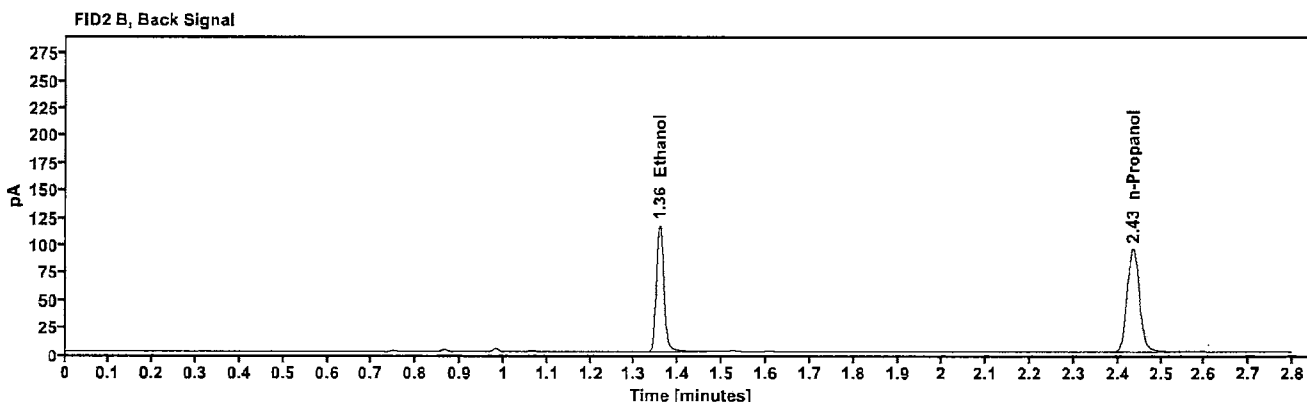
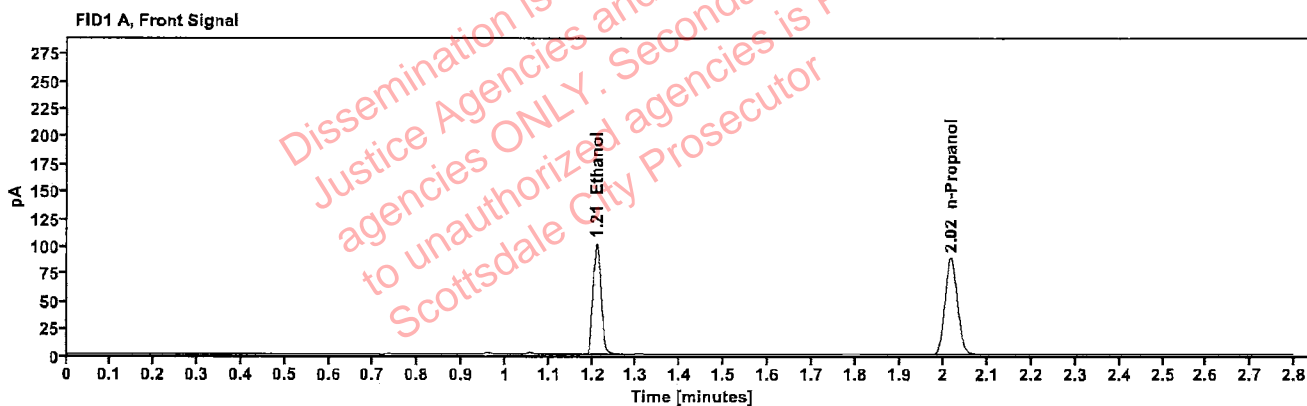


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2059	1.210	129.048
n-Propanol	---	2.015	175.608

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

Compound	Time (min)	Peak Area
Ethanol	1.357	141.166
n-Propanol	2.435	189.288

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1409140	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 2:01:53 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\38.D	Analyst:	Brooke

