

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 10/25/2022 SEQUENCE NAME 25Oct22

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 0.99998
 Vial 3 0.20 calibrator Lot FN02052101
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 100722AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.400 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	0.199 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	0.400 g/dL	Lipomed 11092018-A
43	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.201 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 Run invalid Erika Canonico Analyst
 Run valid Run invalid Philip Brook Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

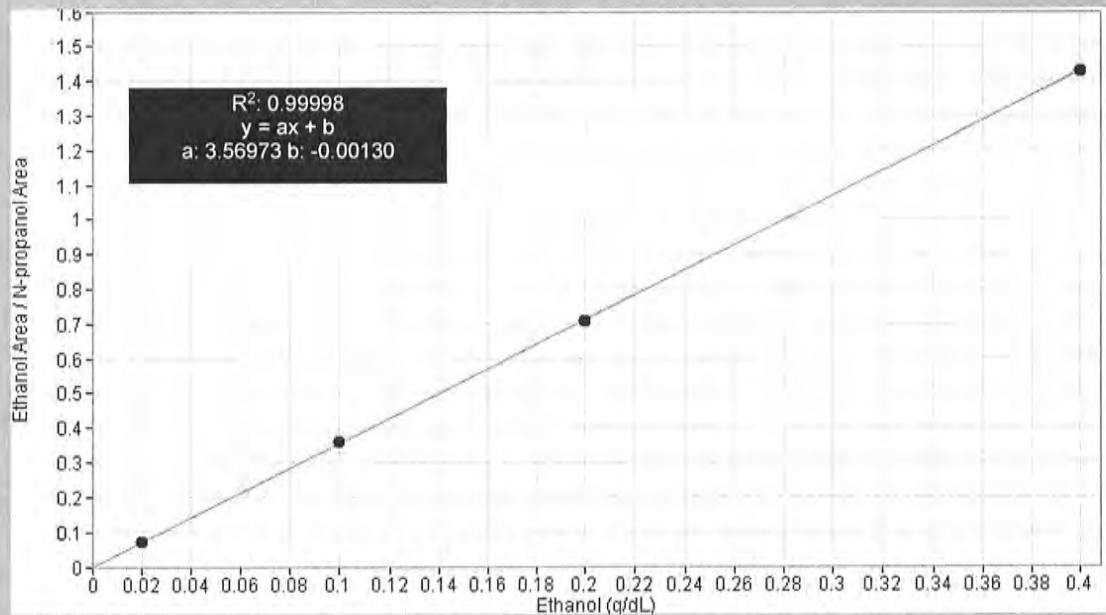
SEQUENCE NAME: 25Oct22

ANALYST: Canonico ee

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 100722AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.400	0.400	0.00	0.000
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/8	9	0.199	0.199	0.00	0.000
0.080 20012020-B	20	0.083	0.080	3.75	0.003
0.080 20012020-B	31	0.080	0.080	0.00	0.000
0.400 11092018-A	42	0.400	0.400	0.00	0.000
0.040 14082019-B	43	0.040	0.040	0.00	0.000
0.199 4110320133/8	44	0.201	0.199	1.01	0.002
blank 101921WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.448	165.524	0.069
0.100	60.091	167.408	0.359
0.200	117.013	164.921	0.710
0.400	238.284	166.937	1.427

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN10051909	Vial:	1
Description:	0.020 callibrator	Sequence:	25Oct22
Method:	ethanol quant.M	Injection date:	10/25/2022 10:44:52 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ee
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\1.D		

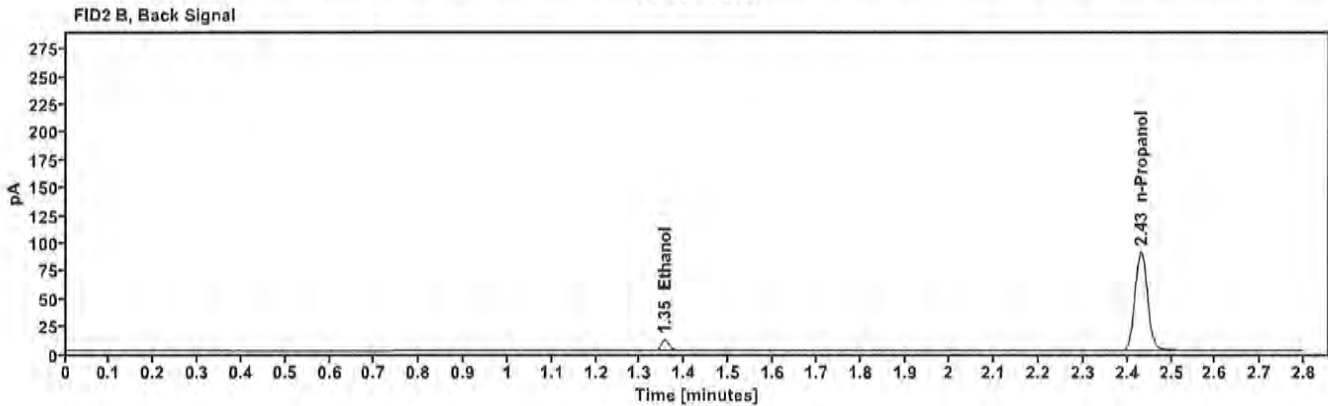
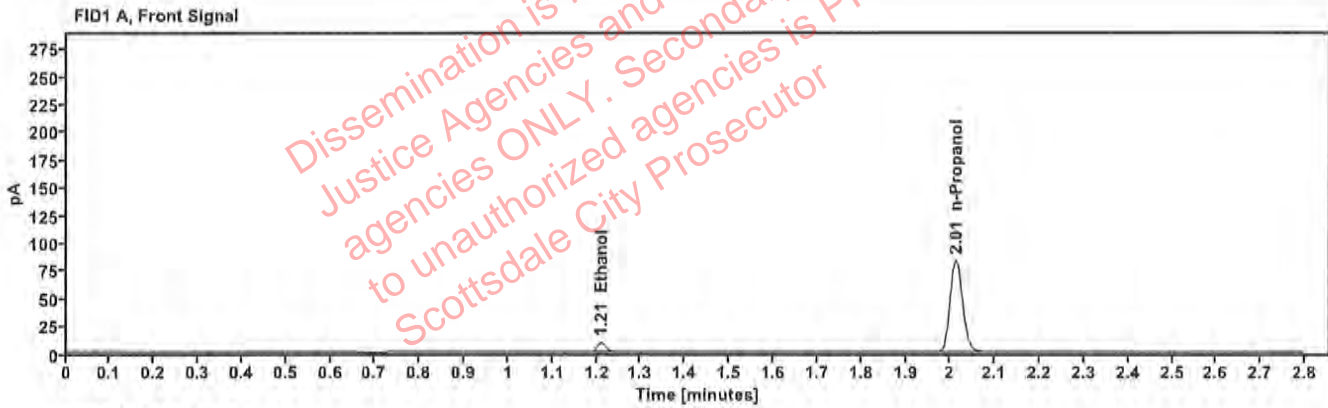


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	11.448
n-Propanol	2.013	165.524

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

Compound	Time (min)	Peak Area
Ethanol	1.355	12.303
n-Propanol	2.431	178.348

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 25Oct22
Method: ethanol quant.M	Injection date: 10/25/2022 10:48:52 AM
Instrument: US14173023 CN14160045	Analyst: Canonico ec
Data file: C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\2.D	

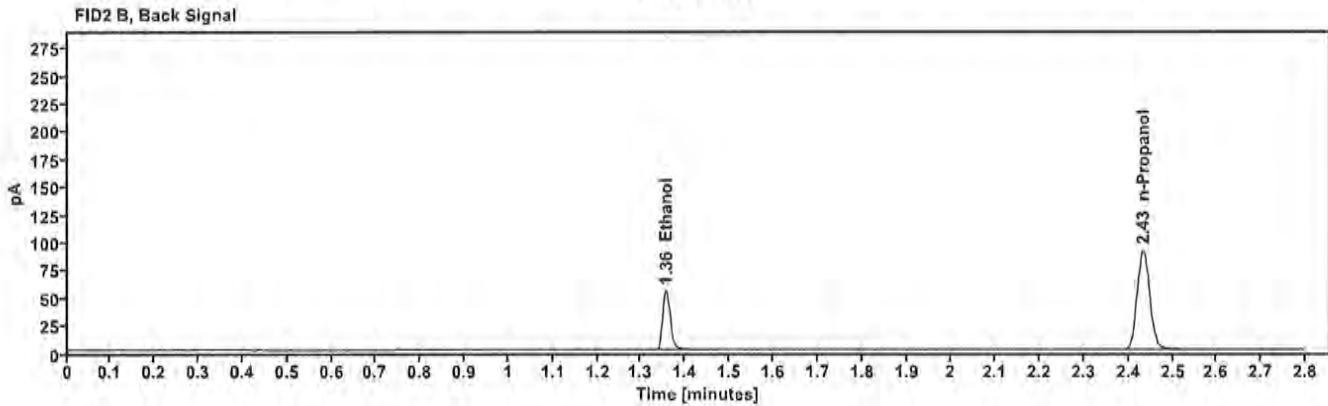
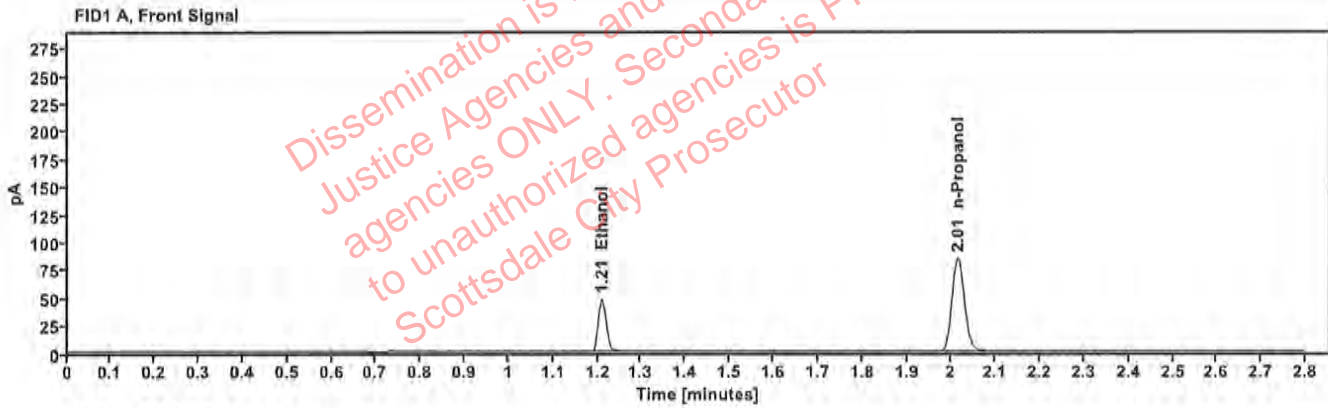


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	60.091
n-Propanol	2.014	167.408

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

Compound	Time (min)	Peak Area
Ethanol	1.356	65.301
n-Propanol	2.433	180.389

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN02052101	Vial:	3
Description:	0.200 calibrator	Sequence:	25Oct22
Method:	ethanol quant.M	Injection date:	10/25/2022 10:52:52 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ee
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\3.D		

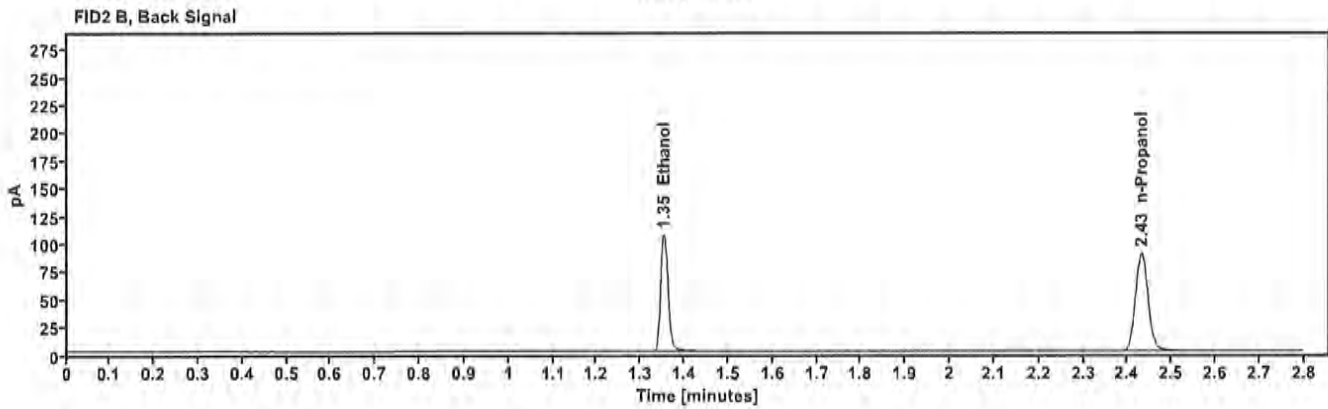
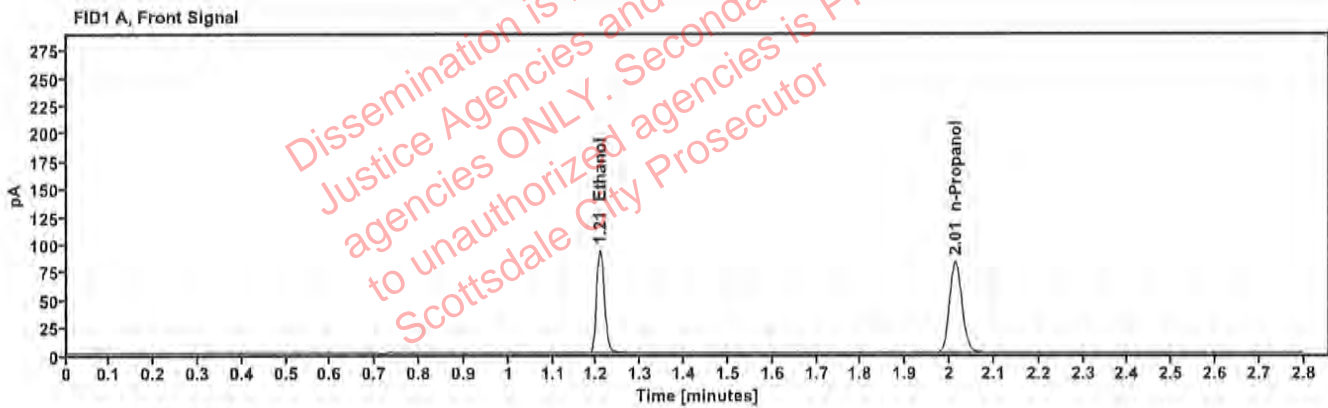


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	117.013
n-Propanol	2.013	164.921

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

Compound	Time (min)	Peak Area
Ethanol	1.353	127.922
n-Propanol	2.431	177.599

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 25Oct22
Method: ethanol quant.M	Injection date: 10/25/2022 10:56:52 AM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\4.D	

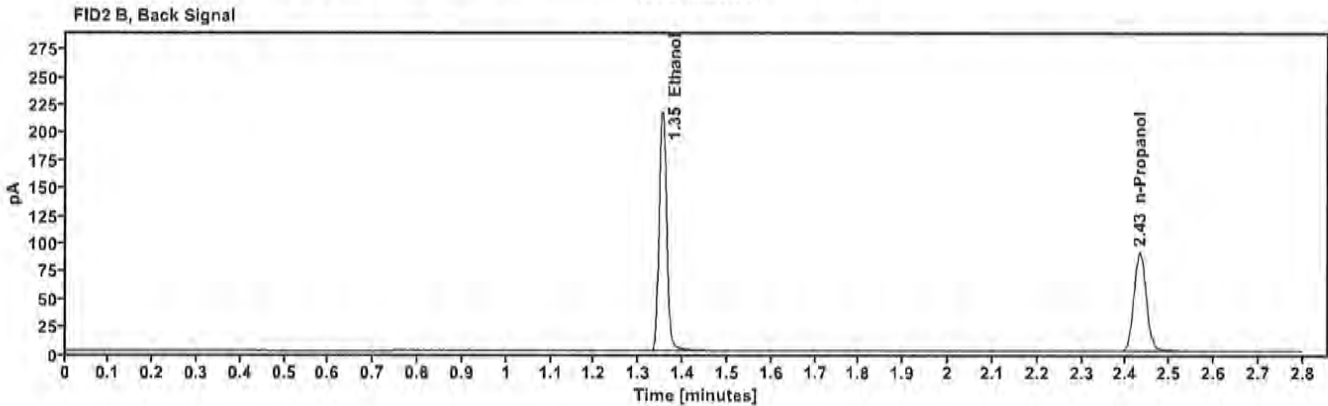
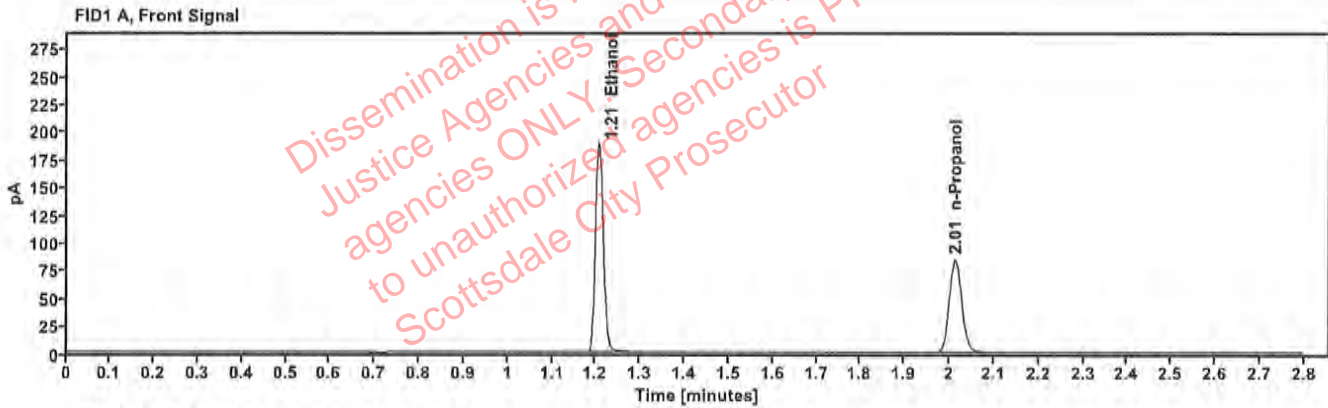


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	238.284
n-Propanol	2.013	166.937

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

Compound	Time (min)	Peak Area
Ethanol	1.353	261.486
n-Propanol	2.431	179.837

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 100722AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 25Oct22
Instrument: US14173023 CN14160045	Injection date: 10/25/2022 11:00:52 AM
Data file: C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\5.D	Analyst: Canonico <i>ee</i>

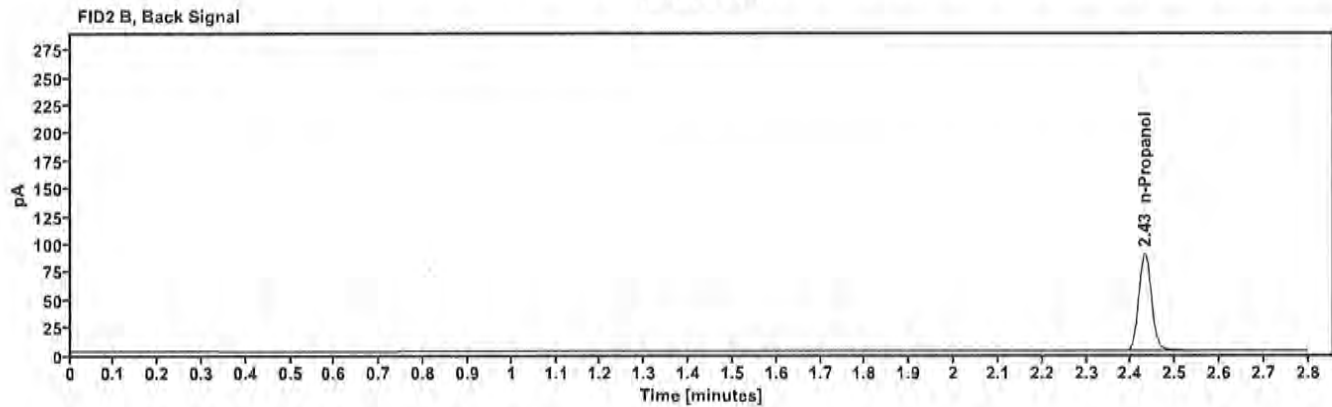
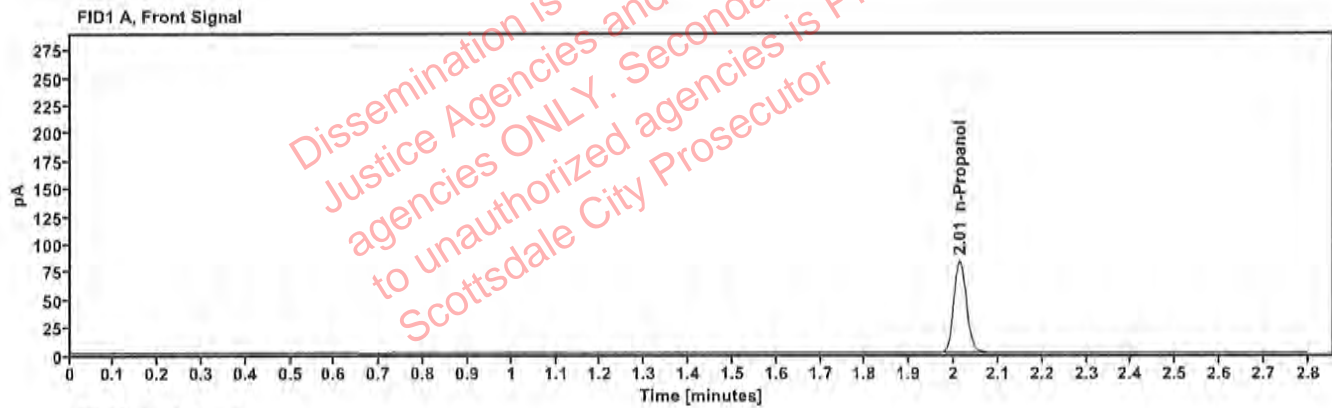


