

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 03/07/2023 SEQUENCE NAME 07Mar23

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 0.99997
 Vial 3 0.20 calibrator Lot FN02052101
 Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 122022AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.205 g/dL	ACQ 4110320133/10
20	Aqueous control	0.080 g/dL	0.080 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 30012020-A
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.204 g/dL	ACQ 4110320133/10
45	Blank	Not detected	Not detected	SPD lab 011823WB

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

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

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 07Mar23

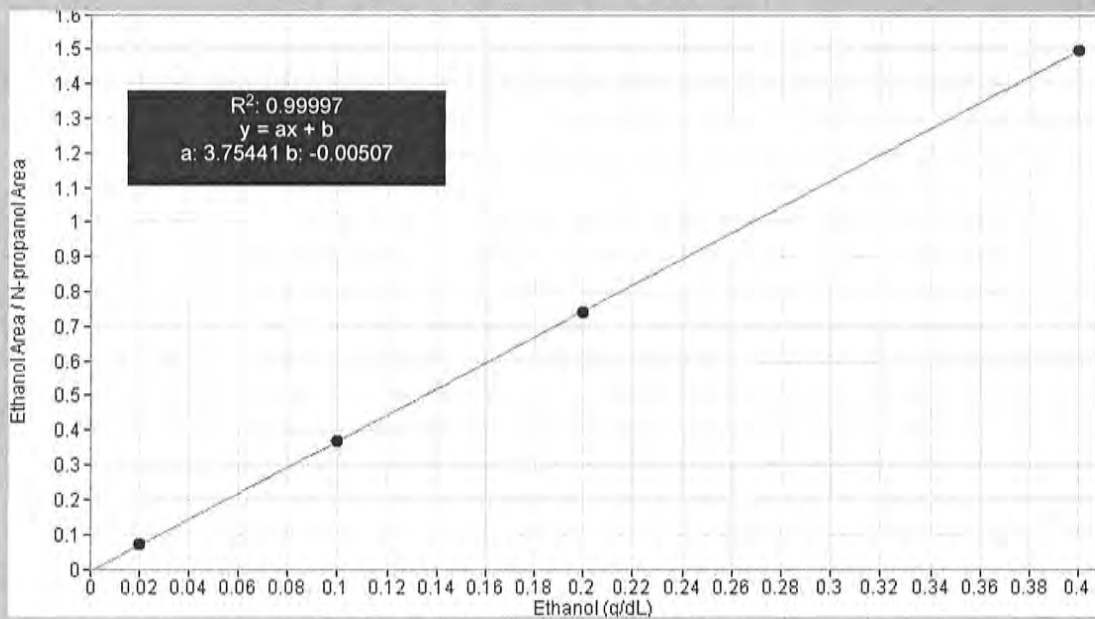
ANALYST: Canonico

el

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 122022AQ	5	negative	negative	-	-
0.400 30012020-A	7	0.402	0.400	0.50	0.002
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/10	9	0.205	0.199	3.02	0.006
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.080 20012020-B	31	0.080	0.080	0.00	0.000
0.400 30012020-A	42	0.400	0.400	0.00	0.000
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.199 4110320133/10	44	0.204	0.199	2.51	0.005
blank 011823WB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.613	160.194	0.073
0.100	60.745	163.929	0.371
0.200	119.835	161.754	0.741
0.400	246.477	164.426	1.499

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051909	Vial: 1
Description: 0.020 calibrator	Sequence: 07Mar23
Method: ethanol quant.M	Injection date: 3/7/2023 12:42:50 PM
Instrument: US14173023 CN14160045	Analyst: Canonico EE
Data file: C:\Chem32\1\Data\07Mar23\1.D	

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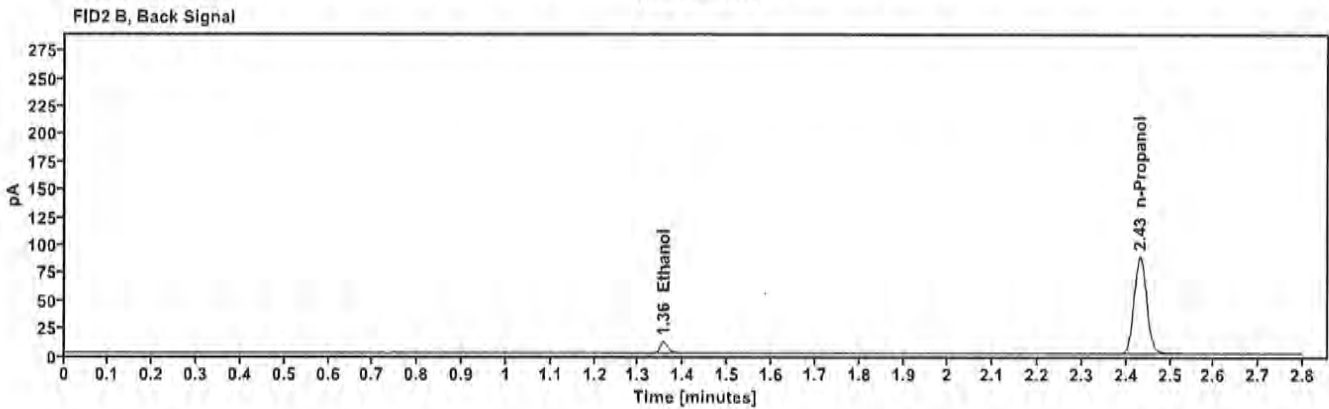
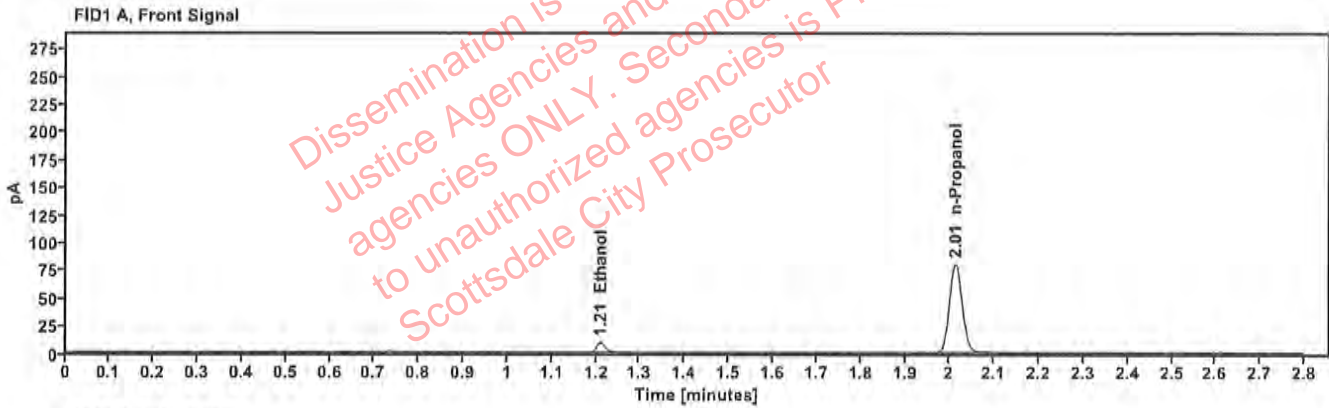


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	11.613
n-Propanol	2.013	160.194

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

Compound	Time (min)	Peak Area
Ethanol	1.355	12.614
n-Propanol	2.431	174.033

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	07Mar23
Method:	ethanol quant.M	Injection date:	3/7/2023 12:46:50 PM
Instrument:	US14173023 CN14160045	Analyst:	Canonico EC
Data file:	C:\Chem32\1\Data\07Mar23\2.D		

