

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 11/14/2023 SEQUENCE NAME 14Nov23

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN11172002 0.99997
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 011823WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/11
20	Aqueous control	0.080 g/dL	0.082 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
40	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 30012020-A
41	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
42	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/11
43	Blank	Not detected	Not detected	SPD lab 092223AQ

SUBJECT SAMPLES

Subjects in the sequence 14 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Erika Camarero Analyst
 Run valid Run invalid Phil Lawler Technical Reviewer

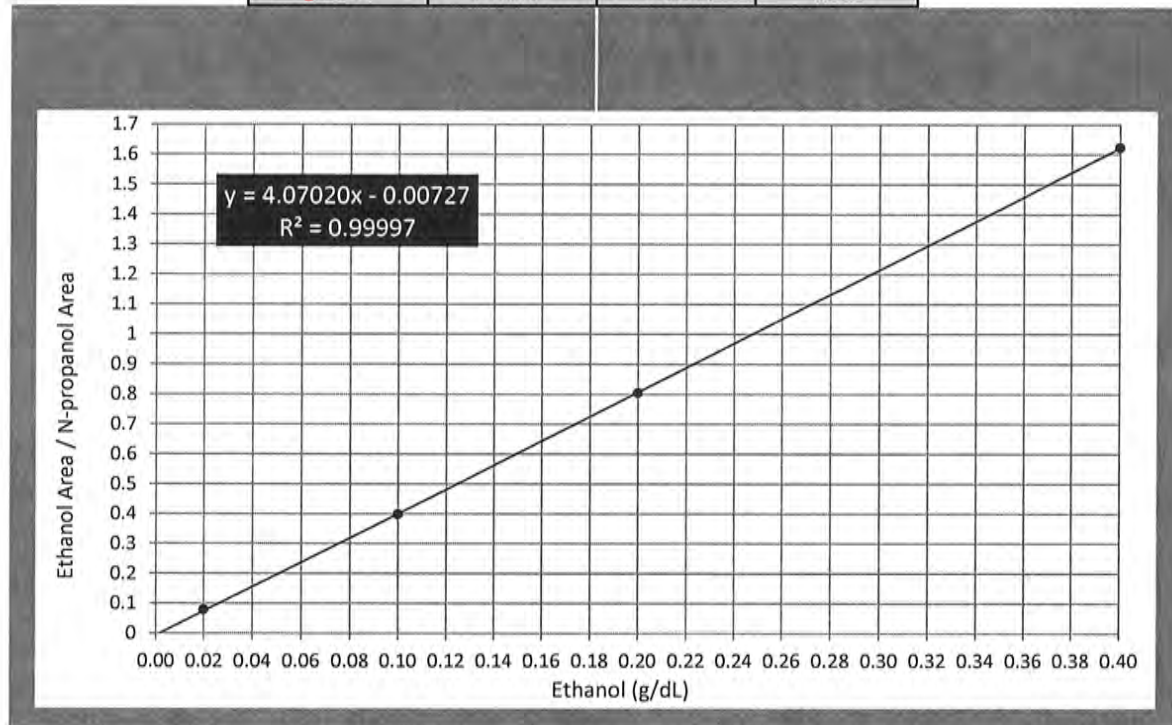
Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 14Nov23

ANALYST: Canonico ee

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 011823WB	5	negative	negative	-	-
0.400 30012020-A	7	0.400	0.400	0.00	0.000
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.199 4110320133/11	9	0.202	0.199	1.51	0.003
0.080 20012020-B	20	0.082	0.080	2.50	0.002
0.080 20012020-B	31	0.080	0.080	0.00	0.000
0.400 30012020-A	40	0.399	0.400	0.25	-0.001
0.040 14082019-B	41	0.041	0.040	2.50	0.001
0.199 4110320133/11	42	0.202	0.199	1.51	0.003
blank 092223AQ	43	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.658	149.699	0.078
0.100	59.664	150.290	0.397
0.200	118.757	147.742	0.804
0.400	241.701	148.941	1.623



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03122113	Vial: 1
Description: 0.020 calibrator	Sequence: 14Nov23
Method: ethanol quant.M	Injection date: 11/14/2023 12:20:13 PM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Chem32\1\Data\14Nov23\1.D	

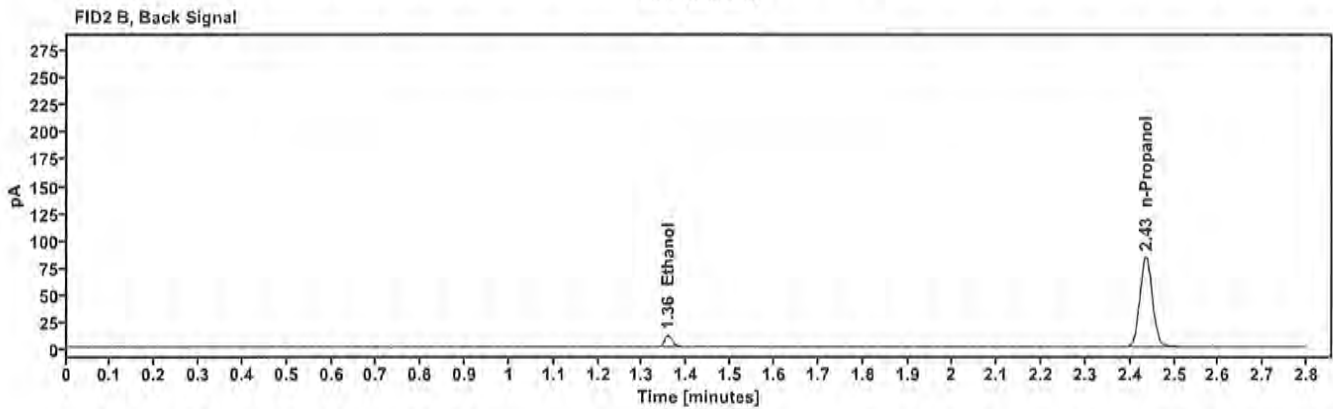
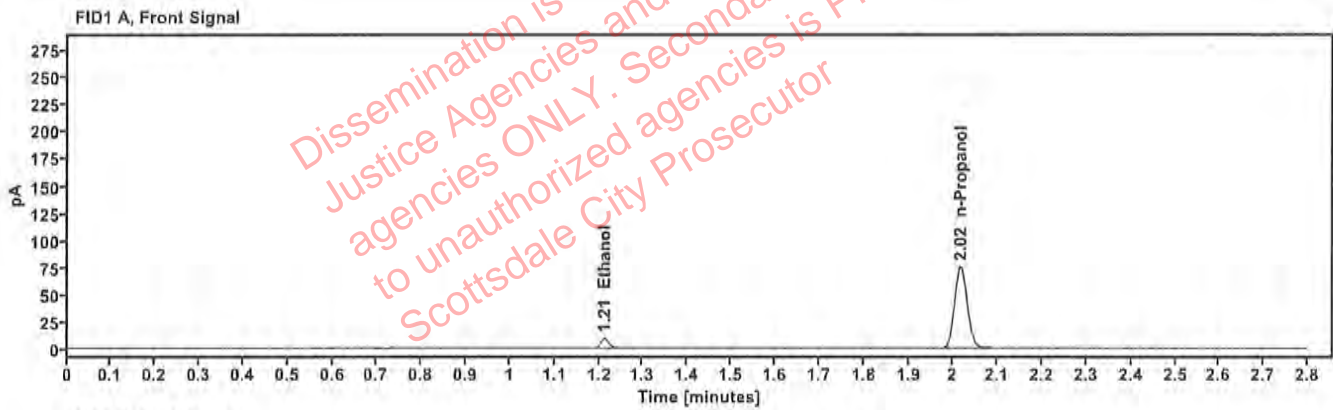


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.658
n-Propanol	2.016	149.699

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

Compound	Time (min)	Peak Area
Ethanol	1.357	12.820
n-Propanol	2.435	164.072

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN11172002	Vial: 2
Description: 0.100 calibrator	Sequence: 14Nov23
Method: ethanol quant.M	Injection date: 11/14/2023 12:24:13 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\14Nov23\2.D	

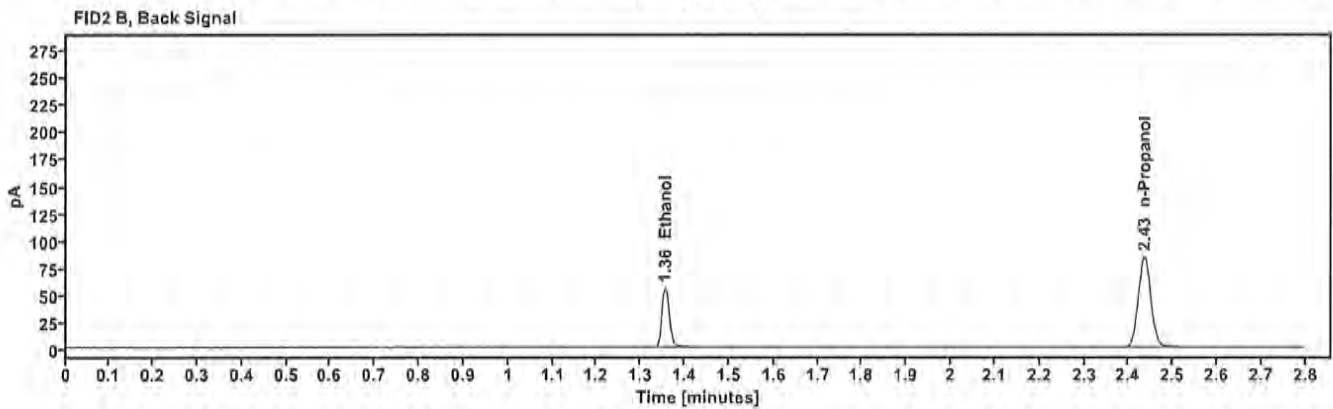
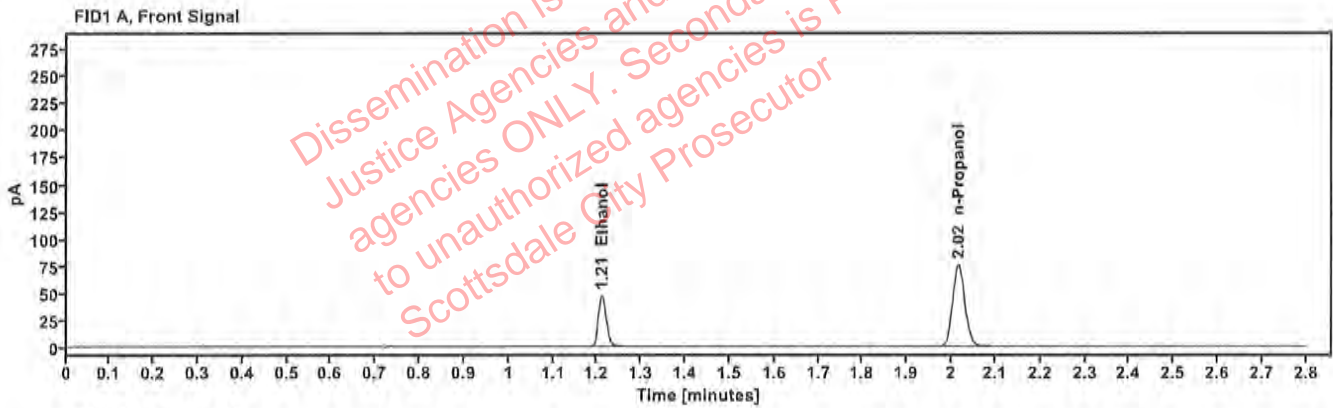


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	59.664
n-Propanol	2.016	150.290

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

Compound	Time (min)	Peak Area
Ethanol	1.355	65.689
n-Propanol	2.435	164.828

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03132302	Vial: 3
Description: 0.200 calibrator	Sequence: 14Nov23
Method: ethanol quant.M	Injection date: 11/14/2023 12:28:14 PM
Instrument: US14173023 CN14160045	Analyst: Canonico ee
Data file: C:\Chem32\1\Data\14Nov23\3.D	

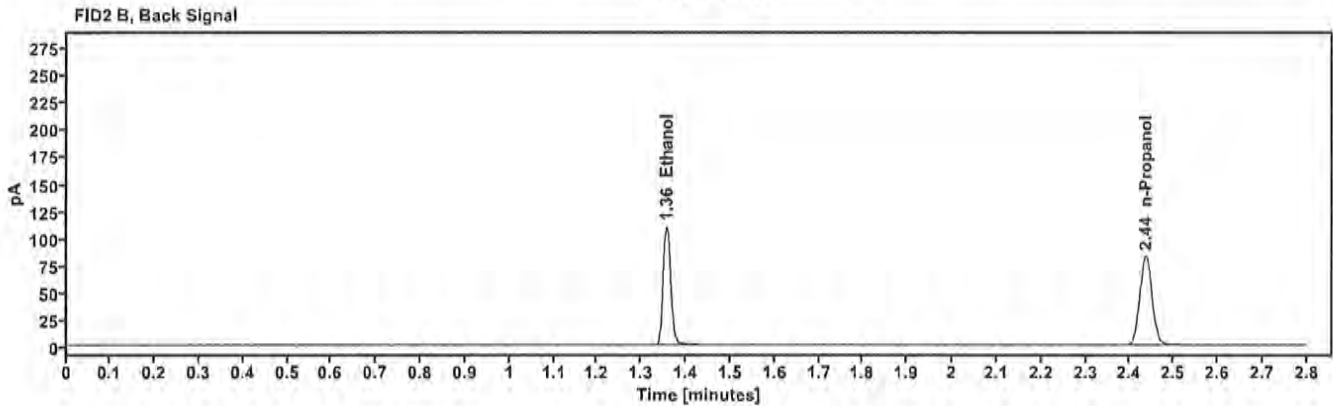
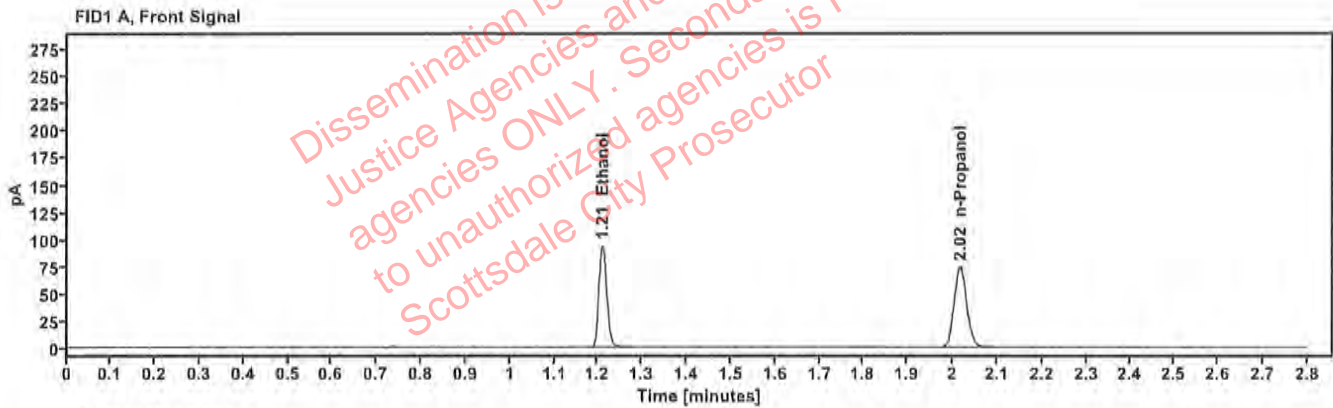


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	118.757
n-Propanol	2.017	147.742

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

Compound	Time (min)	Peak Area
Ethanol	1.356	130.996
n-Propanol	2.436	162.129

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 14Nov23
Method: ethanol quant.M	Injection date: 11/14/2023 12:32:14 PM
Instrument: US14173023 CN14160045	Analyst: Canonico EE
Data file: C:\Chem321\Data\14Nov23\4.D	

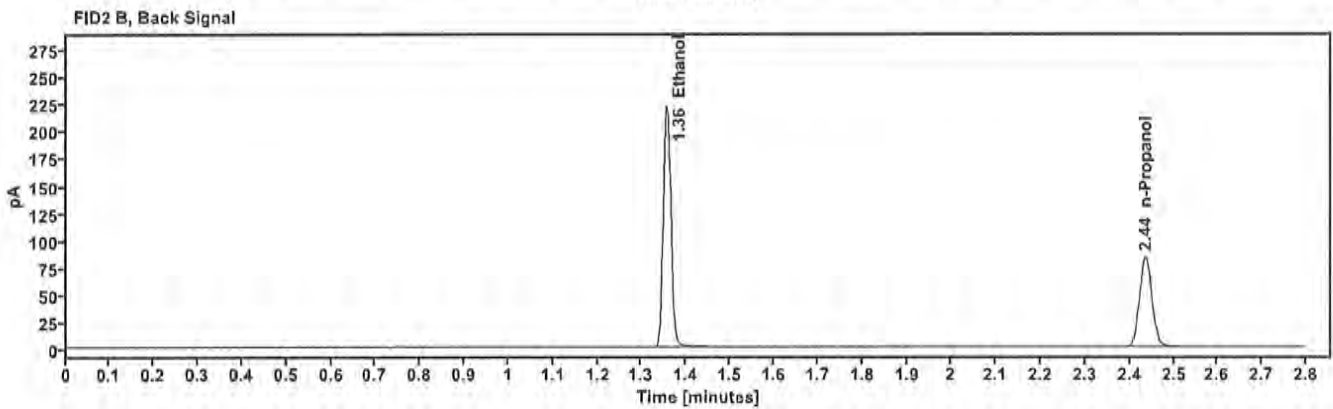
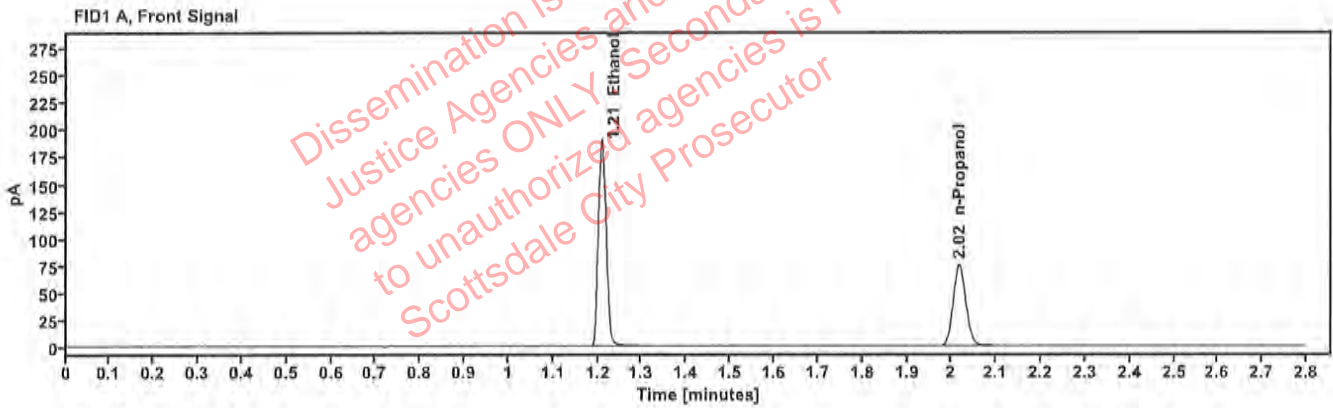


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	241.701
n-Propanol	2.017	148.941

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

Compound	Time (min)	Peak Area
Ethanol	1.356	266.637
n-Propanol	2.436	163.217

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 011823WB	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 14Nov23
Instrument: US14173023 CN14160045	Injection date: 11/14/2023 12:36:13 PM
Data file: C:\Chem32\1\Data\14Nov23\5.D	Analyst: Canonico <i>CC</i>