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.013	164.945

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

Compound	Time (min)	Peak Area
n-Propanol	2.431	177.984

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 11:04:52 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\6.D	Analyst:	Canonico <i>ec</i>

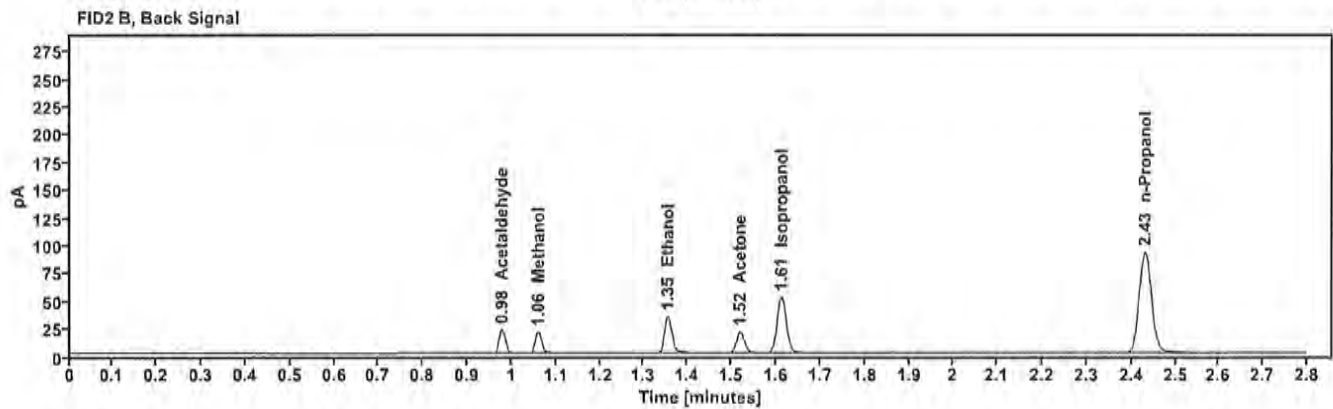
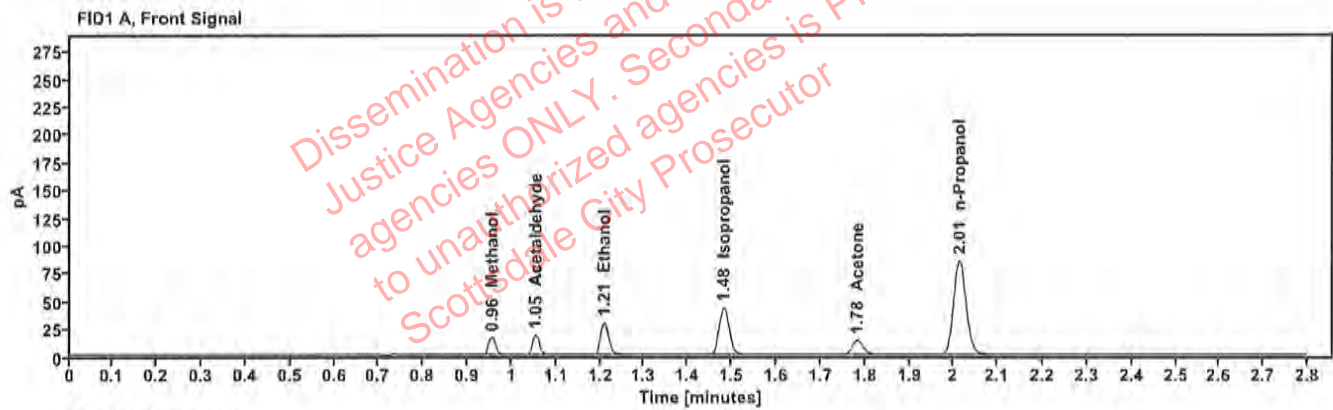


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	---	0.956	18.144
Acetaldehyde	---	1.054	19.429
>Ethanol	0.0625	1.209	37.585
Isopropanol	---	1.482	68.327
Acetone	---	1.783	22.603
n-Propanol	---	2.013	169.584

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	21.753
Methanol	1.060	19.845
Ethanol	1.354	40.699
Acetone	1.519	24.744
Isopropanol	1.612	75.519
n-Propanol	2.431	182.842

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 25Oct22
Instrument: US14173023 CN14160045	Injection date: 10/25/2022 11:09:07 AM
Data file: C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\7.D	Analyst: Canonico <i>EC</i>

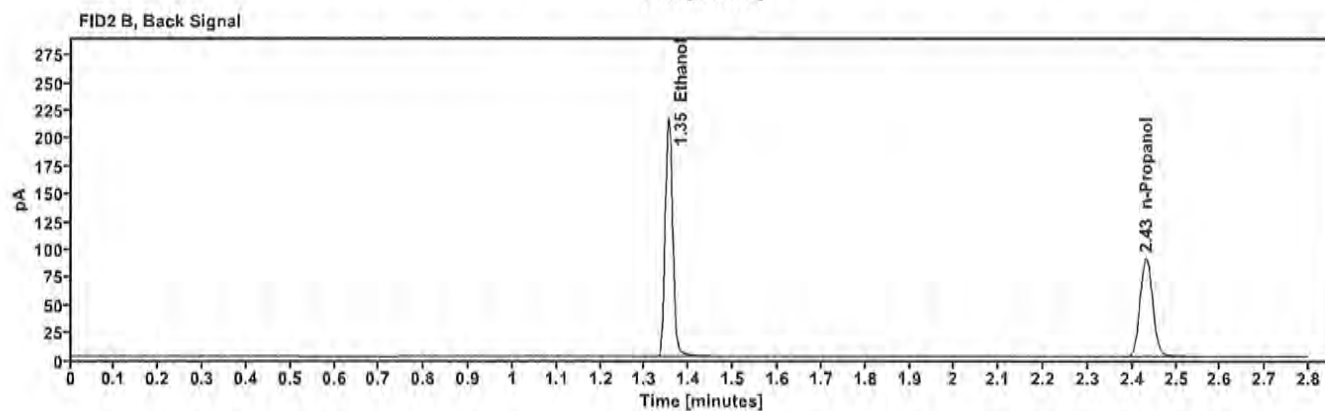
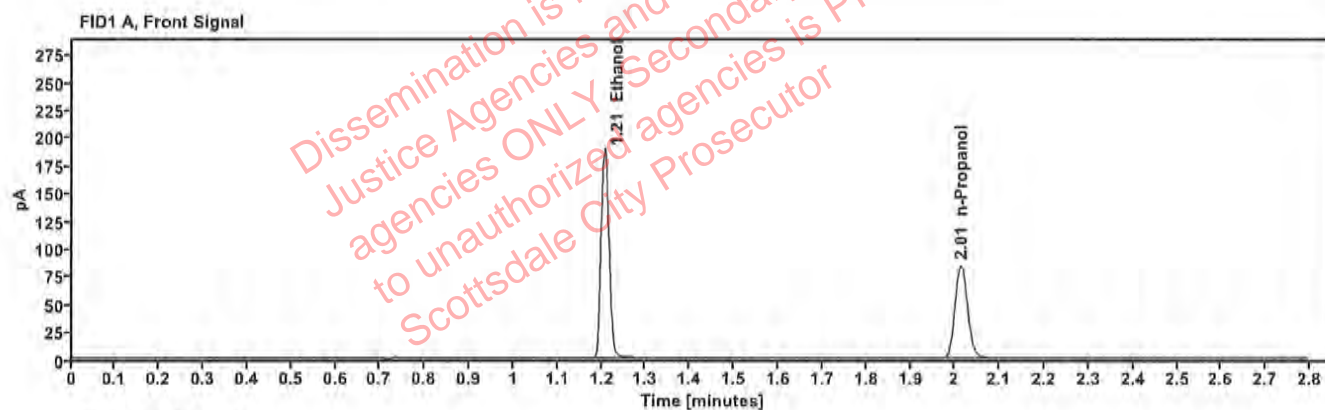


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4007	1.207	237.952
n-Propanol	—	2.013	166.524

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

Compound	Time (min)	Peak Area
Ethanol	1.353	261.226
n-Propanol	2.431	179.692

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 25Oct22
Instrument: US14173023 CN14160045	Injection date: 10/25/2022 11:13:07 AM
Data file: C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\8.D	Analyst: Canonico <i>ec</i>

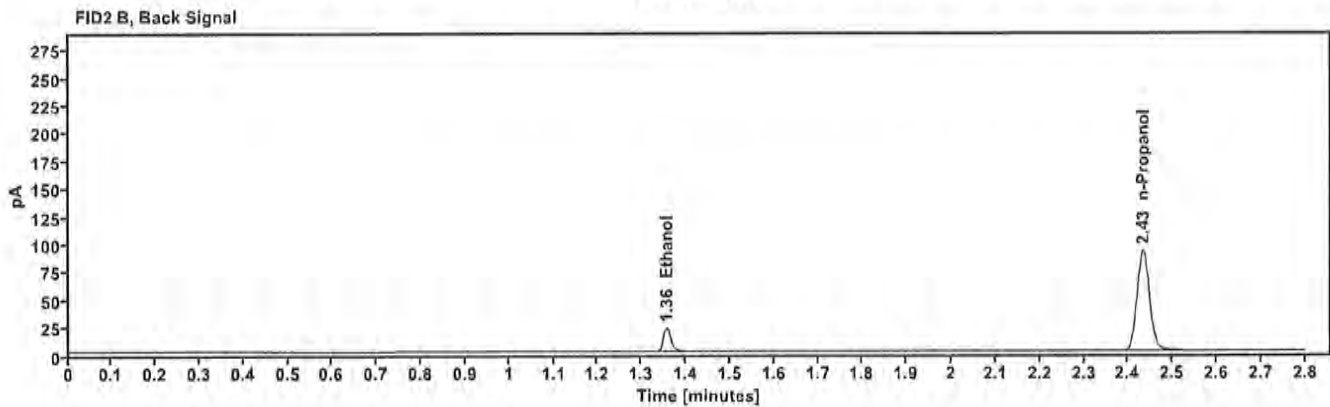
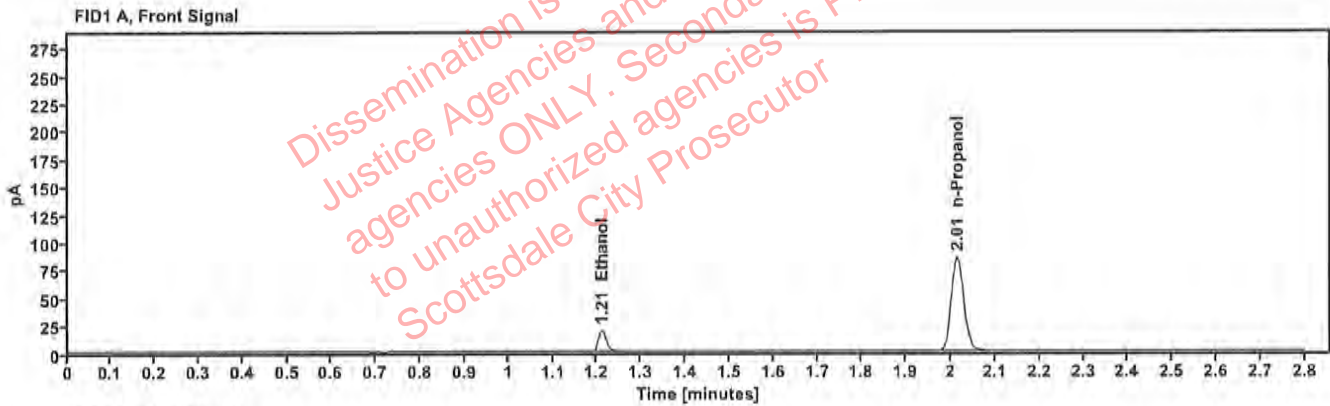


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.210	24.341
n-Propanol	-----	2.014	168.738

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

Compound	Time (min)	Peak Area
Ethanol	1.356	26.298
n-Propanol	2.433	182.011

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/8	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 25Oct22
Instrument: US14173023 CN14160045	Injection date: 10/25/2022 11:17:07 AM
Data file: C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\9.D	Analyst: Canonico <i>ec</i>

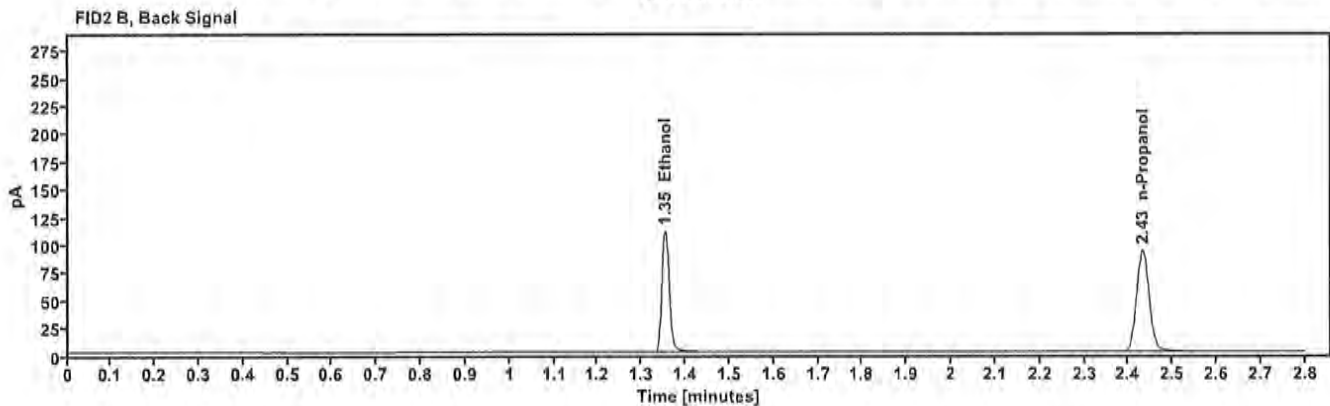
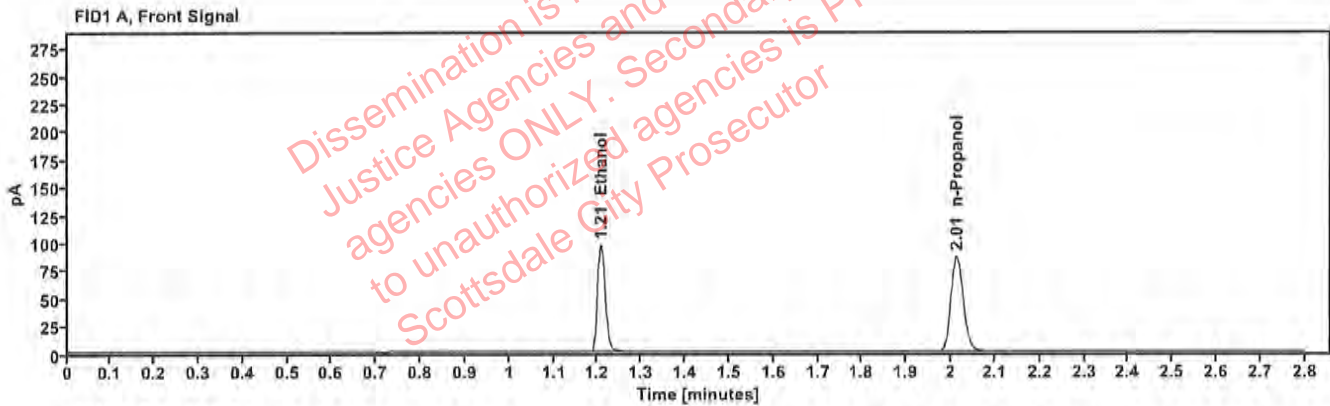


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1999	1.208	121.664
n-Propanol	---	2.013	170.773

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

Compound	Time (min)	Peak Area
Ethanol	1.353	133.433
n-Propanol	2.431	184.498

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 25Oct22
Instrument: US14173023 CN14160045	Injection date: 10/25/2022 12:01:37 PM
Data file: C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\20.D	Analyst: Canonico <i>CC</i>

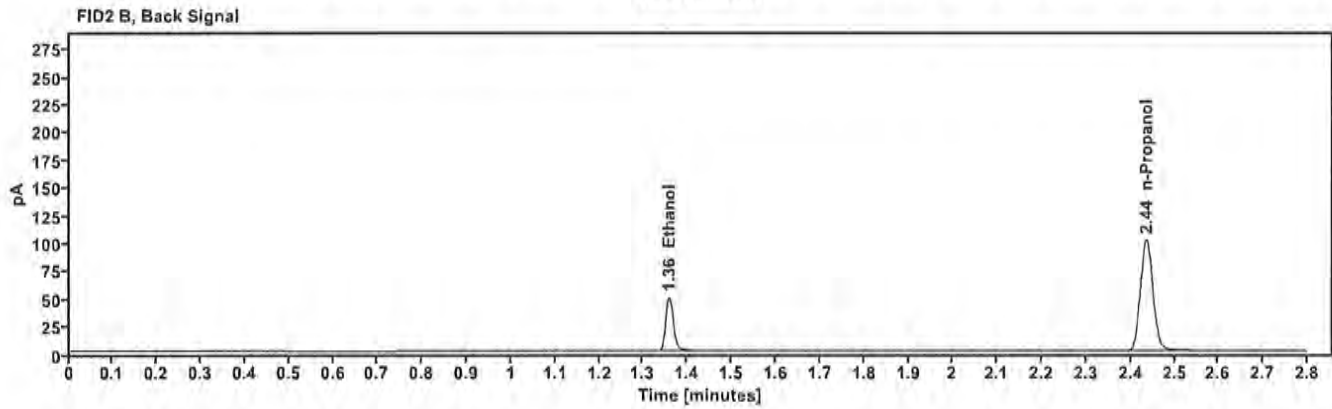
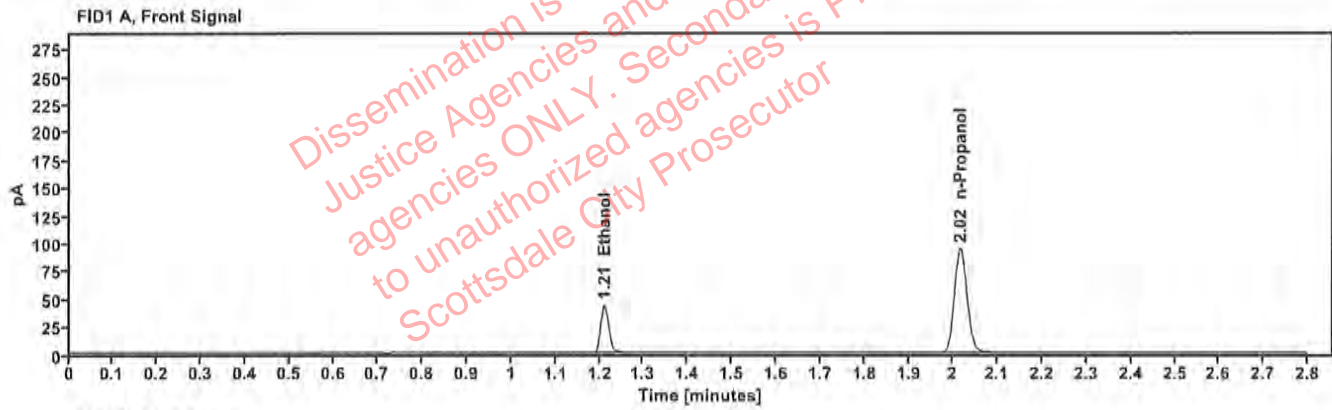


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0830	1.211	55.150
n-Propanol	---	2.016	186.904

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

Compound	Time (min)	Peak Area
Ethanol	1.358	59.991
n-Propanol	2.435	201.782

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:46:08 PM
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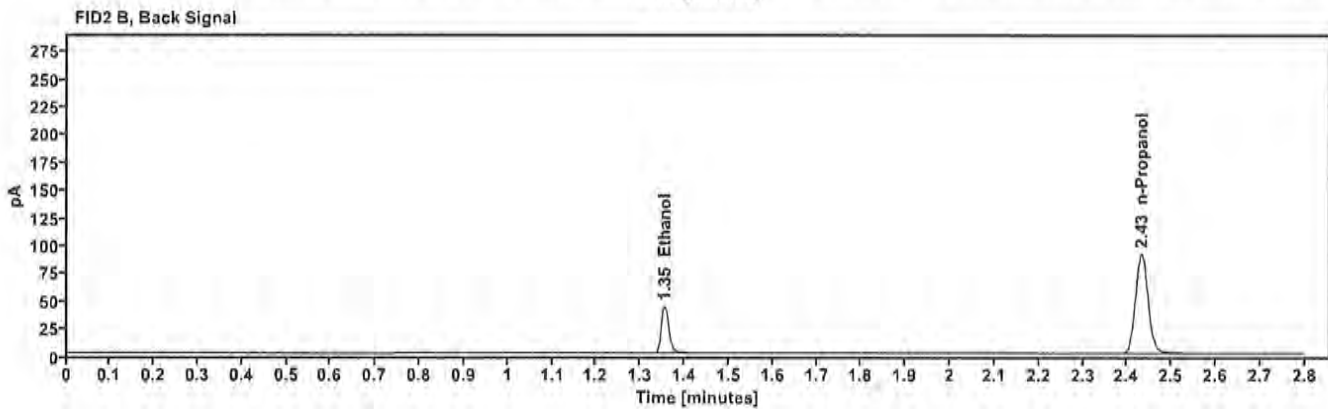
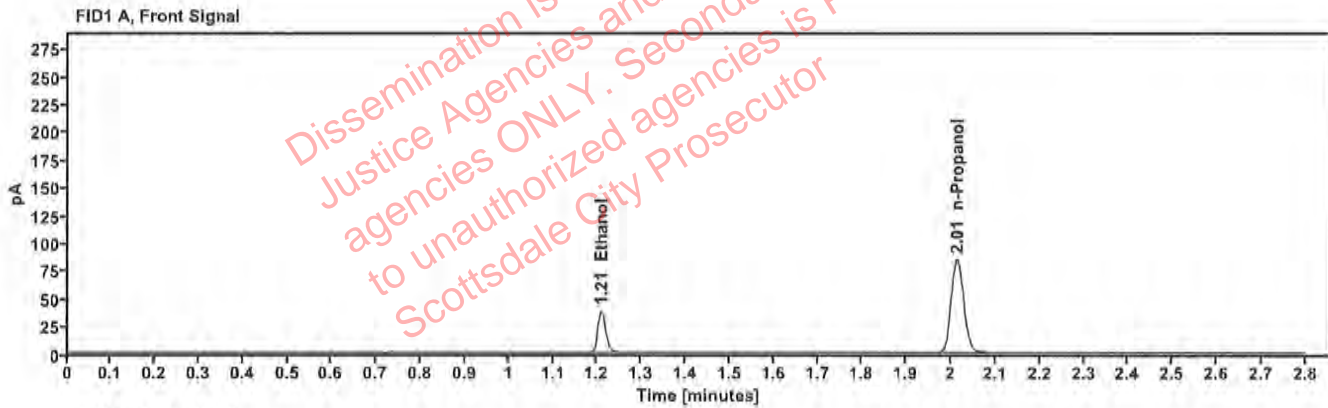