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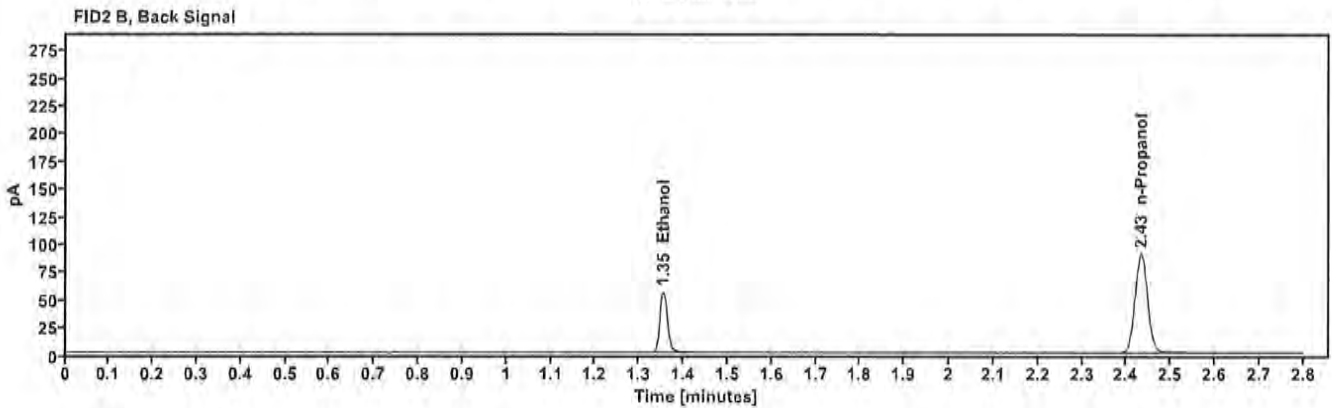
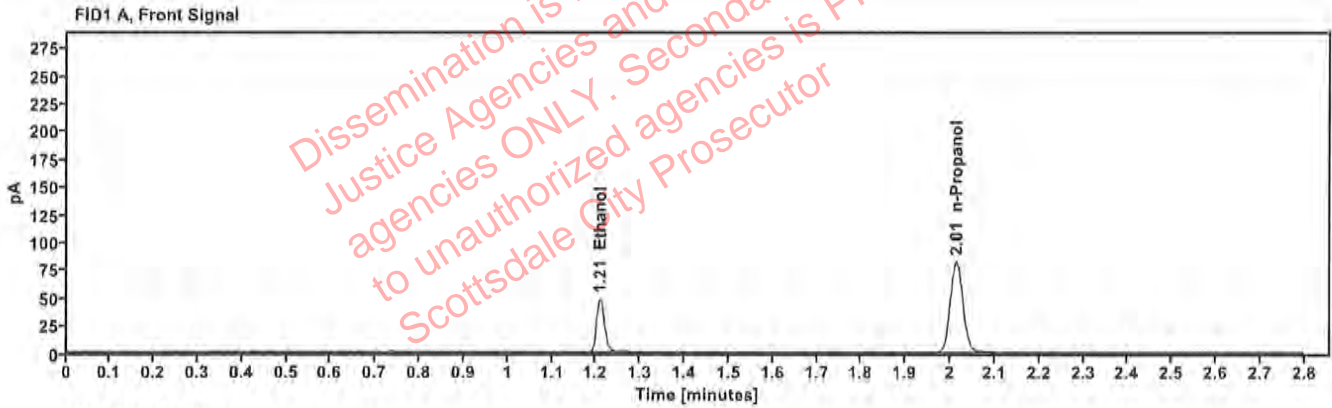


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	60.745
n-Propanol	2.013	163.929

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

Compound	Time (min)	Peak Area
Ethanol	1.354	66.132
n-Propanol	2.432	177.738

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02052101	Vial: 3
Description: 0.200 calibrator	Sequence: 07Mar23
Method: ethanol quant.M	Injection date: 3/7/2023 12:50:49 PM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Chem32\1\Data\07Mar23\3.D	

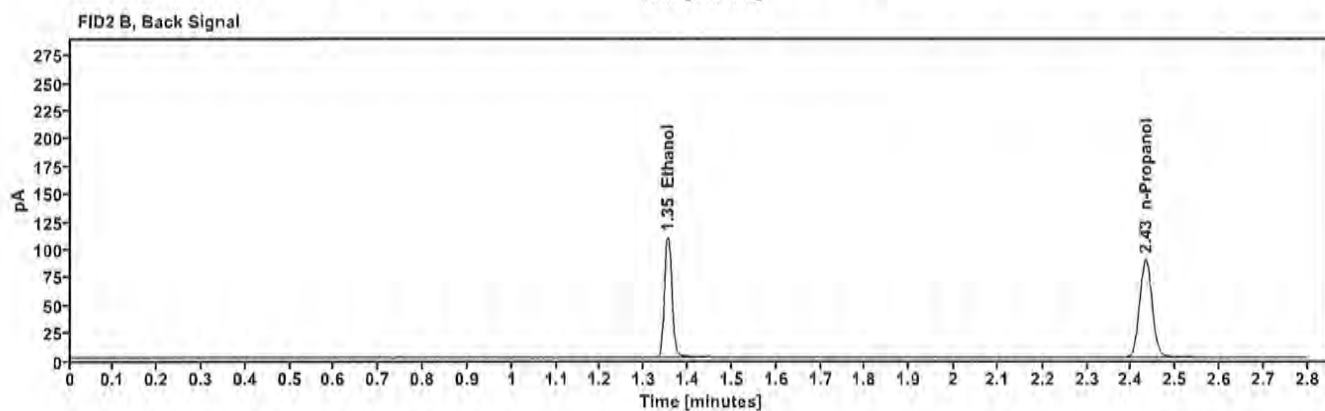
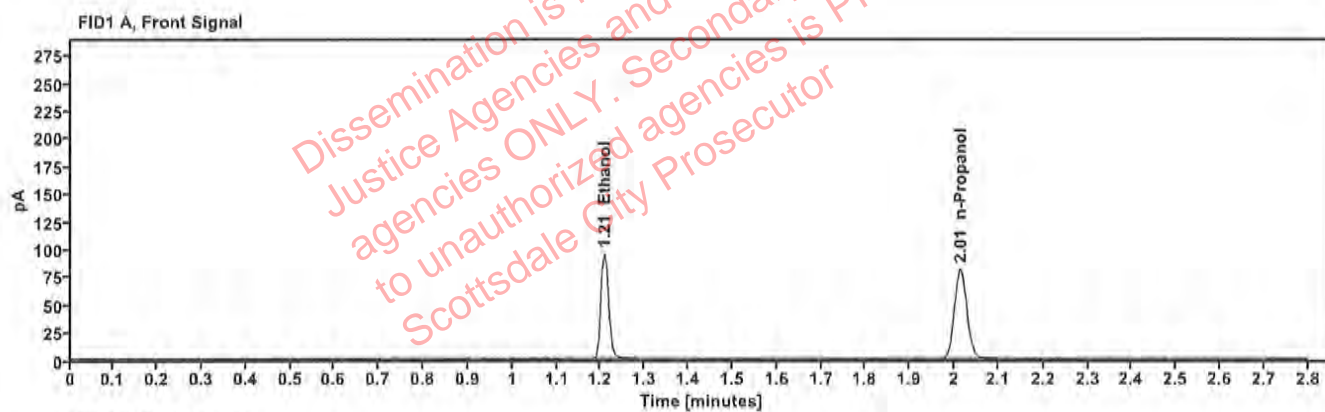


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	119.835
n-Propanol	2.013	161.754

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

Compound	Time (min)	Peak Area
Ethanol	1.353	130.725
n-Propanol	2.432	175.454

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 07Mar23
Method: ethanol quant.M	Injection date: 3/7/2023 12:54:49 PM
Instrument: US14173023 CN14160045	Analyst: Canonico EC
Data file: C:\Chem32\1\Data\07Mar23\4.D	

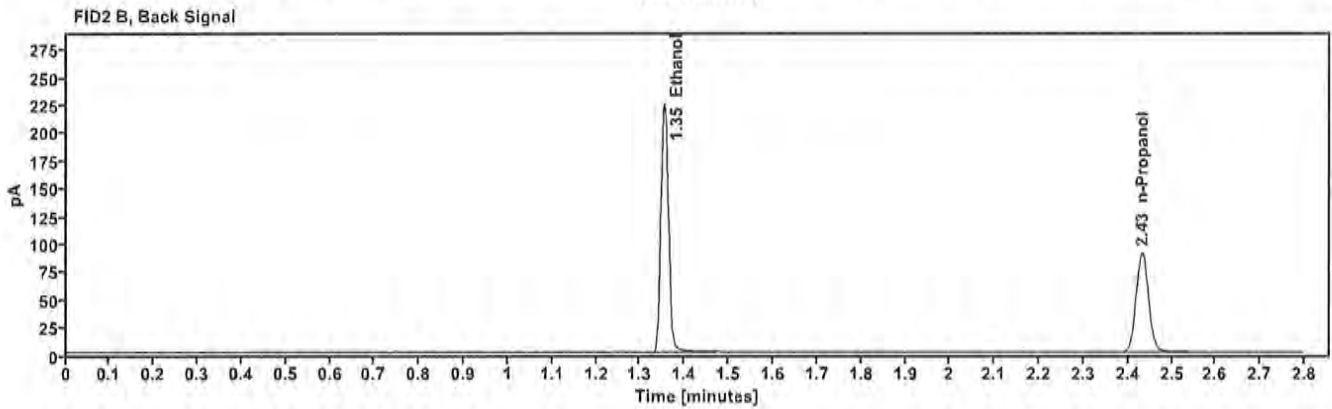
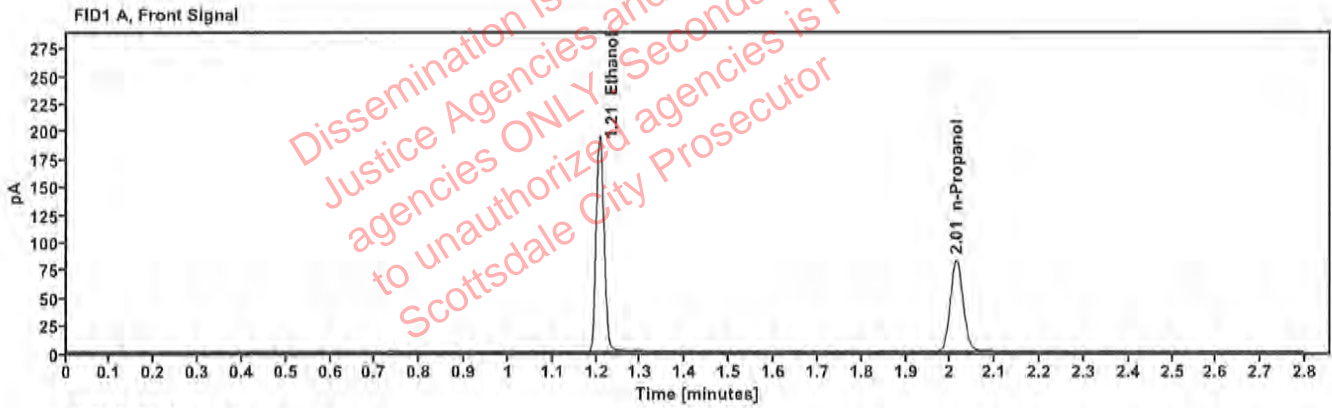