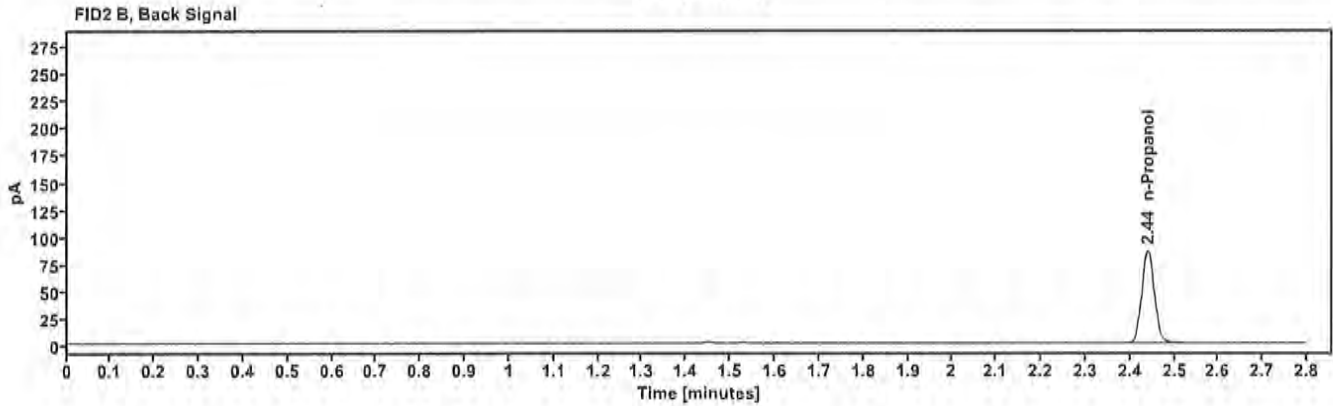
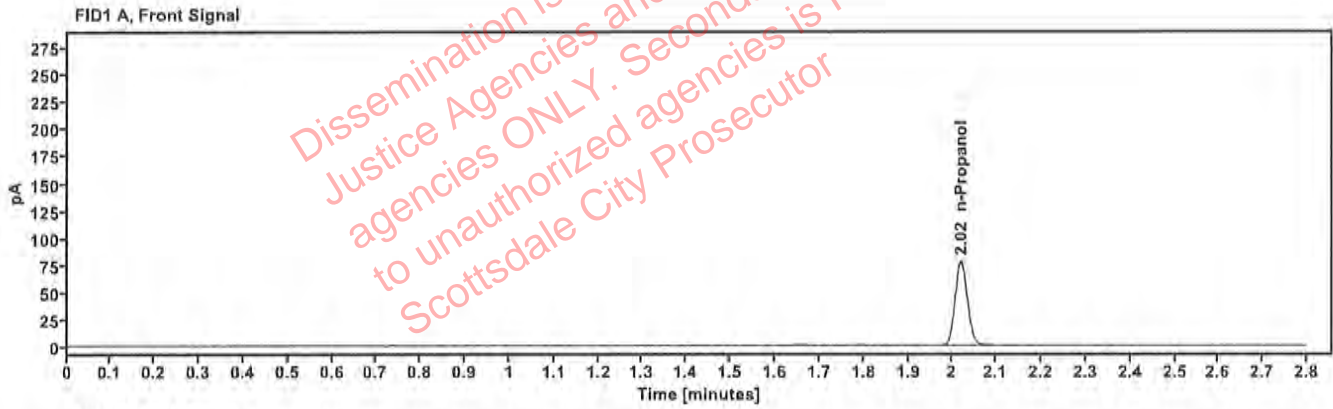


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.020	154.061

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

Compound	Time (min)	Peak Area
n-Propanol	2.440	169.003

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 14Nov23
Instrument: US14173023 CN14160045	Injection date: 11/14/2023 12:40:13 PM
Data file: C:\Chem32\1\Data\14Nov23\6.D	Analyst: Canonico <i>CC</i>

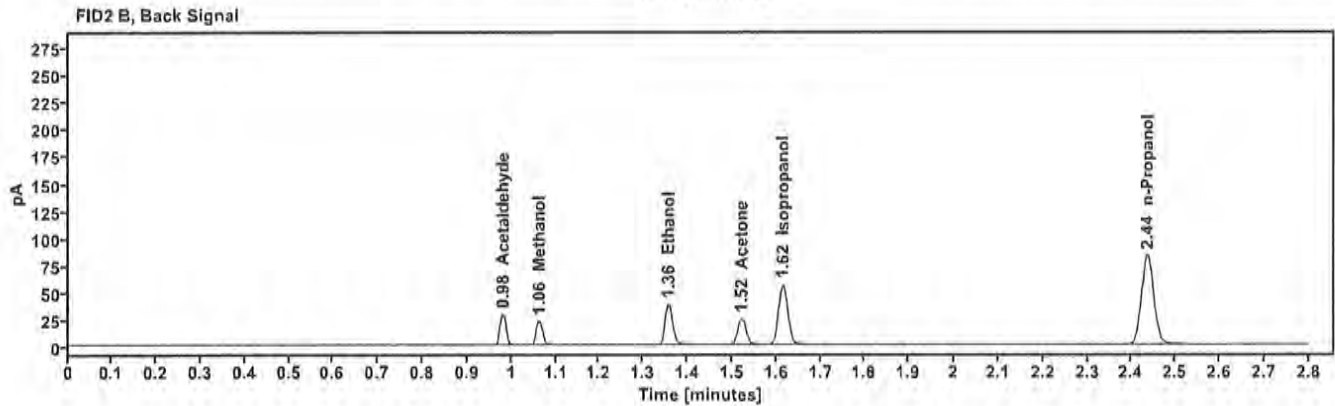
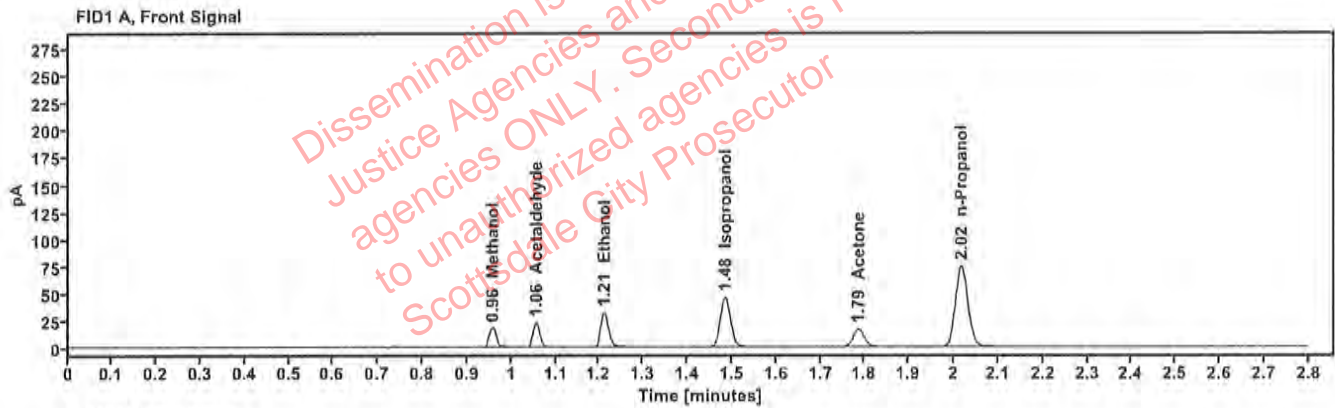


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	—	0.957	20.485
Acetaldehyde	—	1.056	24.616
>Ethanol	0.0691	1.211	40.615
Isopropanol	—	1.484	73.527
Acetone	—	1.785	28.473
n-Propanol	—	2.017	148.220

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.980	27.712
Methanol	1.062	22.837
Ethanol	1.357	44.798
Acetone	1.522	31.457
Isopropanol	1.615	81.611
n-Propanol	2.436	162.429

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 14Nov23
Instrument: US14173023 CN14160045	Injection date: 11/14/2023 12:44:28 PM
Data file: C:\Chem32\1\Data\14Nov23\7.D	Analyst: Canonico <i>ec</i>

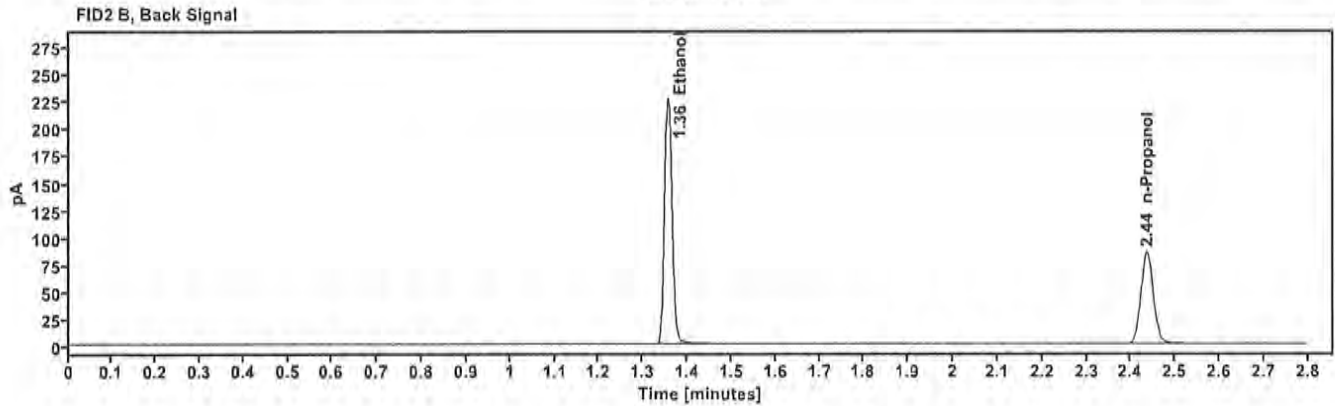
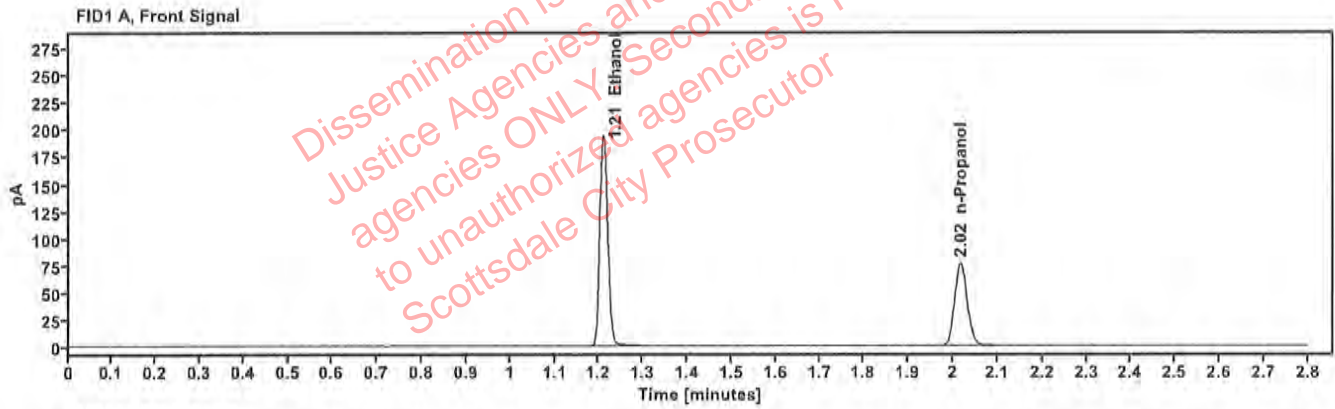


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4007	1.208	246.014
n-Propanol	—	2.017	151.513

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

Compound	Time (min)	Peak Area
Ethanol	1.356	271.640
n-Propanol	2.436	166.078

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 14Nov23
Instrument: US14173023 CN14160045	Injection date: 11/14/2023 12:48:29 PM
Data file: C:\Chem32\1\Data\14Nov23\8.D	Analyst: Canonico ee

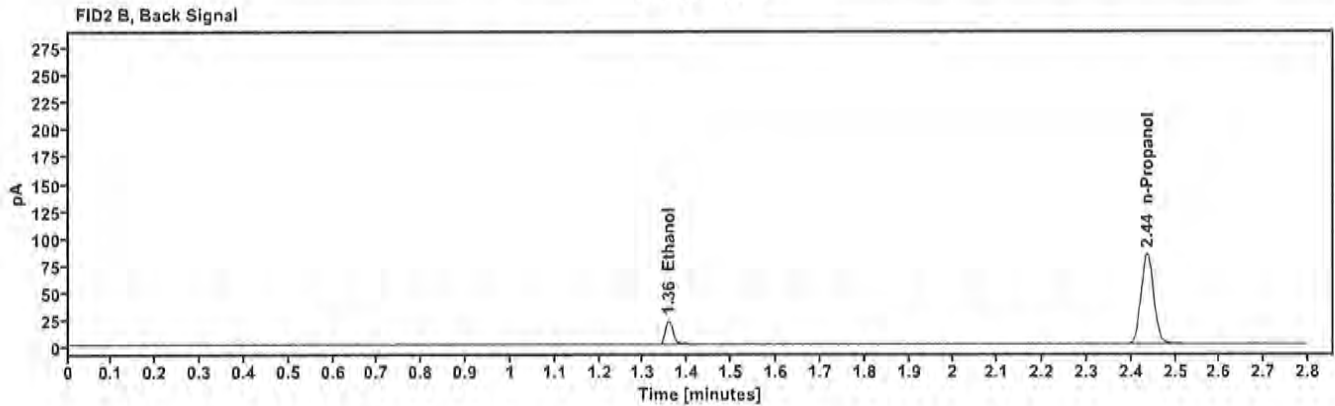
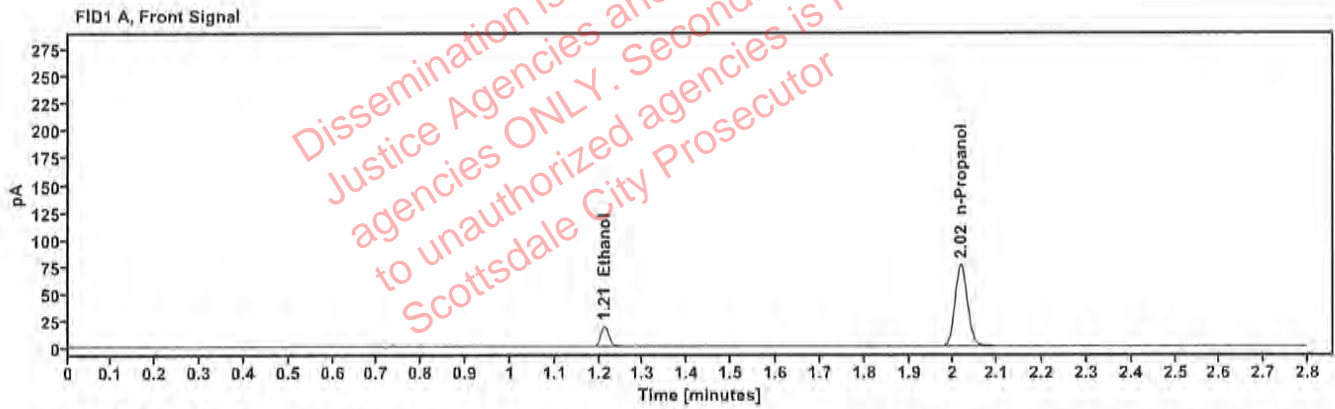


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0413	1.212	24.112
n-Propanol	-----	2.017	149.903

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

Compound	Time (min)	Peak Area
Ethanol	1.357	26.492
n-Propanol	2.436	164.482

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 14Nov23
Instrument: US14173023 CN14160045	Injection date: 11/14/2023 12:52:28 PM
Data file: C:\Chem32\1\Data\14Nov23\9.D	Analyst: Canonico <i>EC</i>

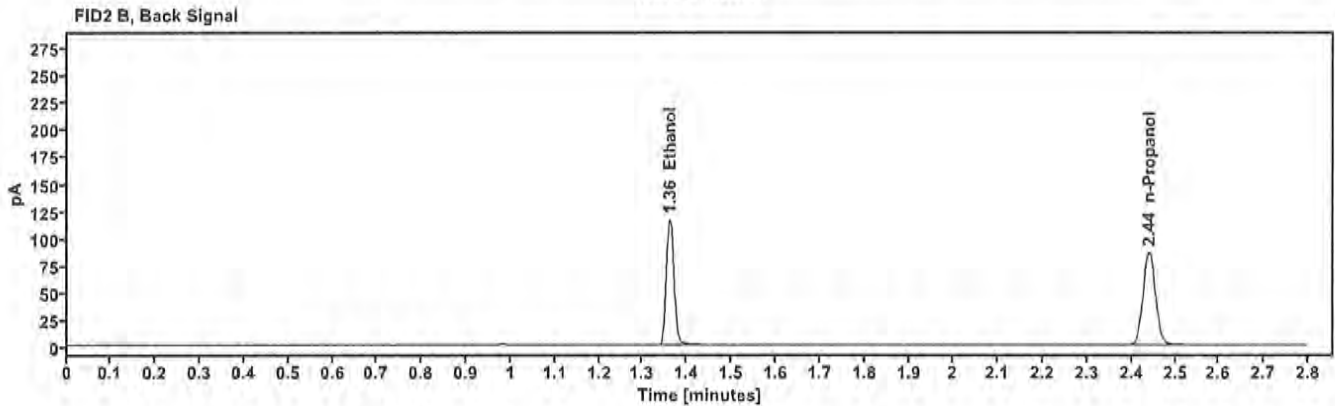
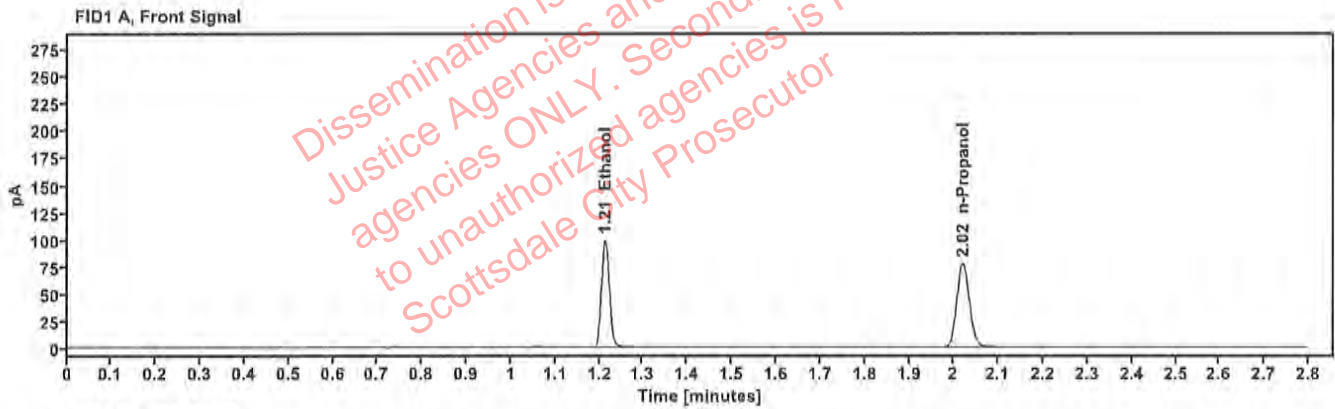


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2027	1.213	126.372
n-Propanol	—	2.020	154.500

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

Compound	Time (min)	Peak Area
Ethanol	1.361	139.120
n-Propanol	2.440	169.380

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 14Nov23
Instrument: US14173023 CN14160045	Injection date: 11/14/2023 1:36:58 PM
Data file: C:\Chem32\1\Data\14Nov23\20.D	Analyst: Canonico <i>sc</i>

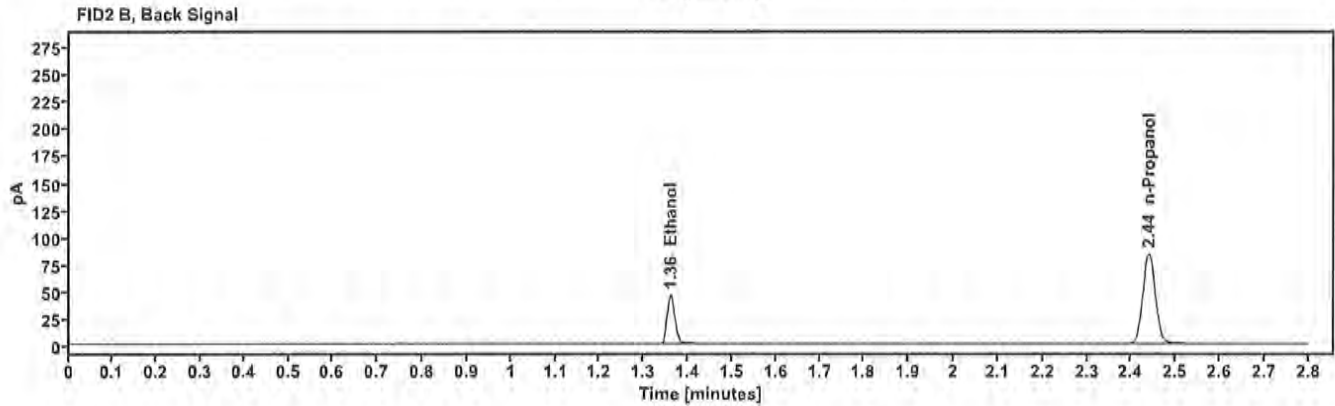
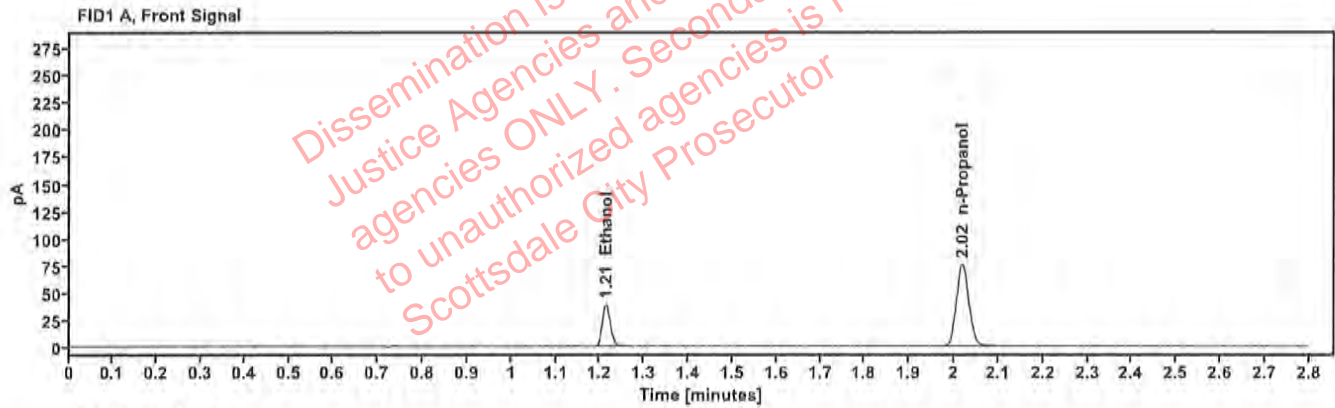