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0801	1.209	47.842
n-Propanol	---	2.013	168.049

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

Compound	Time (min)	Peak Area
Ethanol	1.354	51.945
n-Propanol	2.432	181.510

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 25Oct22
Instrument: US14173023 CN14160045	Injection date: 10/25/2022 1:30:23 PM
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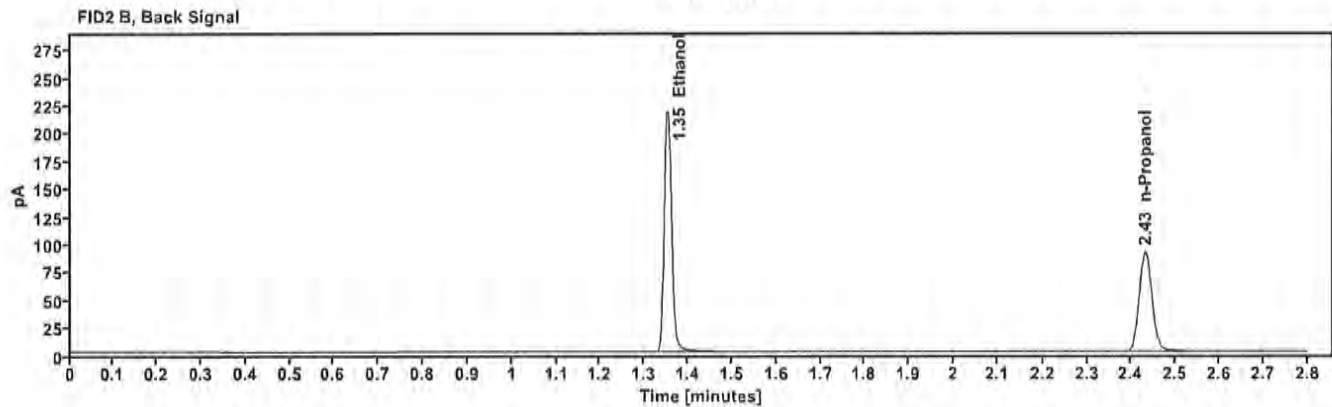
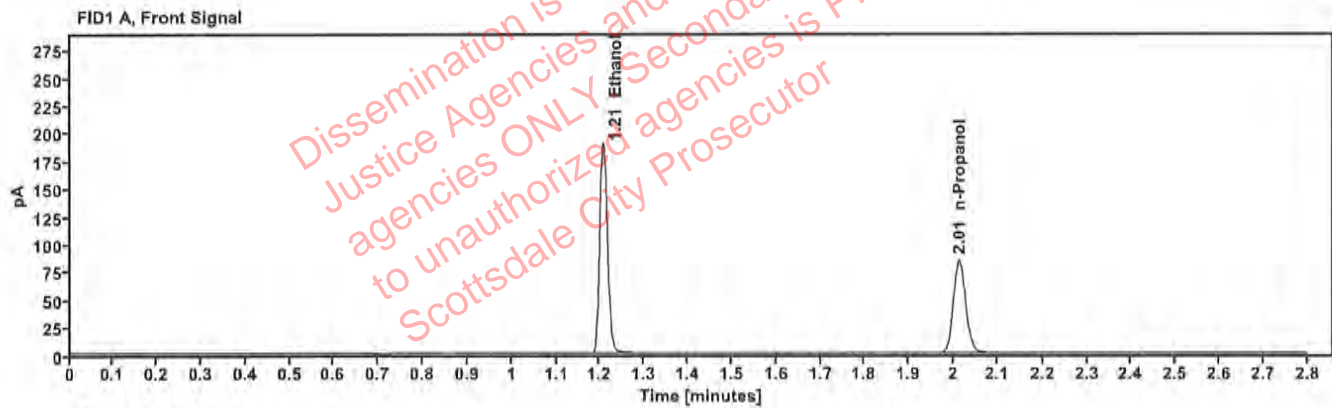


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4007	1.207	240.140
n-Propanol	---	2.013	168.047

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

Compound	Time (min)	Peak Area
Ethanol	1.353	263.811
n-Propanol	2.431	181.675

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 1:34:37 PM
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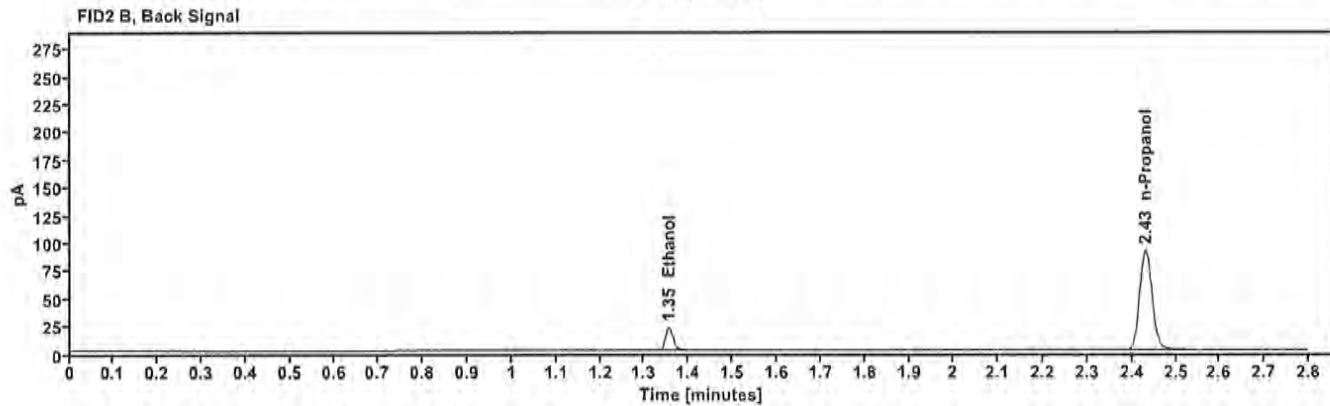
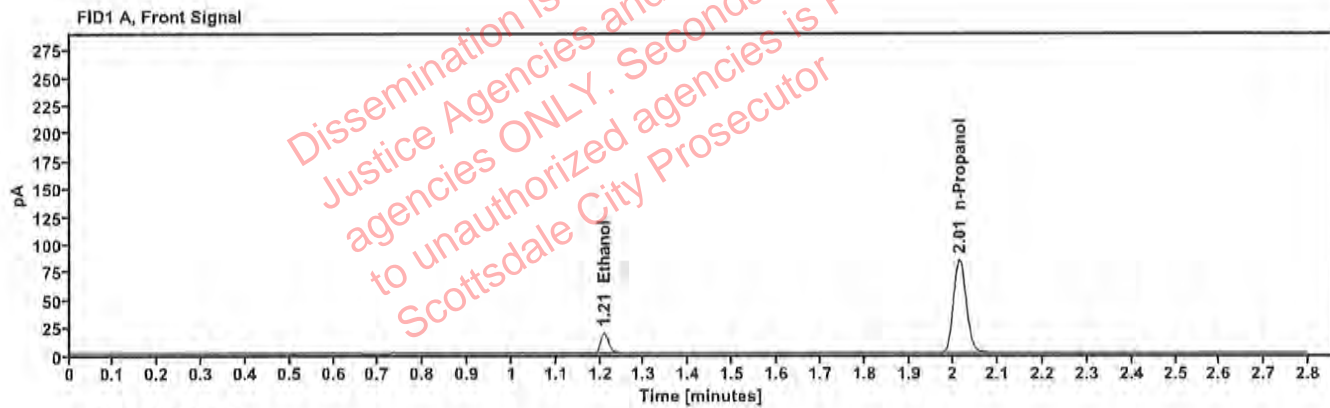


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0401	1.209	23.871
n-Propanol	---	2.013	168.114

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

Compound	Time (min)	Peak Area
Ethanol	1.354	25.842
n-Propanol	2.431	181.565

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/8	Vial:	44
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 1:38:37 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\44.D	Analyst:	Canonico <i>EC</i>

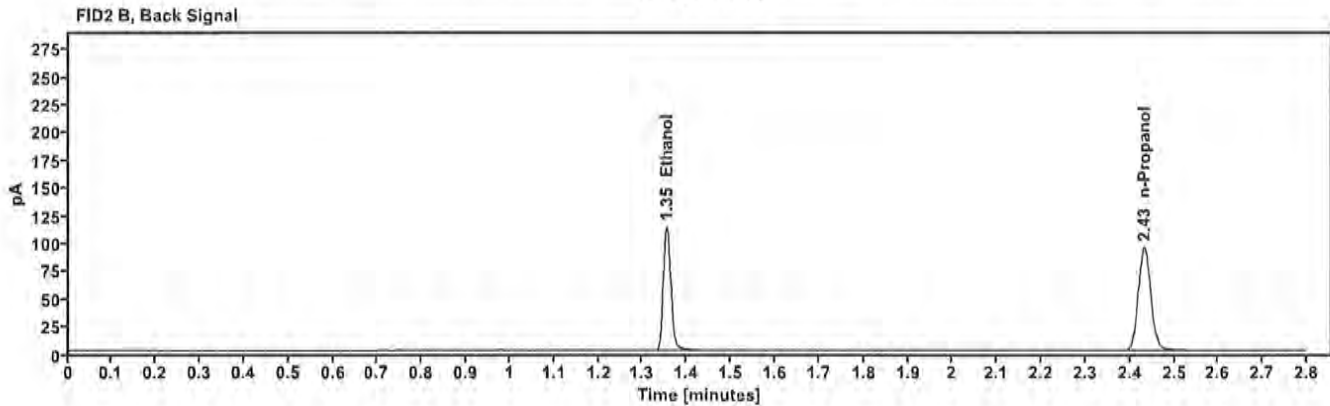
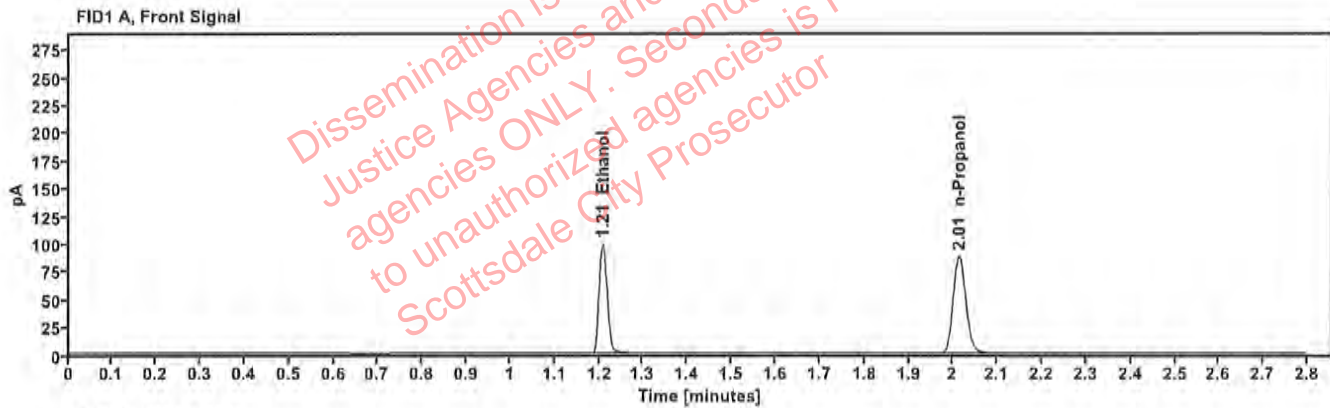


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2010	1.208	124.757
n-Propanol	—	2.013	174.186

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

Compound	Time (min)	Peak Area
Ethanol	1.354	136.896
n-Propanol	2.432	188.243

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	101921WB	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 1:42:37 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\45.D	Analyst:	Canonico <i>ec</i>

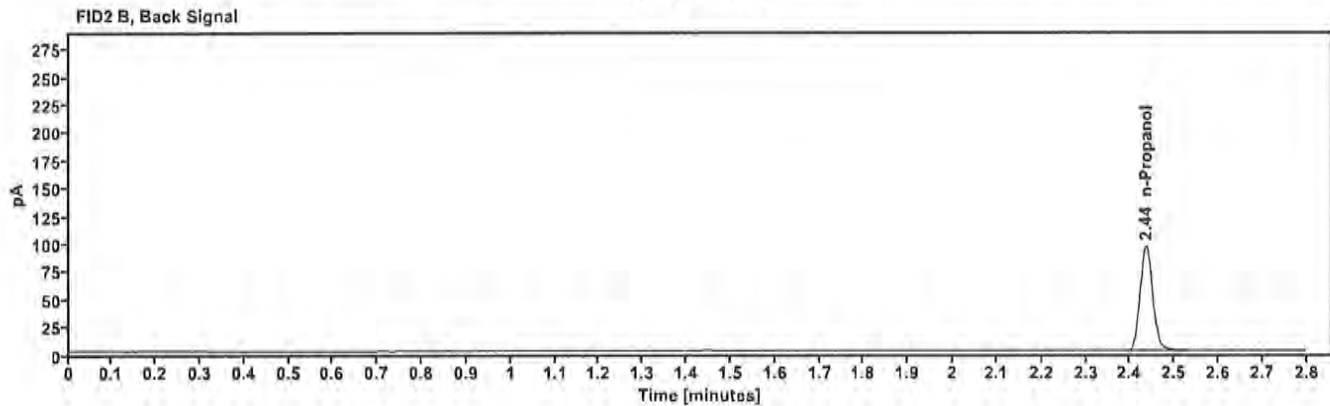
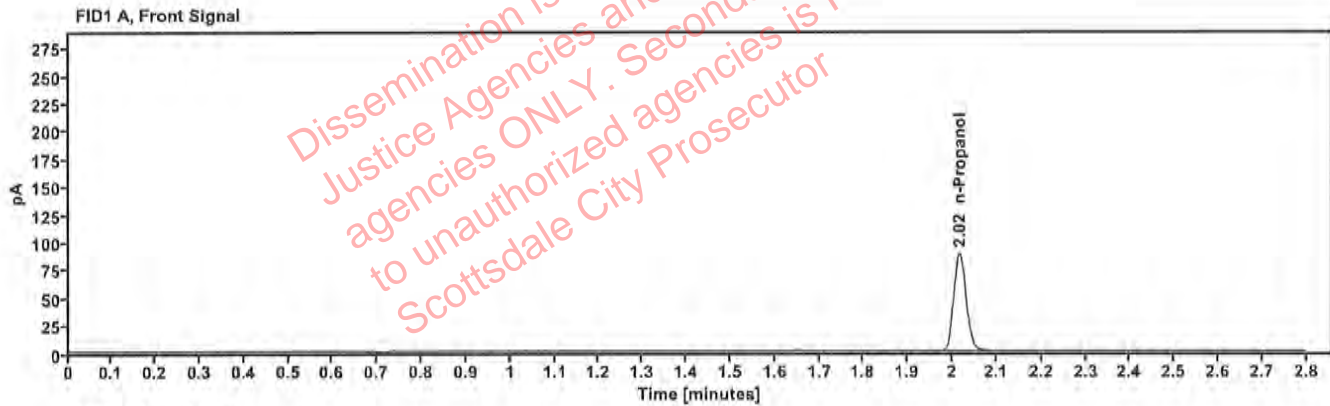


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.016	175.509

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

Compound	Time (min)	Peak Area
n-Propanol	2.436	189.862

Sequence Summary

Sequence name: 25Oct22 Instrument: US14173023 CN14160045 Analyst: Canonico *ee*

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	1440450		Sample		ethanol quant.M
11	1440450		Sample		ethanol quant.M
12	1397410		Sample		ethanol quant.M
13	1397410		Sample		ethanol quant.M
14	1441339		Sample		ethanol quant.M
15	1441339		Sample		ethanol quant.M
16	1441433		Sample		ethanol quant.M
17	1441433		Sample		ethanol quant.M
18	1441210		Sample		ethanol quant.M
19	1441210		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1441206		Sample		ethanol quant.M
22	1441206		Sample		ethanol quant.M
23	1440767		Sample		ethanol quant.M
24	1440767		Sample		ethanol quant.M
25	1441513		Sample		ethanol quant.M
26	1441513		Sample		ethanol quant.M
27	1441531		Sample		ethanol quant.M
28	1441531		Sample		ethanol quant.M
29	1441515		Sample		ethanol quant.M
30	1441515		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1441625		Sample		ethanol quant.M
33	1441625		Sample		ethanol quant.M
34	1441431		Sample		ethanol quant.M
35	1441431		Sample		ethanol quant.M
36	17601AM		Sample		ethanol quant.M
37	17601AM		Sample		ethanol quant.M
38	32701GC		Sample		ethanol quant.M
39	32701GC		Sample		ethanol quant.M
40	1435546		Sample		ethanol quant.M
41	1435546		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 ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED.

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 25Oct22

ANALYST: Canonico ee

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0768	0.0769	0.07685	0.07	0.00005
12 13	0.1679	0.1673	0.16760	0.18	0.00030
14 15	0.1555	0.1605	0.15800	1.58	0.00250
16 17	0.1715	0.1685	0.17000	0.88	0.00150
18 19	0.1798	0.1782	0.17900	0.45	0.00080
21 22	0.1176	0.1183	0.11795	0.30	0.00035
23 24	0.2324	0.2294	0.23090	0.65	0.00150
25 26	0.2408	0.2406	0.24070	0.04	0.00010
27 28	0.1550	0.1540	0.15450	0.32	0.00050
29 30	0.1917	0.1924	0.19205	0.18	0.00035
32 33	0.1683	0.1676	0.16795	0.21	0.00035
34 35	0.1247	0.1278	0.12625	1.23	0.00155
36 37	0.1222	0.1242	0.12320	0.81	0.00100
38 39	0.0000	0.0000	0.00000	0.00	0.00000
40 41	0.1622	0.1605	0.16135	0.53	0.00085

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1440450	Vial:	10
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 11:21:07 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\10.D	Analyst:	Canonico

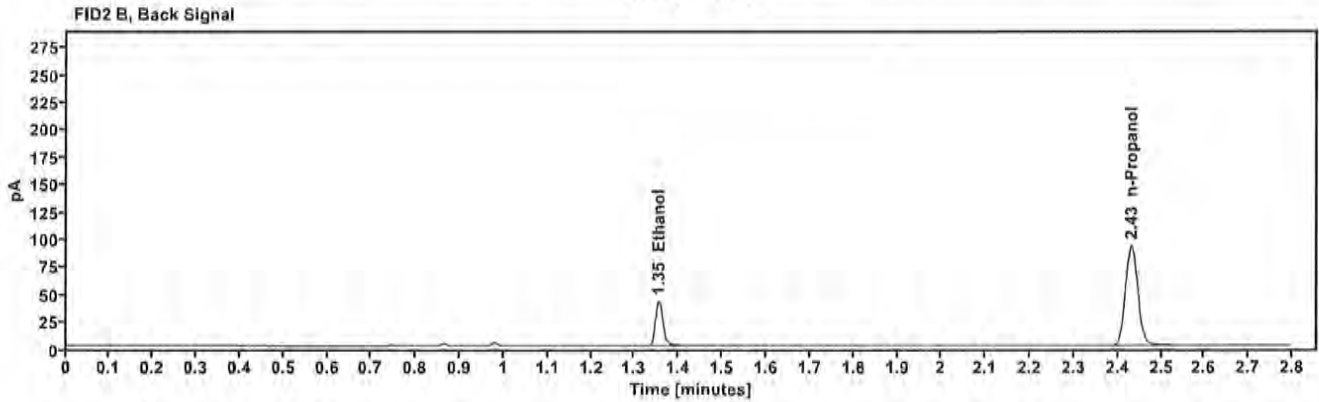
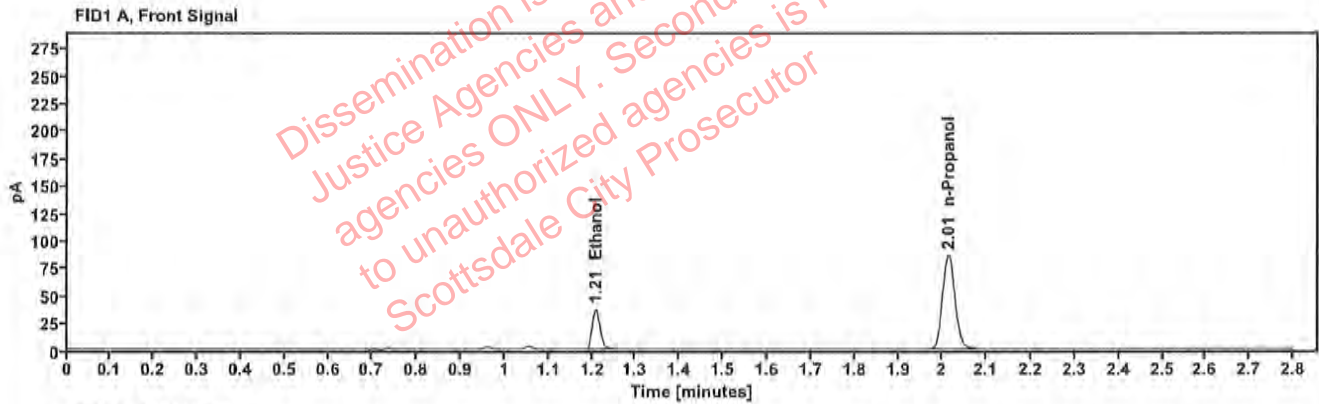