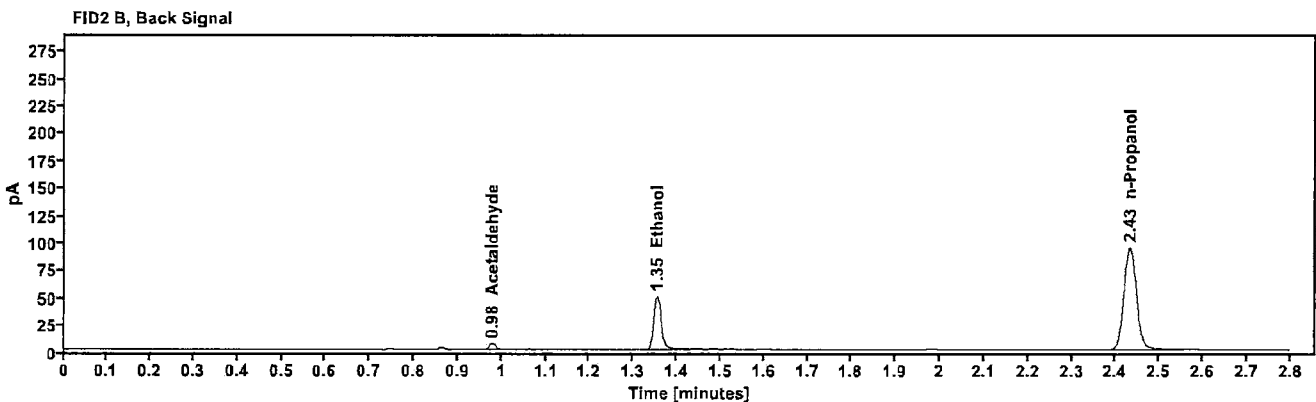
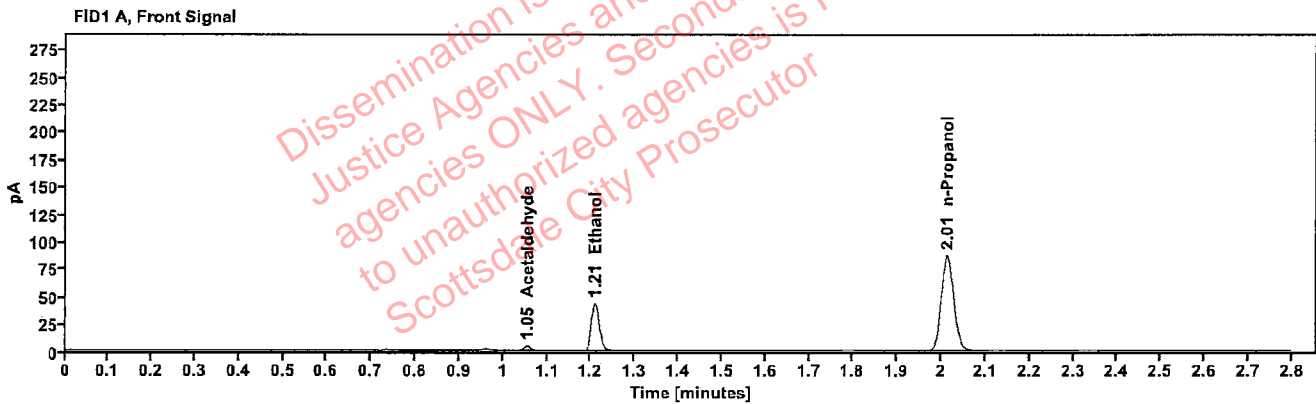


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.054	4.659
>Ethanol	0.0897	1.209	54.906
n-Propanol	-----	2.013	173.255

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	5.260
Ethanol	1.354	59.460
n-Propanol	2.432	187.905

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1409140	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 2:05:52 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\39.D	Analyst:	Brooke