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	246.477
n-Propanol	2.013	164.426

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

Compound	Time (min)	Peak Area
Ethanol	1.353	270.341
n-Propanol	2.432	178.270

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 122022AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 07Mar23
Instrument: US14173023 CN14160045	Injection date: 3/7/2023 12:58:50 PM
Data file: C:\Chem32\1\Data\07Mar23\5.D	Analyst: Canonico <i>EC</i>

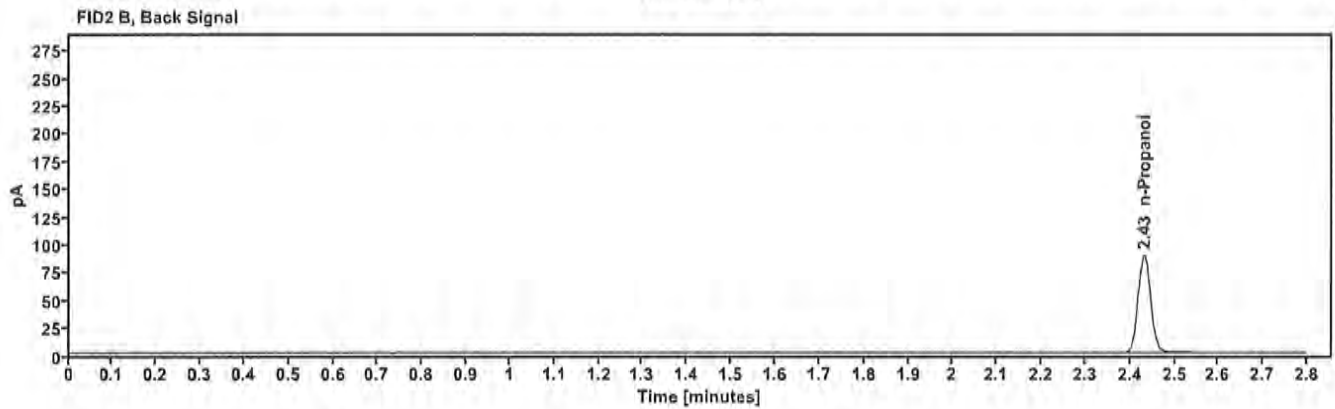


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.013	161.581

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

Compound	Time (min)	Peak Area
n-Propanol	2.432	175.110

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 07Mar23
Instrument: US14173023 CN14160045	Injection date: 3/7/2023 1:02:50 PM
Data file: C:\Chem32\1\Data\07Mar23\6.D	Analyst: Canonico <i>EC</i>

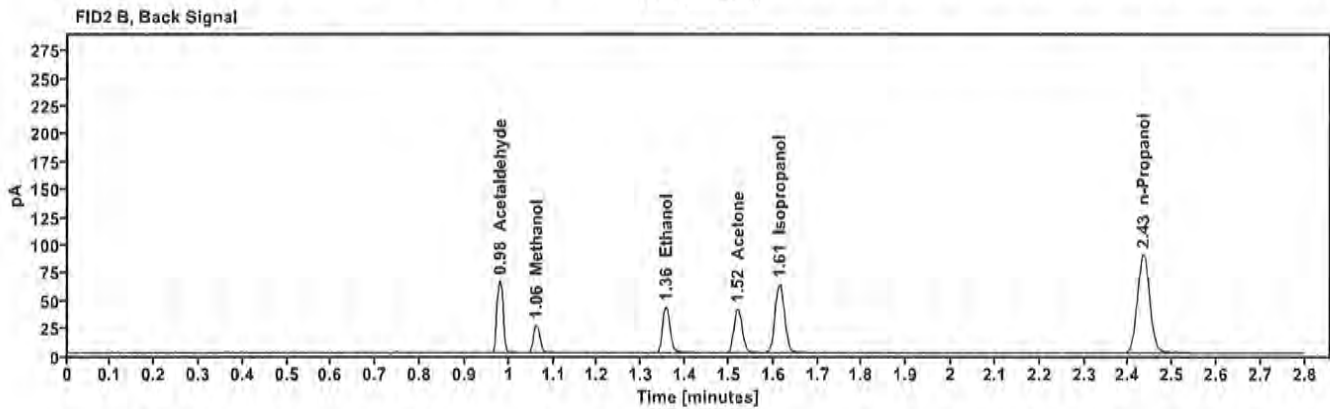
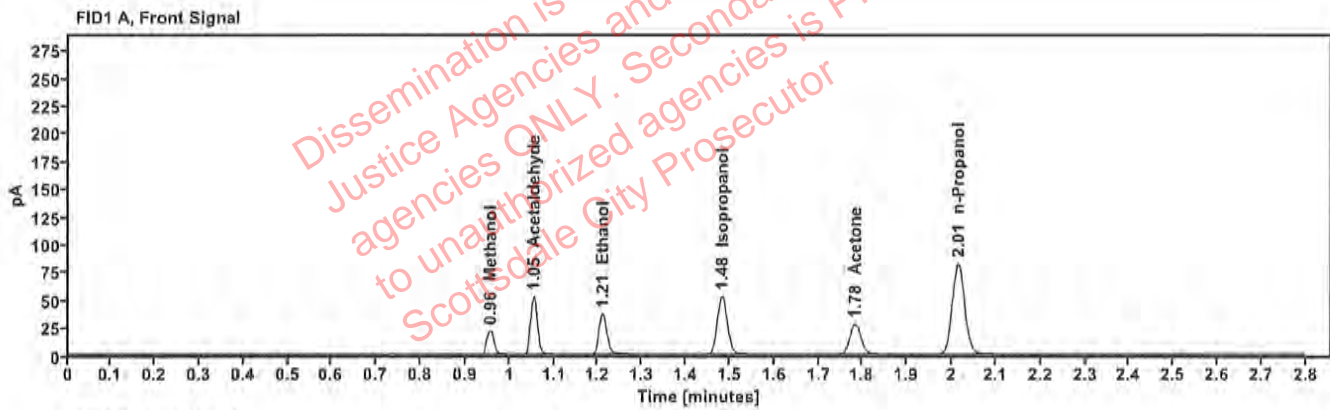


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	---	0.956	24.126
Acetaldehyde	---	1.054	57.360
>Ethanol	0.0770	1.209	46.459
Isopropanol	---	1.482	84.028
Acetone	---	1.783	47.441
n-Propanol	---	2.014	163.472

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.979	64.156
Methanol	1.061	26.705
Ethanol	1.356	50.573
Acetone	1.520	52.181
Isopropanol	1.614	92.985
n-Propanol	2.433	177.272

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 07Mar23
Instrument: US14173023 CN14160045	Injection date: 3/7/2023 1:07:04 PM
Data file: C:\Chem32\1\Data\07Mar23\7.D	Analyst: Canonico <i>ec</i>