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0768	1.209	46.468
n-Propanol	---	2.013	170.237

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

Compound	Time (min)	Peak Area
Ethanol	1.354	50.342
n-Propanol	2.431	183.838

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1440450	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 11:25:07 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\11.D	Analyst:	Canonico

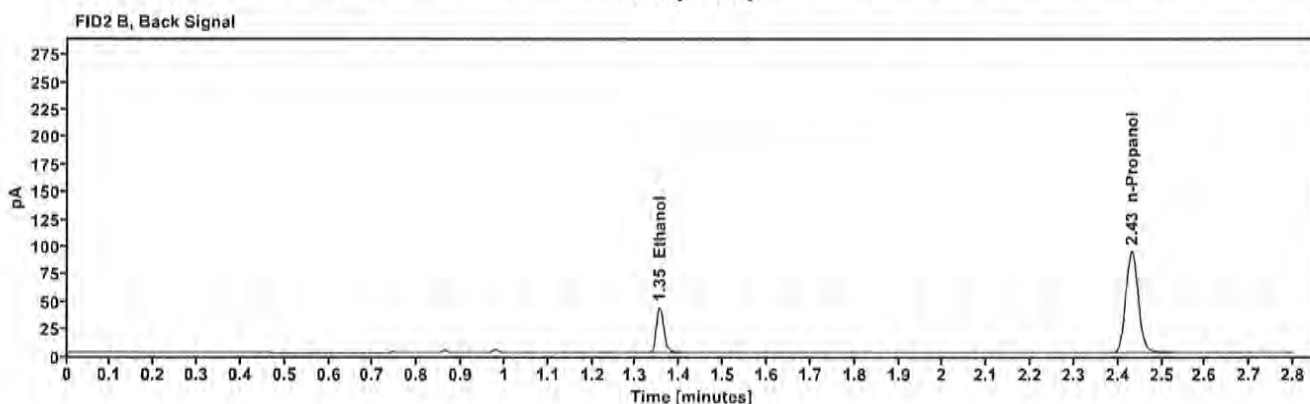
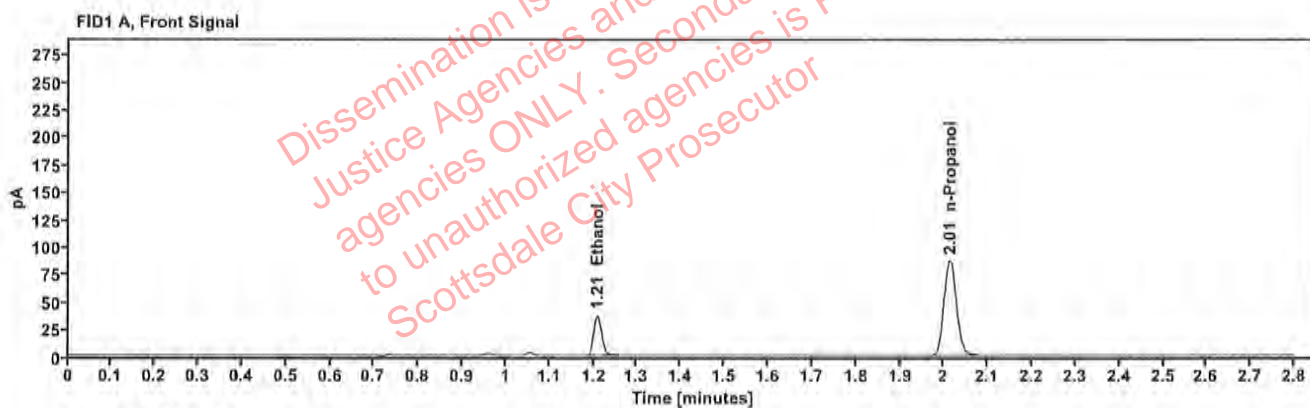


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0769	1.209	47.135
n-Propanol	---	2.013	172.607

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

Compound	Time (min)	Peak Area
Ethanol	1.354	51.029
n-Propanol	2.431	186.488

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397410	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 11:29:07 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\12.D	Analyst:	Canonico

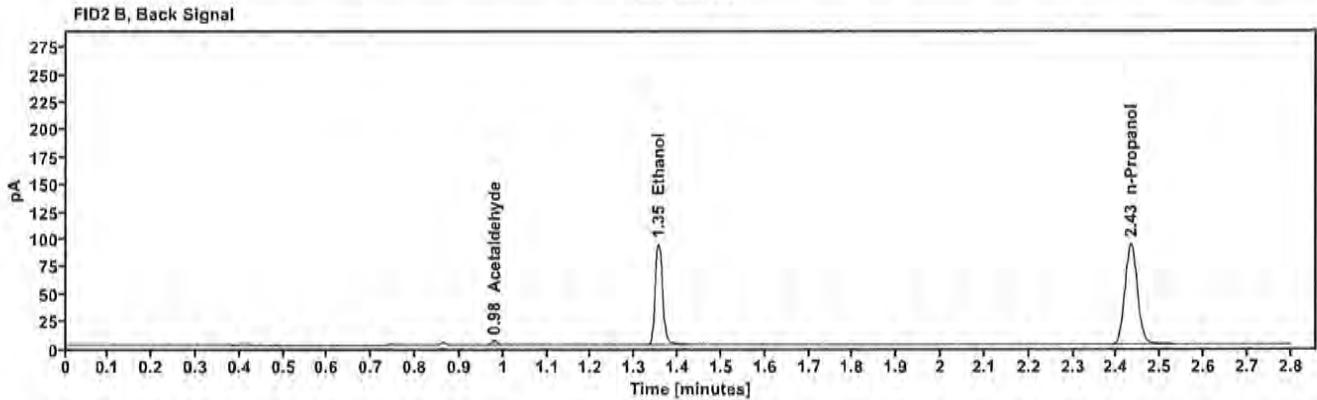
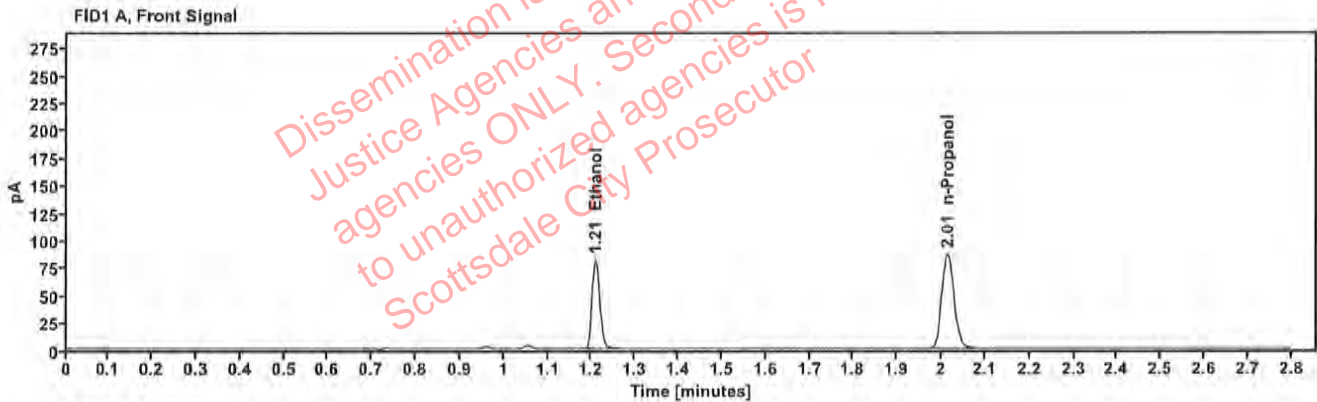


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1679	1.208	102.807
n-Propanol	---	2.014	171.879

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.979	3.814
Ethanol	1.355	112.307
n-Propanol	2.432	185.953

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1397410	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 11:33:22 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\13.D	Analyst:	Canonico

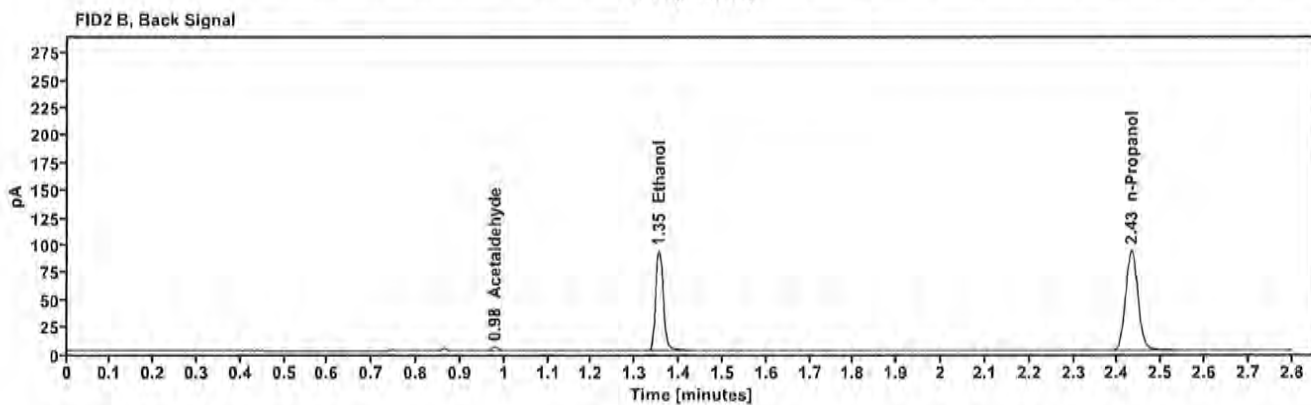
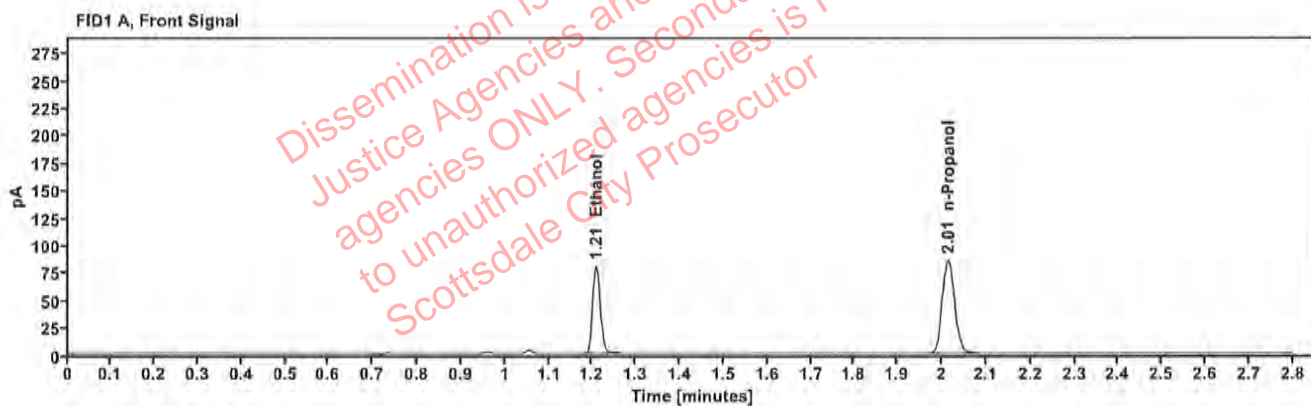


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1673	1.208	101.745
n-Propanol	---	2.013	170.743

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	3.933
Ethanol	1.354	110.921
n-Propanol	2.432	184.637

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441339	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 11:37:22 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\14.D	Analyst:	Canonico

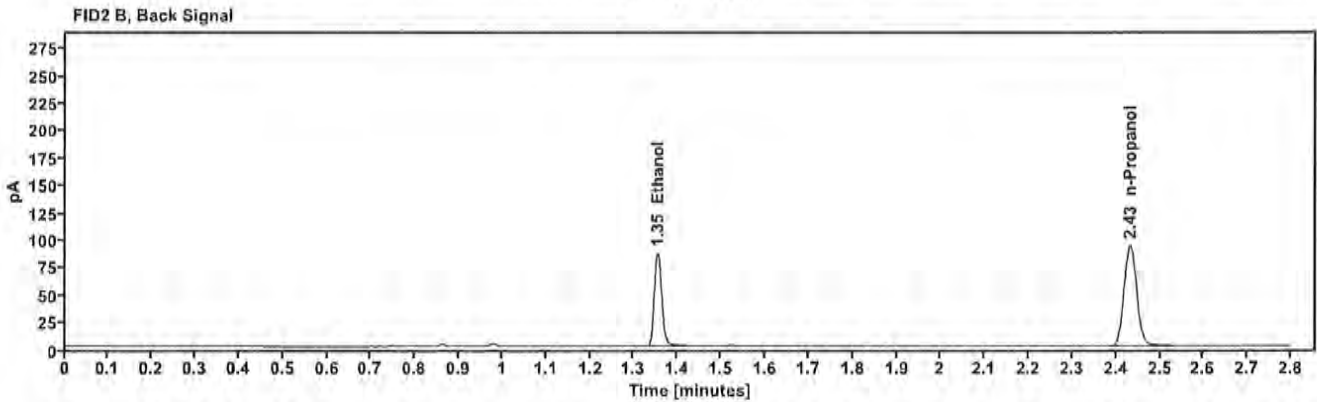
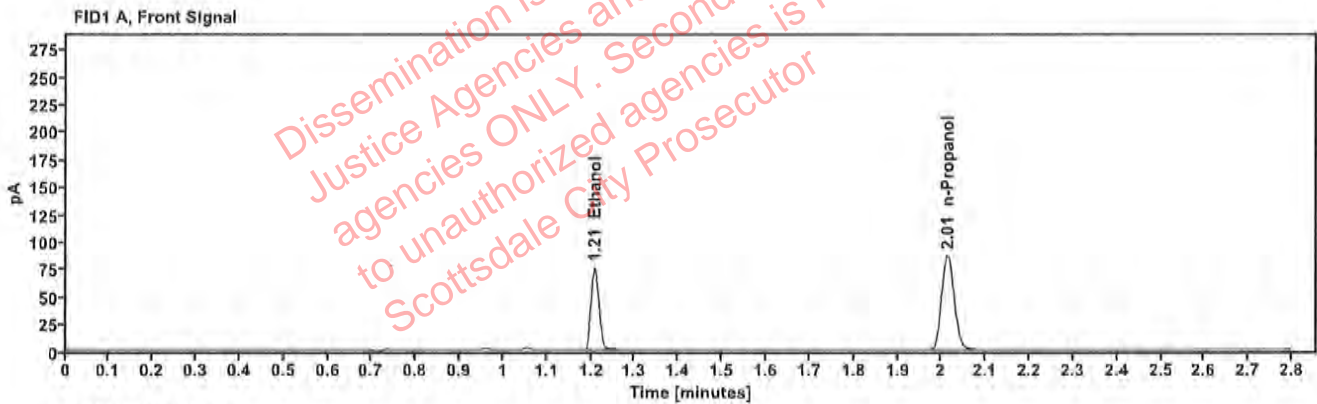


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1555	1.208	95.635
n-Propanol	---	2.013	172.715

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

Compound	Time (min)	Peak Area
Ethanol	1.354	104.470
n-Propanol	2.432	186.484

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441339	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 11:41:22 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\15.D	Analyst:	Canonico

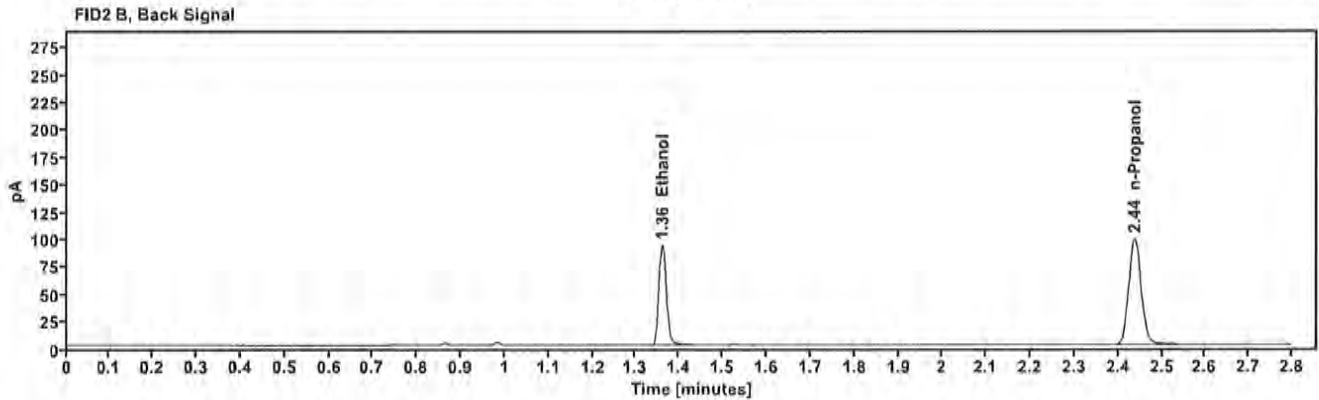
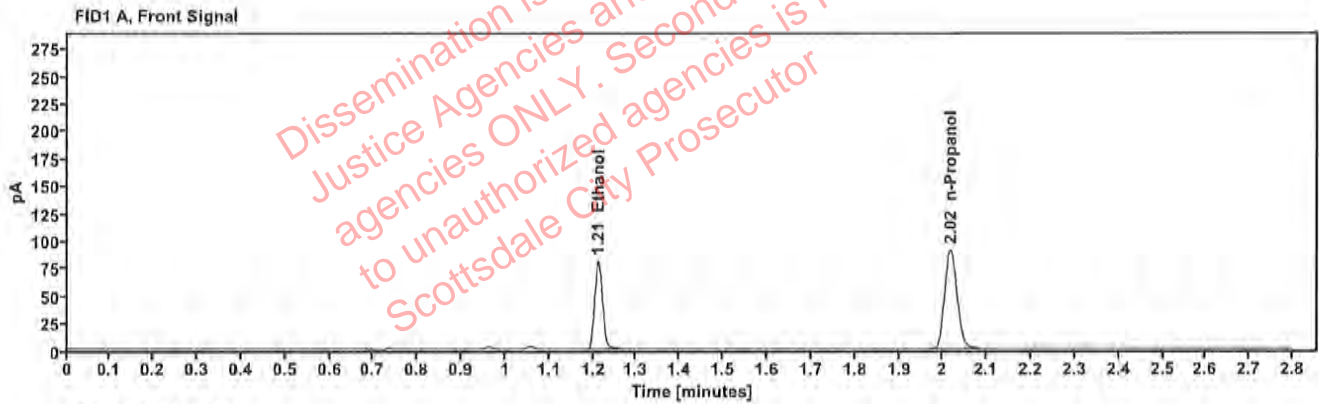


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1605	1.212	103.019
n-Propanol	---	2.017	180.217

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

Compound	Time (min)	Peak Area
Ethanol	1.360	112.262
n-Propanol	2.437	194.289

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441433	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 11:45:22 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\16.D	Analyst:	Canonico

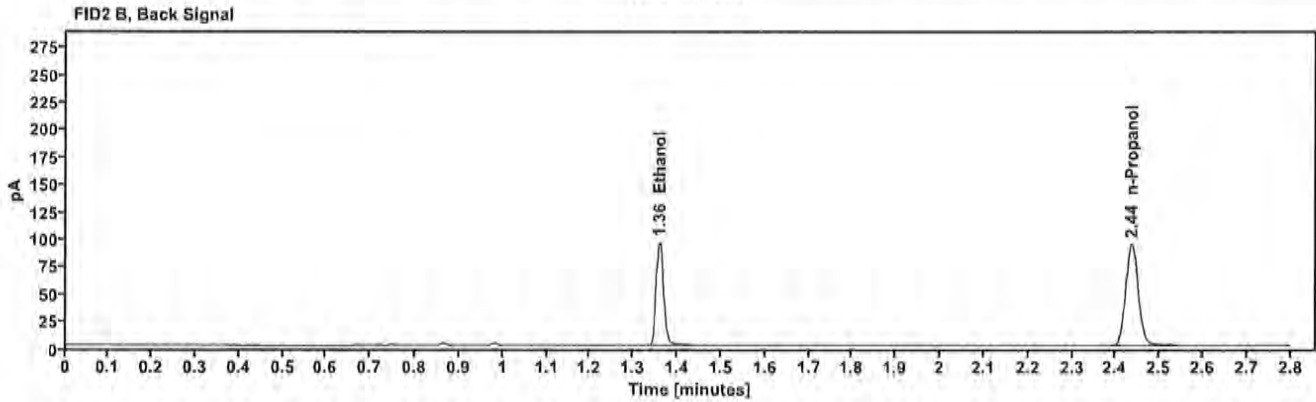
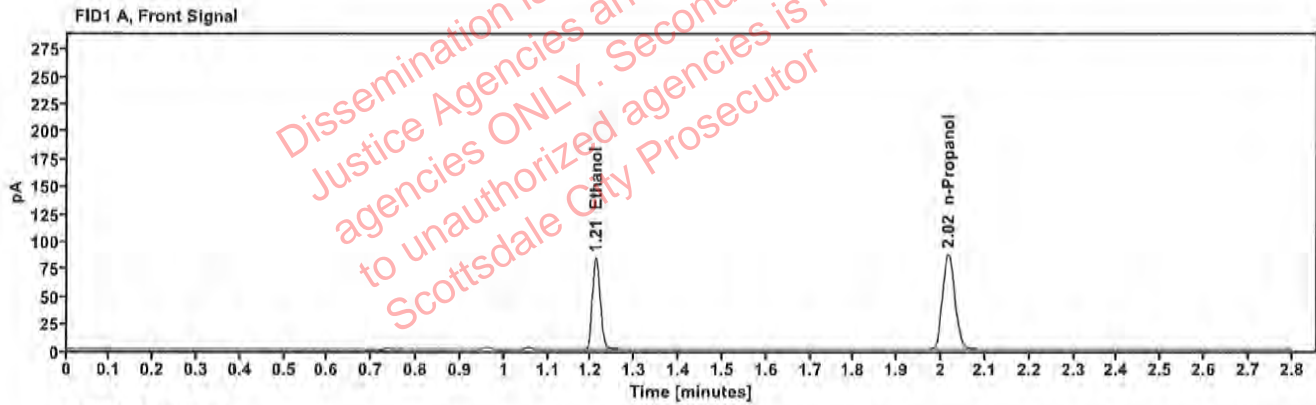