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0822	1.213	49.369
n-Propanol	---	2.018	150.845

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

Compound	Time (min)	Peak Area
Ethanol	1.360	54.423
n-Propanol	2.439	165.036

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:21:29 PM
Data file:	C:\Chem32\1\Data\14Nov23\31.D	Analyst:	Canonico <i>EC</i>

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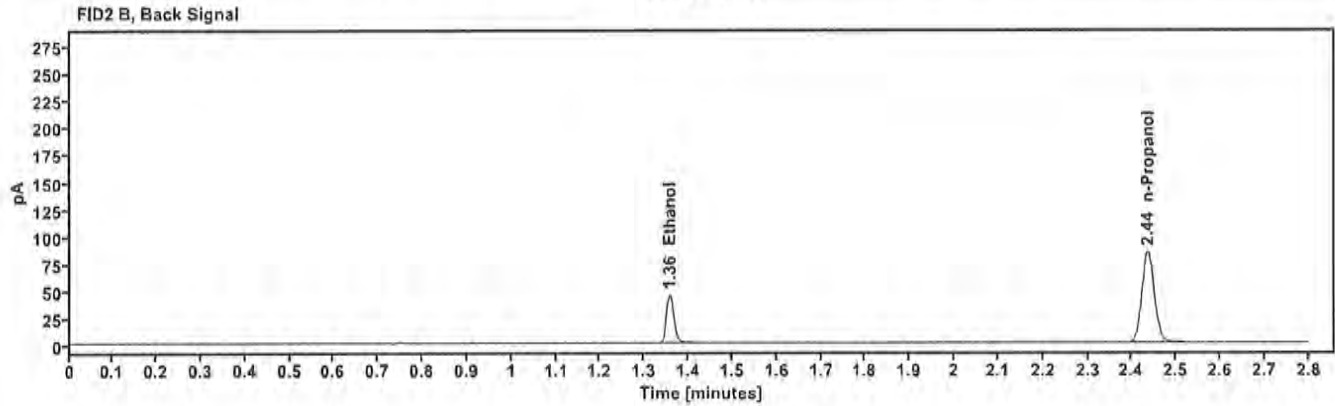
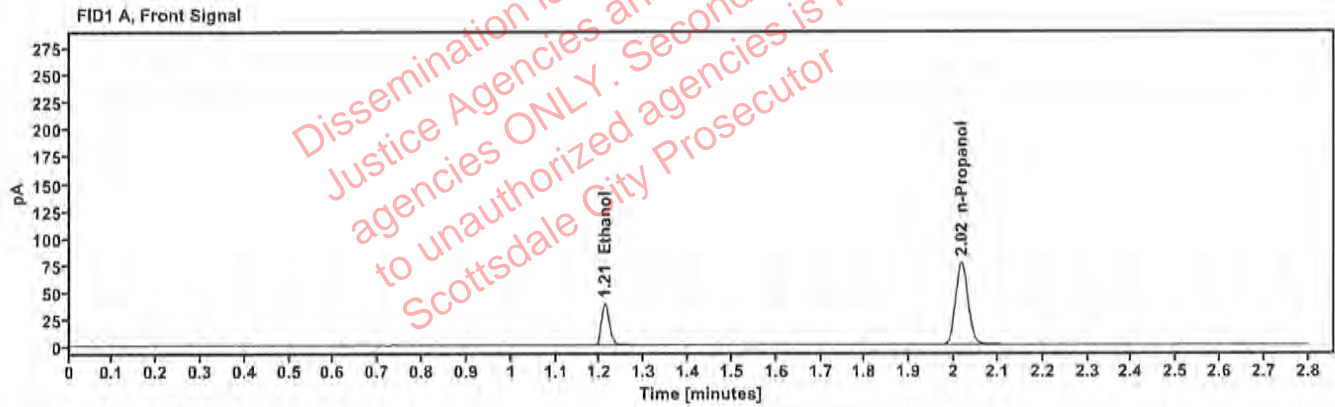


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.211	48.528
n-Propanol	—	2.017	151.139

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

Compound	Time (min)	Peak Area
Ethanol	1.357	53.325
n-Propanol	2.436	165.623

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 40
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 14Nov23
Instrument: US14173023 CN14160045	Injection date: 11/14/2023 2:57:44 PM
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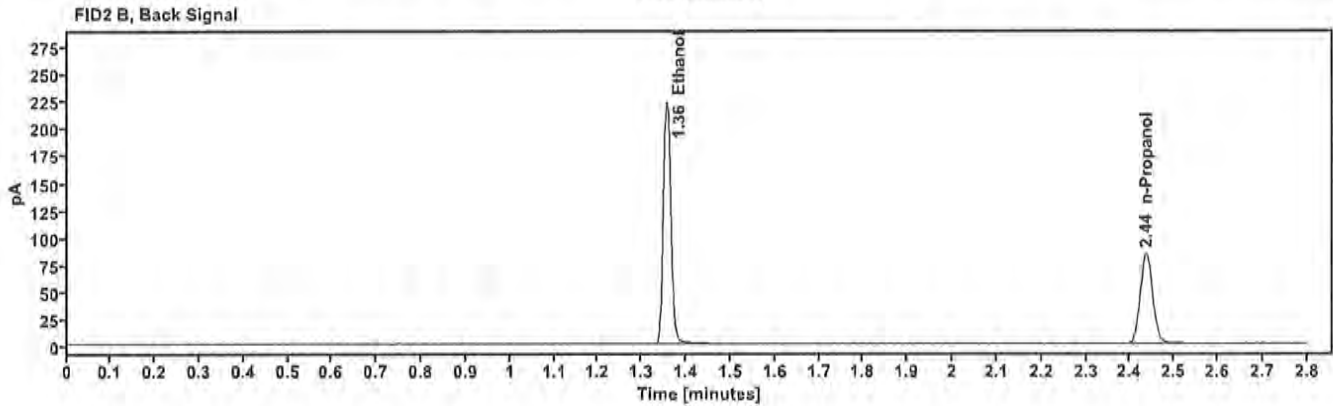
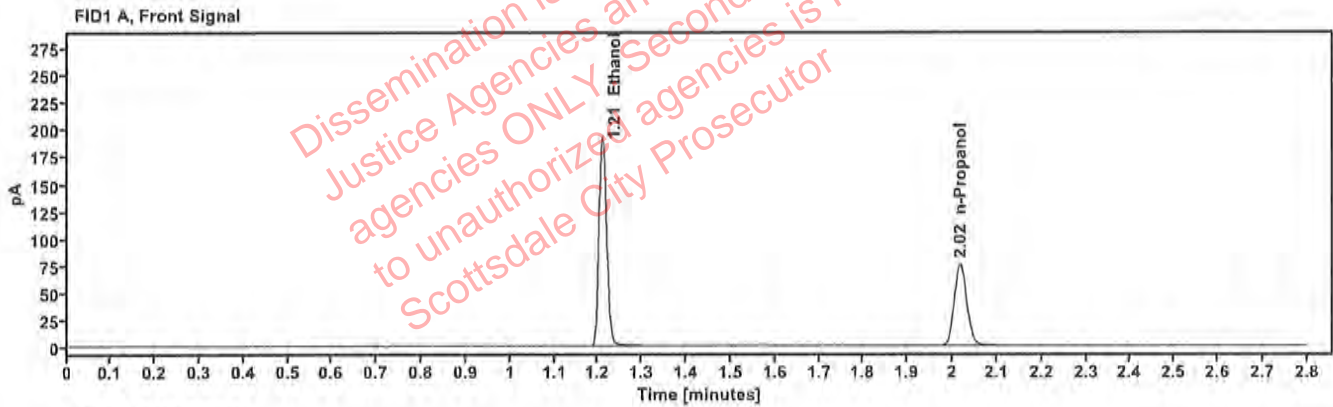


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3997	1.209	242.964
n-Propanol	-----	2.017	150.019

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

Compound	Time (min)	Peak Area
Ethanol	1.356	268.266
n-Propanol	2.436	164.404

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	41
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 3:01:43 PM
Data file:	C:\Chem32\1\Data\14Nov23\41.D	Analyst:	Canonico <i>EC</i>

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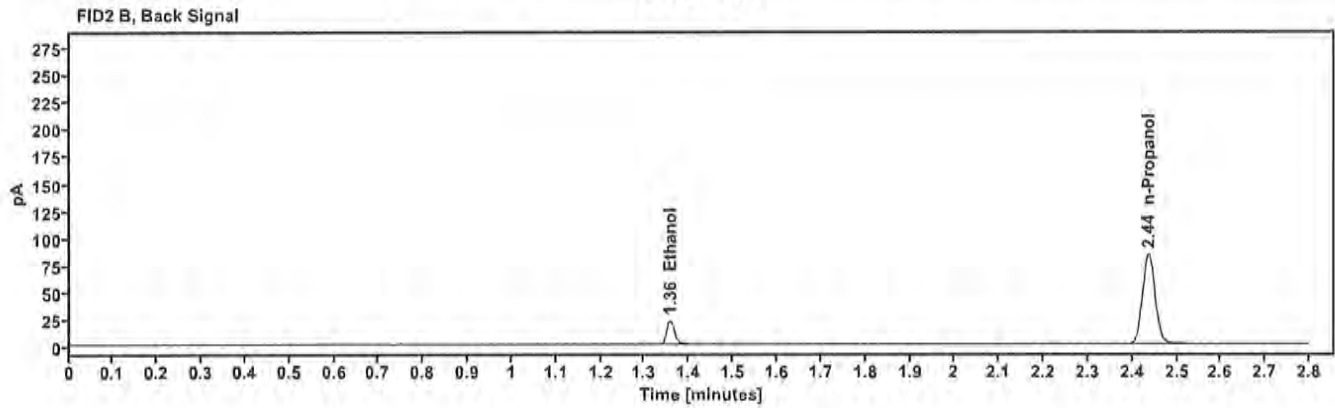
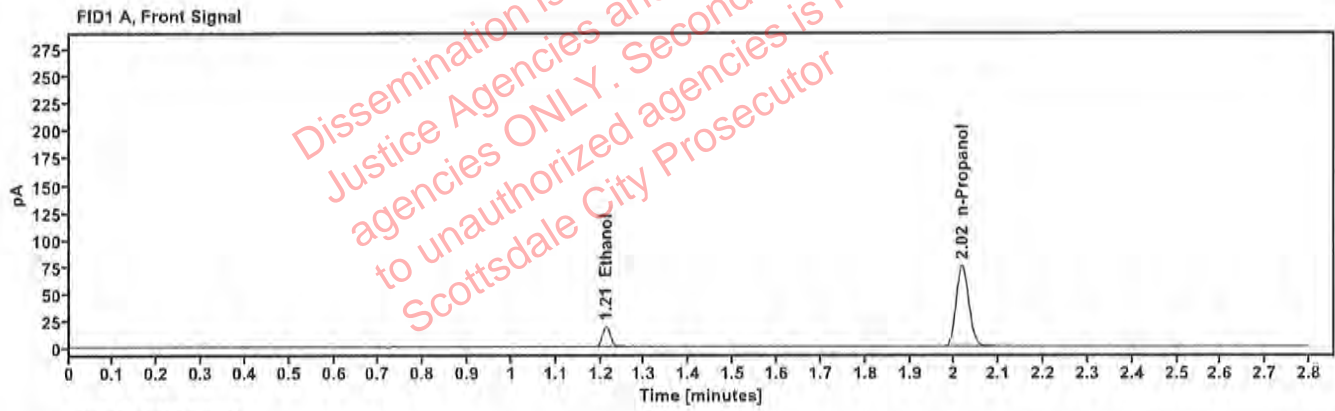


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0416	1.212	24.191
n-Propanol	—	2.017	149.265

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

Compound	Time (min)	Peak Area
Ethanol	1.358	26.463
n-Propanol	2.436	163.682

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 42
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 14Nov23
Instrument: US14173023 CN14160045	Injection date: 11/14/2023 3:05:43 PM
Data file: C:\Chem32\1\Data\14Nov23\42.D	Analyst: Canonico <i>EC</i>

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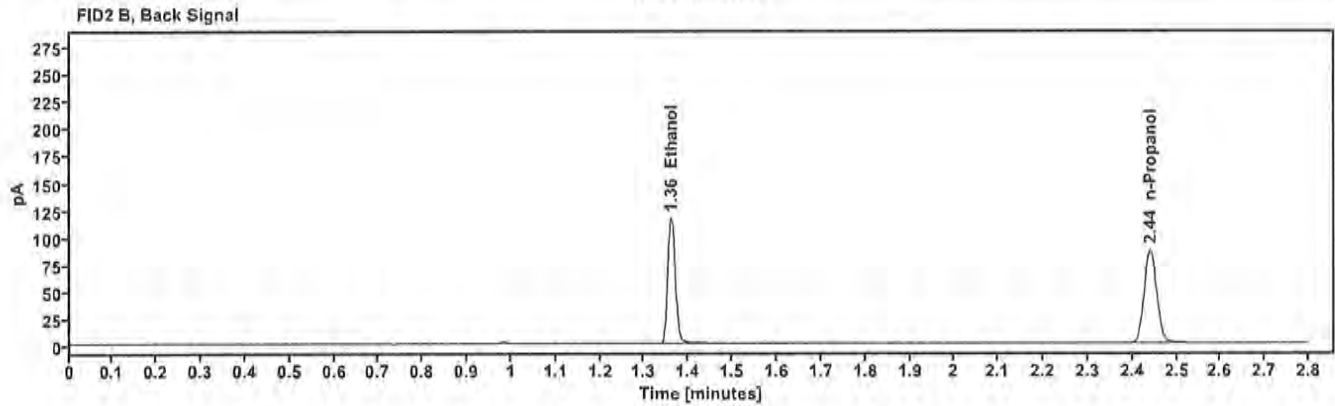
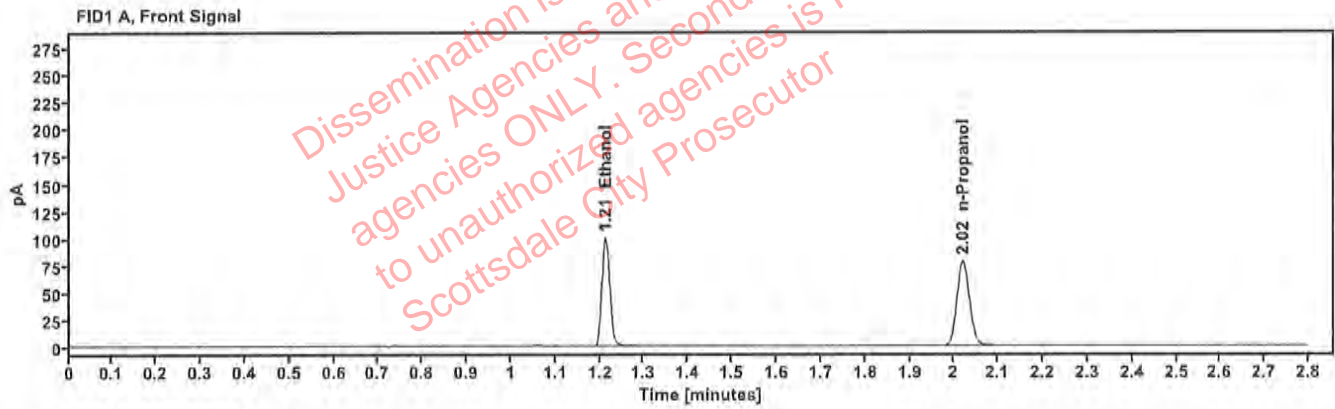


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2027	1.213	127.276
n-Propanol	---	2.020	155.661

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

Compound	Time (min)	Peak Area
Ethanol	1.361	140.211
n-Propanol	2.440	170.743

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 092223AQ	Vial: 43
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 14Nov23
Instrument: US14173023 CN14160045	Injection date: 11/14/2023 3:09:58 PM
Data file: C:\Chem32\1\Data\14Nov23\43.D	Analyst: Canonico <i>EC</i>

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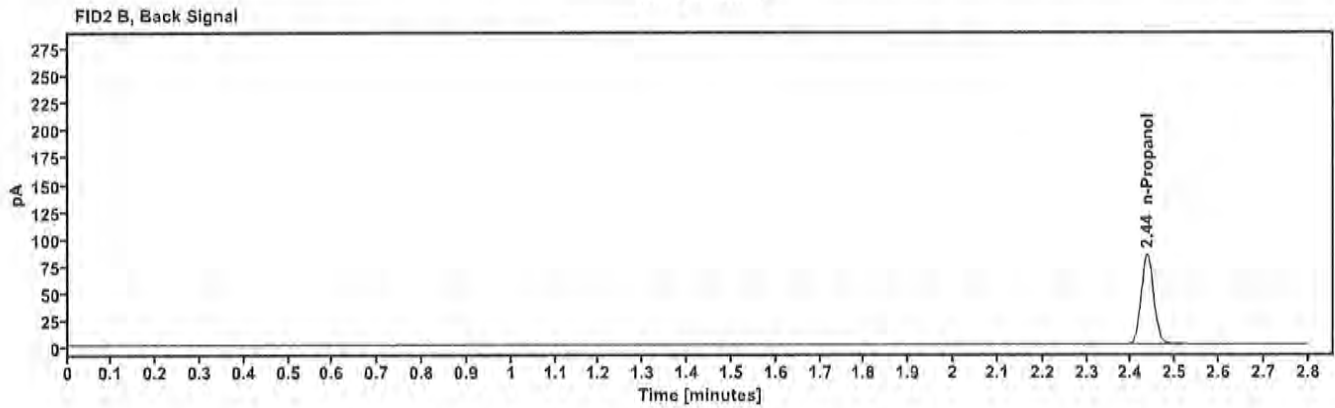
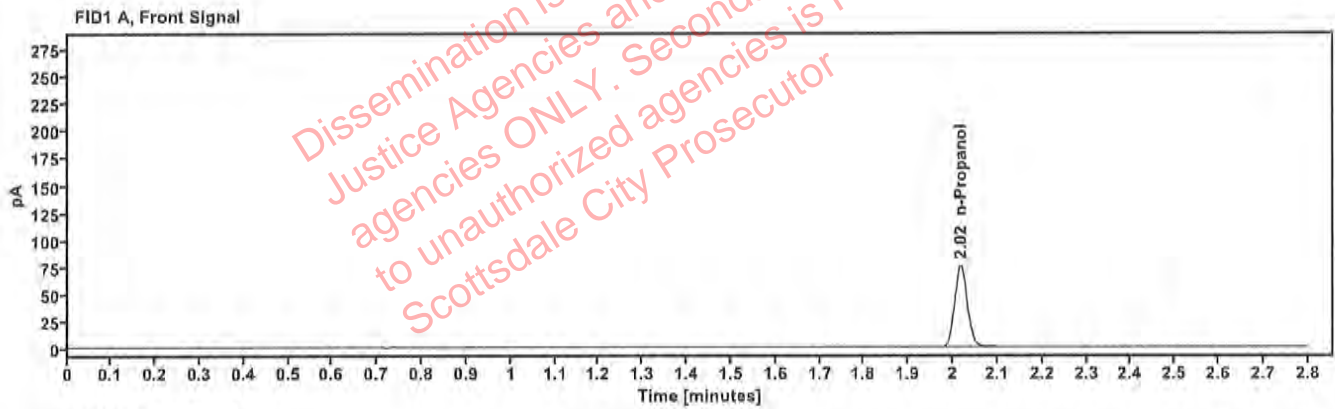


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	150.135

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

Compound	Time (min)	Peak Area
n-Propanol	2.436	164.452

Sequence Summary

Sequence name: 14Nov23 Instrument: US14173023 CN14160045 Analyst: Canonico *ec*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN11172002	0.100 calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	011823WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	30012020-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/11	0.199	Control		ethanol quant.M
10	404-01A.H.		Sample		ethanol quant.M
11	404-01A.H.		Sample		ethanol quant.M
12	404-01O.M.		Sample		ethanol quant.M
13	404-01O.M.		Sample		ethanol quant.M
14	403-01J.R.		Sample		ethanol quant.M
15	403-01J.R.		Sample		ethanol quant.M
16	347-01J.R.		Sample		ethanol quant.M
17	347-01J.R.		Sample		ethanol quant.M
18	425-01C.R.		Sample		ethanol quant.M
19	425-01C.R.		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	422-01T.I.		Sample		ethanol quant.M
22	422-01T.I.		Sample		ethanol quant.M
23	414-01T.D.		Sample		ethanol quant.M
24	414-01T.D.		Sample		ethanol quant.M
25	342-01B.N.		Sample		ethanol quant.M
26	342-01B.N.		Sample		ethanol quant.M
27	353-01K.S.		Sample		ethanol quant.M
28	353-01K.S.		Sample		ethanol quant.M
29	2310616-2		Sample		ethanol quant.M
30	2310616-2		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	2322770-2		Sample		ethanol quant.M
33	2322770-2		Sample		ethanol quant.M
34	2322590-2		Sample		ethanol quant.M
35	2322590-2		Sample		ethanol quant.M
36	2322754-2		Sample		ethanol quant.M
37	2322754-2		Sample		ethanol quant.M
38	2323320-2		Sample		ethanol quant.M
39	2323320-2		Sample		ethanol quant.M
40	30012020-A	0.400	Control		ethanol quant.M
41	14082019-B	0.040	Control		ethanol quant.M
42	4110320133/11	0.199	Control		ethanol quant.M
43	092223AQ	Negative	Control		ethanol quant.M