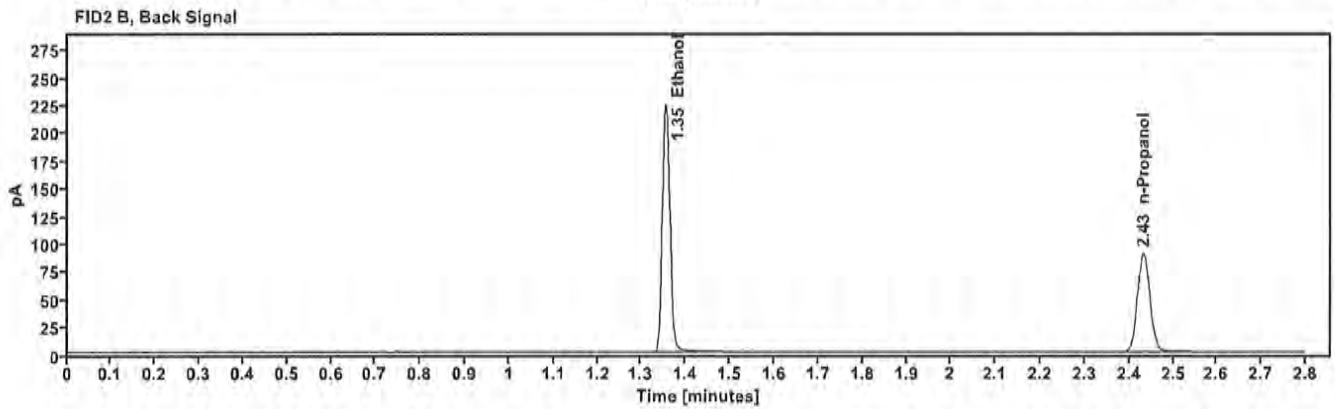
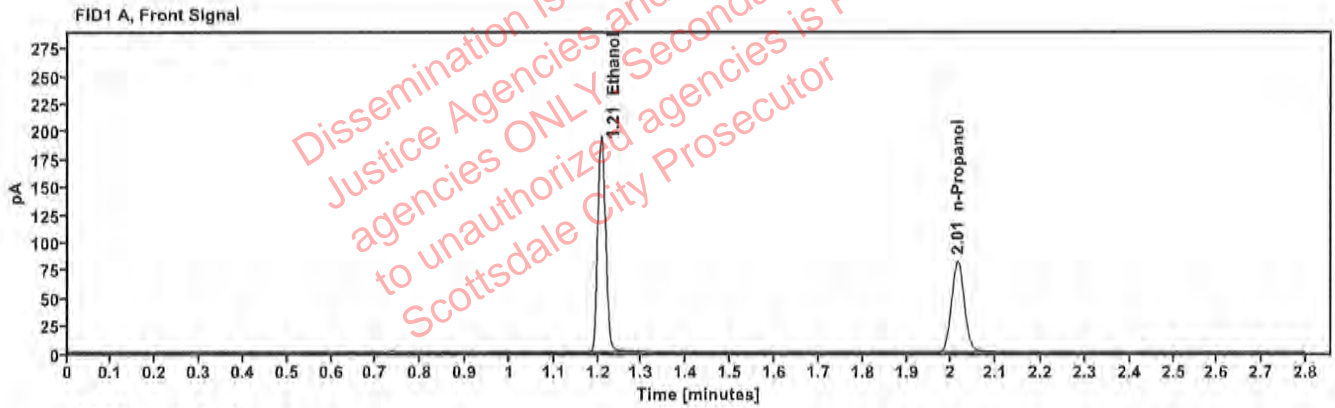


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4023	1.207	246.212
n-Propanol	-----	2.014	163.569

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

Compound	Time (min)	Peak Area
Ethanol	1.354	270.024
n-Propanol	2.432	177.301

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 07Mar23
Instrument: US14173023 CN14160045	Injection date: 3/7/2023 1:11:04 PM
Data file: C:\Chem32\1\Data\07Mar23\8.D	Analyst: Canonico <i>PC</i>

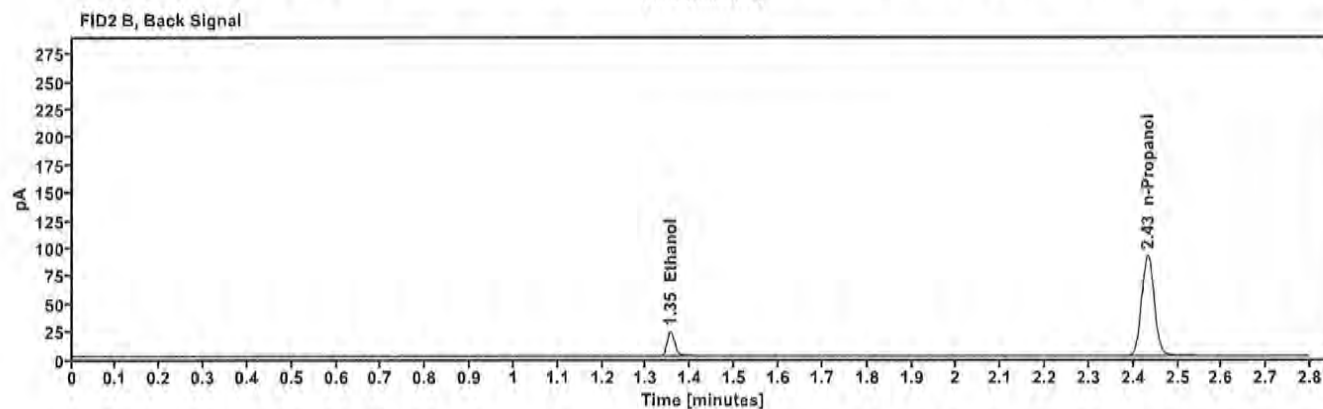
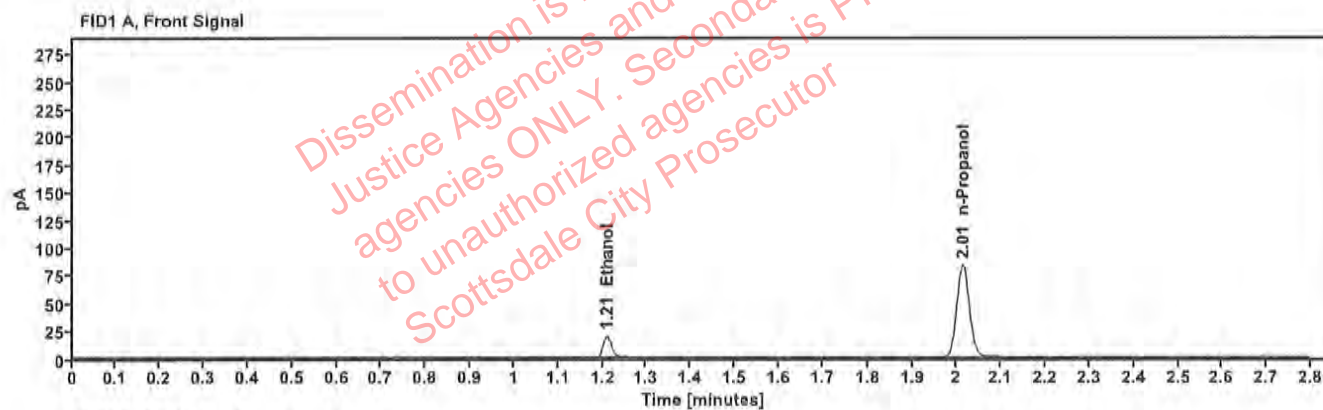


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.208	24.710
n-Propanol	-----	2.013	166.236

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

Compound	Time (min)	Peak Area
Ethanol	1.355	26.897
n-Propanol	2.432	180.455

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/10	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 07Mar23
Instrument: US14173023 CN14160045	Injection date: 3/7/2023 1:15:04 PM
Data file: C:\Chem32\1\Data\07Mar23\9.D	Analyst: Canonico <i>EC</i>