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1715	1.211	106.509
n-Propanol	—	2.016	174.377

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

Compound	Time (min)	Peak Area
Ethanol	1.358	116.140
n-Propanol	2.436	187.647

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441433	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 11:49:22 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\17.D	Analyst:	Canonico

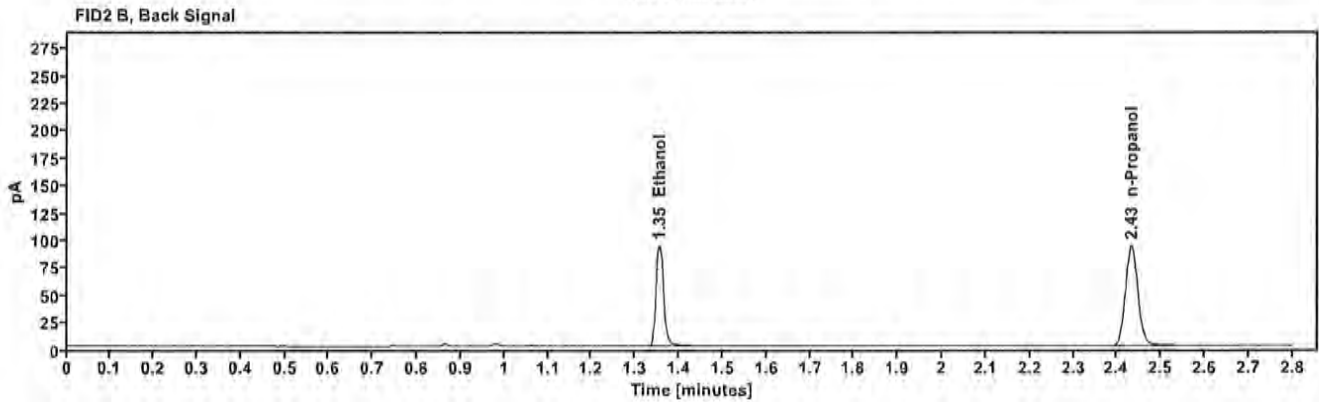
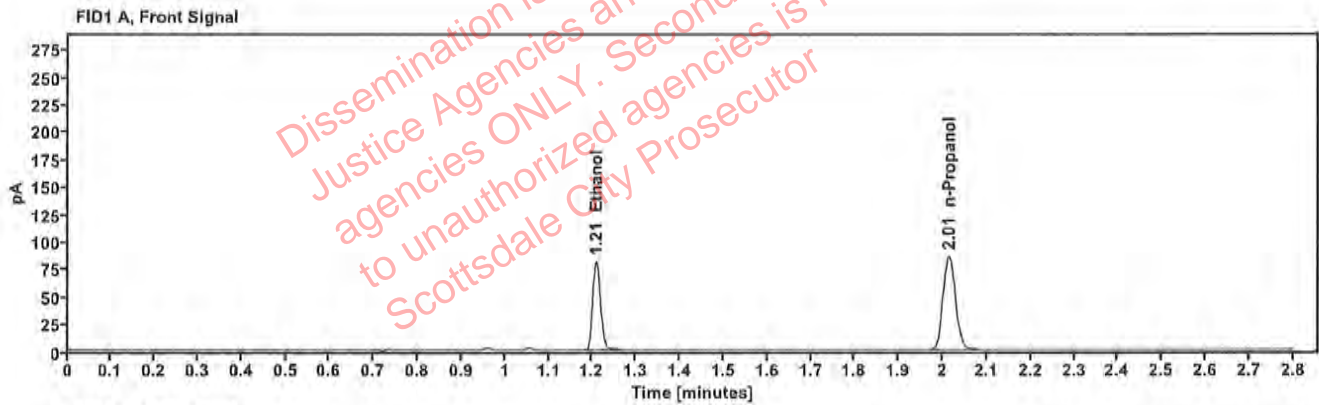


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1685	1.208	102.616
n-Propanol	—	2.014	170.933

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

Compound	Time (min)	Peak Area
Ethanol	1.354	112.190
n-Propanol	2.432	184.309

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441210	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 11:53:23 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\18.D	Analyst:	Canonico

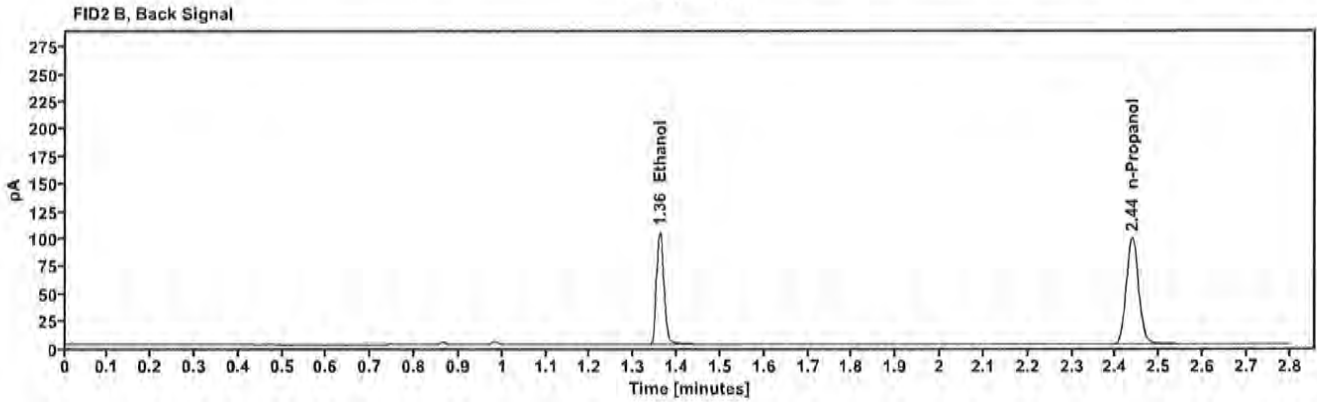
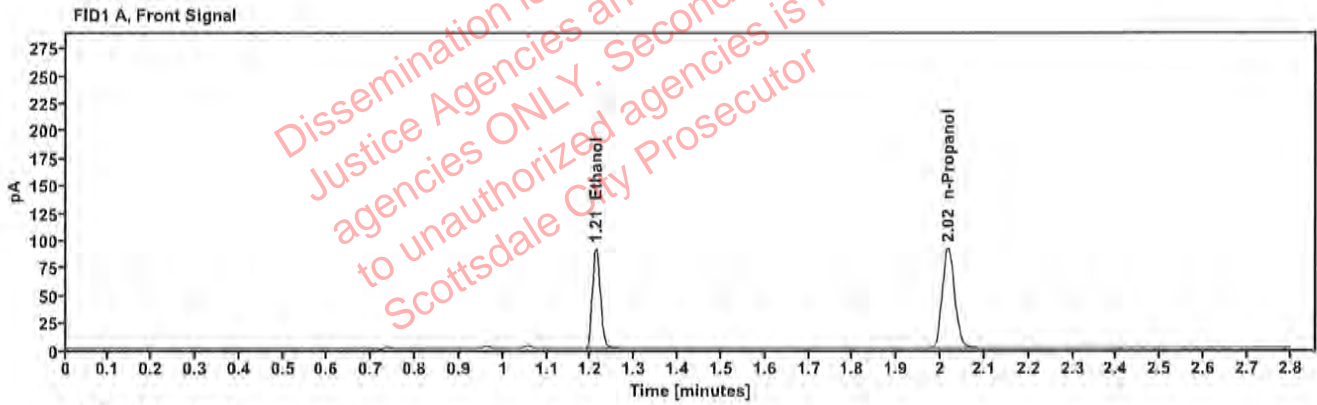


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1798	1.211	116.489
n-Propanol		2.017	181.852

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

Compound	Time (min)	Peak Area
Ethanol	1.360	127.459
n-Propanol	2.437	196.063

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441210	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 11:57:37 AM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\19.D	Analyst:	Canonico

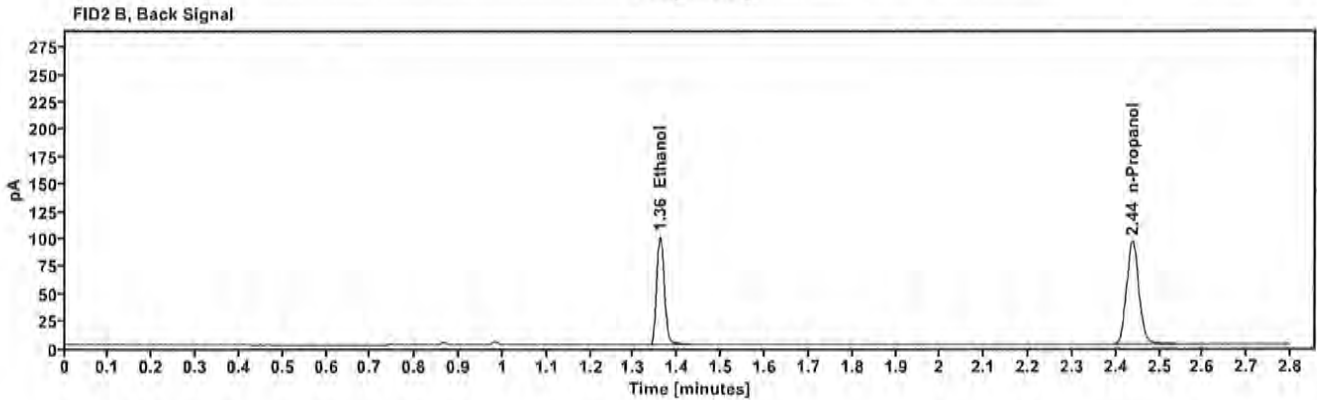
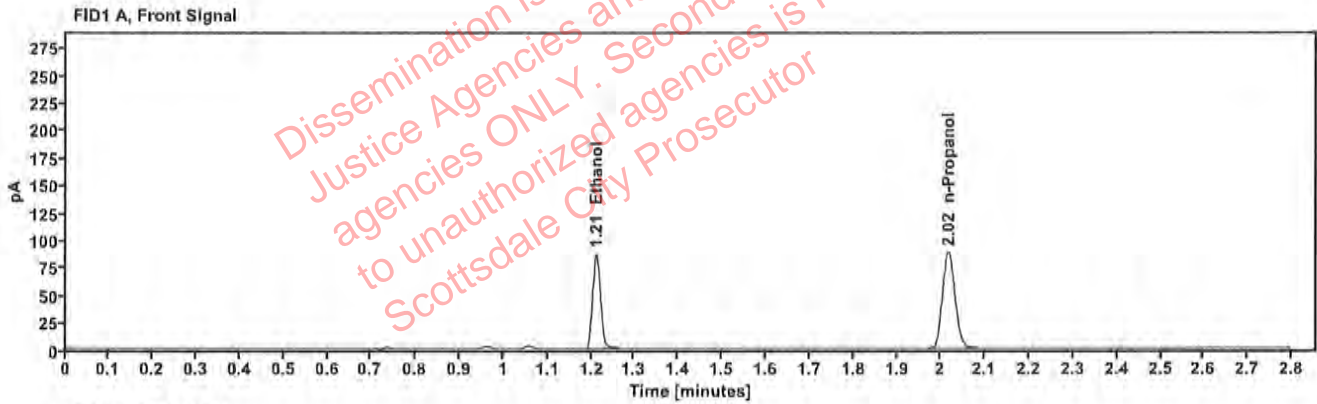


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1782	1.211	111.402
n-Propanol	---	2.017	175.462

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

Compound	Time (min)	Peak Area
Ethanol	1.359	121.204
n-Propanol	2.437	188.977

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441206	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:05:37 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\21.D	Analyst:	Canonico

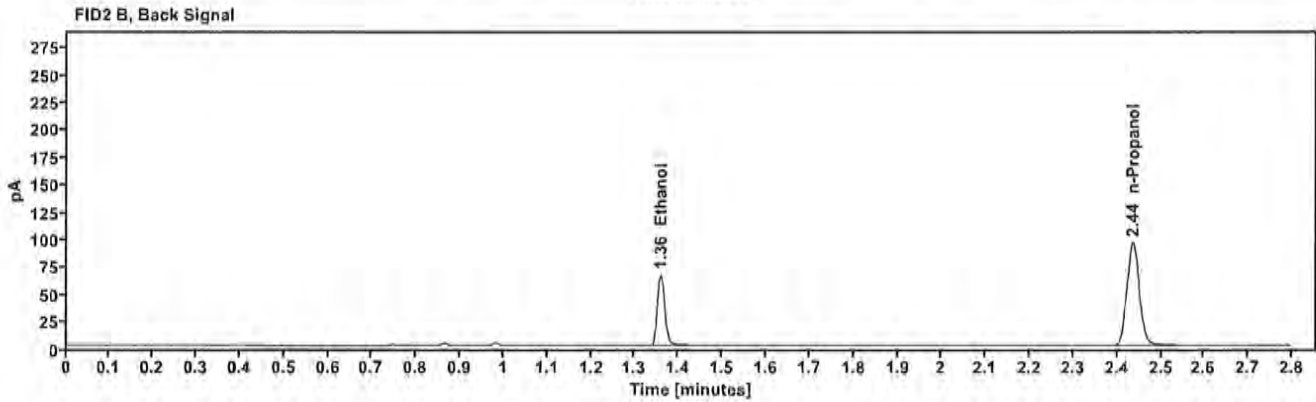
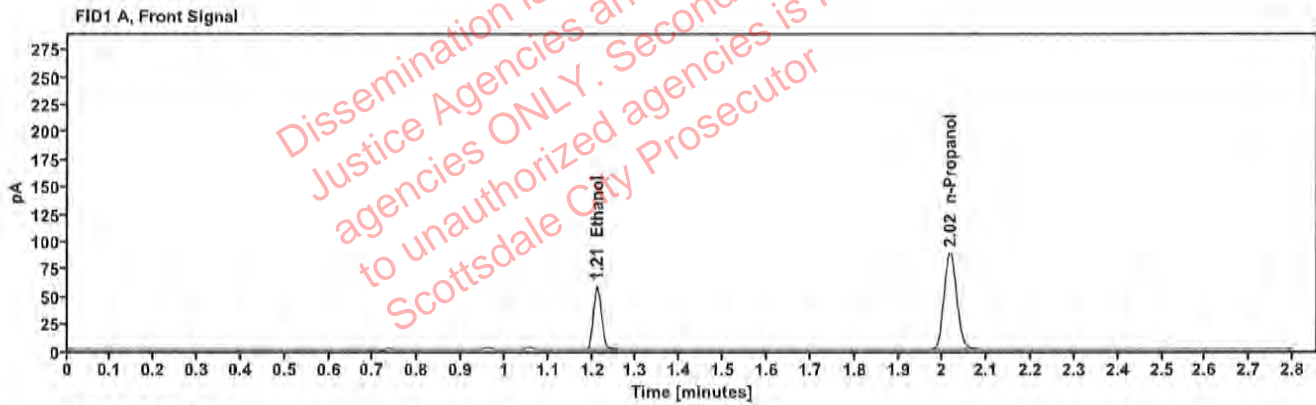


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1176	1.211	73.653
n-Propanol	-----	2.016	175.986

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

Compound	Time (min)	Peak Area
Ethanol	1.359	80.235
n-Propanol	2.436	189.748

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441206	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:09:37 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\22.D	Analyst:	Canonico

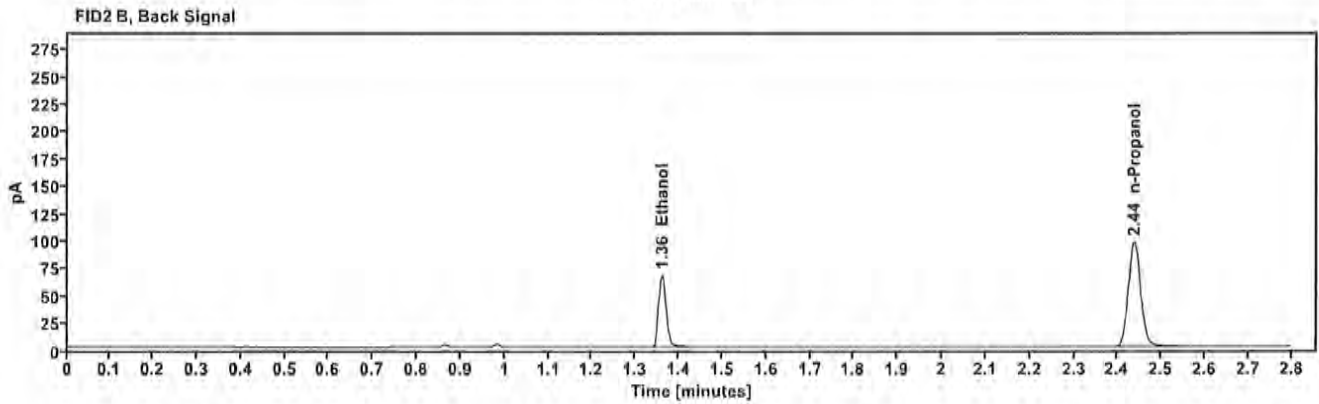
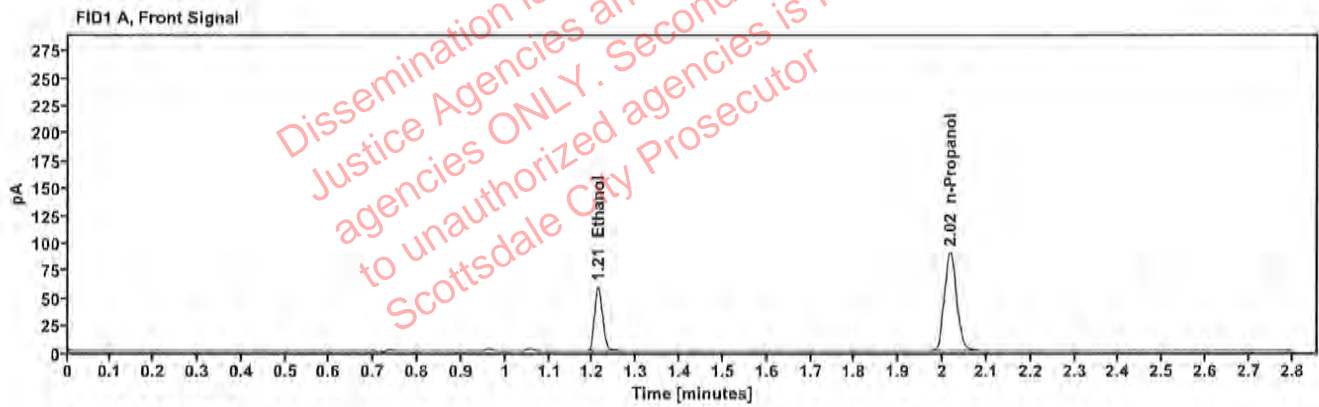


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1183	1.212	75.408
n-Propanol	—	2.017	179.051

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

Compound	Time (min)	Peak Area
Ethanol	1.360	81.953
n-Propanol	2.437	193.273

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1440767	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:13:37 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\23.D	Analyst:	Canonico

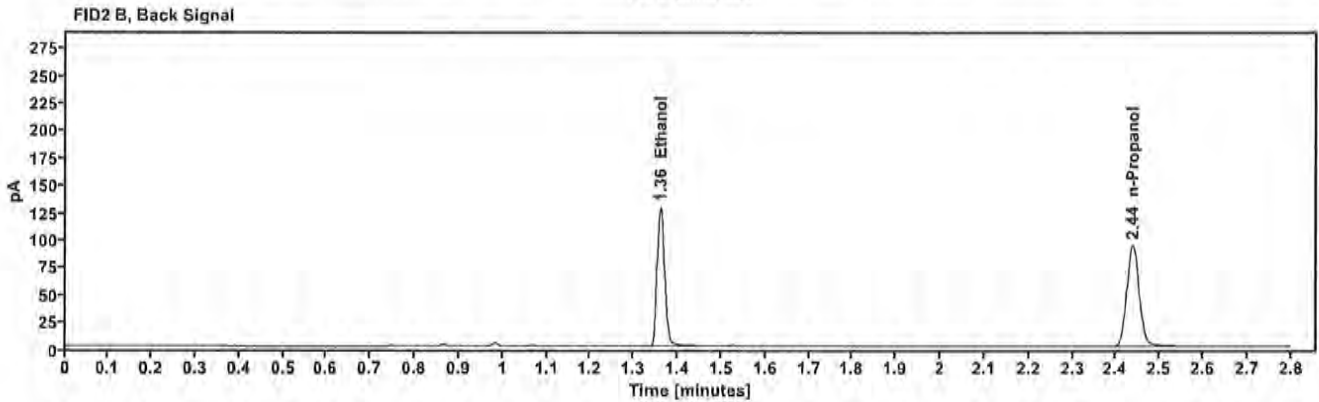
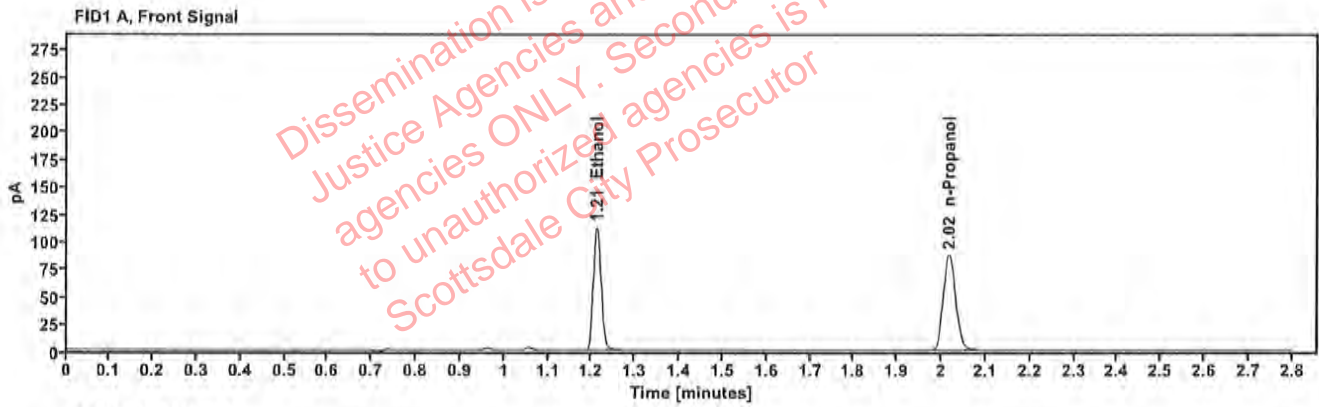