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

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 14Nov23

ANALYST: Canonico 82

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0000	0.0000	0.00000	0.00	0.00000
12 13	0.1535	0.1530	0.15325	0.16	0.00025
14 15	0.1981	0.1976	0.19785	0.13	0.00025
16 17	0.1300	0.1305	0.13025	0.19	0.00025
18 19	0.1823	0.1808	0.18155	0.41	0.00075
21 22	0.1470	0.1476	0.14730	0.20	0.00030
23 24	0.0932	0.0927	0.09295	0.27	0.00025
25 26	0.1030	0.1026	0.10280	0.19	0.00020
27 28	0.1140	0.1140	0.11400	0.00	0.00000
29 30	0.1175	0.1183	0.11790	0.34	0.00040
32 33	0.1161	0.1160	0.11605	0.04	0.00005
34 35	0.1168	0.1161	0.11645	0.30	0.00035
36 37	0.1997	0.1992	0.19945	0.13	0.00025
38 39	0.2128	0.2135	0.21315	0.16	0.00035

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01A.H.	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 12:56:28 PM
Data file:	C:\Chem32\1\Data\14Nov23\10.D	Analyst:	Canonico

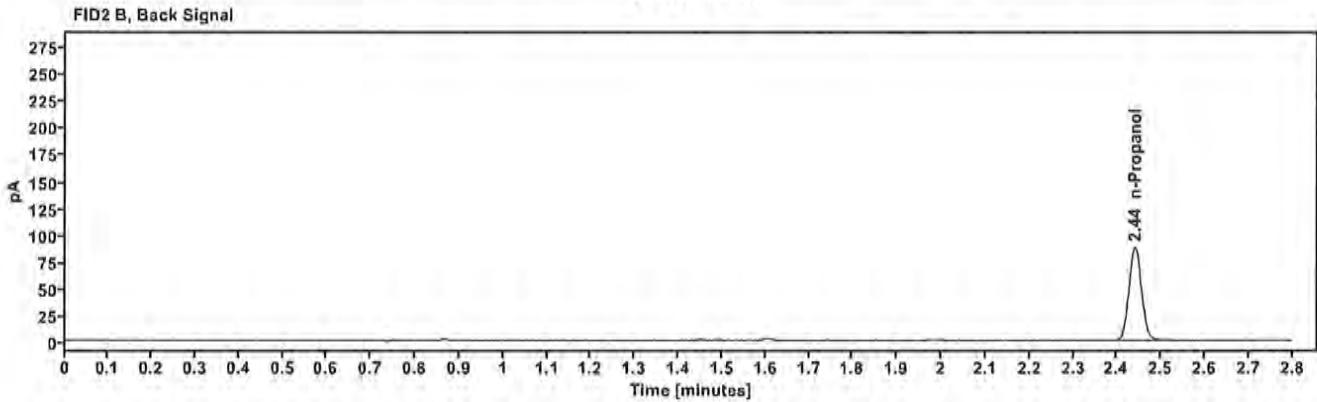
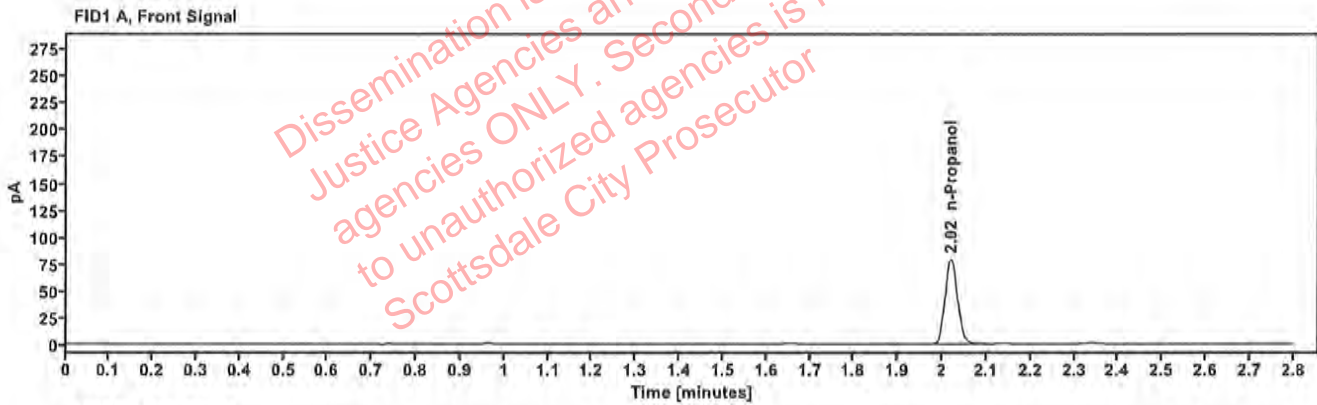


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.020	156.839

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

Compound	Time (min)	Peak Area
n-Propanol	2.440	172.411

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01A.H.	Vial:	11
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:00:28 PM
Data file:	C:\Chem32\1\Data\14Nov23\11.D	Analyst:	Canonico

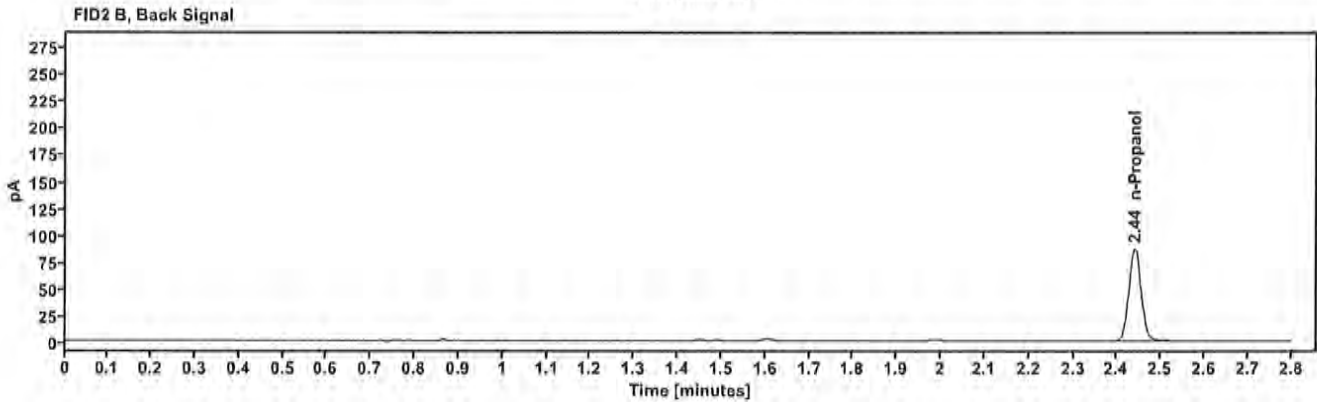
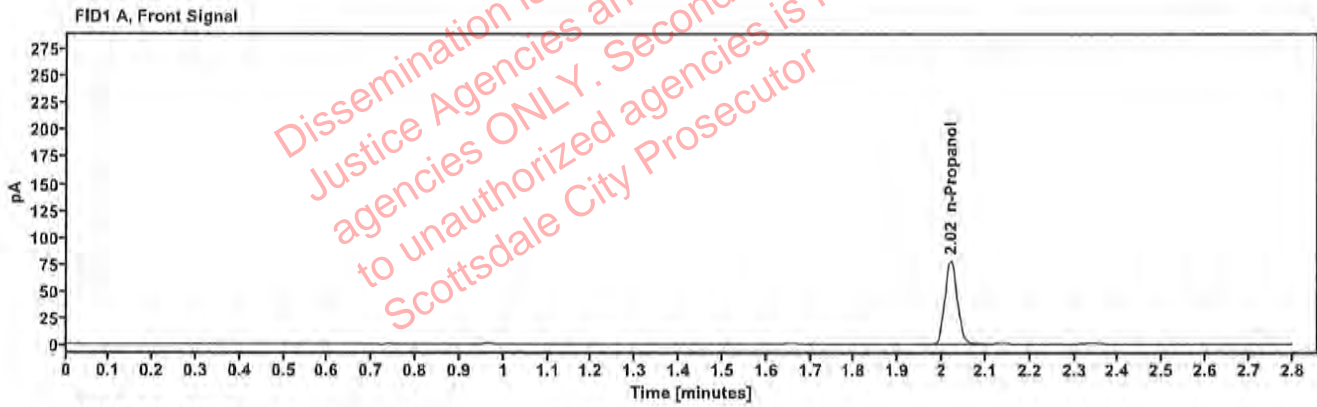


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.020	155.755

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

Compound	Time (min)	Peak Area
n-Propanol	2.440	170.280

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01O.M.	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:04:28 PM
Data file:	C:\Chem32\1\Data\14Nov23\12.D	Analyst:	Canonico

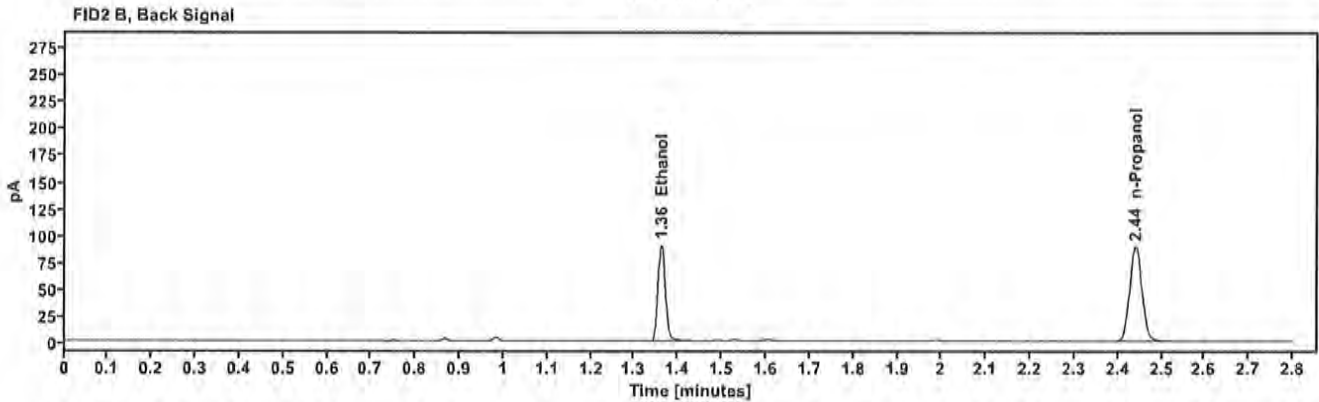
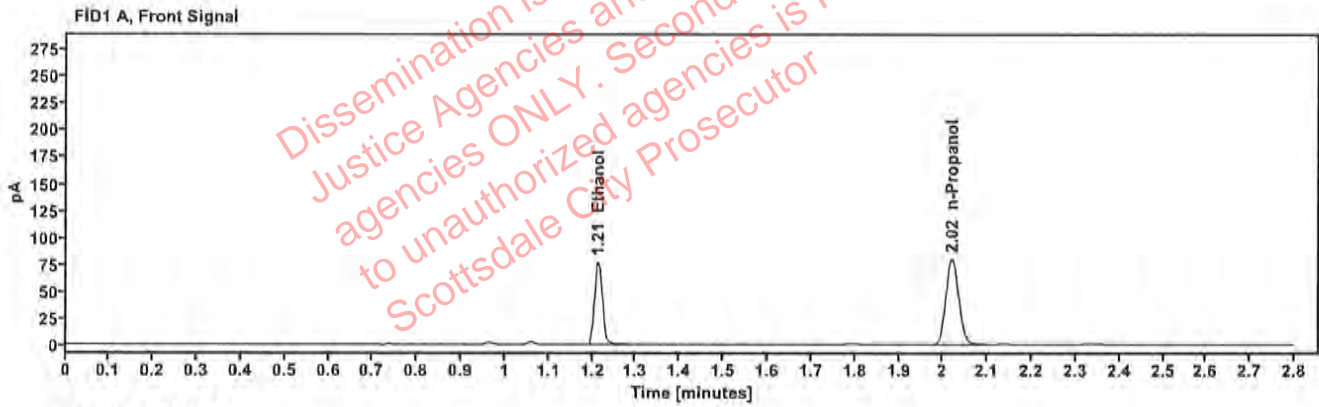


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1535	1.213	98.377
n-Propanol	—	2.020	159.280

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

Compound	Time (min)	Peak Area
Ethanol	1.361	108.514
n-Propanol	2.440	175.246

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01O.M.	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:08:43 PM
Data file:	C:\Chem32\1\Data\14Nov23\13.D	Analyst:	Canonico

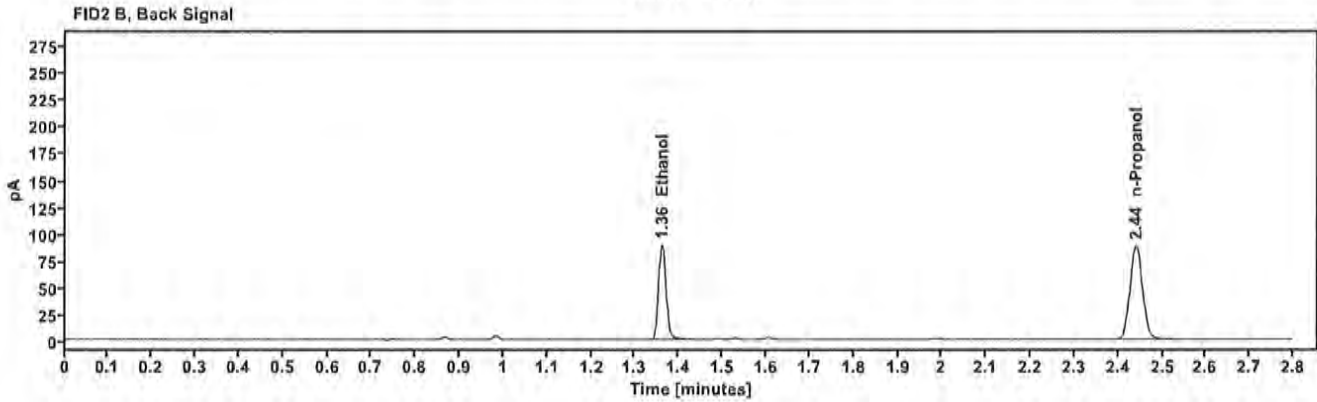
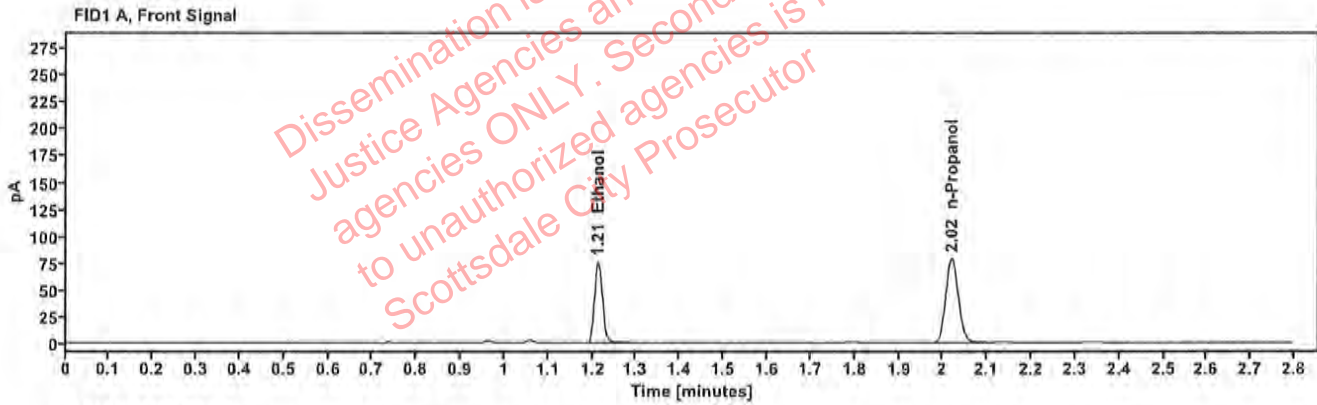


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1530	1.213	96.831
n-Propanol	---	2.020	157.327

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

Compound	Time (min)	Peak Area
Ethanol	1.361	106.667
n-Propanol	2.440	172.965

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	403-01J.R.	Vial:	14
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:12:44 PM
Data file:	C:\Chem32\1\Data\14Nov23\14.D	Analyst:	Canonico

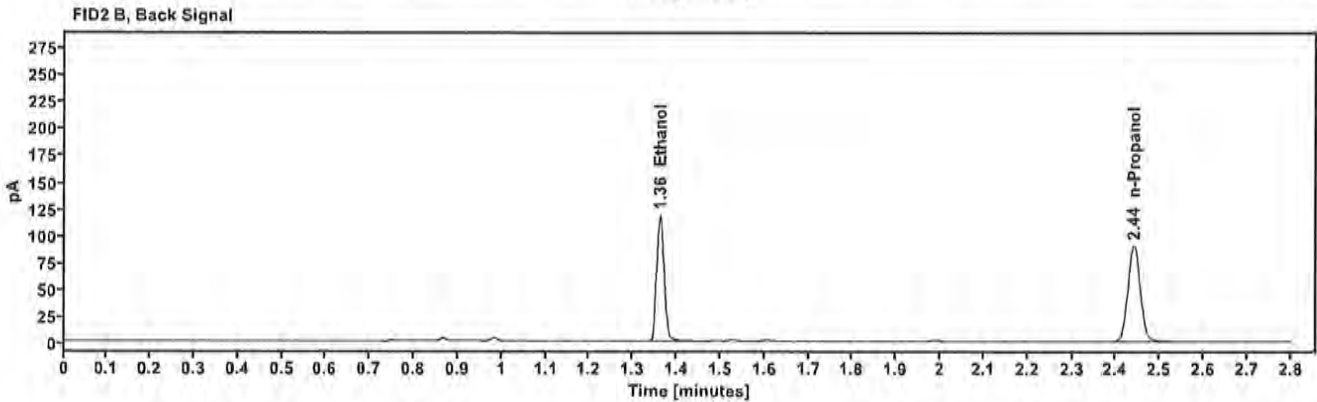
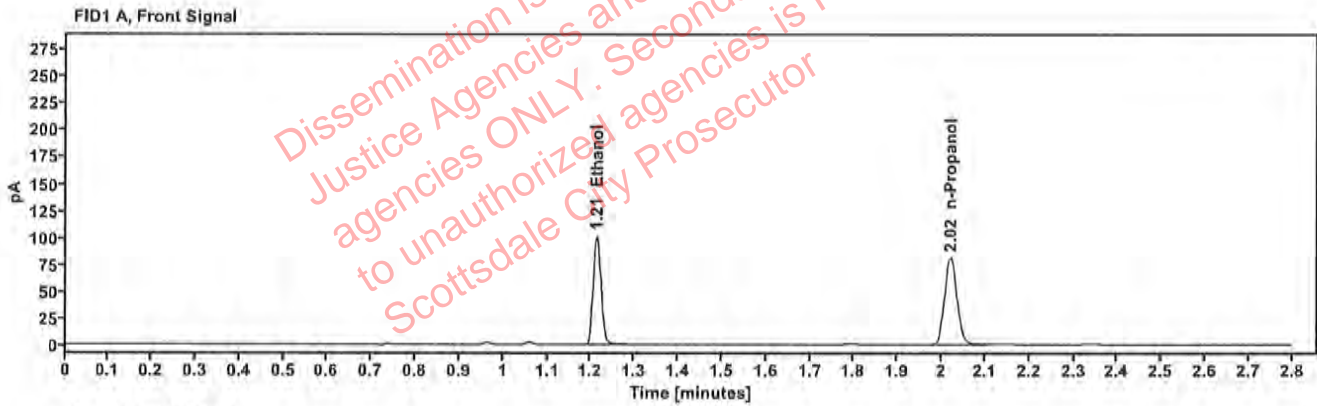


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1981	1.213	128.766
n-Propanol	-----	2.020	161.183

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

Compound	Time (min)	Peak Area
Ethanol	1.361	141.999
n-Propanol	2.440	176.914

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	403-01J.R.	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:16:44 PM
Data file:	C:\Chem32\1\Data\14Nov23\15.D	Analyst:	Canonico