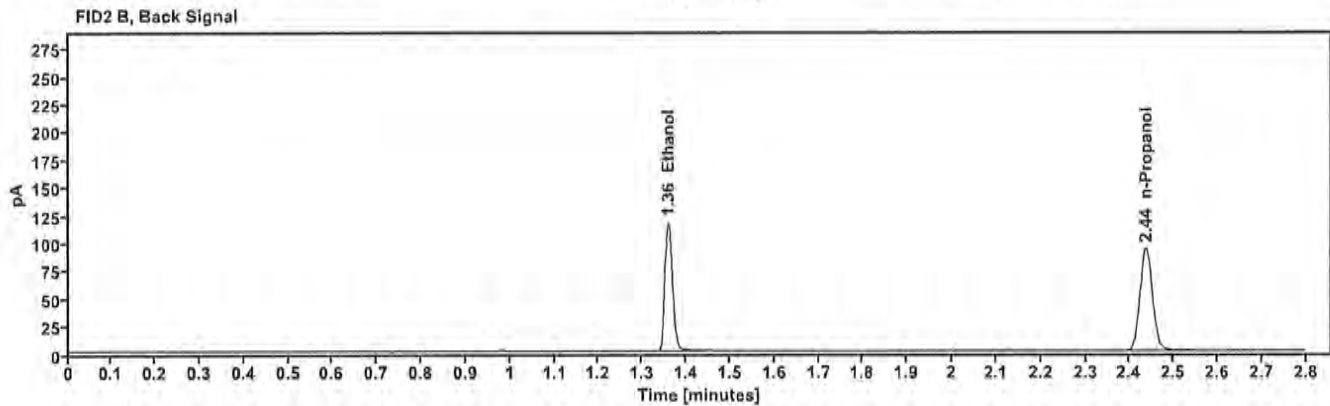
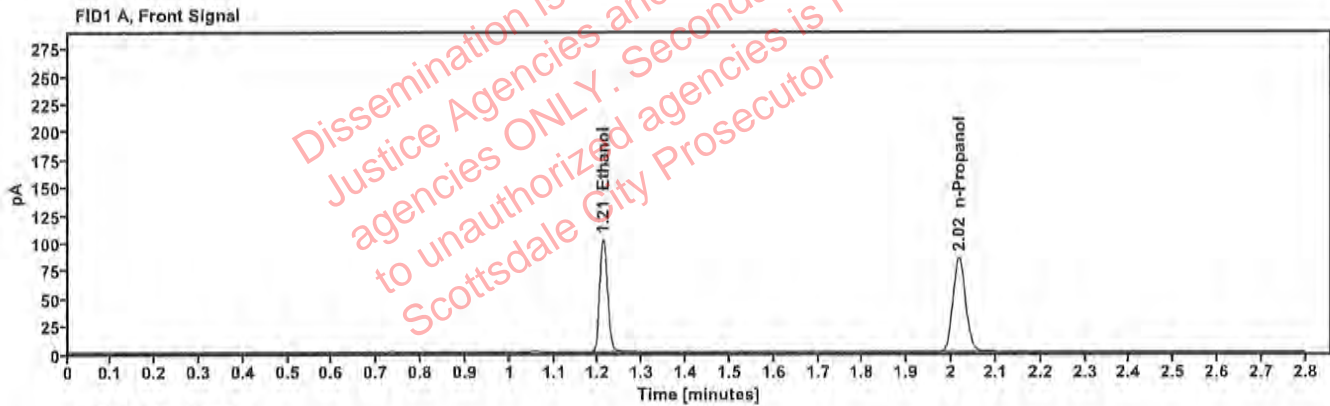


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2053	1.211	129.740
n-Propanol	-----	2.016	169.419

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

Compound	Time (min)	Peak Area
Ethanol	1.359	141.547
n-Propanol	2.437	183.786

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 07Mar23
Instrument: US14173023 CN14160045	Injection date: 3/7/2023 1:59:34 PM
Data file: C:\Chem32\1\Data\07Mar23\20.D	Analyst: Canonico <i>ec</i>

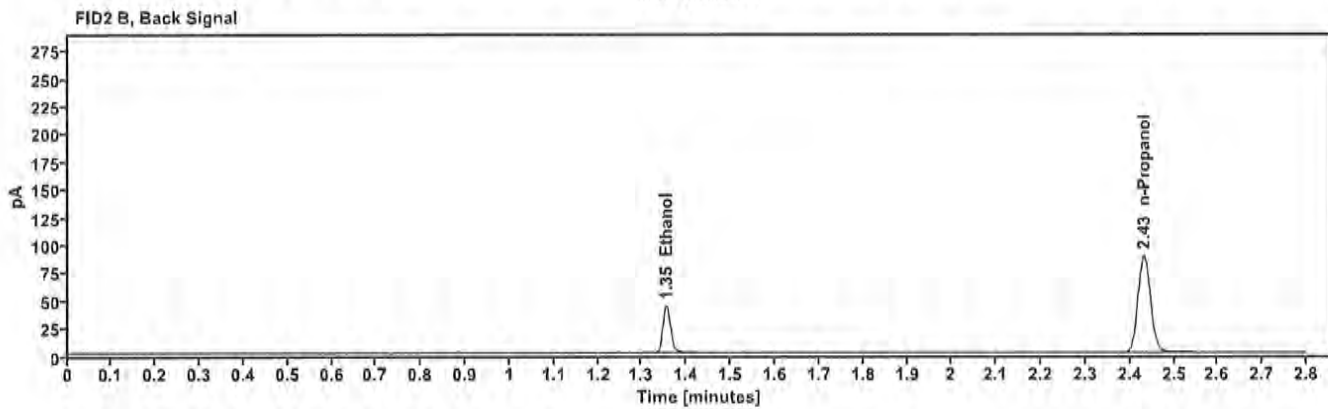
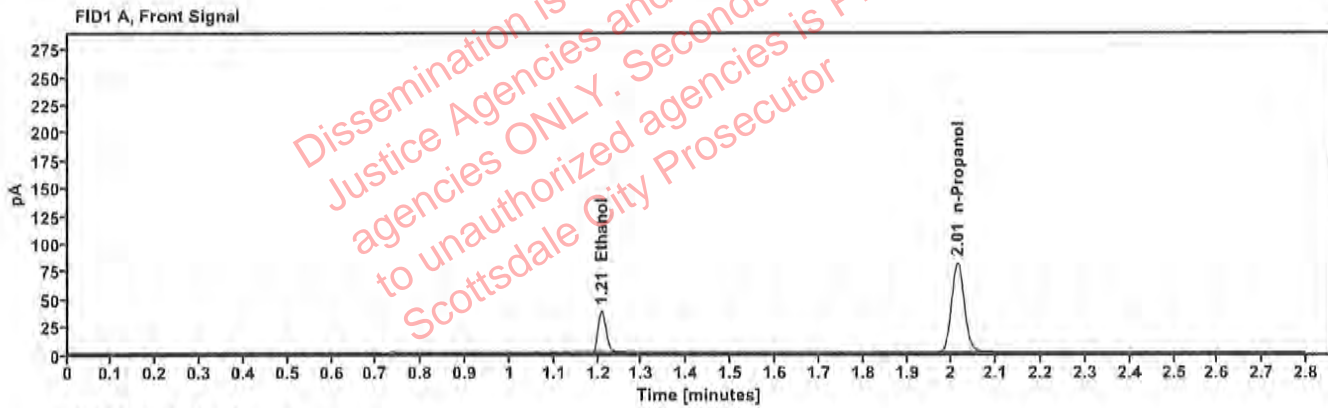


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0803	1.208	47.895
n-Propanol	-----	2.013	161.587

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

Compound	Time (min)	Peak Area
Ethanol	1.354	52.086
n-Propanol	2.432	175.275

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 07Mar23
Instrument: US14173023 CN14160045	Injection date: 3/7/2023 2:44:04 PM
Data file: C:\Chem32\1\Data\07Mar23\31.D	Analyst: Canonico <i>EC</i>

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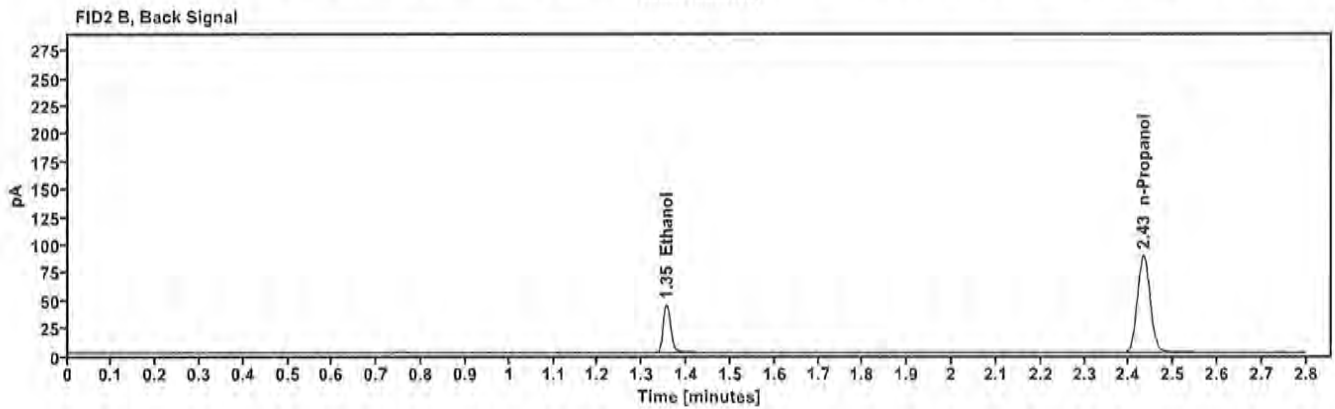
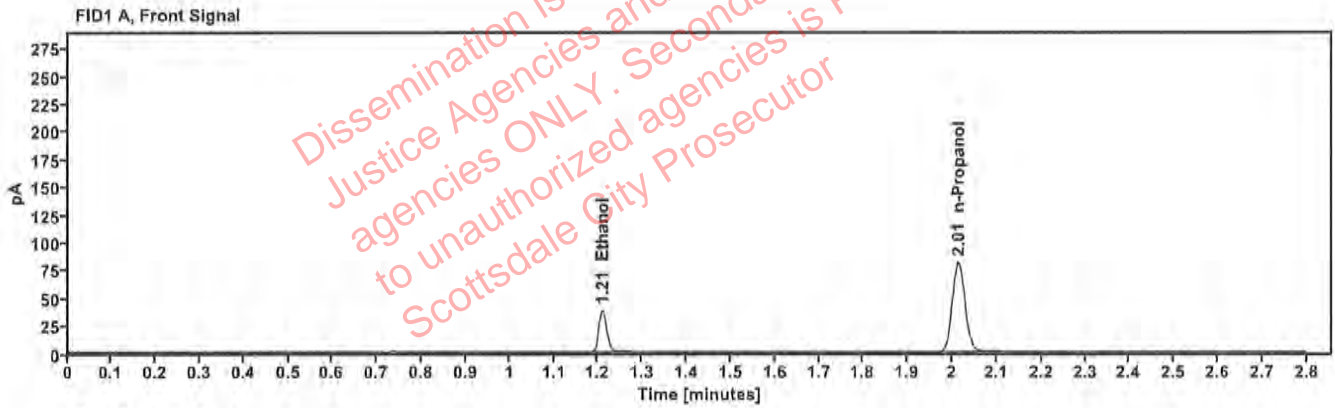