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2324	1.211	143.166
n-Propanol	—	2.017	172.864

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

Compound	Time (min)	Peak Area
Ethanol	1.360	156.493
n-Propanol	2.438	186.124

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1440767	Vial:	24
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:17:37 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\24.D	Analyst:	Canonico

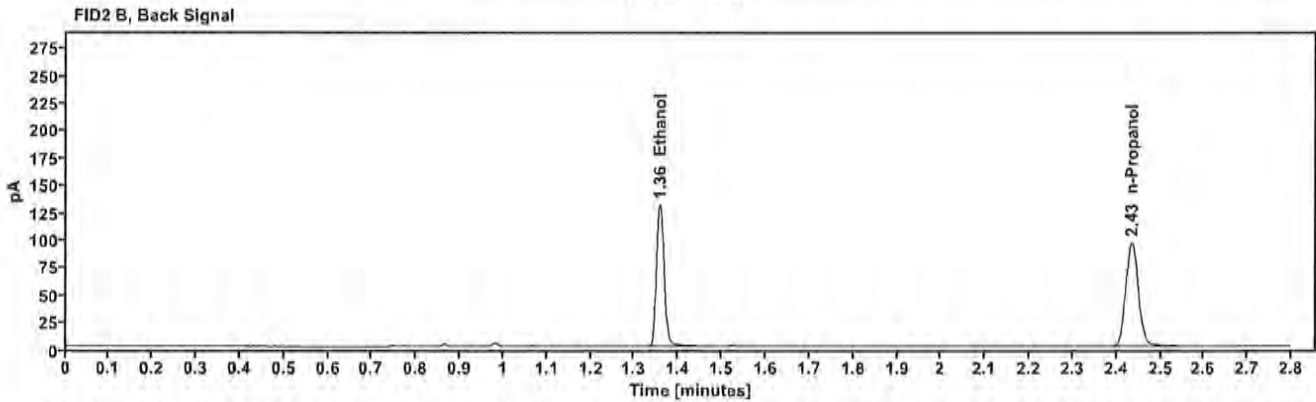
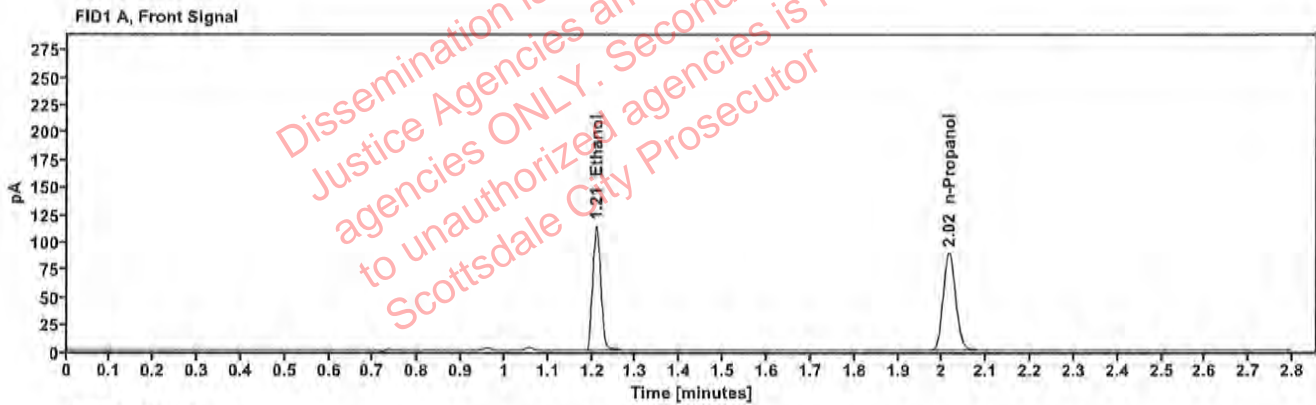


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2294	1.210	144.953
n-Propanol	---	2.015	177.299

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

Compound	Time (min)	Peak Area
Ethanol	1.357	158.540
n-Propanol	2.435	190.853

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441513	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:21:53 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\25.D	Analyst:	Canonico

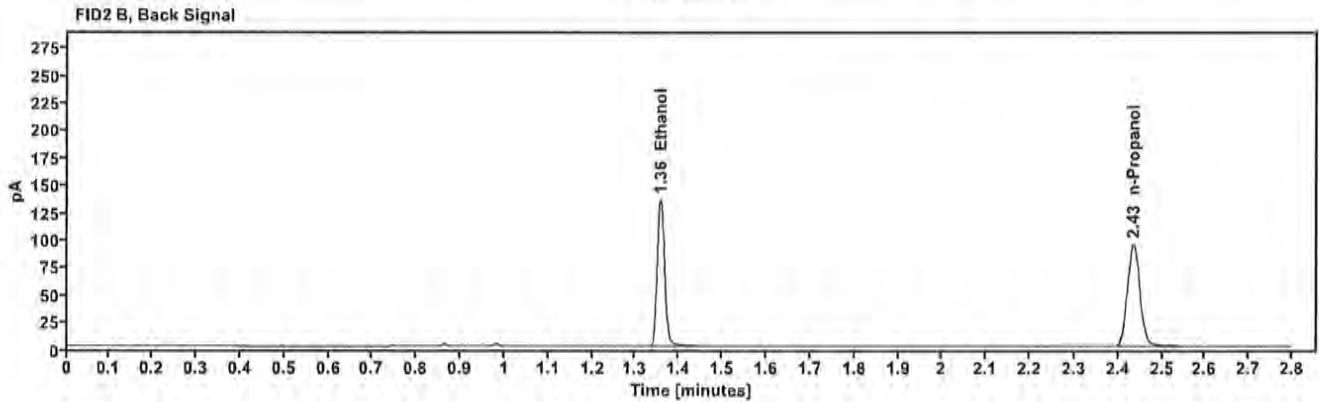
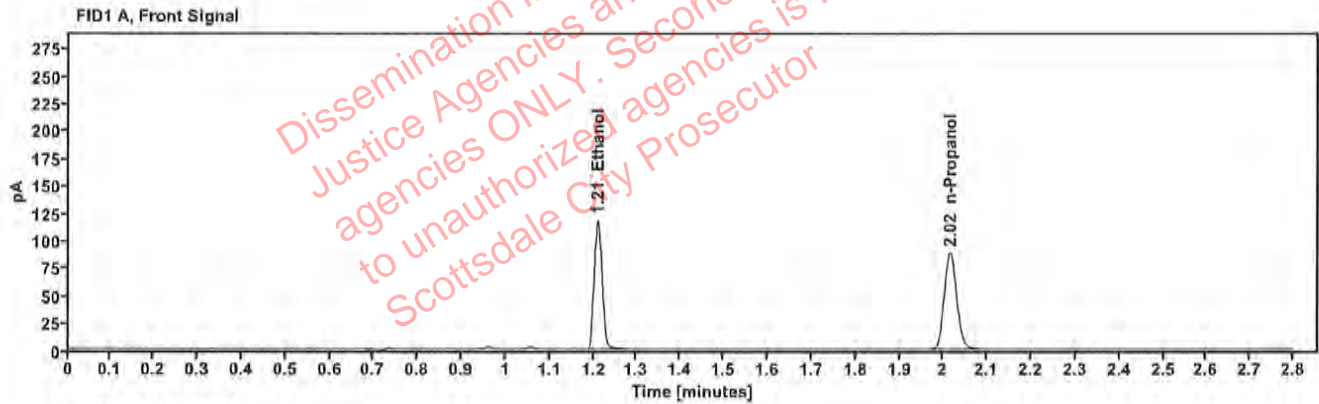


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2408	1.209	150.436
n-Propanol	—	2.015	175.305

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

Compound	Time (min)	Peak Area
Ethanol	1.357	164.240
n-Propanol	2.435	188.545

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441513	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:25:52 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\26.D	Analyst:	Canonico

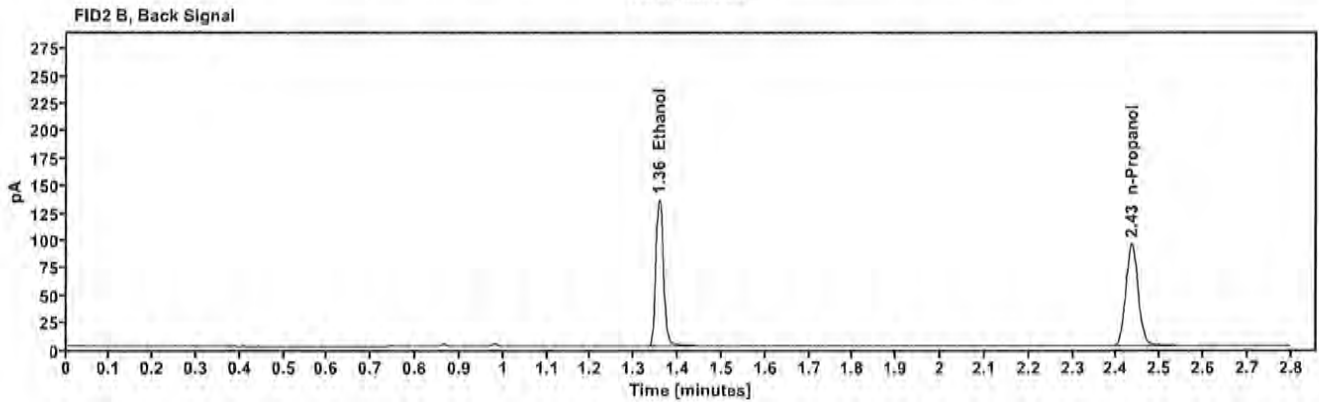
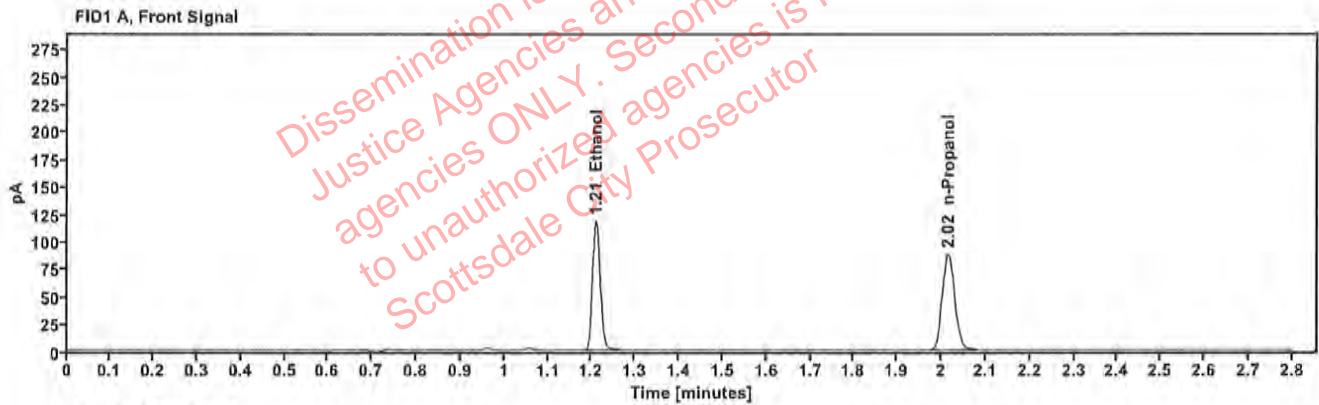


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2406	1.209	150.314
n-Propanol	---	2.015	175.245

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

Compound	Time (min)	Peak Area
Ethanol	1.357	164.277
n-Propanol	2.434	188.488

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441531	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:29:52 PM
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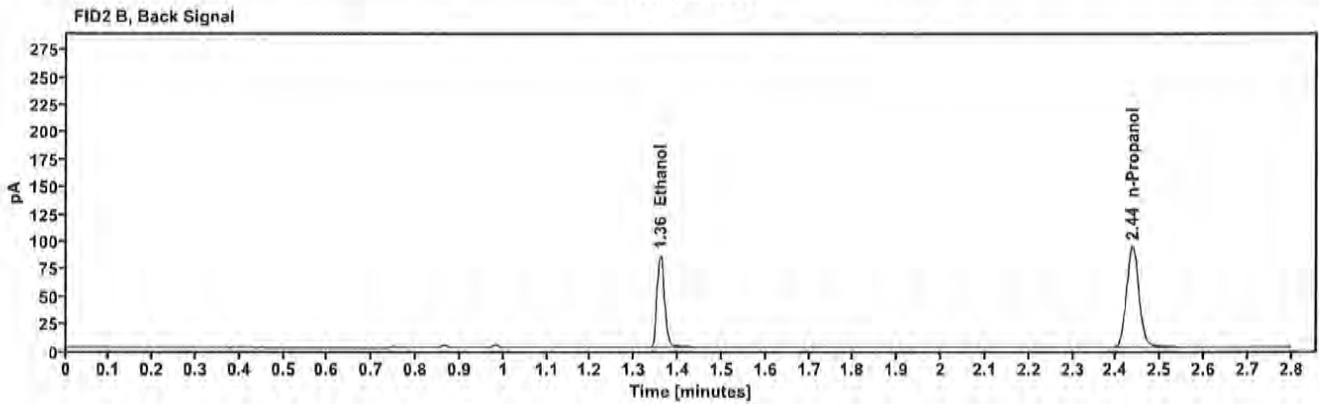
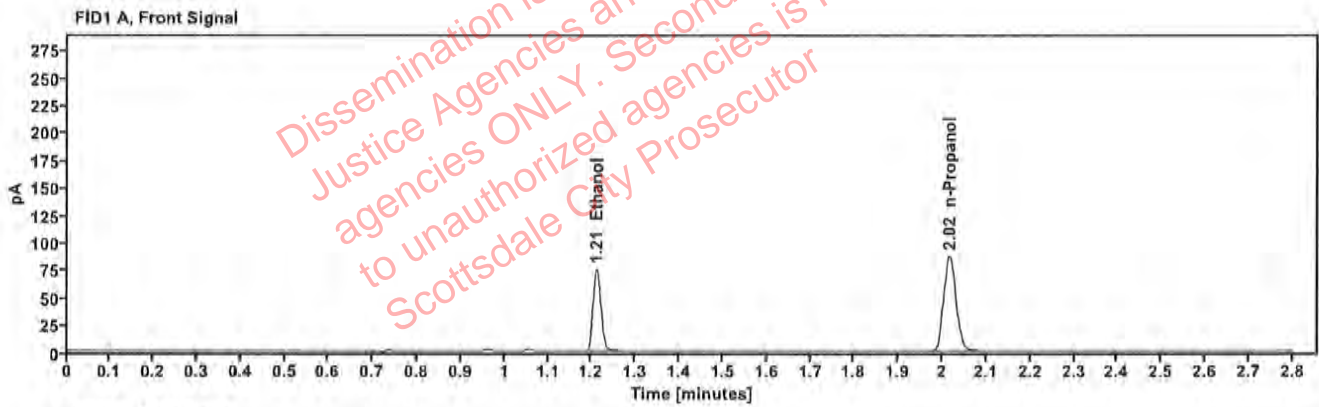


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1550	1.211	95.550
n-Propanol	—	2.016	173.107

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

Compound	Time (min)	Peak Area
Ethanol	1.359	103.827
n-Propanol	2.436	186.113

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441531	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:33:52 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\28.D	Analyst:	Canonico

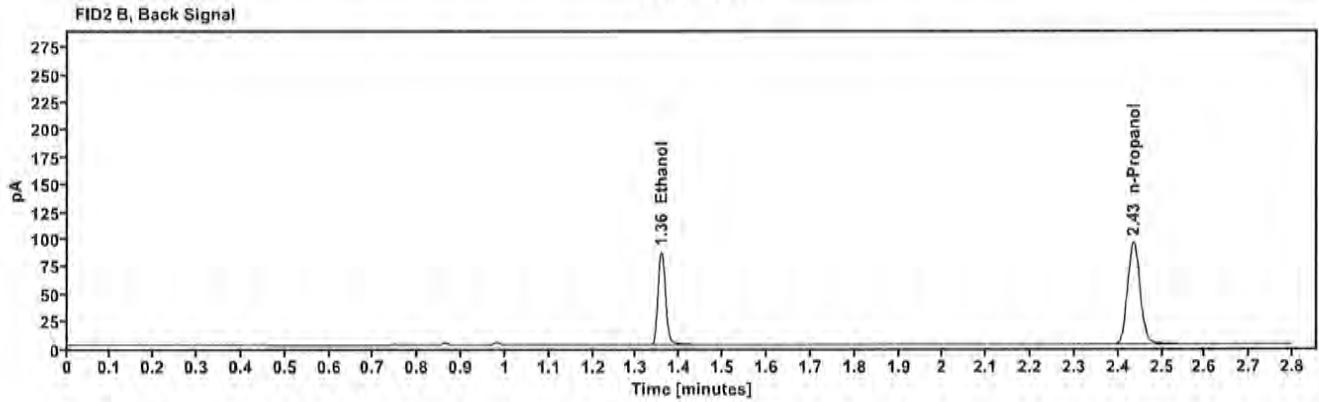
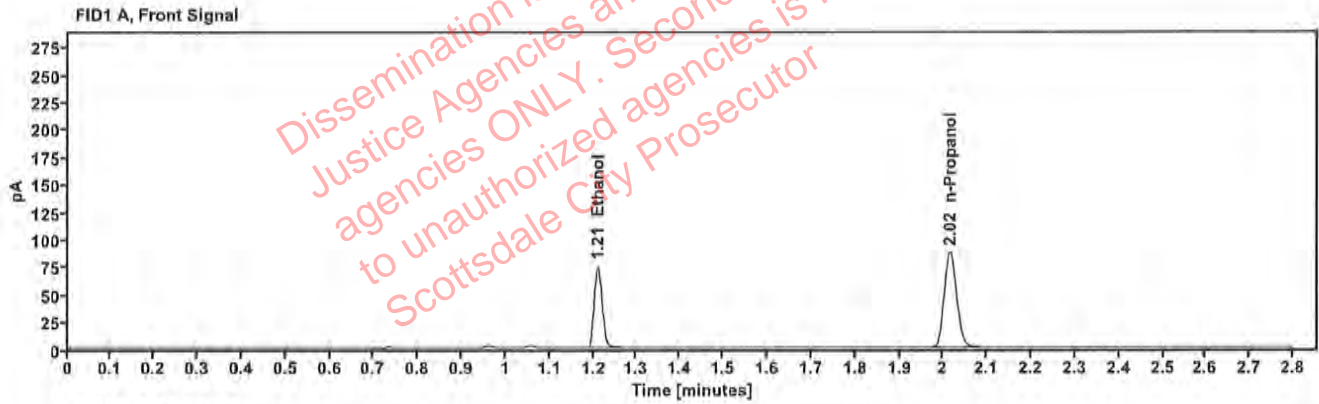


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1540	1.210	95.684
n-Propanol	-----	2.015	174.468

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

Compound	Time (min)	Peak Area
Ethanol	1.357	104.218
n-Propanol	2.435	187.790

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441515	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:37:53 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\29.D	Analyst:	Canonico