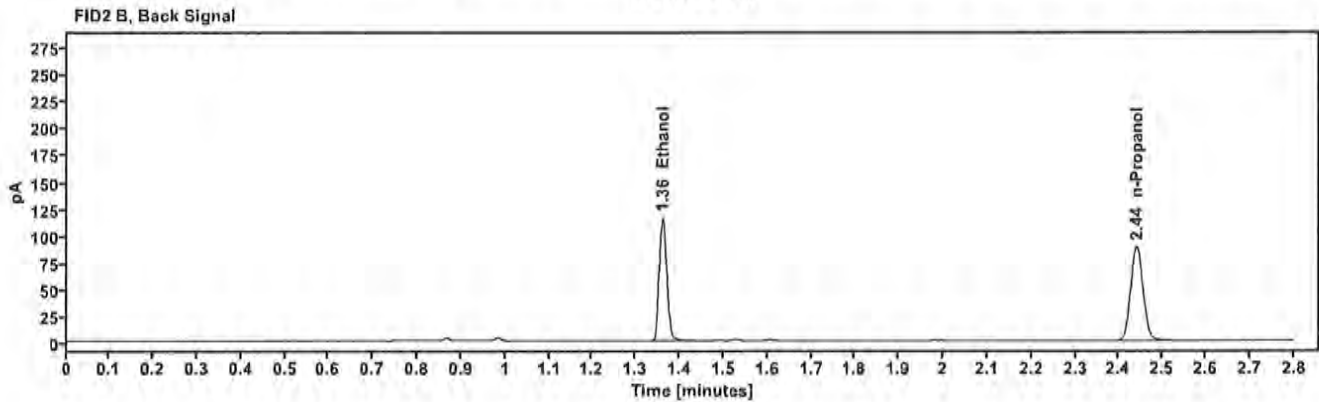
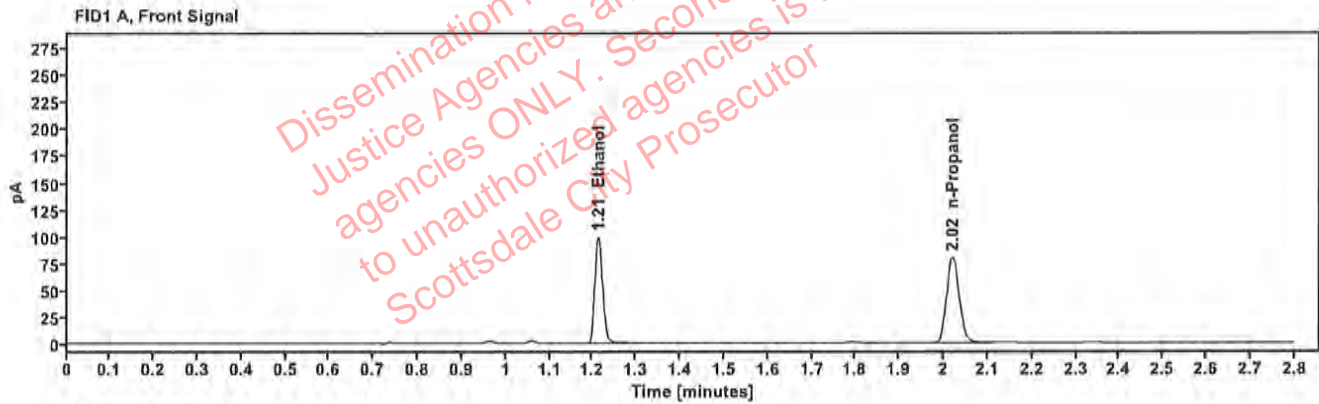


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1976	1.213	126.620
n-Propanol	—	2.020	158.893

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

Compound	Time (min)	Peak Area
Ethanol	1.361	139.722
n-Propanol	2.440	174.482

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	347-01J.R.	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:20:43 PM
Data file:	C:\Chem32\1\Data\14Nov23\16.D	Analyst:	Canonico

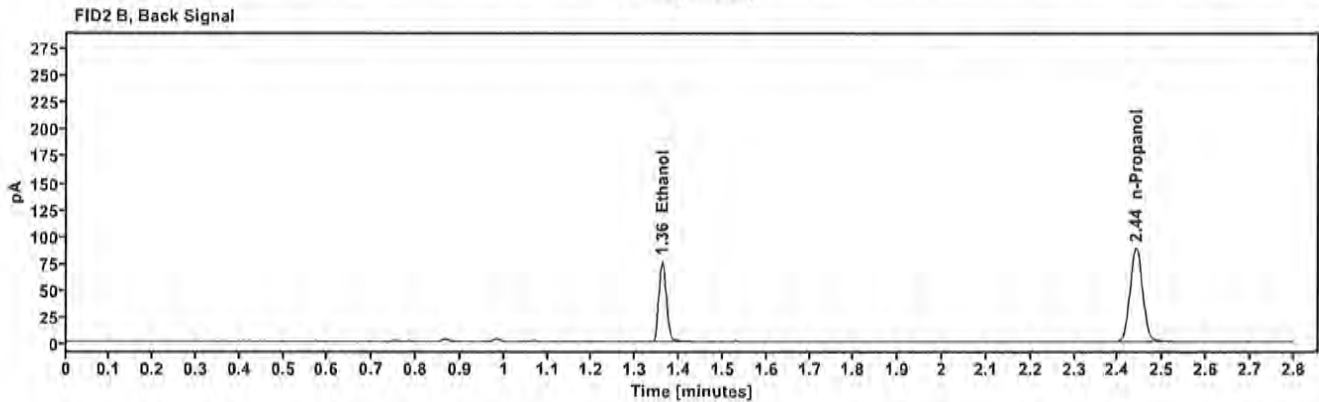
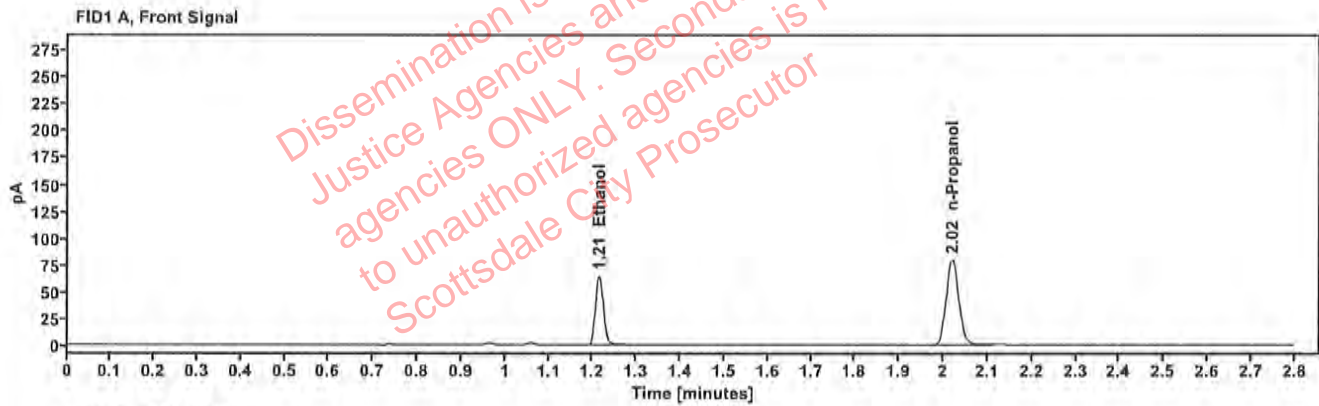


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1300	1.213	82.773
n-Propanol	---	2.020	158.673

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

Compound	Time (min)	Peak Area
Ethanol	1.361	90.961
n-Propanol	2.440	173.820

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	347-01J.R.	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:24:44 PM
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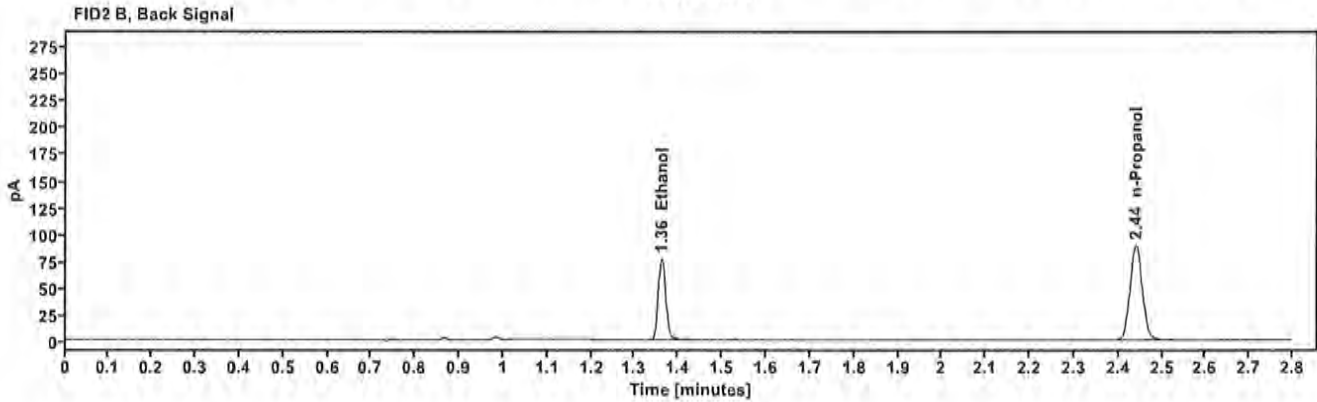
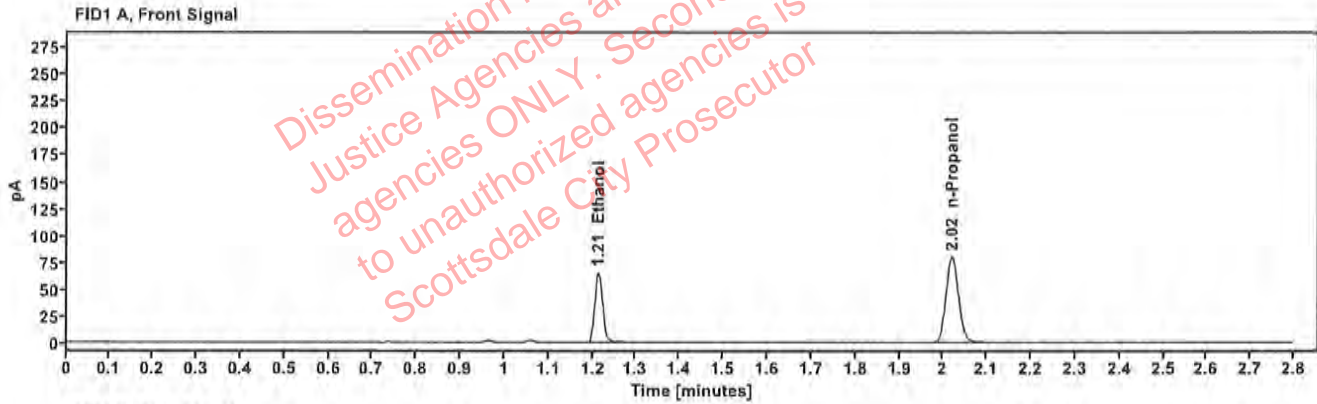


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1305	1.213	83.375
n-Propanol	---	2.020	159.090

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

Compound	Time (min)	Peak Area
Ethanol	1.361	91.598
n-Propanol	2.440	174.516

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	425-01C.R.	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:28:43 PM
Data file:	C:\Chem32\1\Data\14Nov23\18.D	Analyst:	Canonico

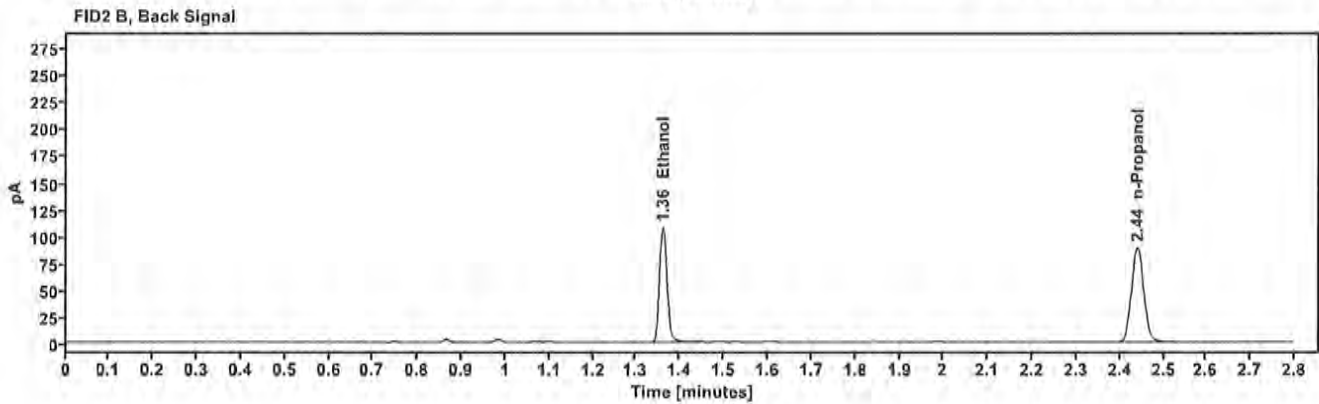
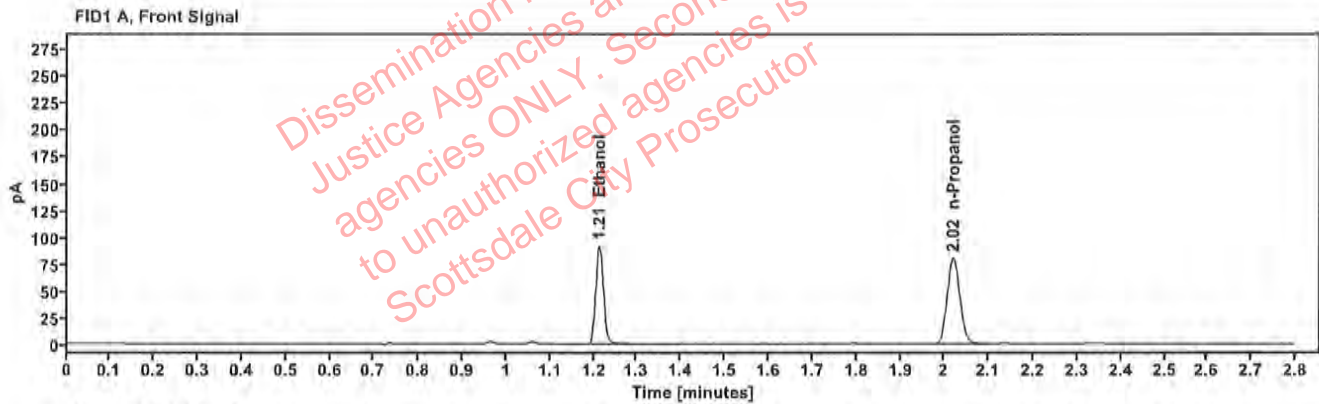


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1823	1.213	117.001
n-Propanol	—	2.019	159.230

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

Compound	Time (min)	Peak Area
Ethanol	1.361	129.098
n-Propanol	2.440	174.850

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	425-01C.R.	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:32:58 PM
Data file:	C:\Chem32\1\Data\14Nov23\19.D	Analyst:	Canonico

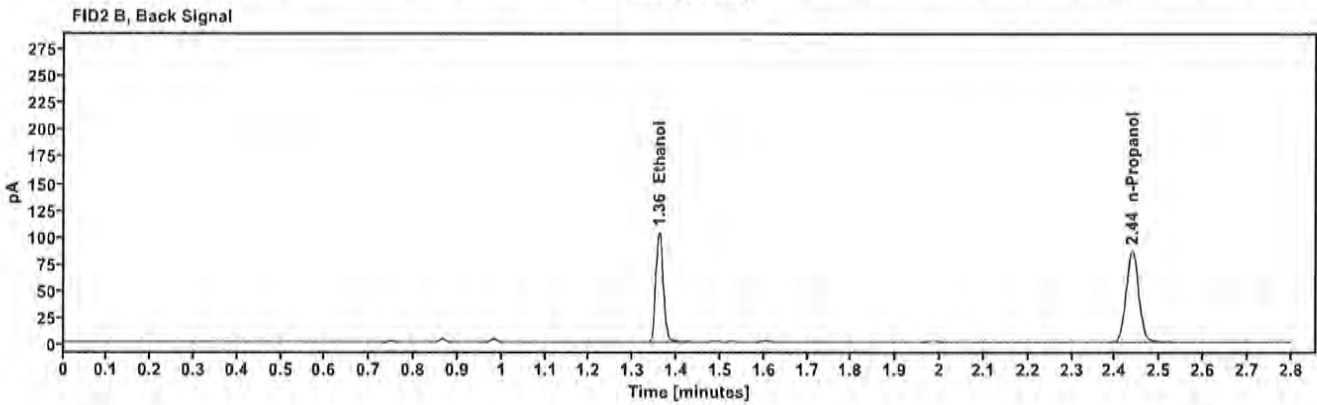
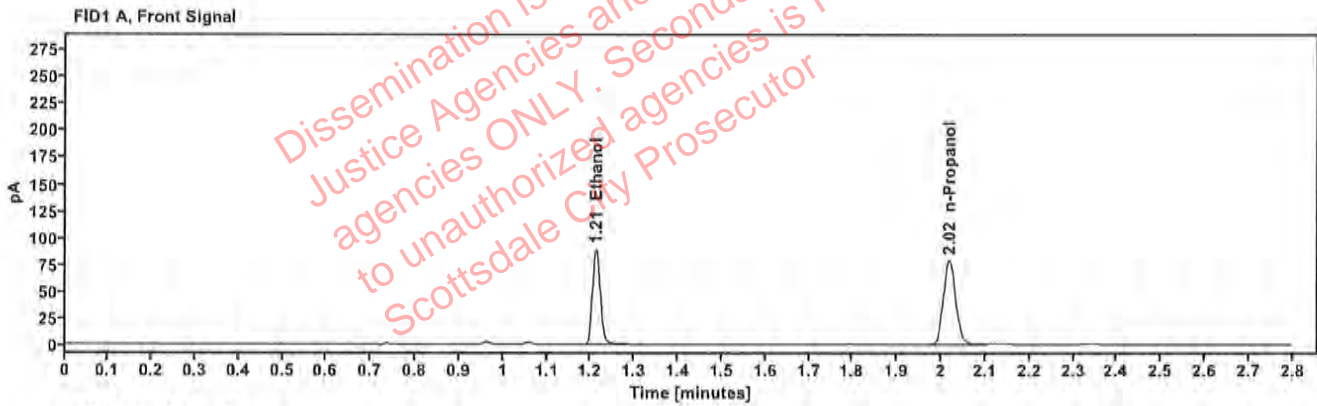


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1808	1.212	113.018
n-Propanol	---	2.018	155.139

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

Compound	Time (min)	Peak Area
Ethanol	1.359	124.094
n-Propanol	2.437	169.808

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	422-01T.I.	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:40:59 PM
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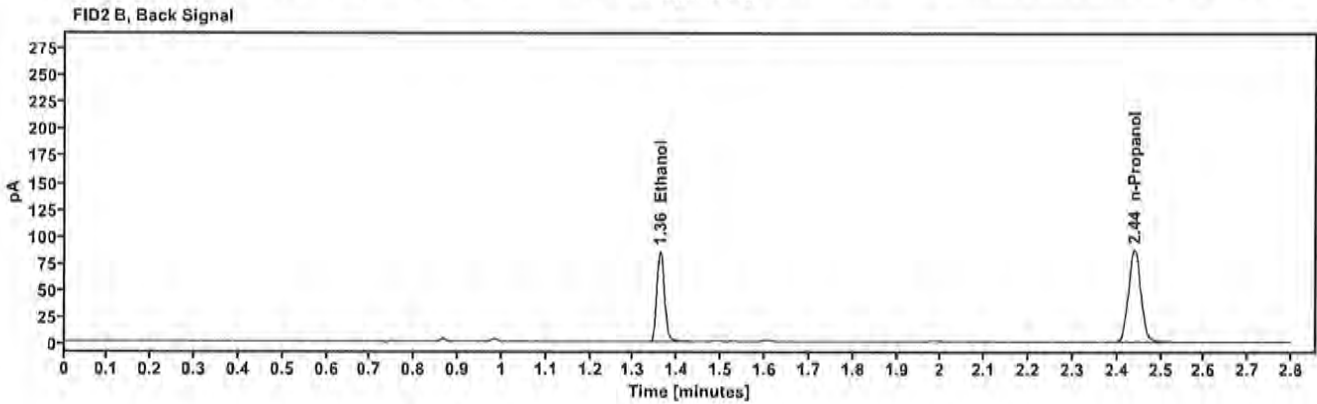
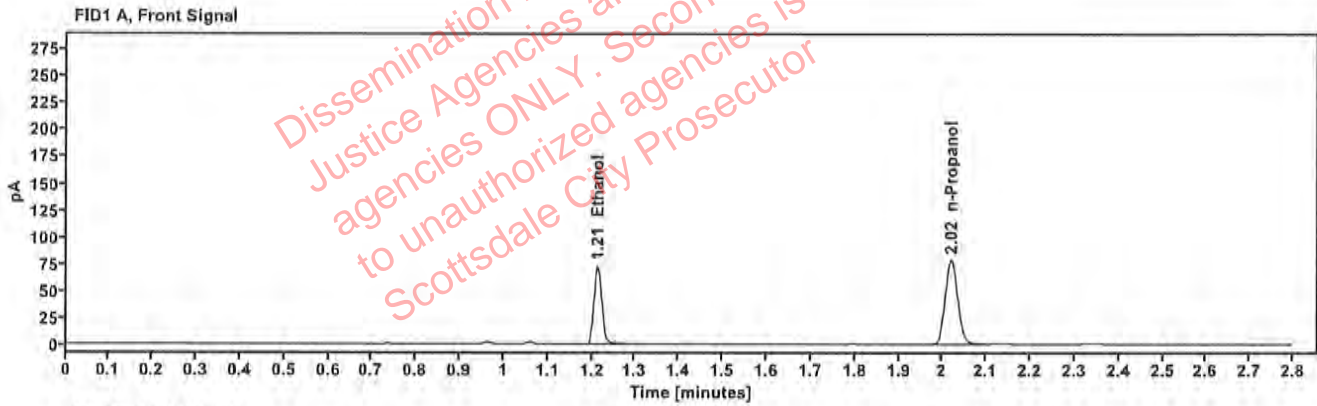


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1470	1.213	92.592
n-Propanol	---	2.019	156.664