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0804	1.209	48.095
n-Propanol	-----	2.013	161.959

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

Compound	Time (min)	Peak Area
Ethanol	1.354	52.177
n-Propanol	2.432	175.672

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 07Mar23
Instrument: US14173023 CN14160045	Injection date: 3/7/2023 3:28:19 PM
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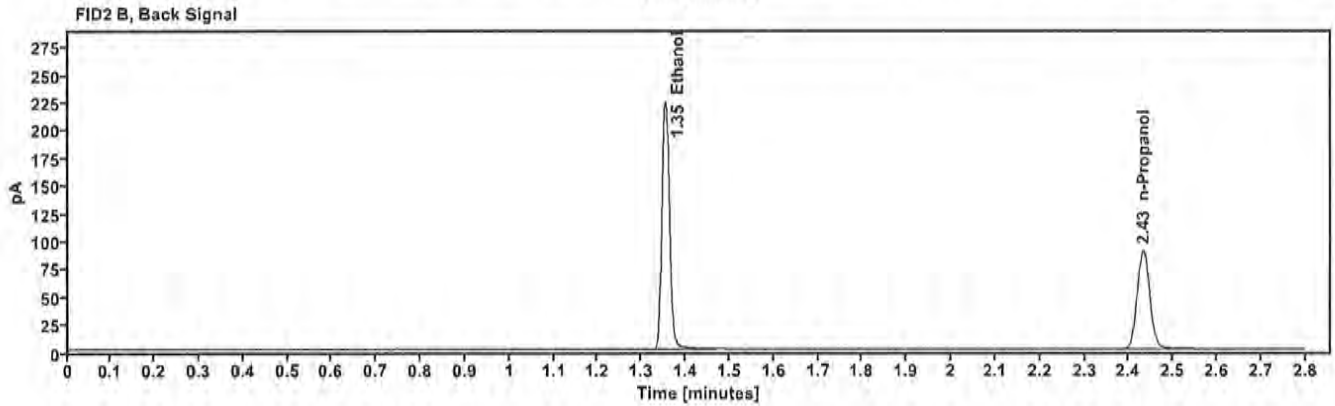
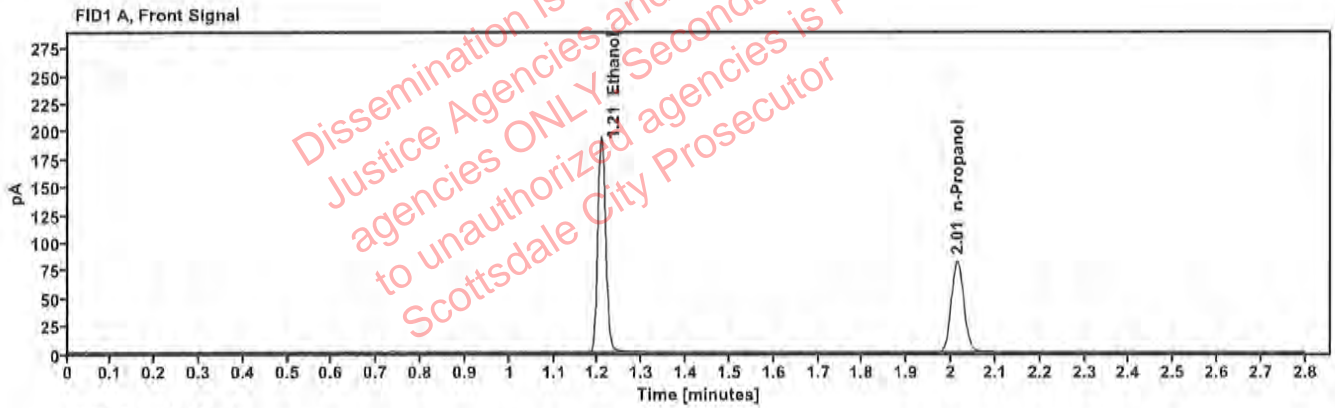


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4005	1.207	245.449
n-Propanol	—	2.013	163.782

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

Compound	Time (min)	Peak Area
Ethanol	1.353	269.751
n-Propanol	2.432	178.022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 07Mar23
Instrument: US14173023 CN14160045	Injection date: 3/7/2023 3:32:35 PM
Data file: C:\Chem32\1\Data\07Mar23\43.D	Analyst: Canonico <i>EC</i>

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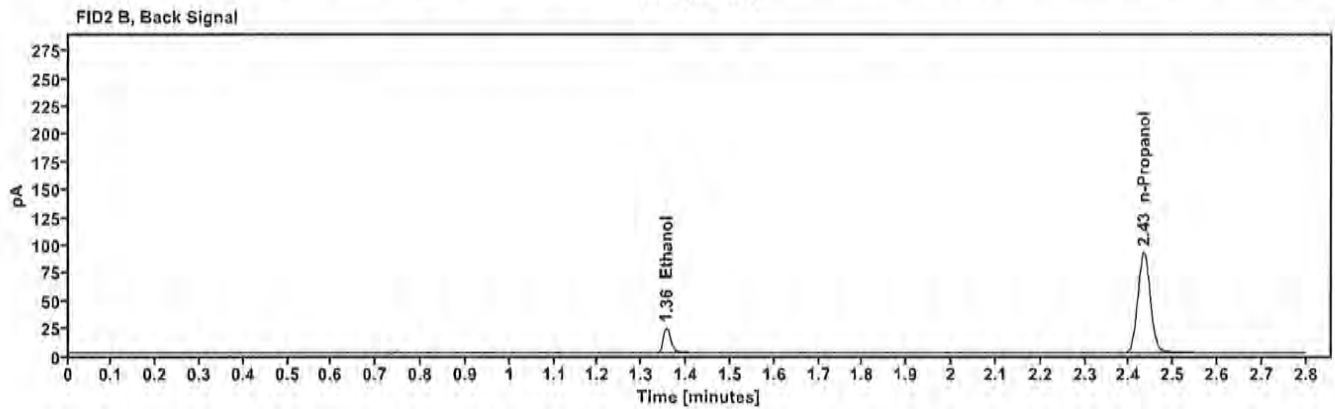
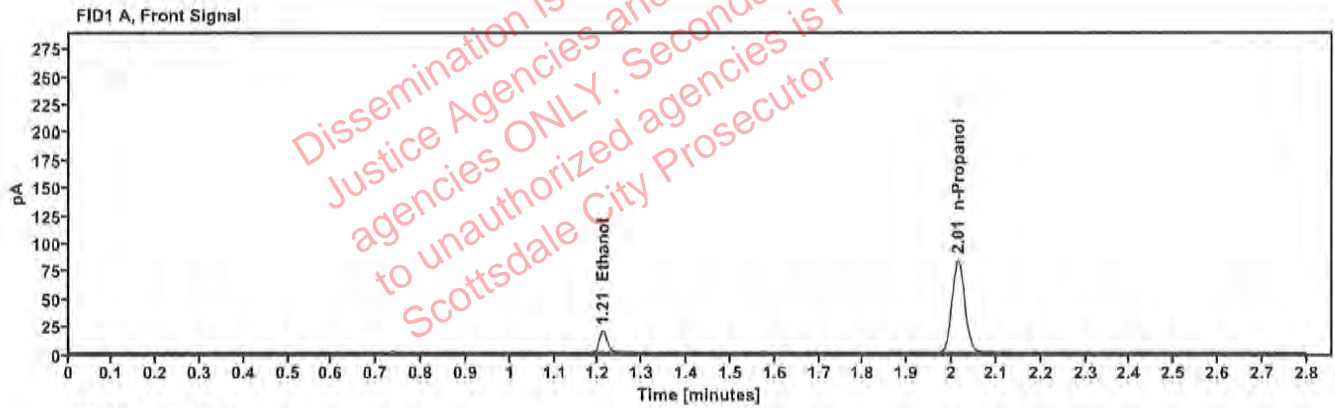