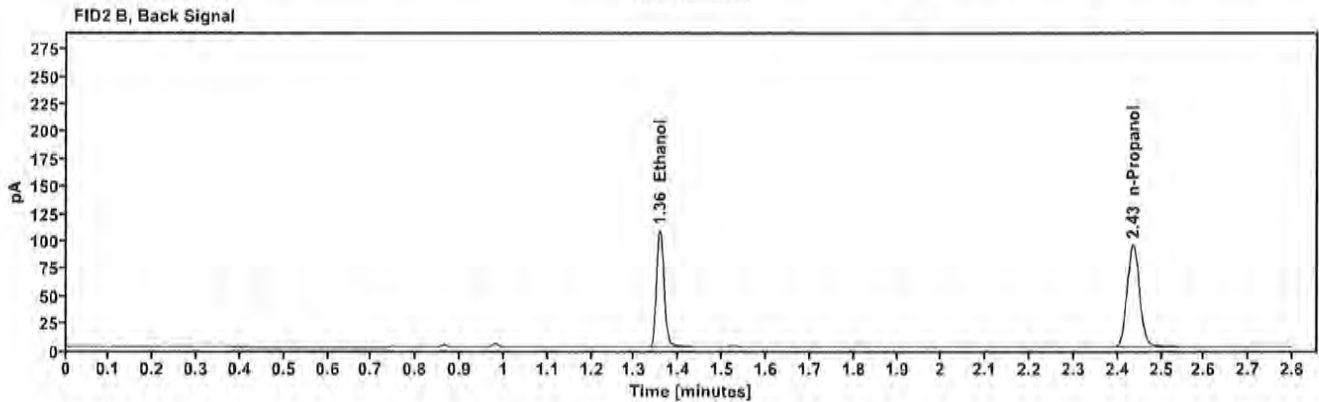
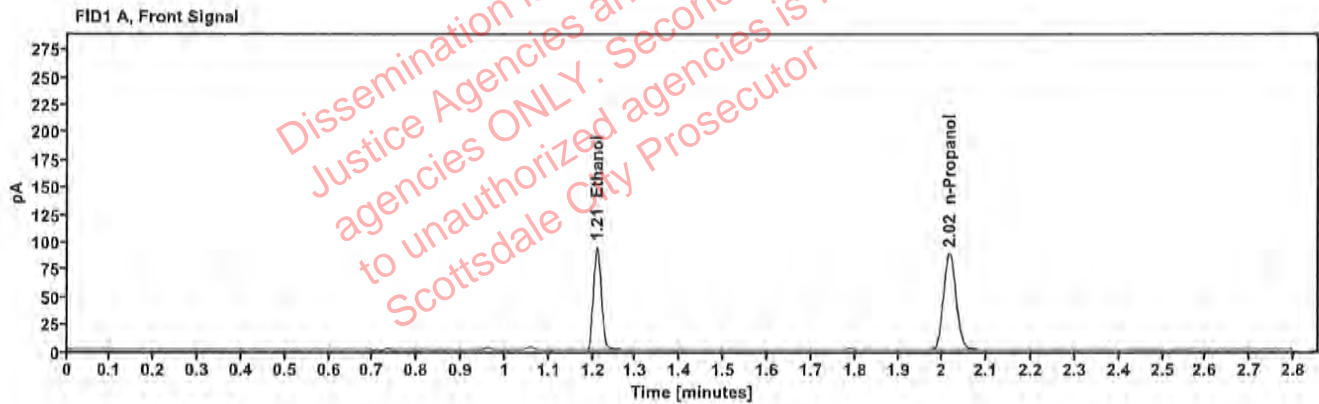


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1917	1.210	119.809
n-Propanol	---	2.015	175.380

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

Compound	Time (min)	Peak Area
Ethanol	1.357	130.334
n-Propanol	2.435	188.775

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441515	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:41:52 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\30.D	Analyst:	Canonico

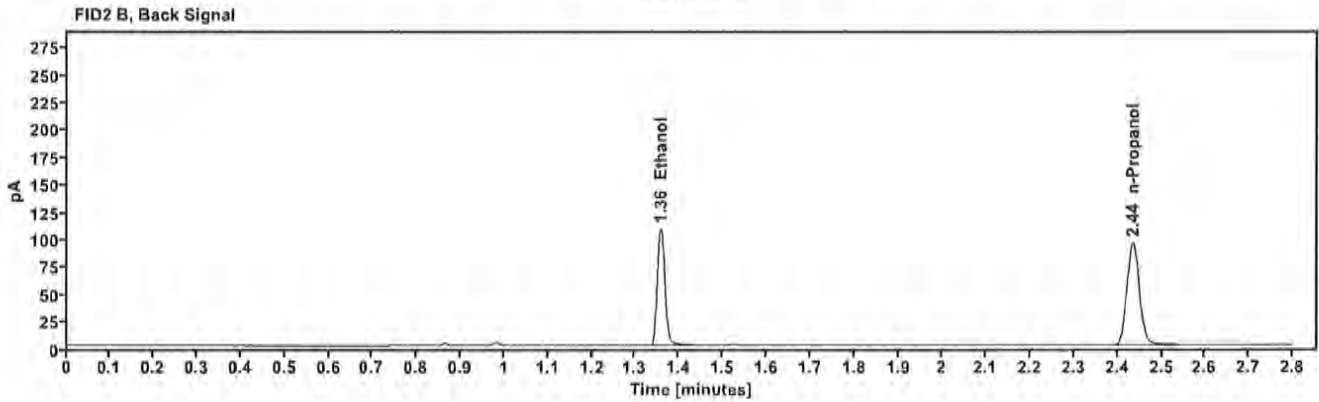
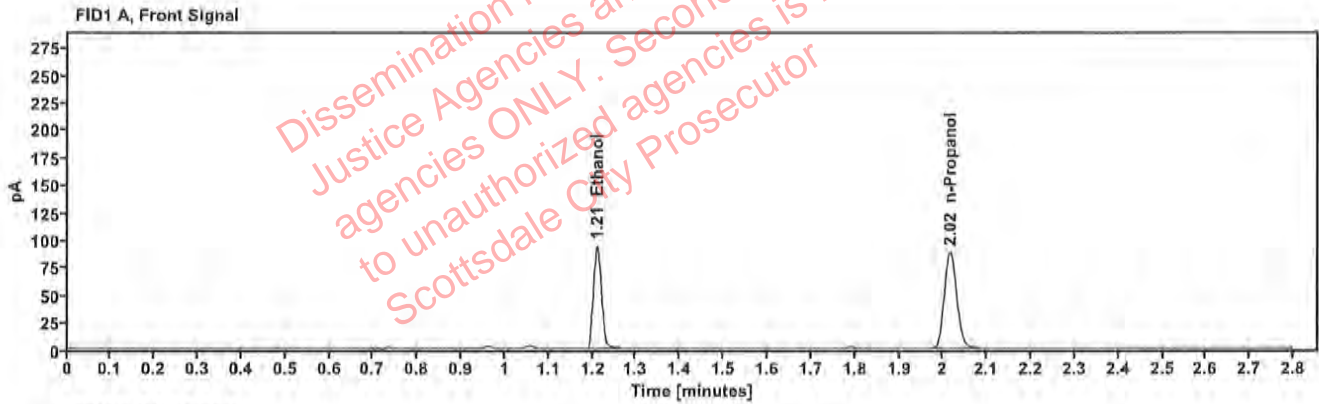


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1924	1.210	120.253
n-Propanol	-----	2.016	175.425

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

Compound	Time (min)	Peak Area
Ethanol	1.357	131.477
n-Propanol	2.435	188.914

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441625	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:50:07 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\32.D	Analyst:	Canonico

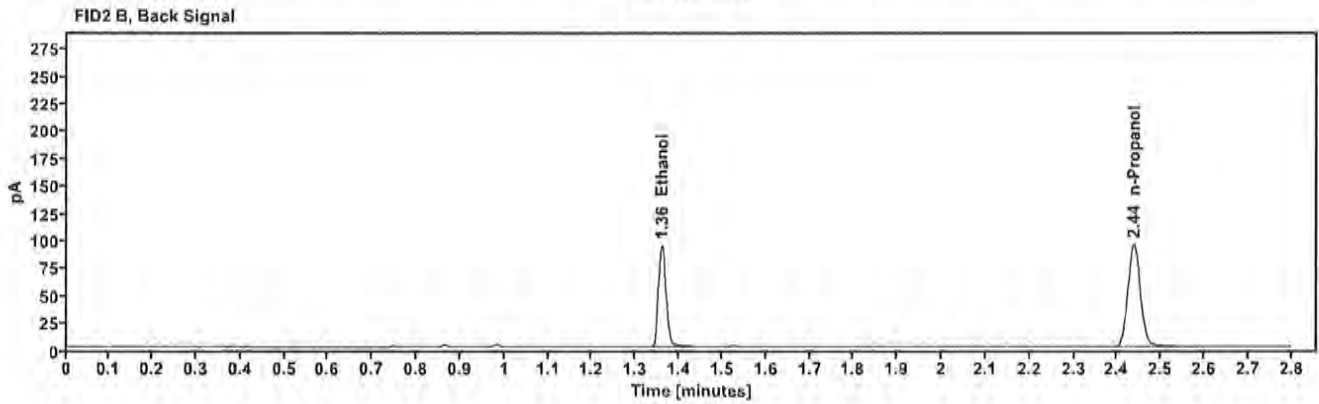
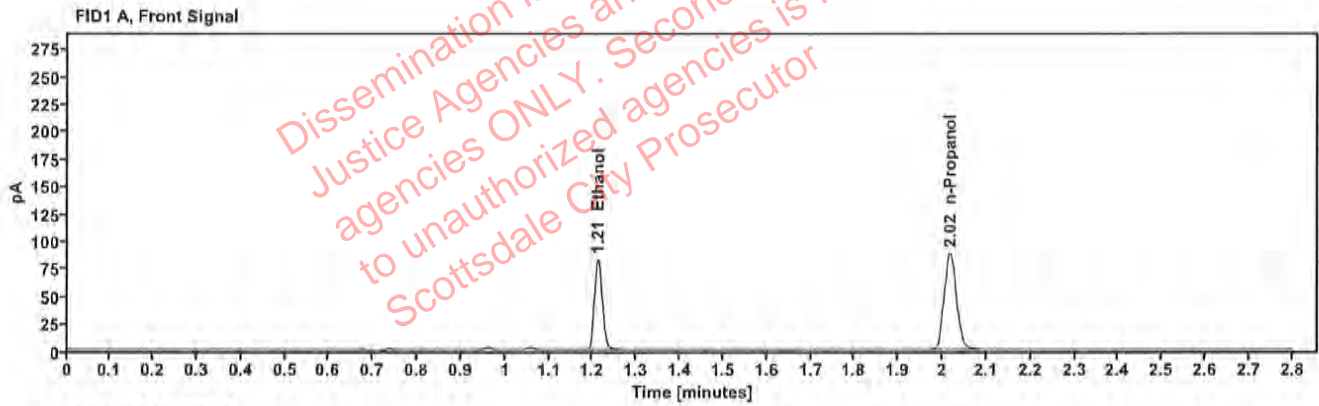


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1683	1.211	104.833
n-Propanol	—	2.017	174.819

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

Compound	Time (min)	Peak Area
Ethanol	1.360	114.702
n-Propanol	2.437	188.502

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441625	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:54:08 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\33.D	Analyst:	Canonico

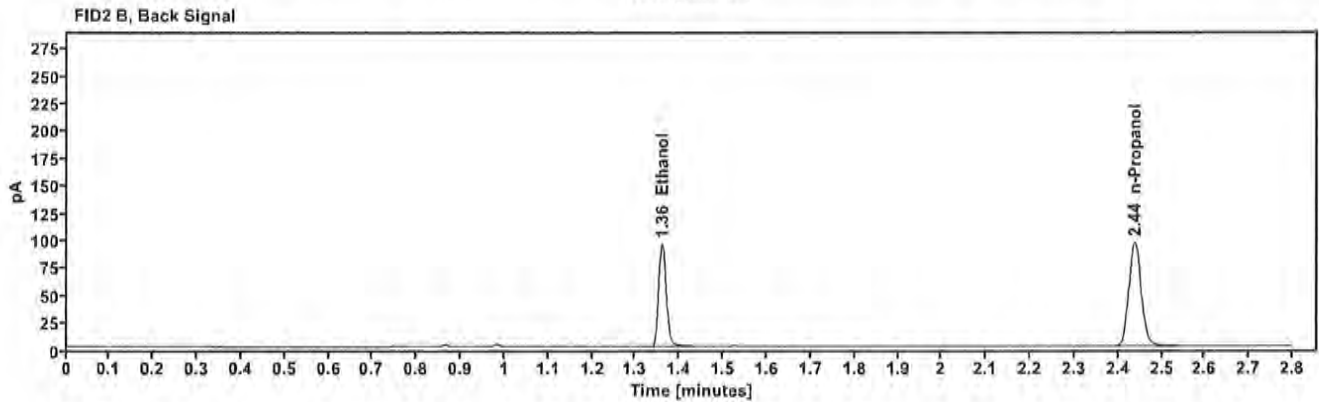
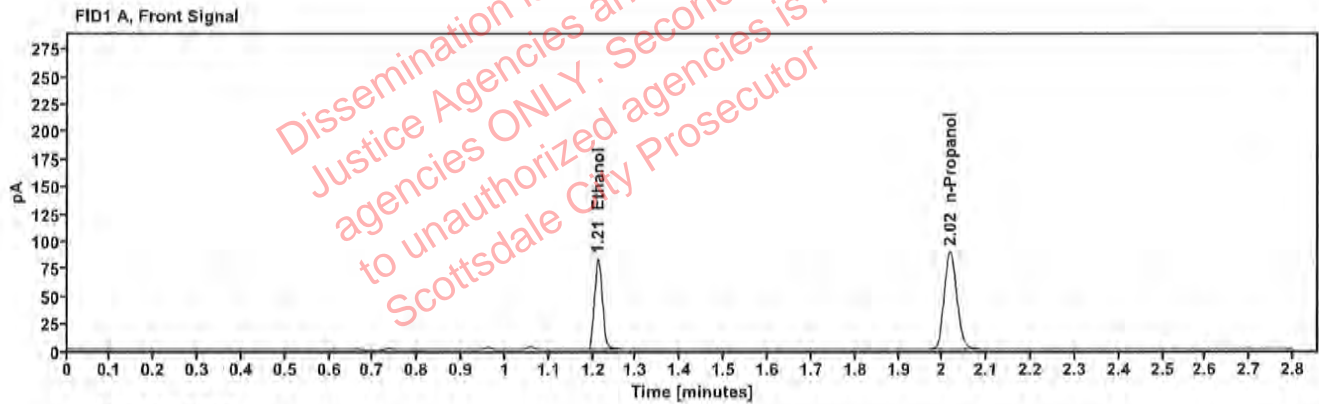


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1676	1.212	105.830
n-Propanol	---	2.017	177.241

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

Compound	Time (min)	Peak Area
Ethanol	1.360	115.756
n-Propanol	2.438	191.036

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441431	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 12:58:07 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\34.D	Analyst:	Canonico

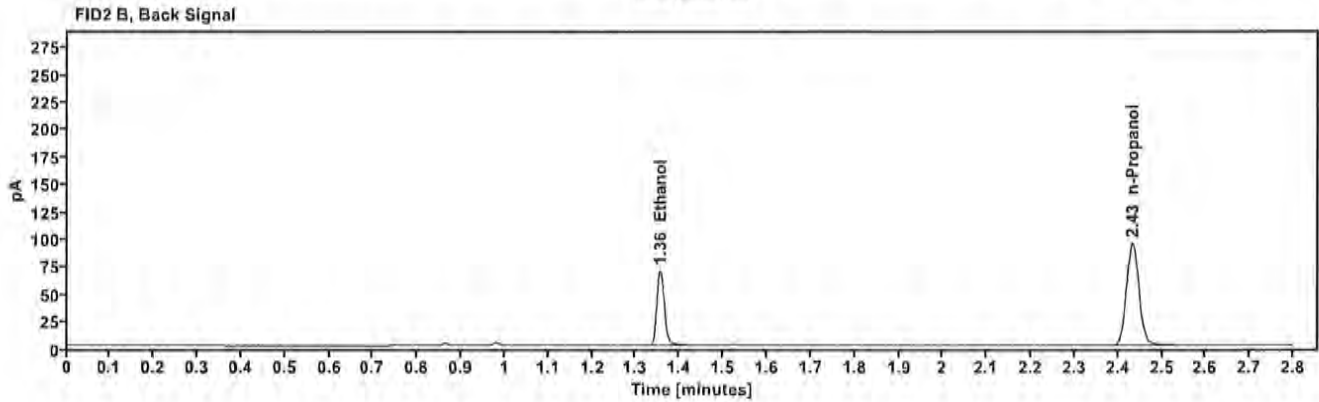
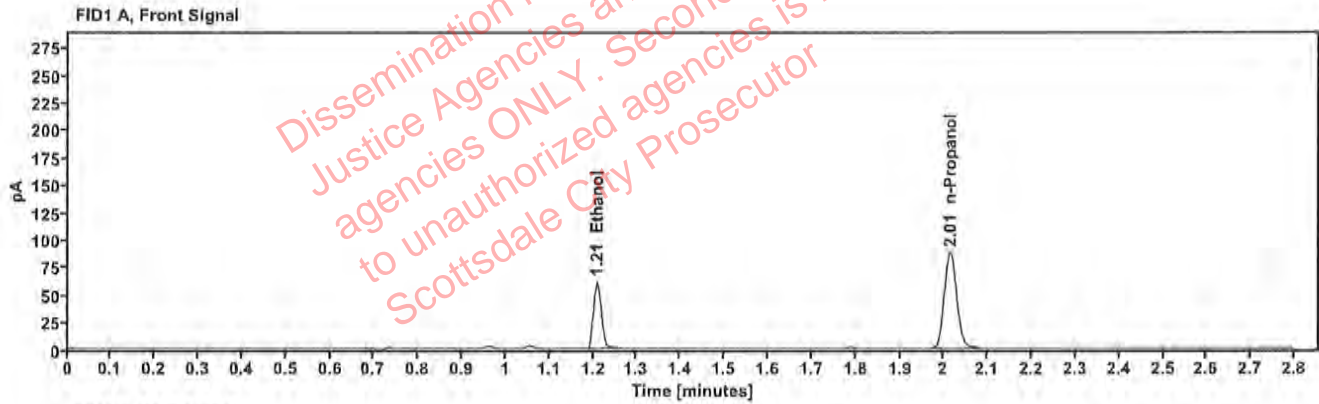


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1247	1.209	76.974
n-Propanol	—	2.014	173.411

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

Compound	Time (min)	Peak Area
Ethanol	1.355	83.674
n-Propanol	2.433	187.107

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1441431	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 1:02:07 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\35.D	Analyst:	Canonico

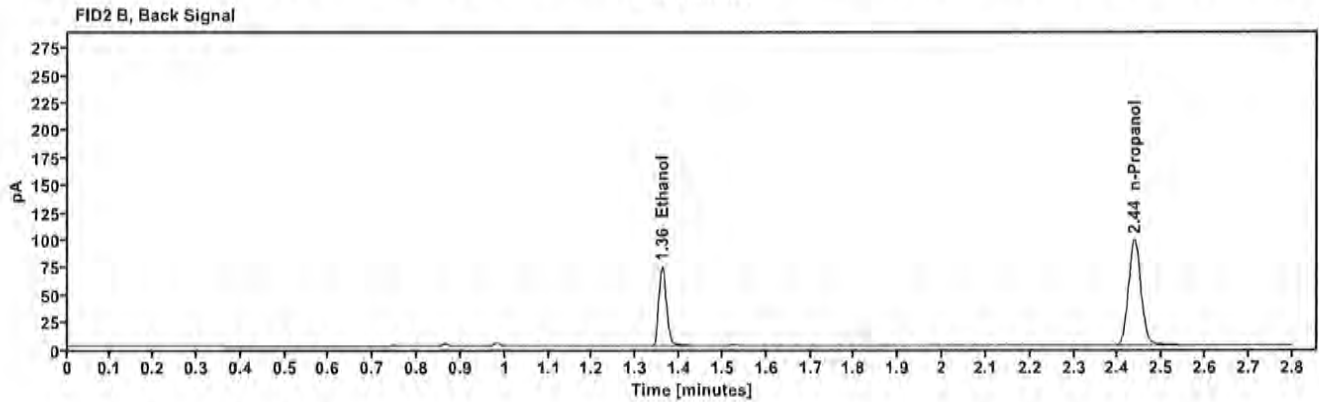
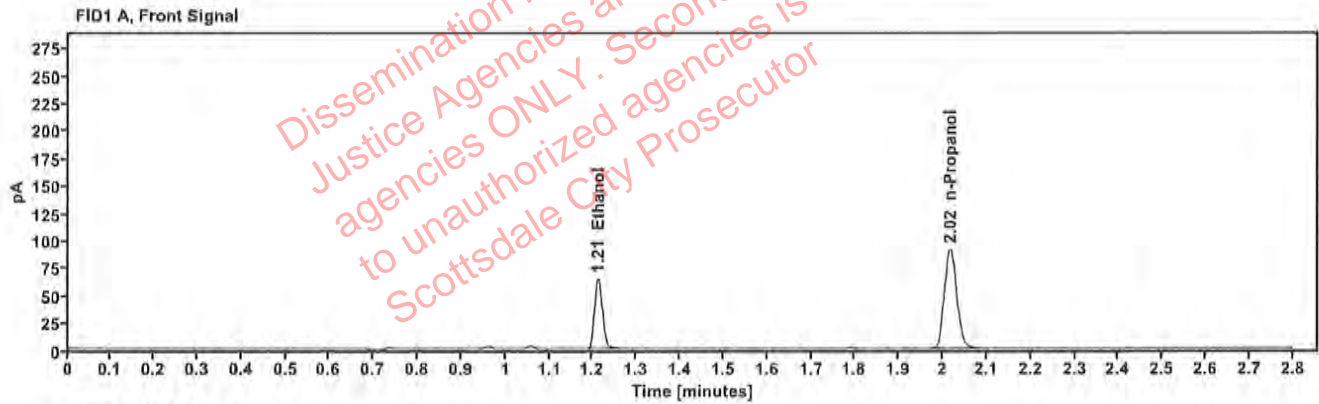


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1278	1.212	82.176
n-Propanol	---	2.017	180.664

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

Compound	Time (min)	Peak Area
Ethanol	1.360	89.509
n-Propanol	2.437	195.011

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601AM	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 1:06:07 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\36.D	Analyst:	Canonico