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

Compound	Time (min)	Peak Area
Ethanol	1.361	102.079
n-Propanol	2.440	171.201

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	422-01T.I.	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:44:58 PM
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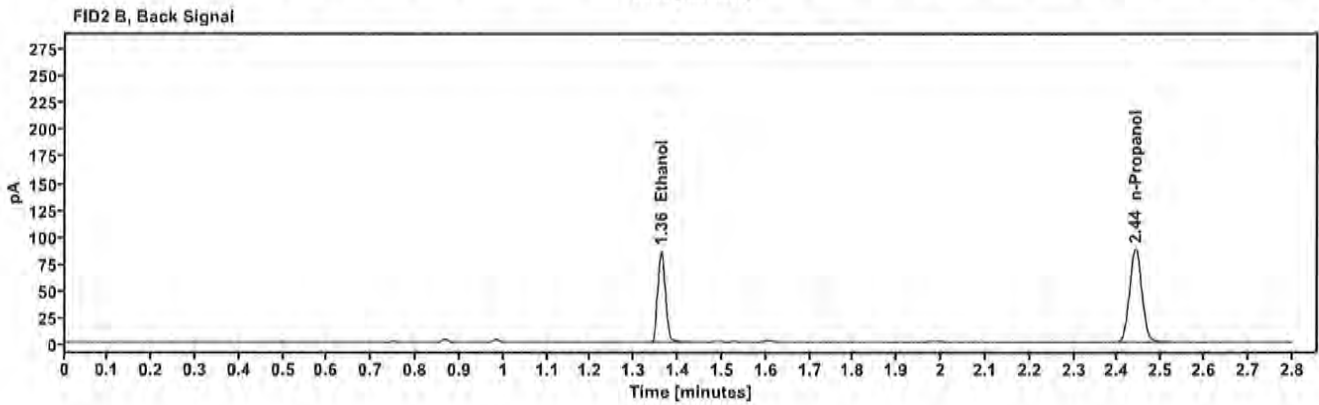
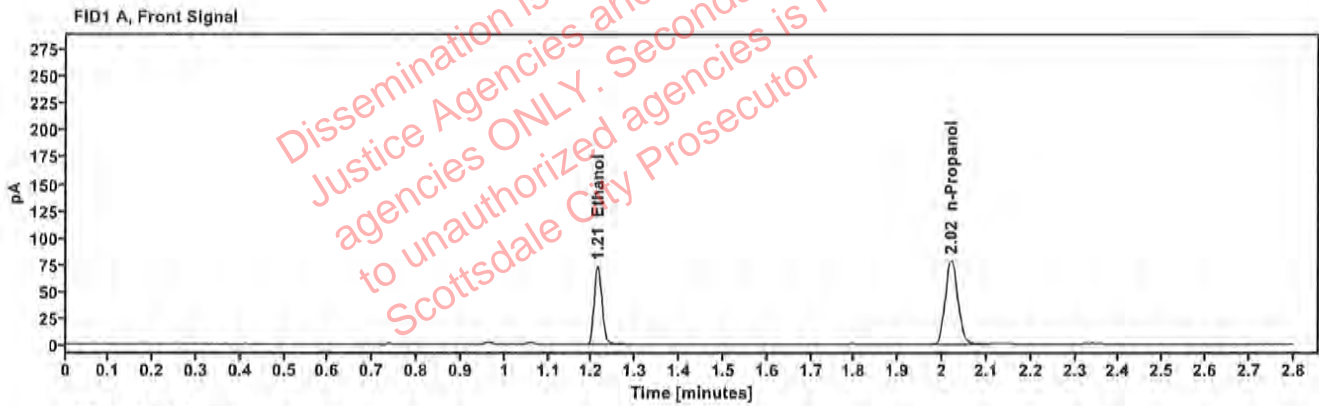


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1476	1.213	93.688
n-Propanol	—	2.020	157.825

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

Compound	Time (min)	Peak Area
Ethanol	1.361	103.455
n-Propanol	2.440	172.331

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	414-01T.D.	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:48:58 PM
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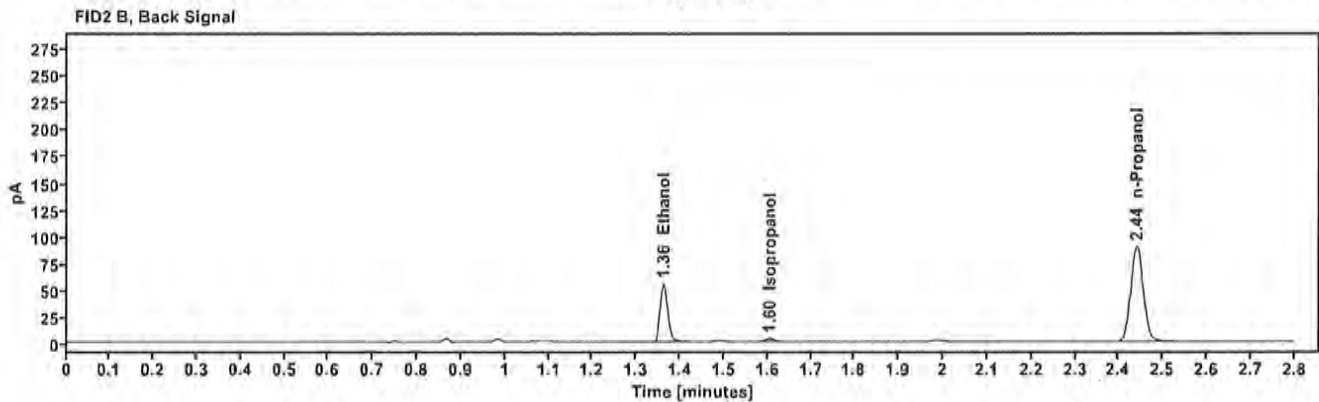
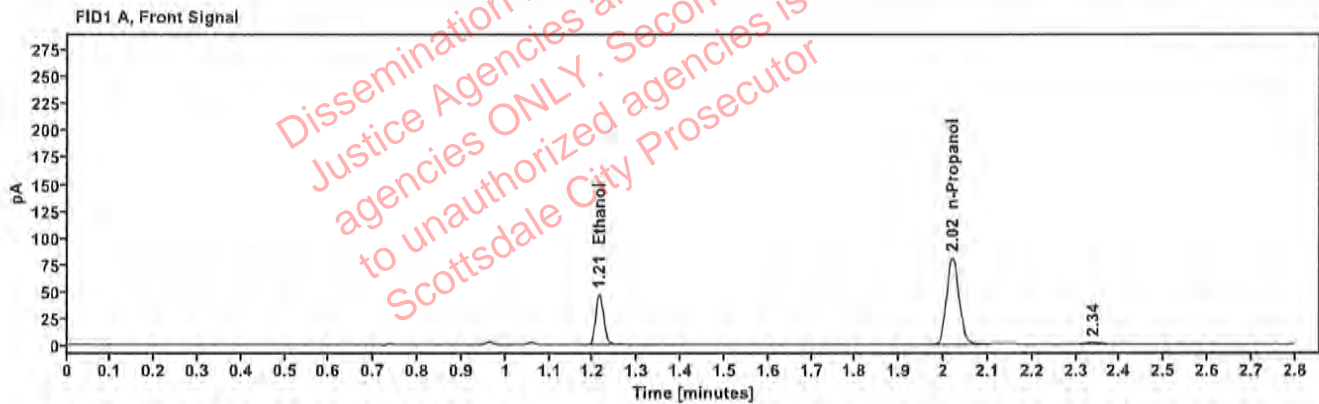


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0932	1.214	60.005
n-Propanol	-----	2.020	161.309

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

Compound	Time (min)	Peak Area
Ethanol	1.361	66.425
Isopropanol	1.605	4.217
n-Propanol	2.440	176.142

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	414-01T.D.	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:52:58 PM
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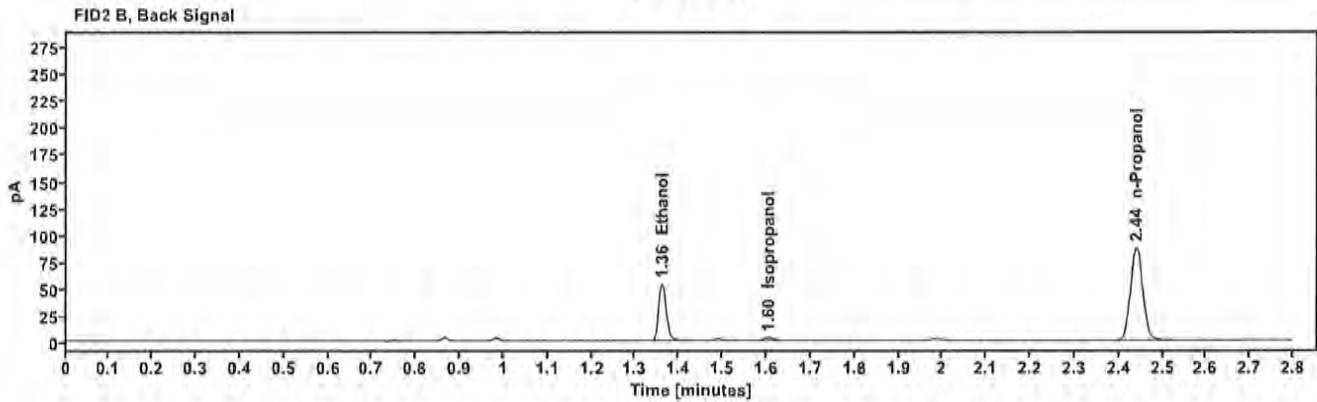
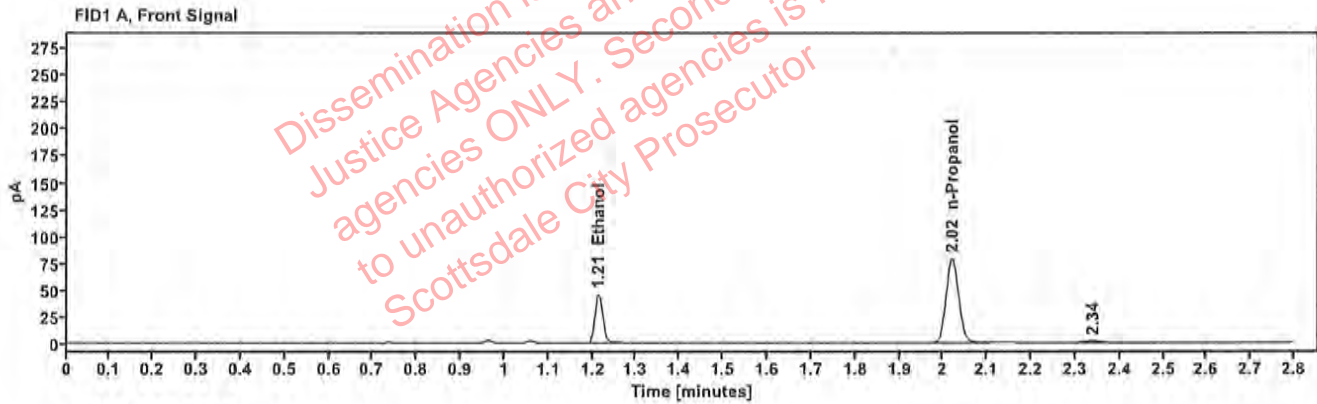


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0927	1.213	58.437
n-Propanol	—	2.020	158.003

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

Compound	Time (min)	Peak Area
Ethanol	1.361	64.817
Isopropanol	1.604	4.344
n-Propanol	2.440	172.288

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	342-01B.N.	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 1:57:14 PM
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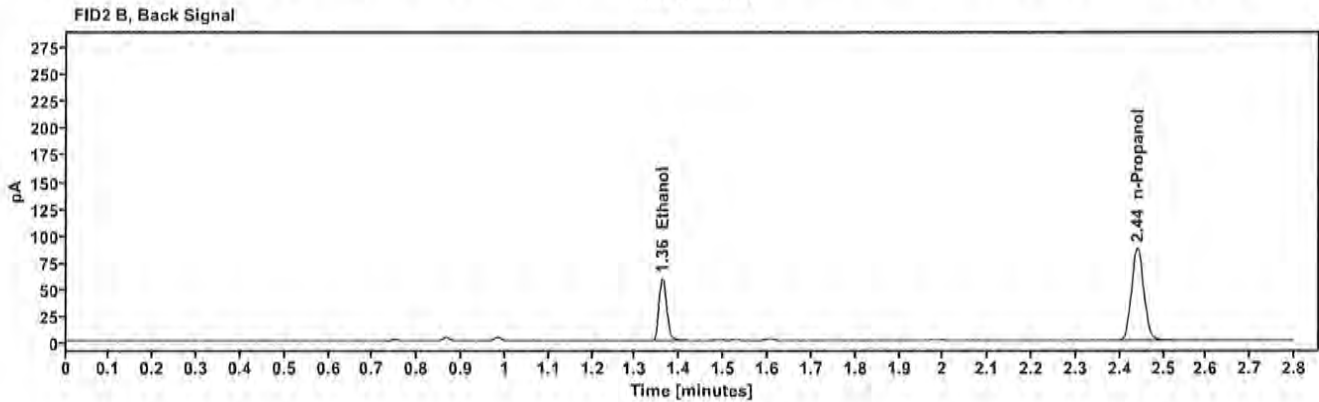
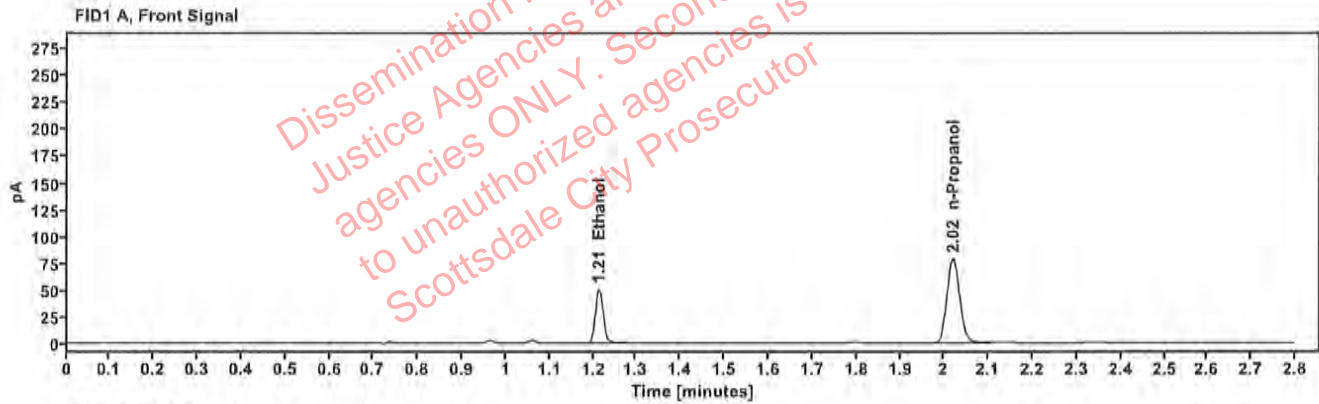


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1030	1.213	64.791
n-Propanol	—	2.020	157.280

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

Compound	Time (min)	Peak Area
Ethanol	1.361	71.319
n-Propanol	2.440	171.554

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	342-01B.N.	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:01:14 PM
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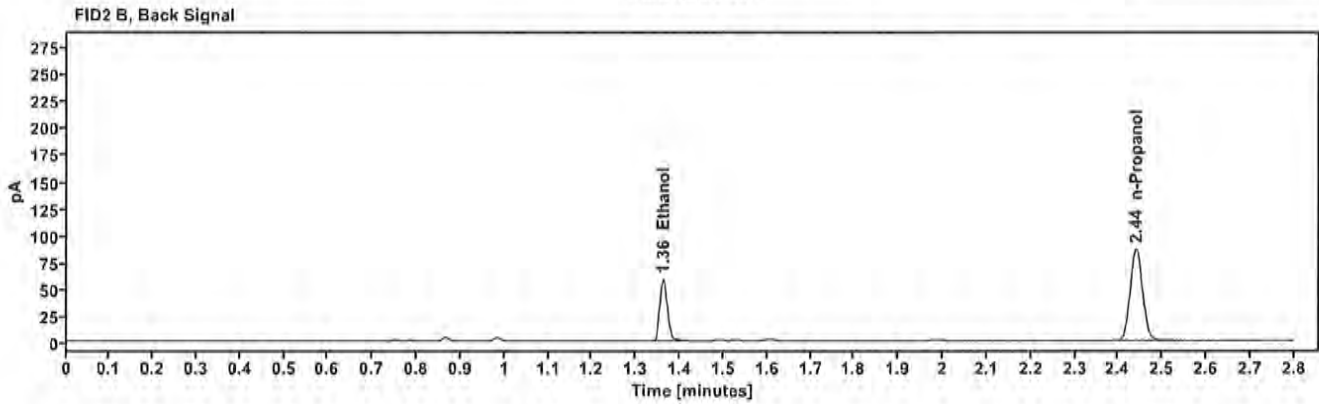
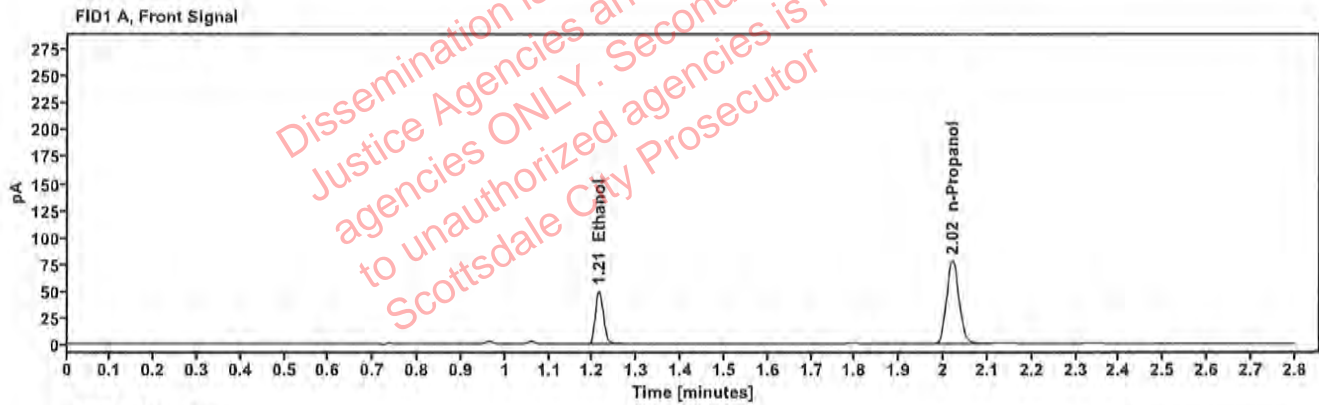


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1026	1.213	63.895
n-Propanol	---	2.020	155.654

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

Compound	Time (min)	Peak Area
Ethanol	1.361	70.526
n-Propanol	2.440	169.722

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01K.S.	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:05:14 PM
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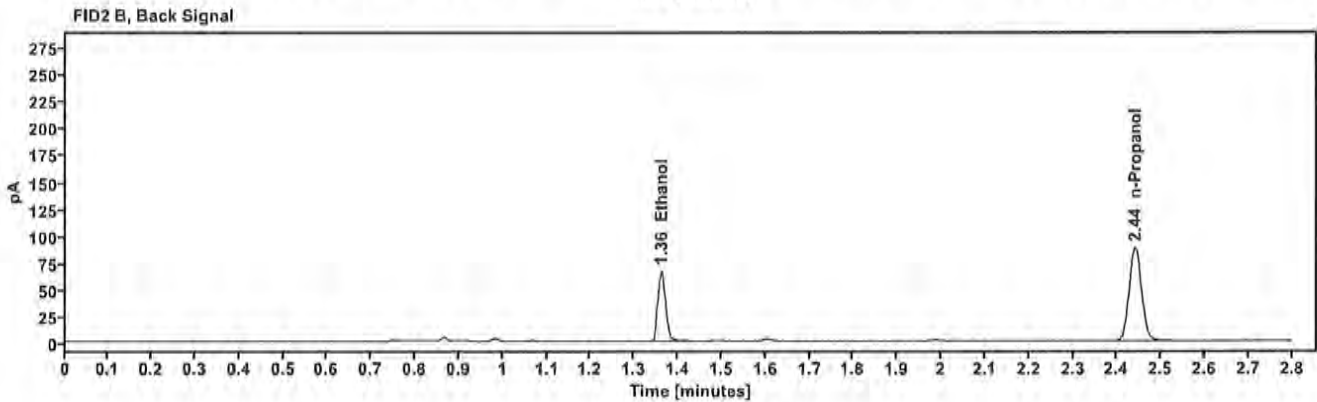
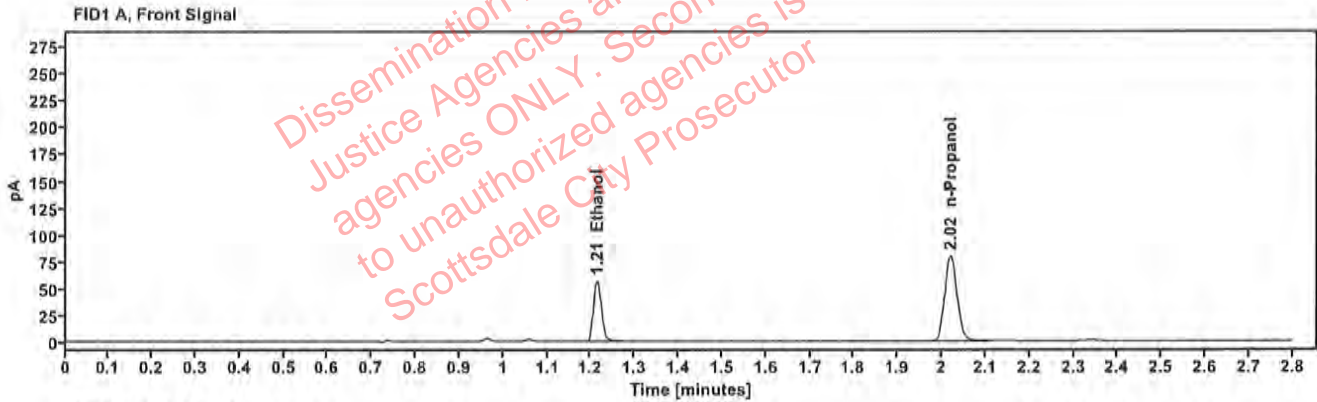