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0412	1.210	25.036
n-Propanol	-----	2.014	167.261

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

Compound	Time (min)	Peak Area
Ethanol	1.355	27.159
n-Propanol	2.433	181.430

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/10	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 07Mar23
Instrument: US14173023 CN14160045	Injection date: 3/7/2023 3:38:35 PM
Data file: C:\Chem32\1\Data\07Mar23\44.D	Analyst: Canonico <i>ec</i>

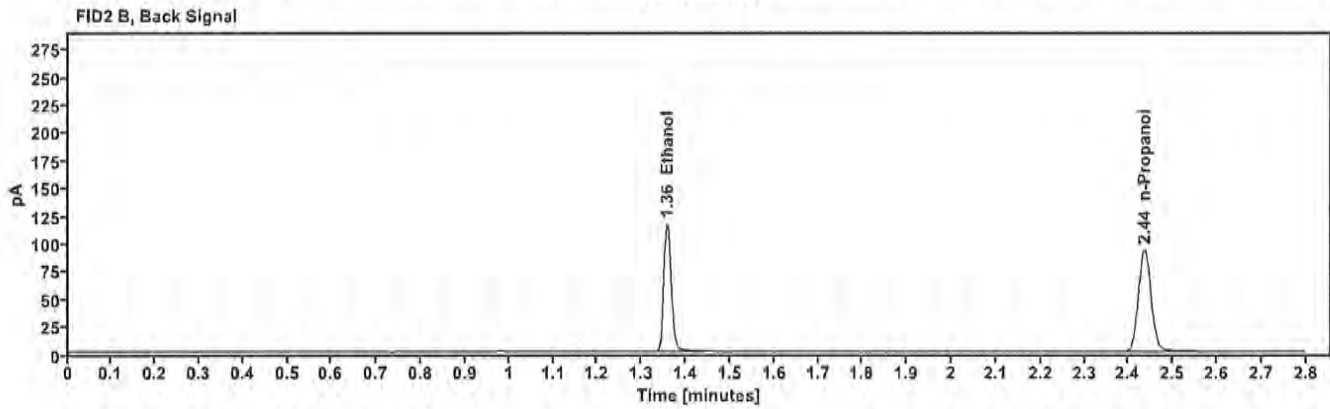
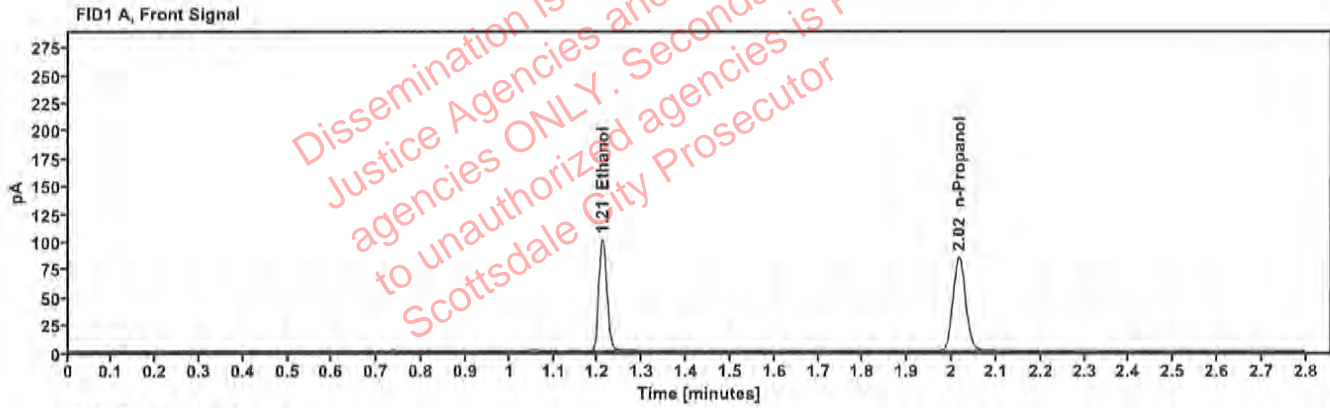


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2040	1.210	128.402
n-Propanol	---	2.016	168.792

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

Compound	Time (min)	Peak Area
Ethanol	1.357	140.357
n-Propanol	2.435	183.238

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 011823WB	Vial: 45
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 07Mar23
Instrument: US14173023 CN14160045	Injection date: 3/7/2023 3:40:34 PM
Data file: C:\Chem32\1\Data\07Mar23\45.D	Analyst: Canonico <i>EC</i>

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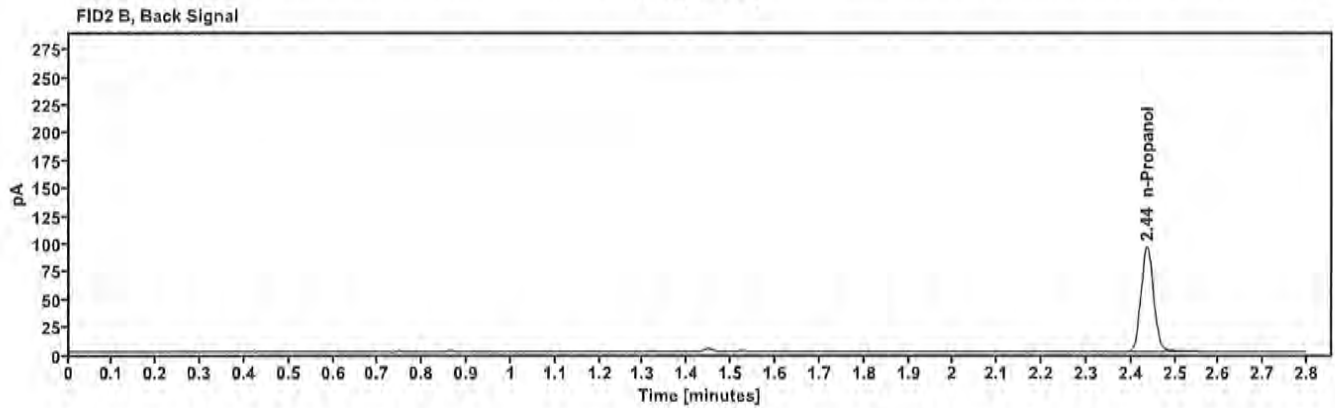
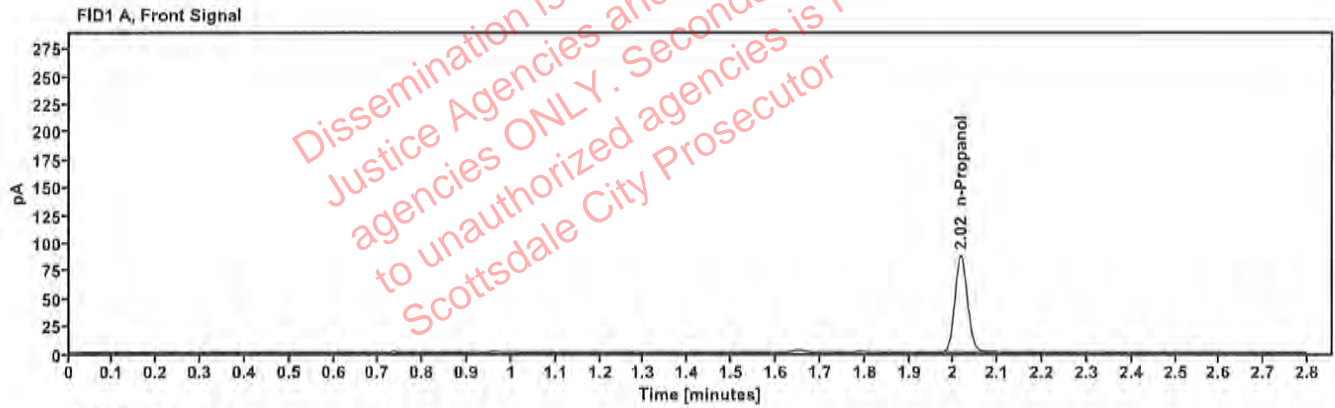