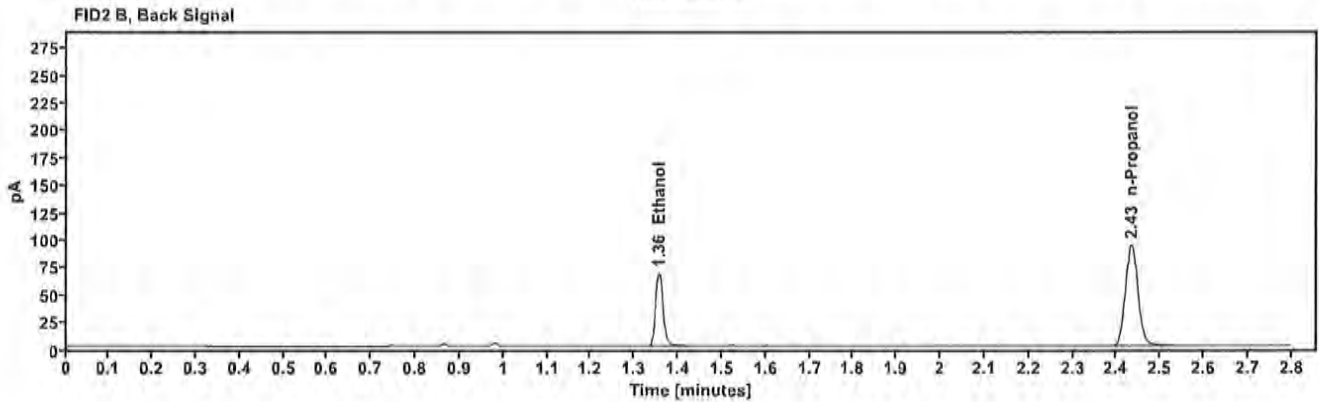
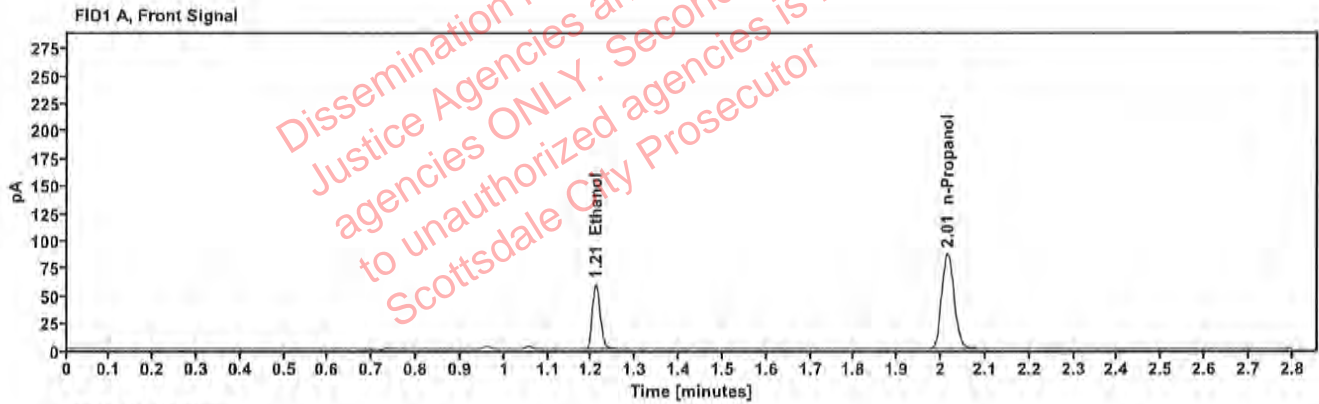


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1222	1.209	75.101
n-Propanol	---	2.014	172.667

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

Compound	Time (min)	Peak Area
Ethanol	1.356	81.681
n-Propanol	2.433	186.676

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17601AM	Vial:	37
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 1:10:23 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\37.D	Analyst:	Canonico

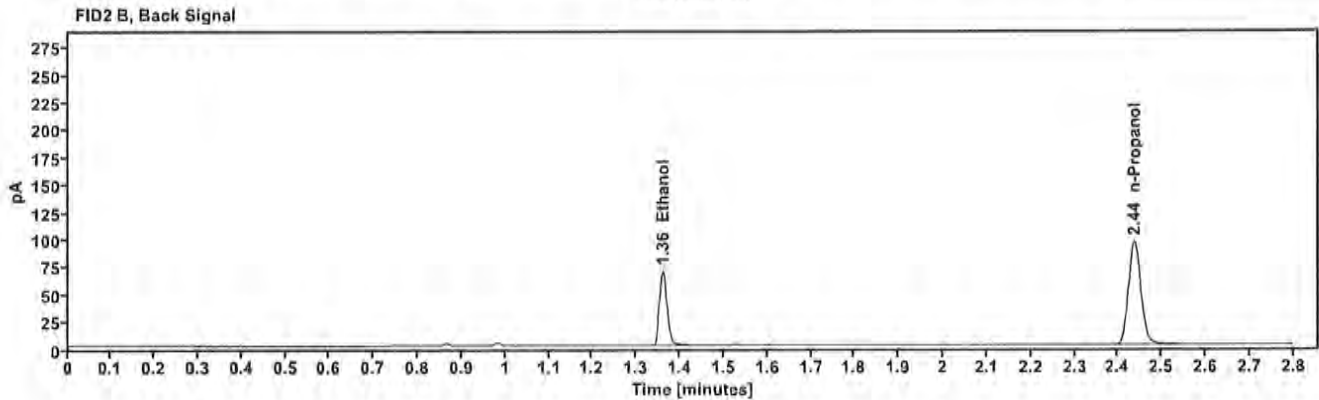
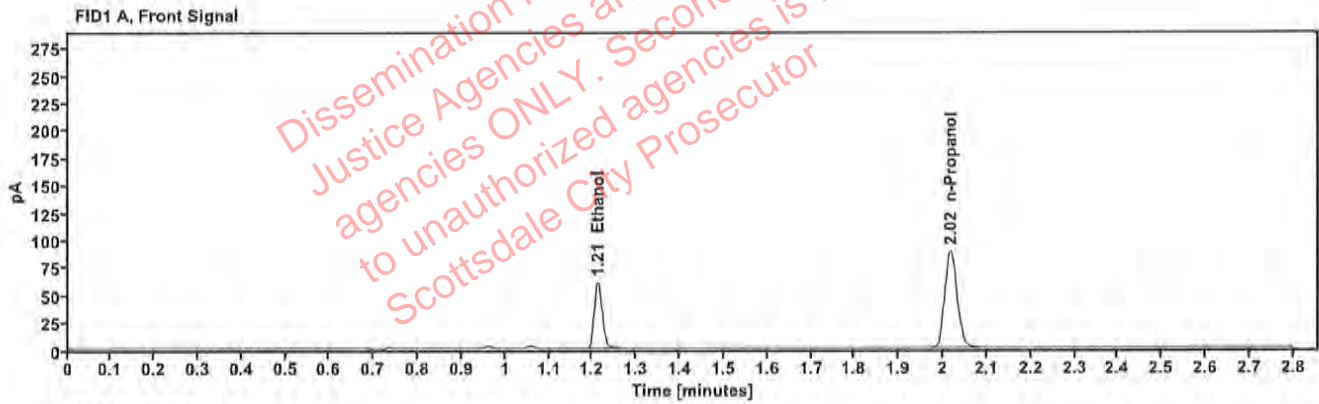


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1242	1.212	77.766
n-Propanol	---	2.017	175.896

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

Compound	Time (min)	Peak Area
Ethanol	1.360	84.517
n-Propanol	2.437	190.174

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701GC	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 1:14:22 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\38.D	Analyst:	Canonico

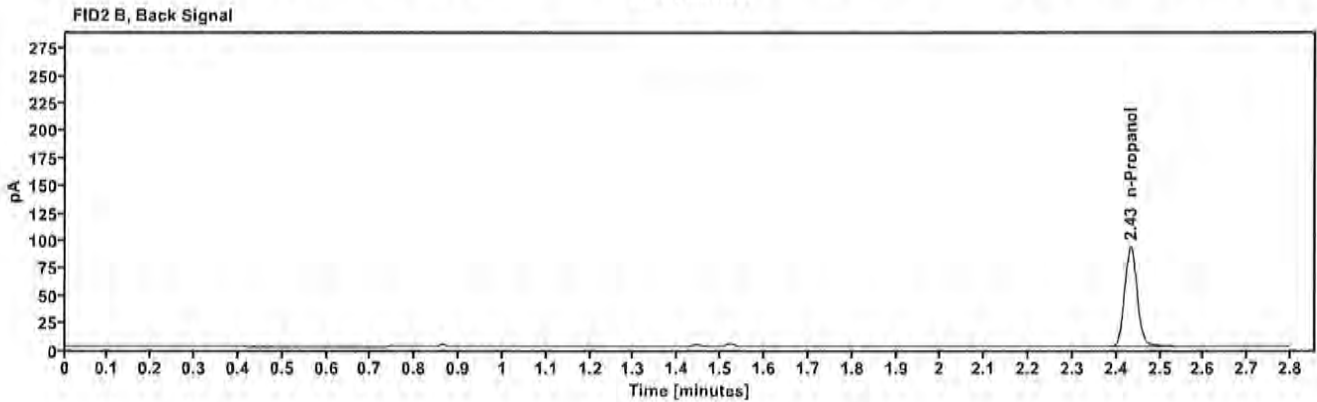
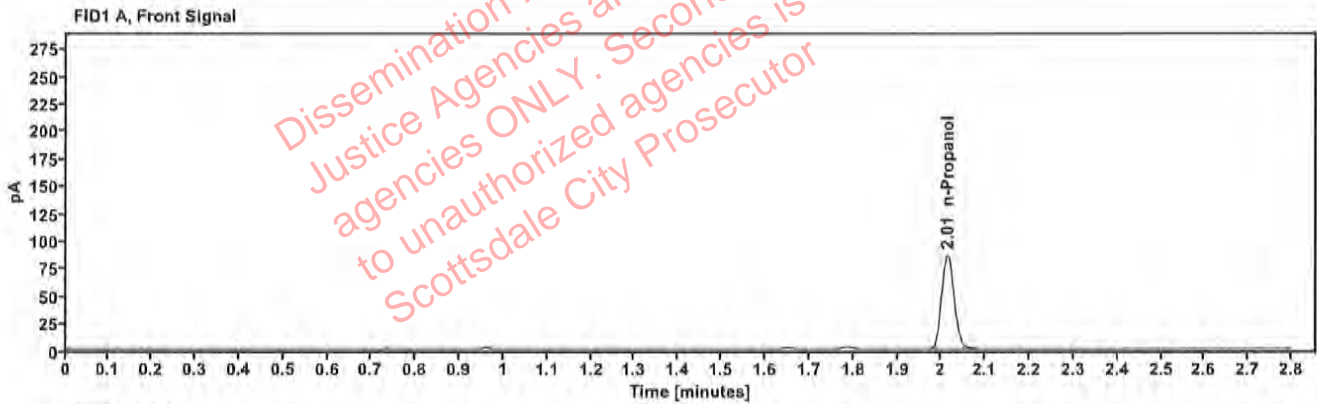


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.014	170.689

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

Compound	Time (min)	Peak Area
n-Propanol	2.432	184.902

[REDACTED] : Canonico, Erika - (25-Oct-2022)

Case: [REDACTED] User: ecanonico 10/25/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701GC	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 1:18:22 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\39.D	Analyst:	Canonico

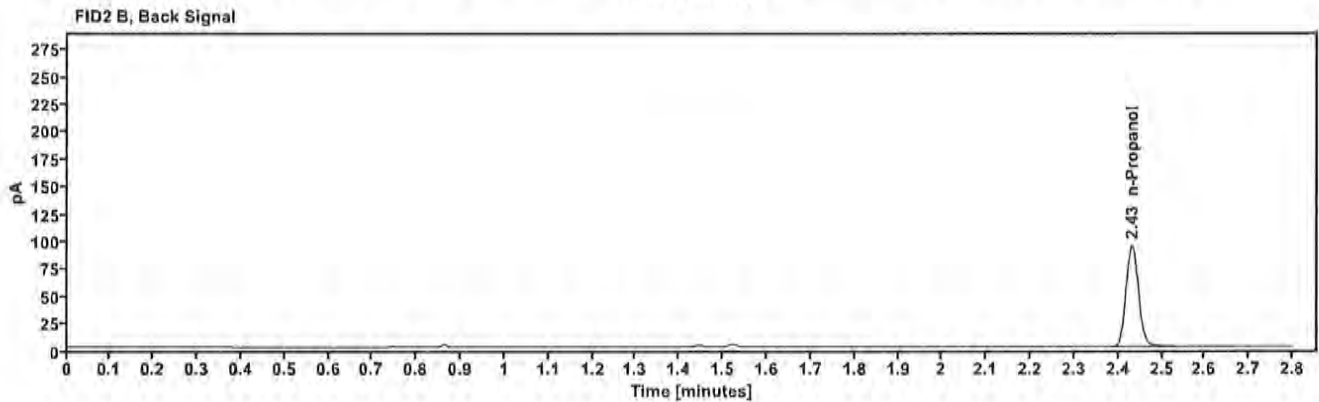
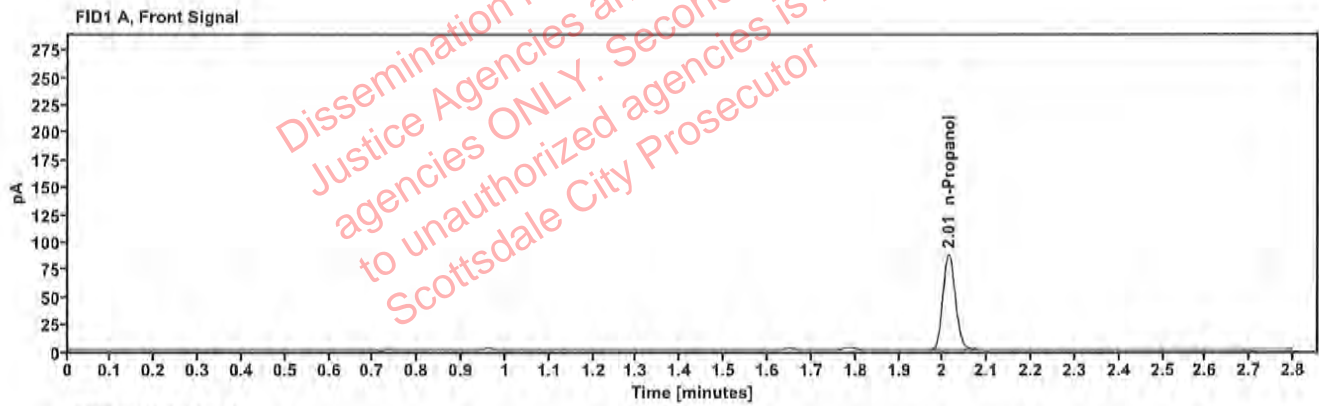


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.013	174.101

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

Compound	Time (min)	Peak Area
n-Propanol	2.431	188.466

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1435546	Vial:	40
Description:		LIMS ID:	01
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 1:22:23 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\40.D	Analyst:	Canonico

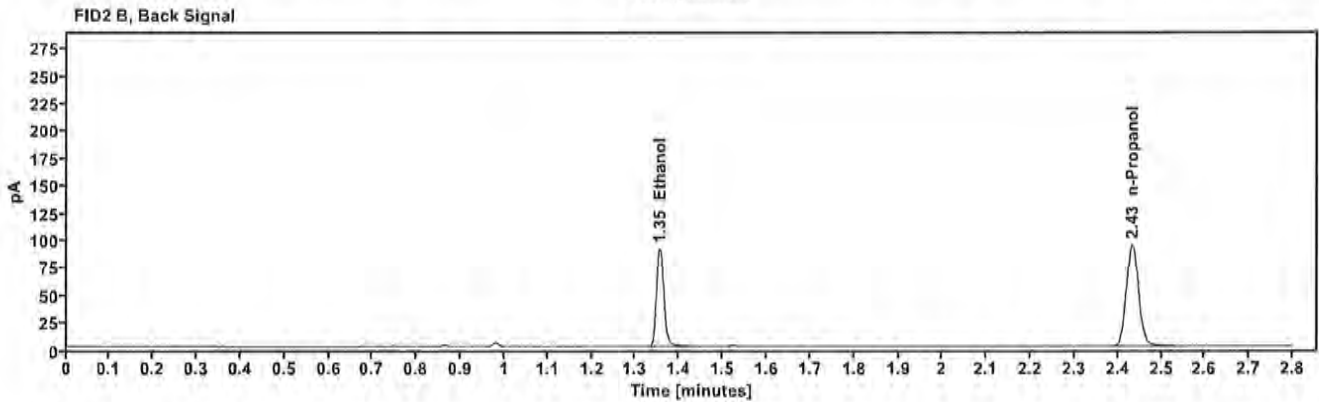
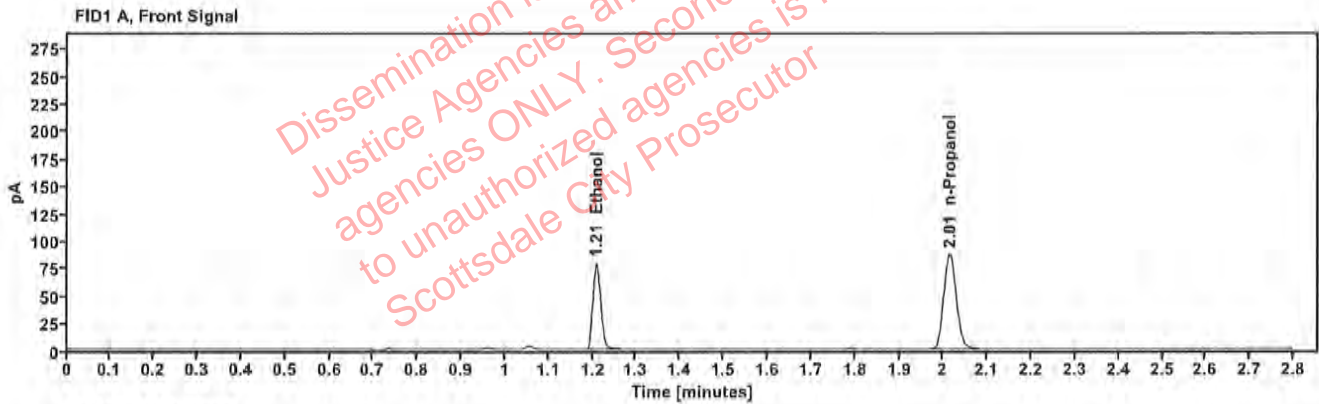


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1622	1.209	99.830
n-Propanol	—	2.014	172.769

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

Compound	Time (min)	Peak Area
Ethanol	1.355	108.304
n-Propanol	2.433	186.453

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1435546	Vial:	41
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	25Oct22
Instrument:	US14173023 CN14160045	Injection date:	10/25/2022 1:26:22 PM
Data file:	C:\Users\Public\Documents\ChemStation\1\Data\25Oct22\41.D	Analyst:	Canonico

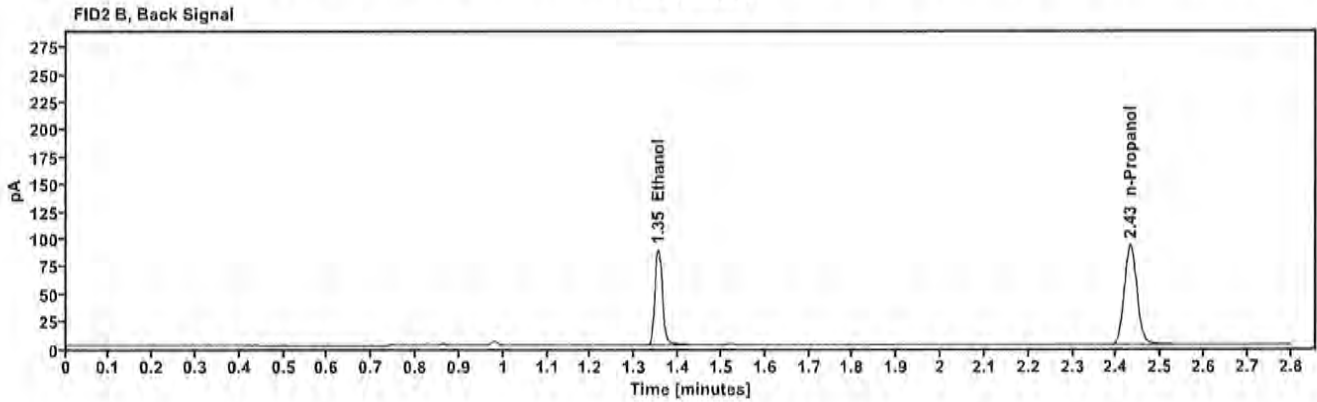
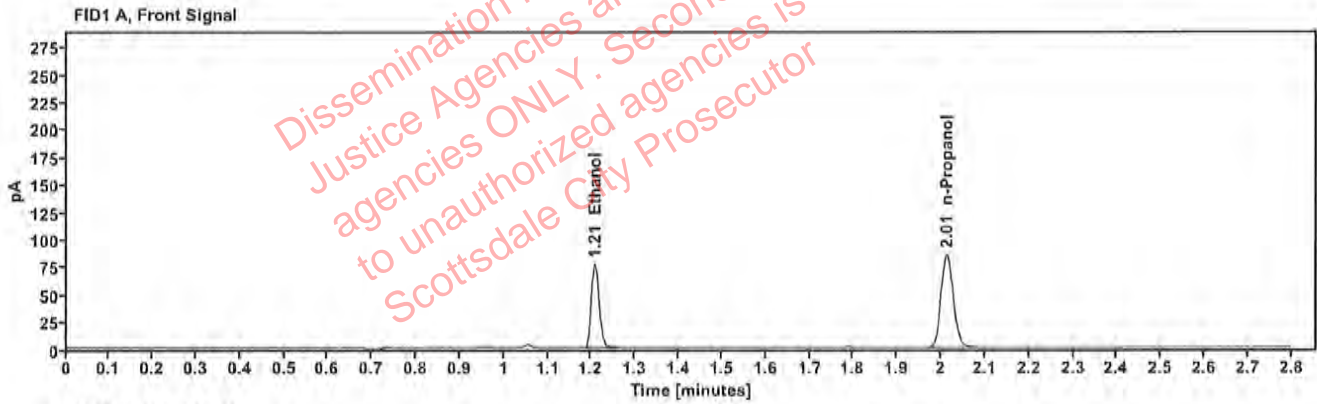


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1605	1.208	97.231
n-Propanol	---	2.013	170.059

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

Compound	Time (min)	Peak Area
Ethanol	1.353	105.694
n-Propanol	2.431	183.925