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1140	1.213	72.644
n-Propanol	—	2.020	158.992

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

Compound	Time (min)	Peak Area
Ethanol	1.361	80.174
n-Propanol	2.440	173.016

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01K.S.	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:09:14 PM
Data file:	C:\Chem32\1\Data\14Nov23\28.D	Analyst:	Canonico

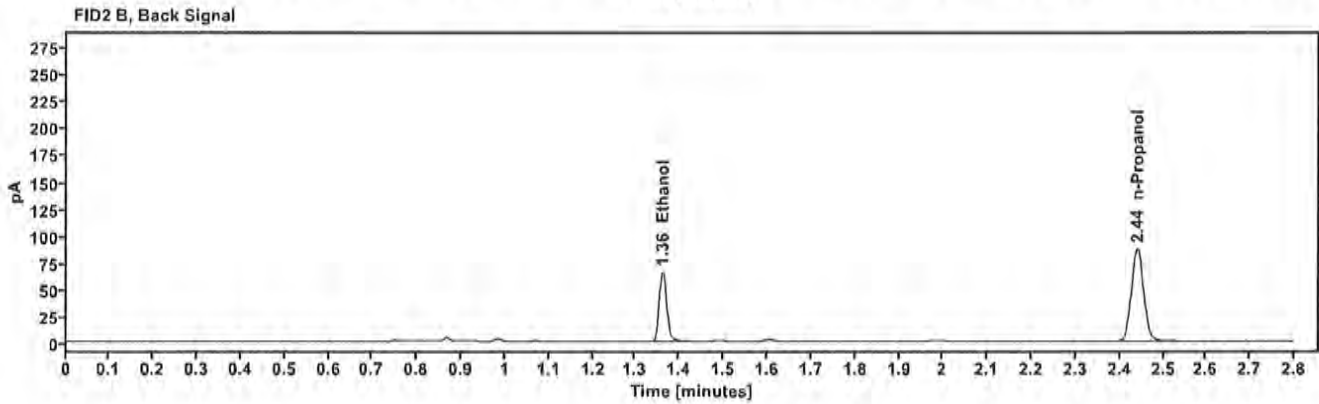
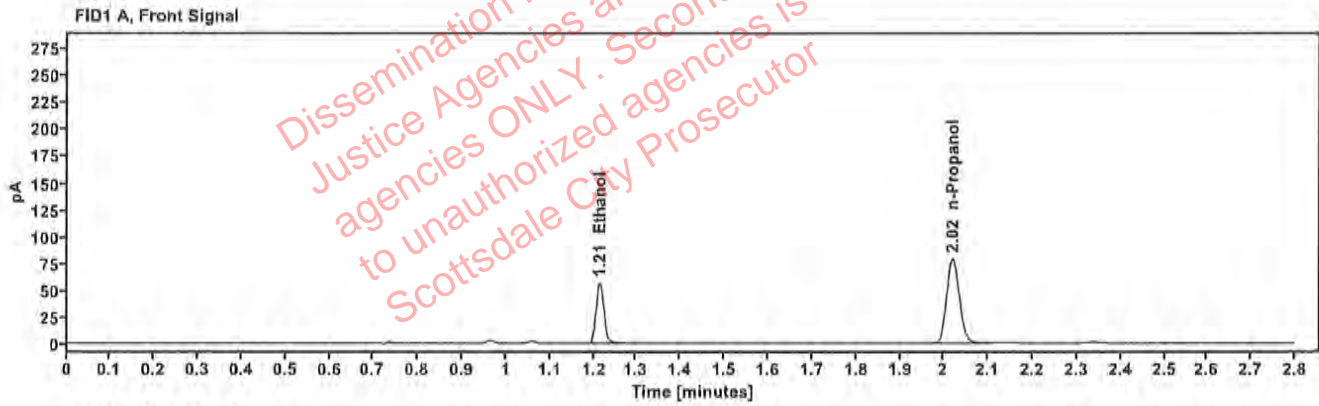


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1140	1.213	72.173
n-Propanol	---	2.020	158.047

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

Compound	Time (min)	Peak Area
Ethanol	1.361	79.679
n-Propanol	2.440	172.065

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2310616-2	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:13:14 PM
Data file:	C:\Chem32\1\Data\14Nov23\29.D	Analyst:	Canonico

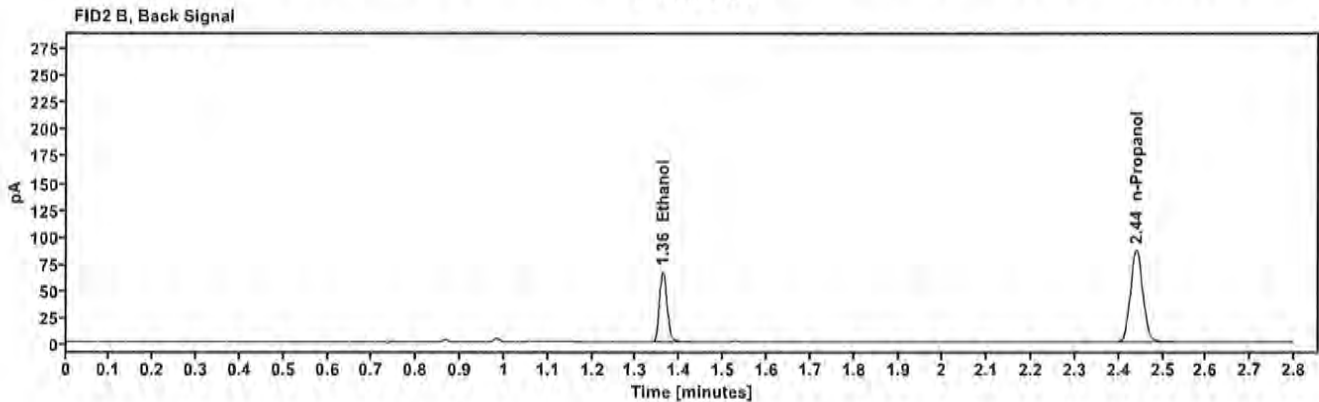
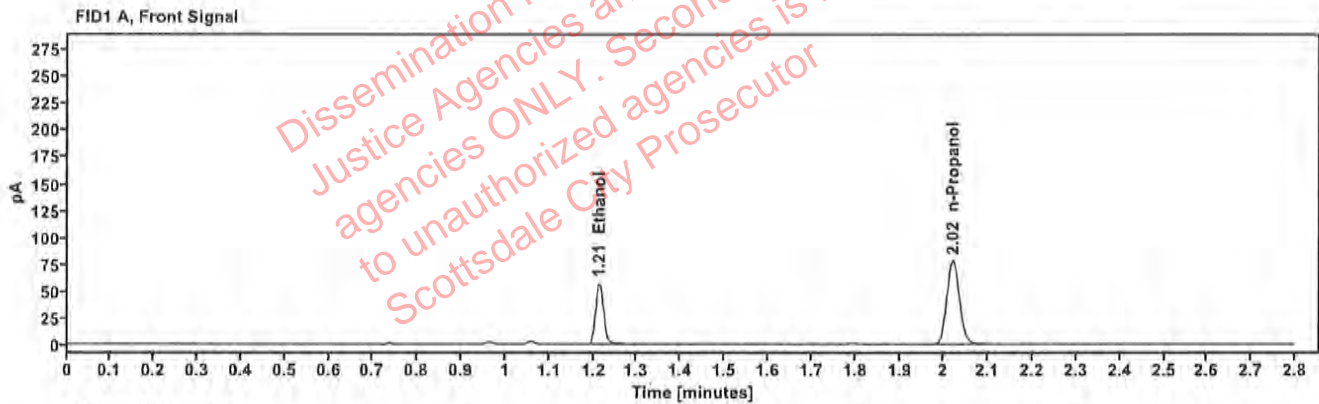


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1175	1.213	73.130
n-Propanol	---	2.020	155.214

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

Compound	Time (min)	Peak Area
Ethanol	1.361	80.213
n-Propanol	2.440	170.156

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2310616-2	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:17:14 PM
Data file:	C:\Chem32\1\Data\14Nov23\30.D	Analyst:	Canonico

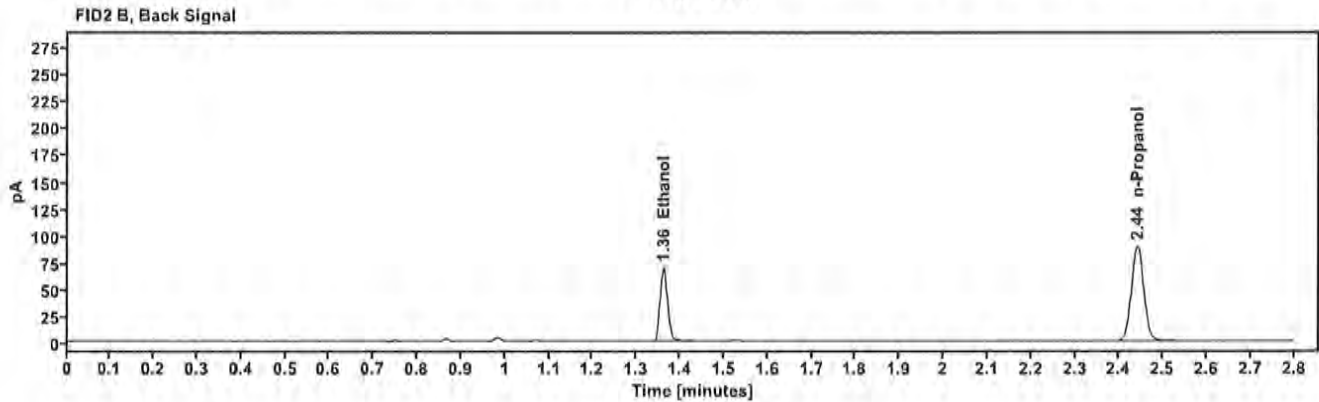
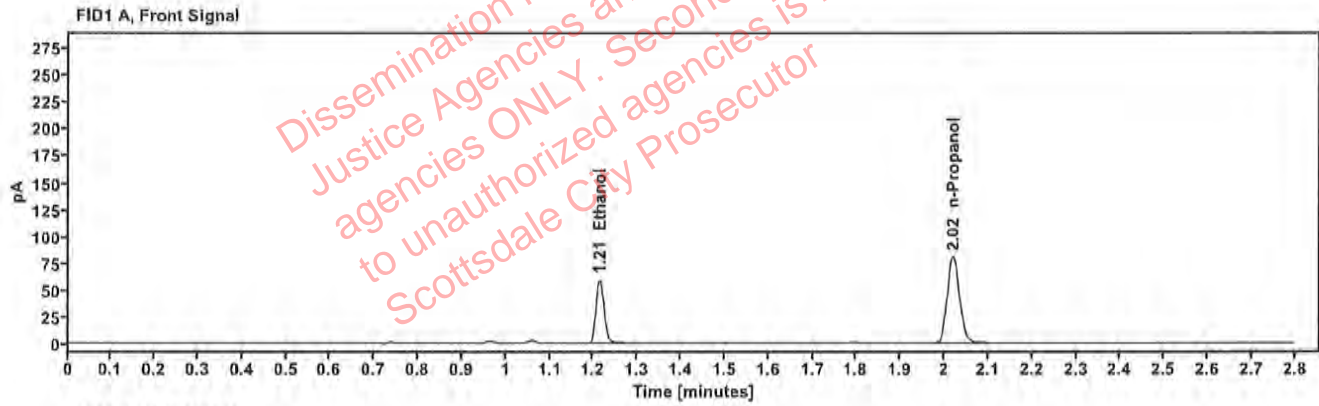


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1183	1.213	75.905
n-Propanol	---	2.020	160.095

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

Compound	Time (min)	Peak Area
Ethanol	1.361	83.339
n-Propanol	2.440	175.503

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2322770-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:25:28 PM
Data file:	C:\Chem32\1\Data\14Nov23\32.D	Analyst:	Canonico

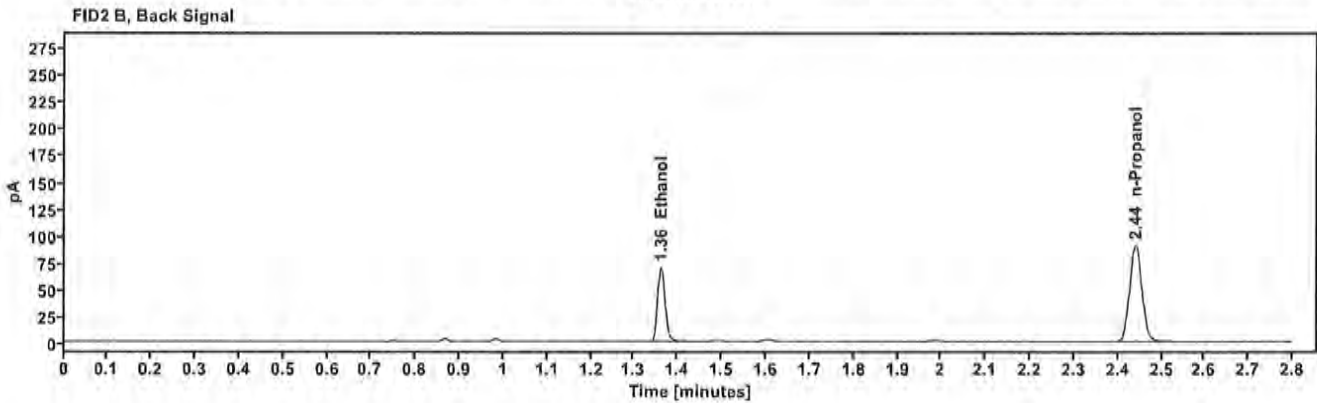
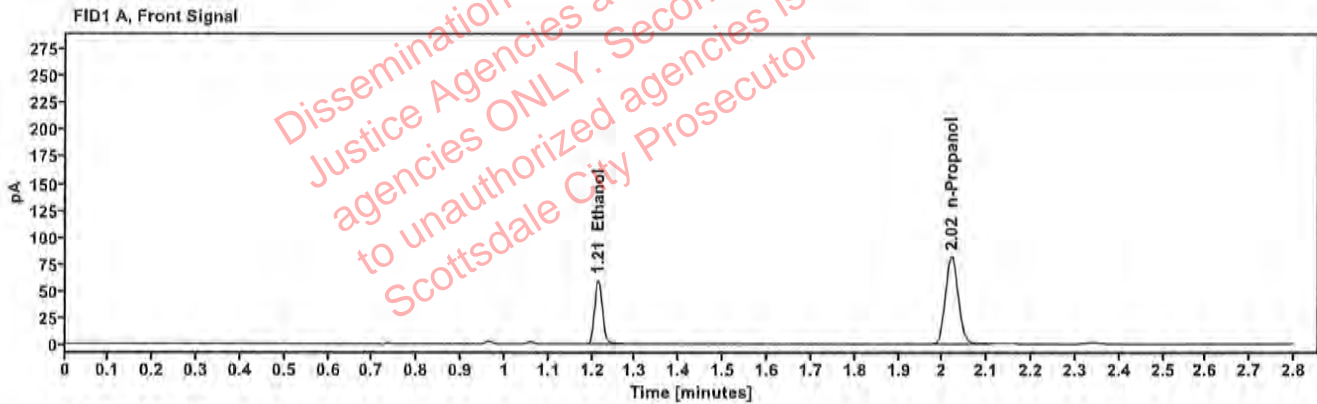


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1161	1.213	76.490
n-Propanol	—	2.020	164.414

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

Compound	Time (min)	Peak Area
Ethanol	1.361	84.487
n-Propanol	2.440	178.805

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2322770-2	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:29:29 PM
Data file:	C:\Chem32\1\Data\14Nov23\33.D	Analyst:	Canonico

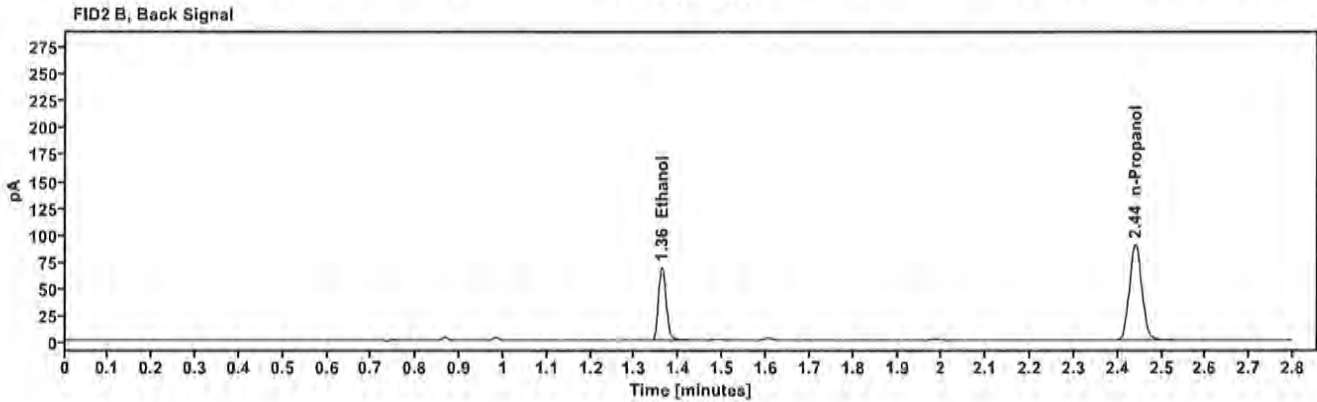
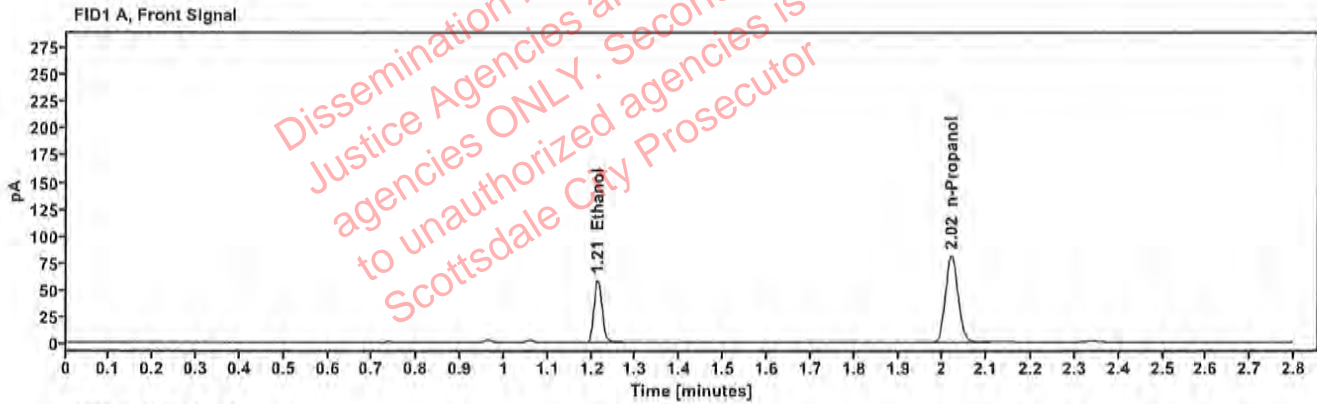


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1160	1.213	75.311
n-Propanol	—	2.020	161.982

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

Compound	Time (min)	Peak Area
Ethanol	1.361	83,146
n-Propanol	2.440	176.930

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2322590-2	Vial:	34
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:33:29 PM
Data file:	C:\Chem32\1\Data\14Nov23\34.D	Analyst:	Canonico