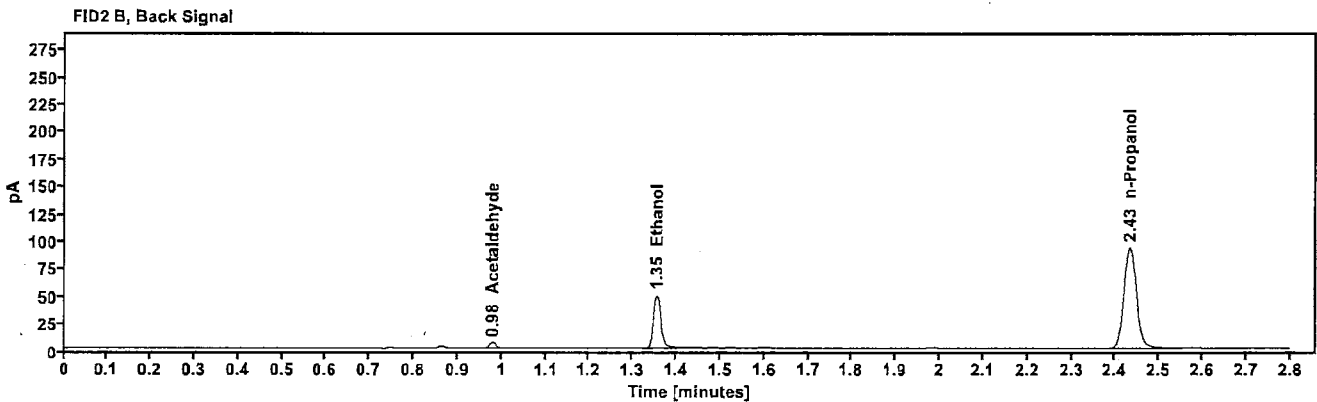
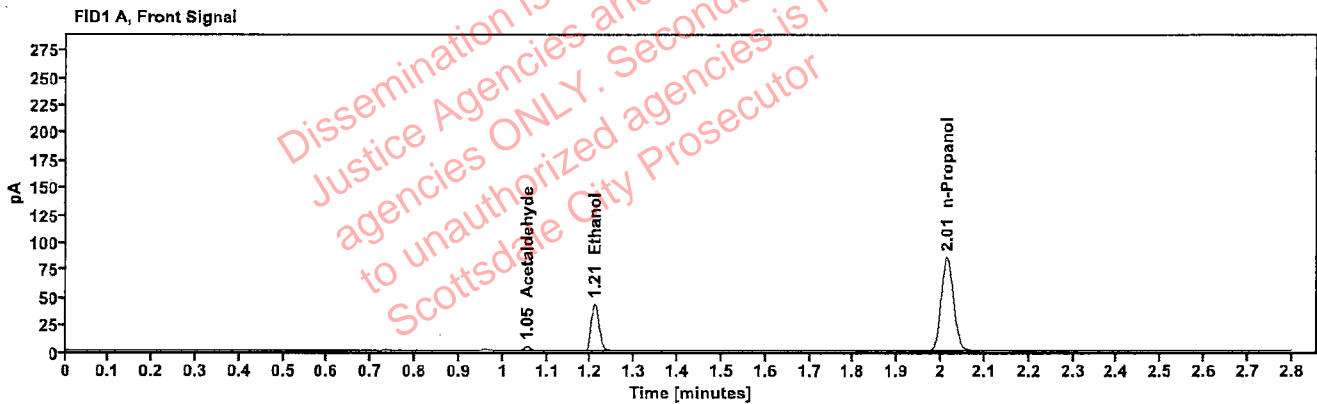


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.054	4.475
>Ethanol	0.0903	1.209	54.527
n-Propanol	-----	2.014	170.845

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.979	5.071
Ethanol	1.355	59.118
n-Propanol	2.433	185.298

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221561-3	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 2:09:52 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\40.D	Analyst:	Brooke