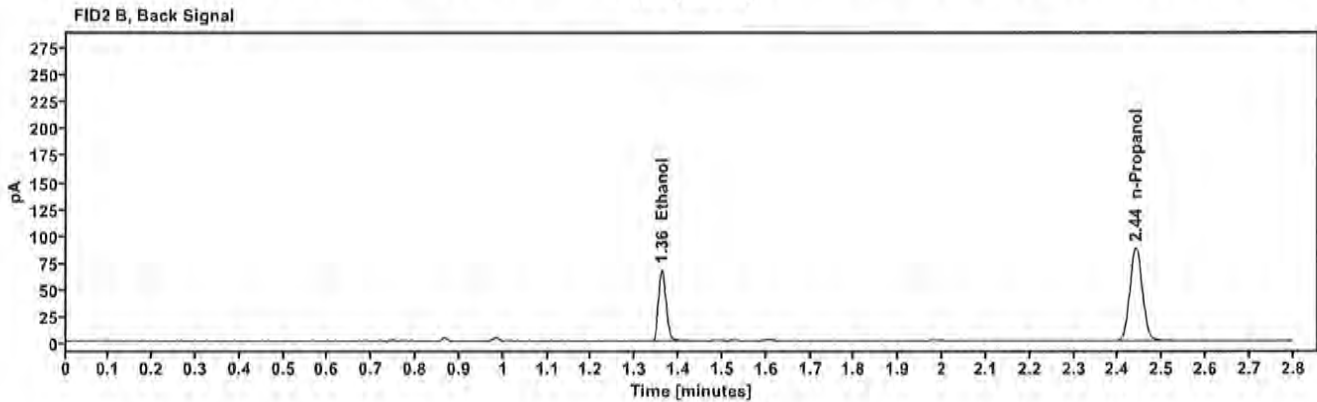
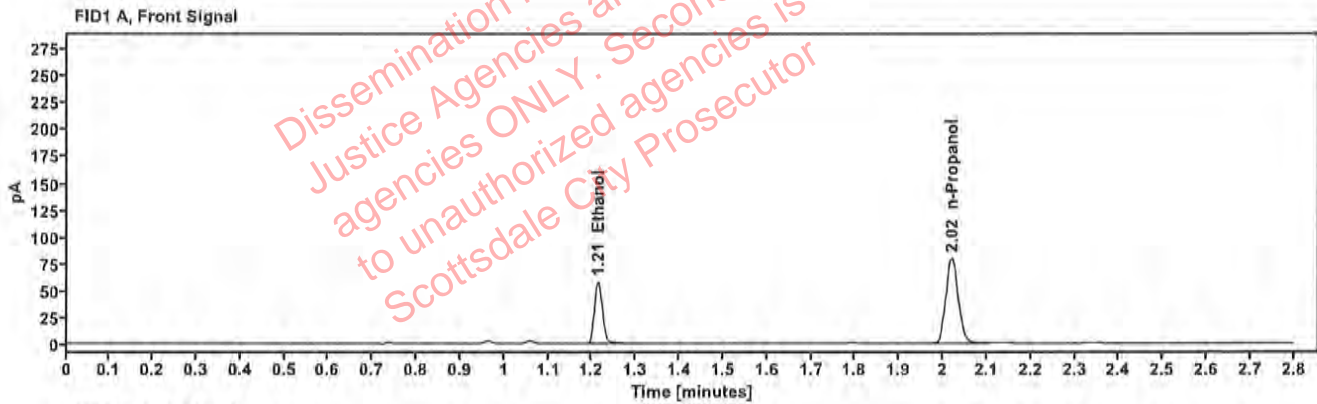


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1168	1.213	73.869
n-Propanol	—	2.020	157.748

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

Compound	Time (min)	Peak Area
Ethanol	1.361	81.482
n-Propanol	2.440	173.423

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2322590-2	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:37:28 PM
Data file:	C:\Chem32\1\Data\14Nov23\35.D	Analyst:	Canonico

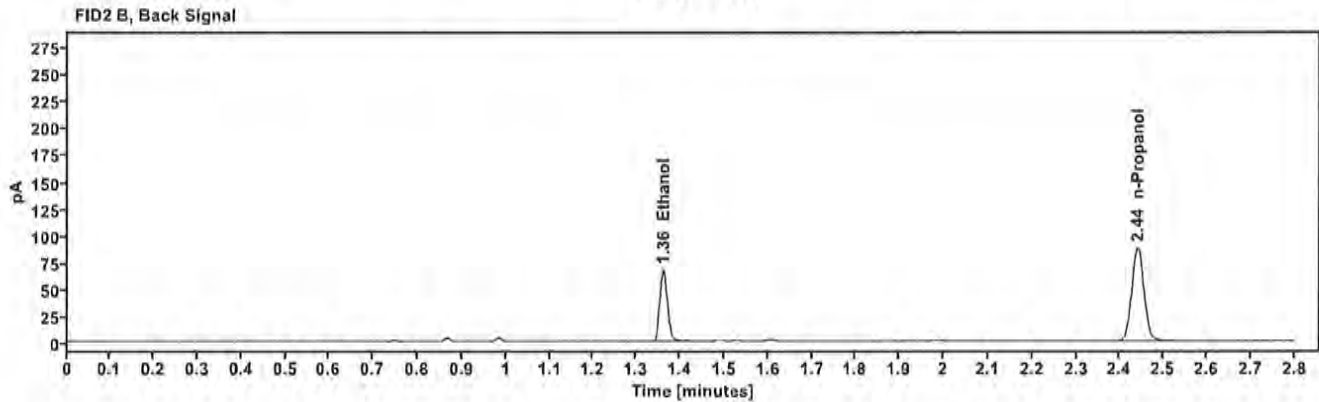
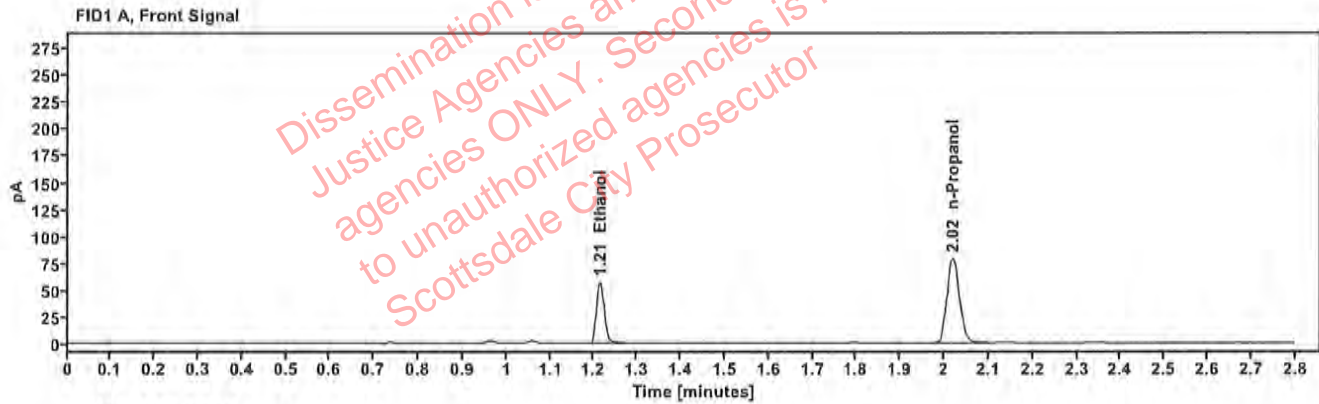


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1161	1.213	73.288
n-Propanol	---	2.020	157.565

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

Compound	Time (min)	Peak Area
Ethanol	1.361	80.840
n-Propanol	2.440	172.229

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2322754-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:41:28 PM
Data file:	C:\Chem32\1\Data\14Nov23\36.D	Analyst:	Canonico

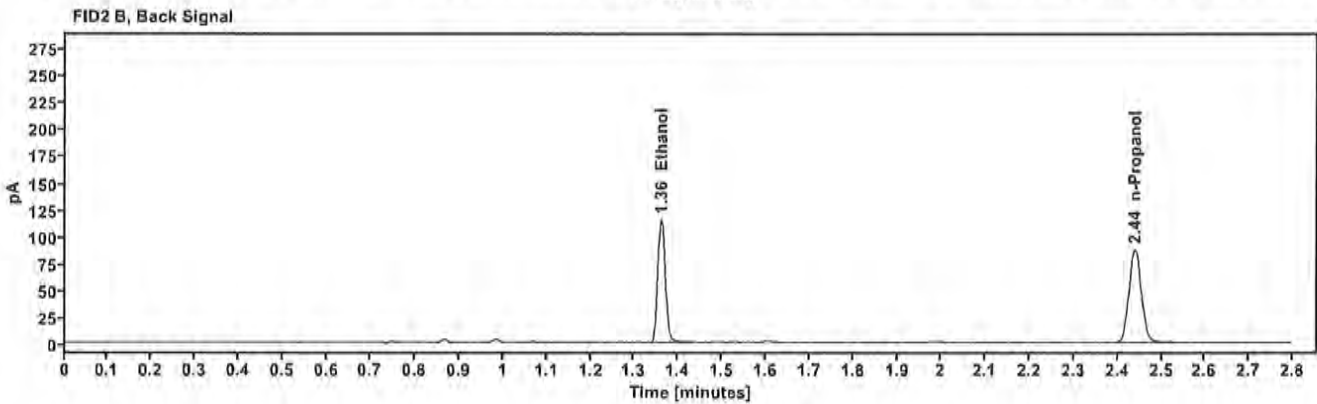
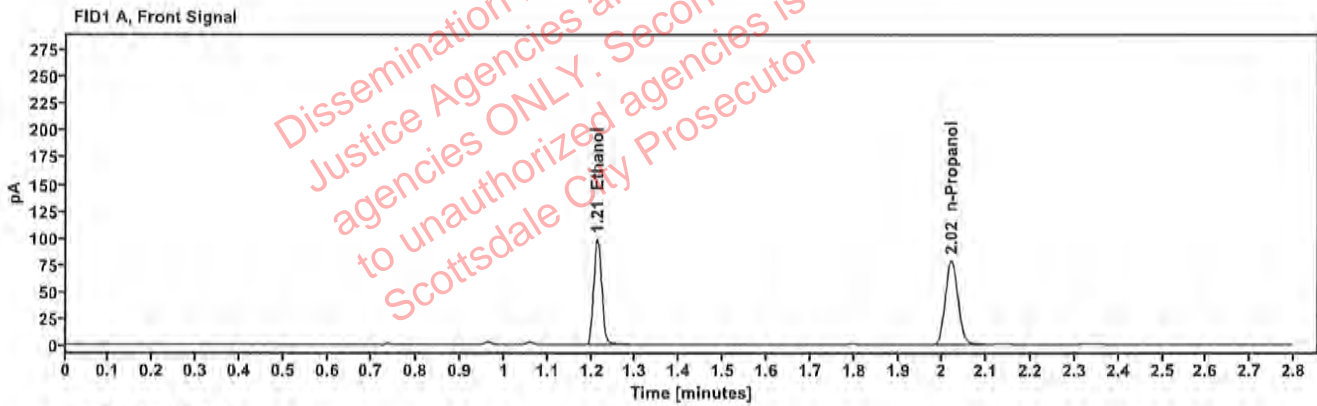


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1997	1.213	125.650
n-Propanol	—	2.020	155.984

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

Compound	Time (min)	Peak Area
Ethanol	1.361	138.702
n-Propanol	2.440	171.614

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2322754-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:45:43 PM
Data file:	C:\Chem32\1\Data\14Nov23\37.D	Analyst:	Canonico

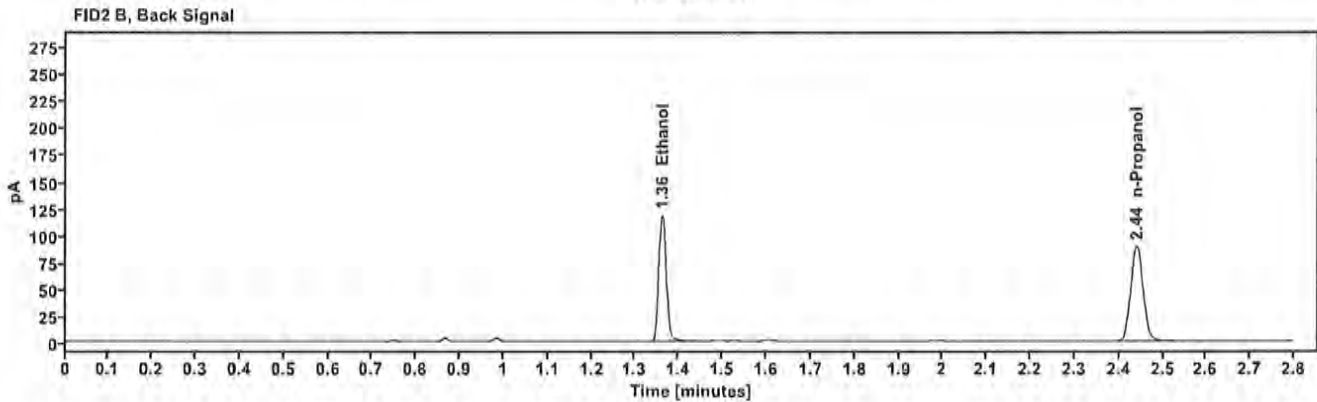
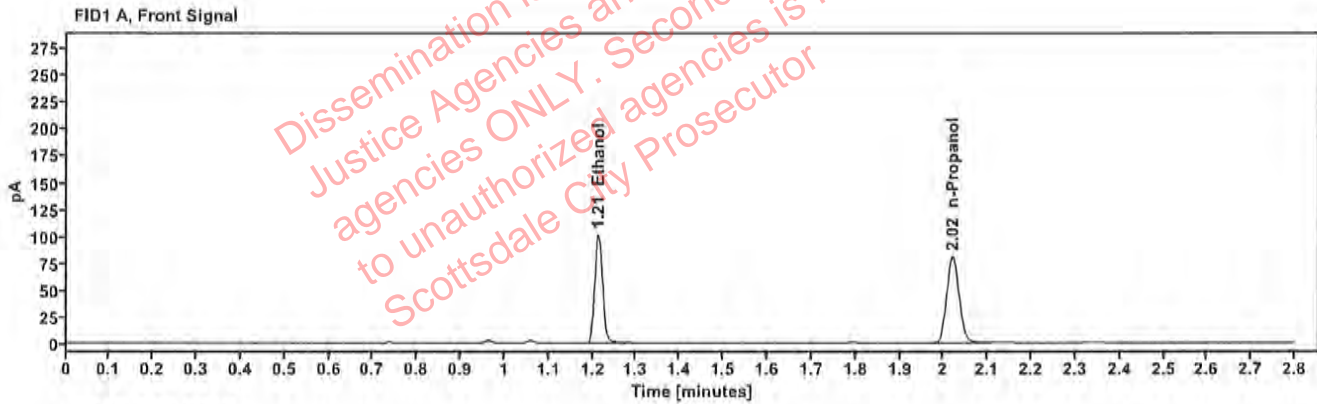


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1992	1.213	129.422
n-Propanol	---	2.020	161.059

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

Compound	Time (min)	Peak Area
Ethanol	1.361	142.771
n-Propanol	2.440	175.892

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2323320-2	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:49:43 PM
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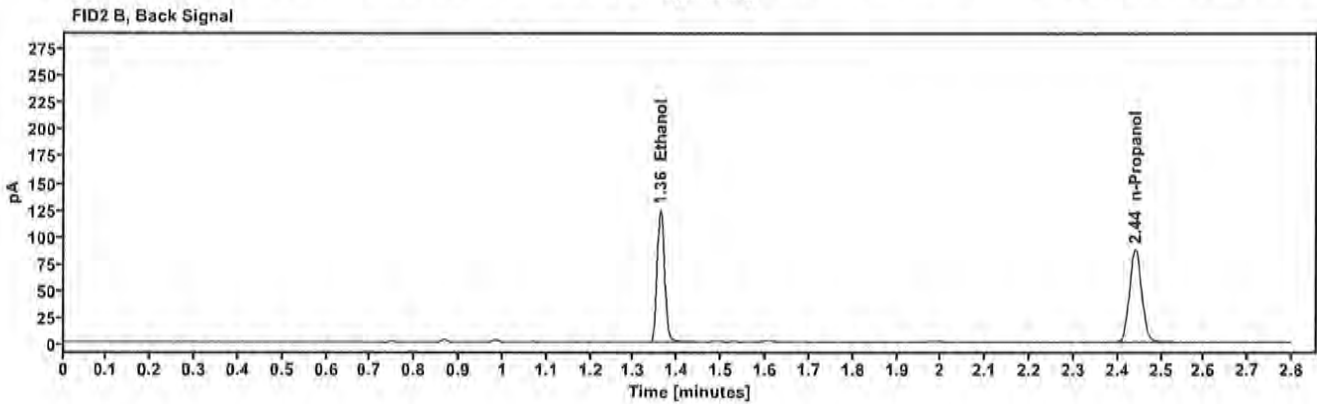
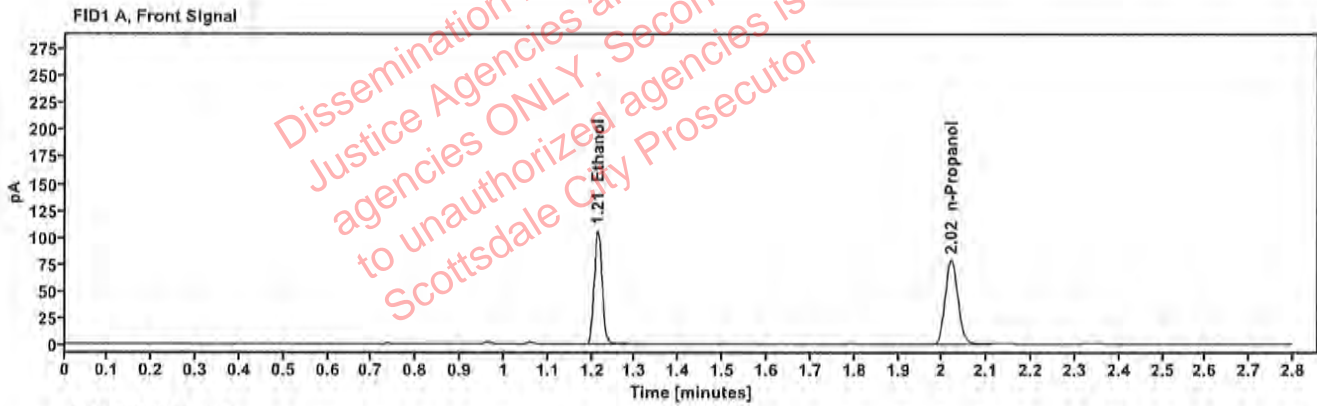


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2128	1.213	135.222
n-Propanol	—	2.020	157.432

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

Compound	Time (min)	Peak Area
Ethanol	1.361	149.350
n-Propanol	2.441	171.748

██████████: Canonico, Erika - (15-Nov-2023)

Case: ██████████ User: ecanonico 11/15/2023

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2323320-2	Vial:	39
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	14Nov23
Instrument:	US14173023 CN14160045	Injection date:	11/14/2023 2:53:44 PM
Data file:	C:\Chem32\1\Data\14Nov23\39.D	Analyst:	Canonico

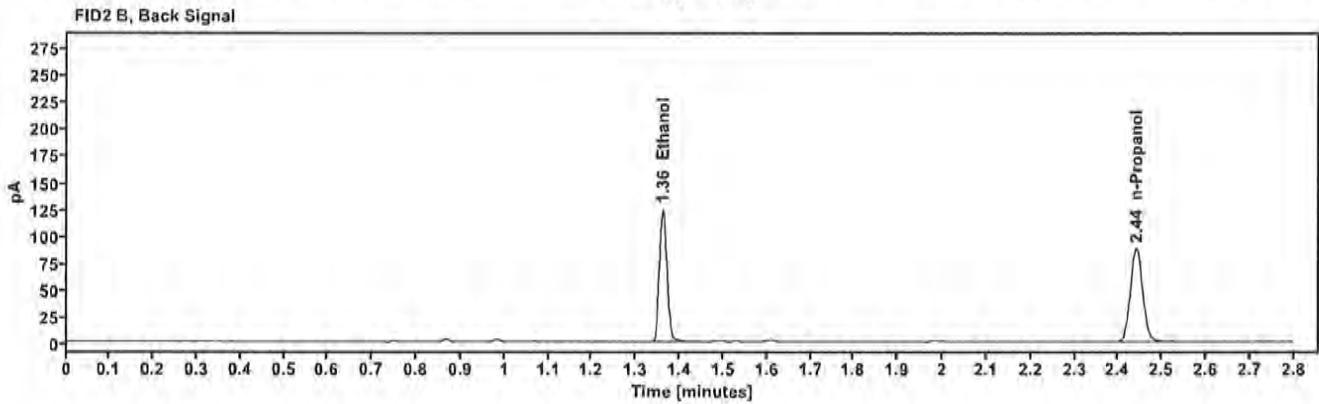
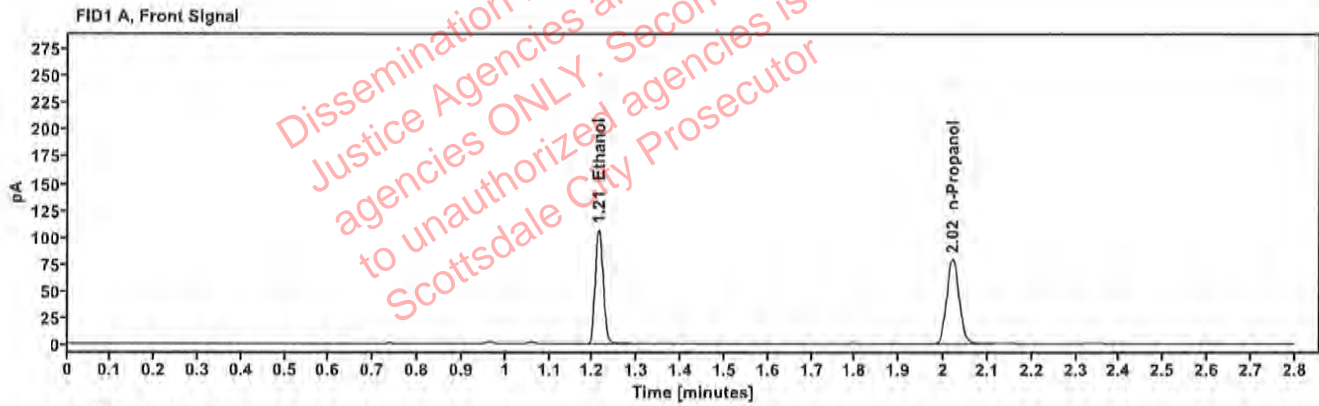


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2135	1.213	136.338
n-Propanol	-----	2.020	158.223

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

Compound	Time (min)	Peak Area
Ethanol	1.361	150.419
n-Propanol	2.441	172.649