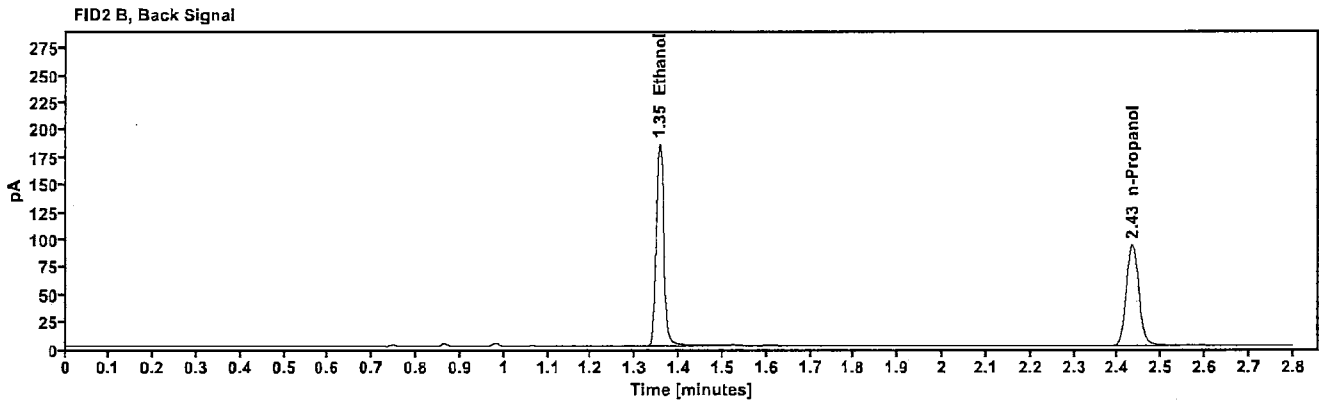
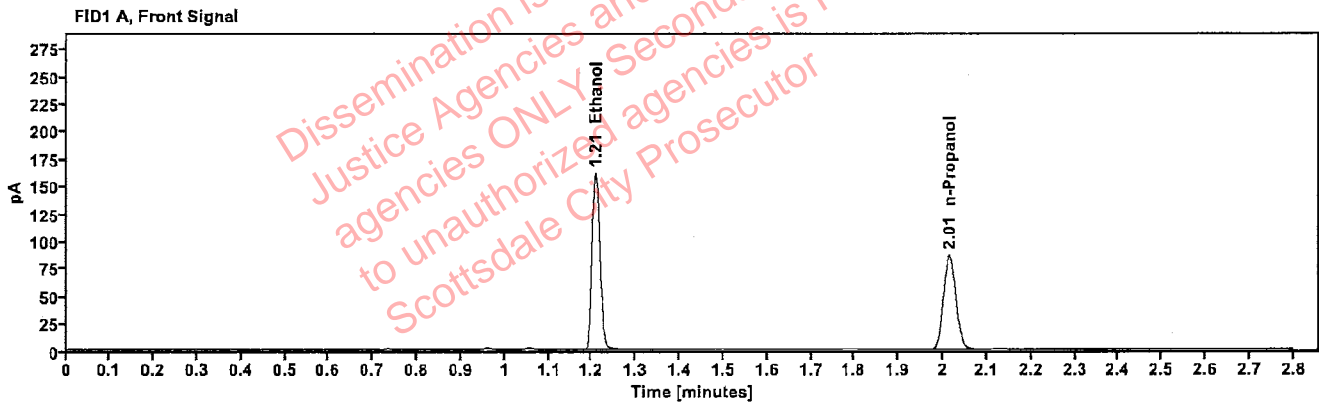


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3318	1.208	203.247
n-Propanol	-----	2.014	171.148

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

Compound	Time (min)	Peak Area
Ethanol	1.355	222.842
n-Propanol	2.433	184.878

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2221561-3	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Nov22
Instrument:	US14173023 CN14160045	Injection date:	11/15/2022 2:13:53 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\15Nov22\41.D	Analyst:	Brooke

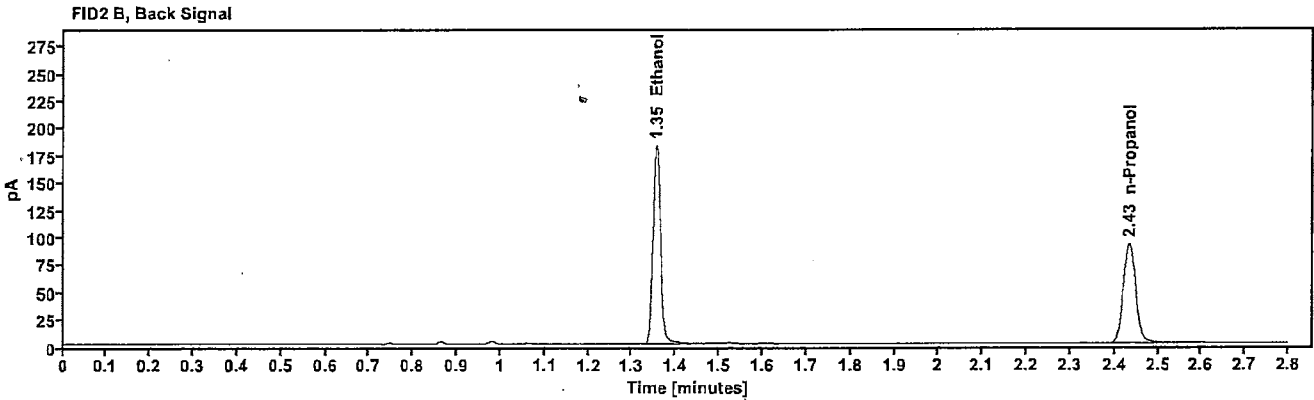
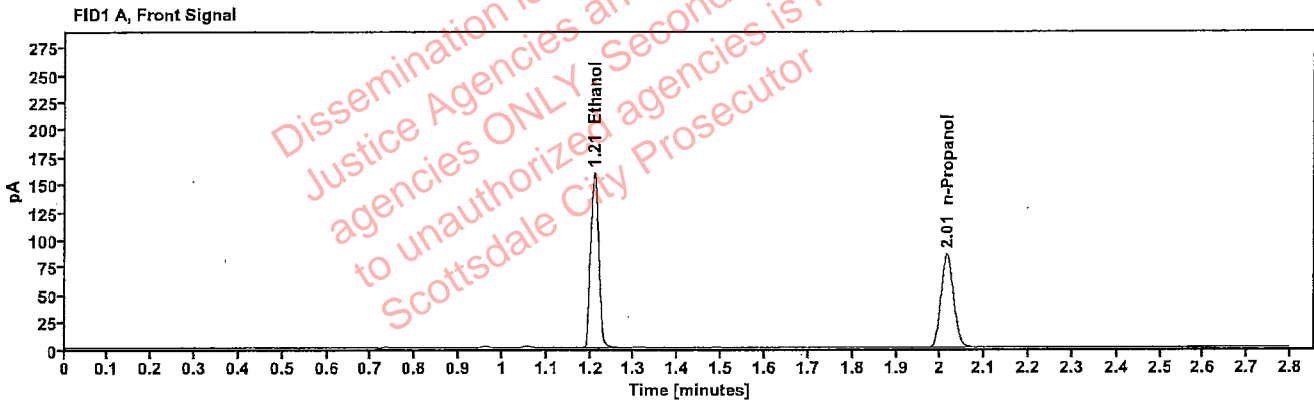


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3310	1.208	200.776
n-Propanol	---	2.014	169.443

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

Compound	Time (min)	Peak Area
Ethanol	1.355	220.138
n-Propanol	2.433	183.071