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.016	172.992

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

Compound	Time (min)	Peak Area
n-Propanol	2.436	188.022

Sequence Summary

Sequence name: 07Mar23 Instrument: US14173023 CN14160045 Analyst: Canonico *ec*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN10051909	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN02052101	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	122022AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	30012020-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/10	0.199	Control		ethanol quant.M
10	2304112-2		Sample		ethanol quant.M
11	2304112-2		Sample		ethanol quant.M
12	2300314-2		Sample		ethanol quant.M
13	2300314-2		Sample		ethanol quant.M
14	2304208-2		Sample		ethanol quant.M
15	2304208-2		Sample		ethanol quant.M
16	2304219-1		Sample		ethanol quant.M
17	2304219-1		Sample		ethanol quant.M
18	2304213-1		Sample		ethanol quant.M
19	2304213-1		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	2304231-2		Sample		ethanol quant.M
22	2304231-2		Sample		ethanol quant.M
23	395-001A.M.		Sample		ethanol quant.M
24	395-001A.M.		Sample		ethanol quant.M
25	408-01E.M.		Sample		ethanol quant.M
26	408-01E.M.		Sample		ethanol quant.M
27	327-01K.B.		Sample		ethanol quant.M
28	327-01K.B.		Sample		ethanol quant.M
29	402-01J.A.		Sample		ethanol quant.M
30	402-01J.A.		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	327-01V.G.		Sample		ethanol quant.M
33	327-01V.G.		Sample		ethanol quant.M
34	326-01K.W.		Sample		ethanol quant.M
35	326-01K.W.		Sample		ethanol quant.M
36	327-01C.C.		Sample		ethanol quant.M
37	327-01C.C.		Sample		ethanol quant.M
38	2304557-1		Sample		ethanol quant.M
39	2304557-1		Sample		ethanol quant.M
40	2304586-2		Sample		ethanol quant.M
41	2304586-2		Sample		ethanol quant.M
42	30012020-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/10	0.199	Control		ethanol quant.M
45	011823WB	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 07Mar23

ANALYST: Canonico

80

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2652	0.2606	0.26290	0.87	0.00230
12 13	0.2976	0.3040	0.30080	1.06	0.00320
14 15	0.2601	0.2647	0.26240	0.88	0.00230
16 17	0.0948	0.0947	0.09475	0.05	0.00005
18 19	0.1617	0.1594	0.16055	0.72	0.00115
21 22	0.1172	0.1191	0.11815	0.80	0.00095
23 24	0.1891	0.1925	0.19080	0.89	0.00170
25 26	0.1660	0.1631	0.16455	0.88	0.00145
27 28	0.1647	0.1655	0.16510	0.24	0.00040
29 30	0.1300	0.1295	0.12975	0.19	0.00025
32 33	0.1846	0.1840	0.18430	0.16	0.00030
34 35	0.1315	0.1314	0.13145	0.04	0.00005
36 37	0.1273	0.1261	0.12670	0.47	0.00060
38 39	0.1992	0.1964	0.19780	0.71	0.00140
40 41	0.0000	0.0000	0.00000	0.00	0.00000

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304112-2	Vial:	10
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 1:19:05 PM
Data file:	C:\Chem32\1\Data\07Mar23\10.D	Analyst:	Canonico

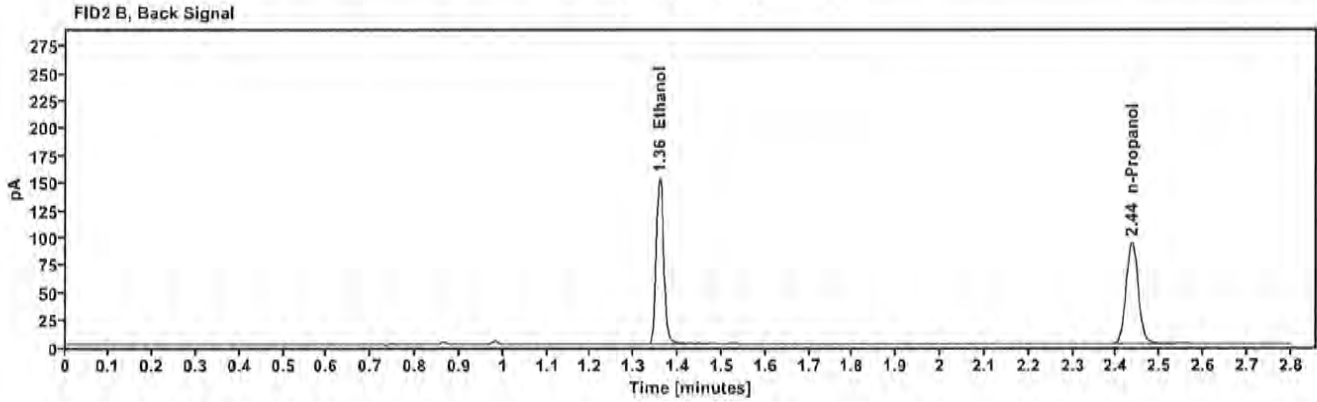
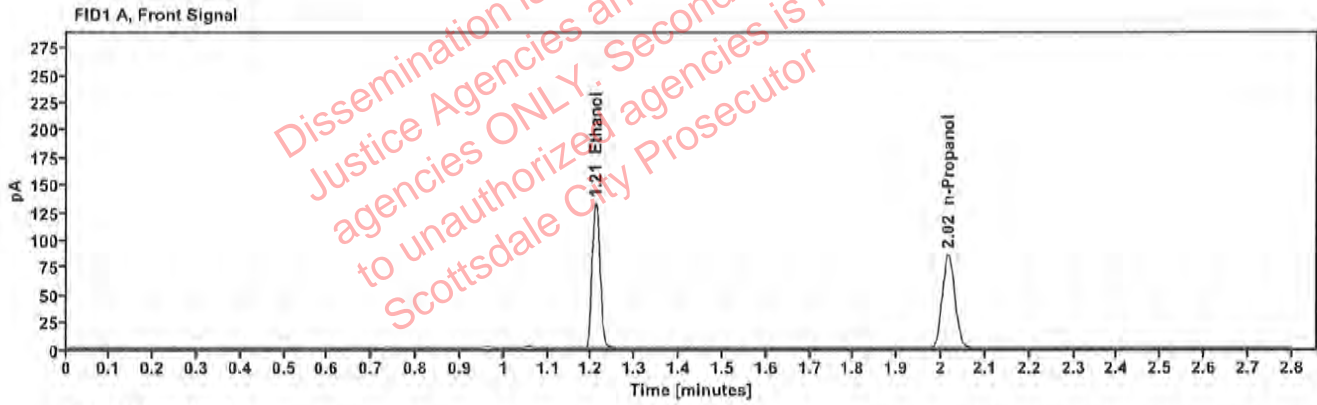


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2652	1.210	168.904
n-Propanol	---	2.016	170.490

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

Compound	Time (min)	Peak Area
Ethanol	1.357	185.067
n-Propanol	2.435	184.646

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304112-2	Vial:	11
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 1:23:04 PM
Data file:	C:\Chem32\1\Data\07Mar23\11.D	Analyst:	Canonico

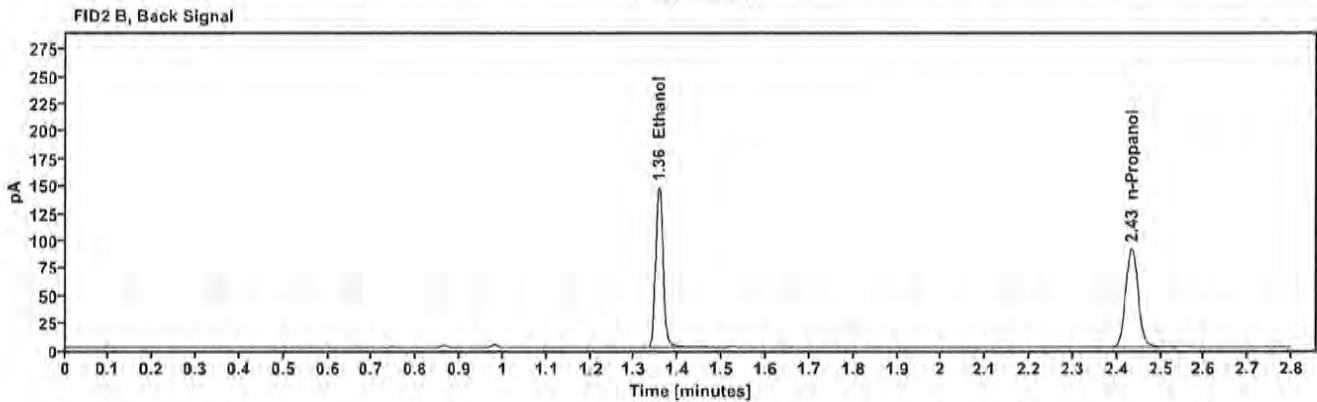
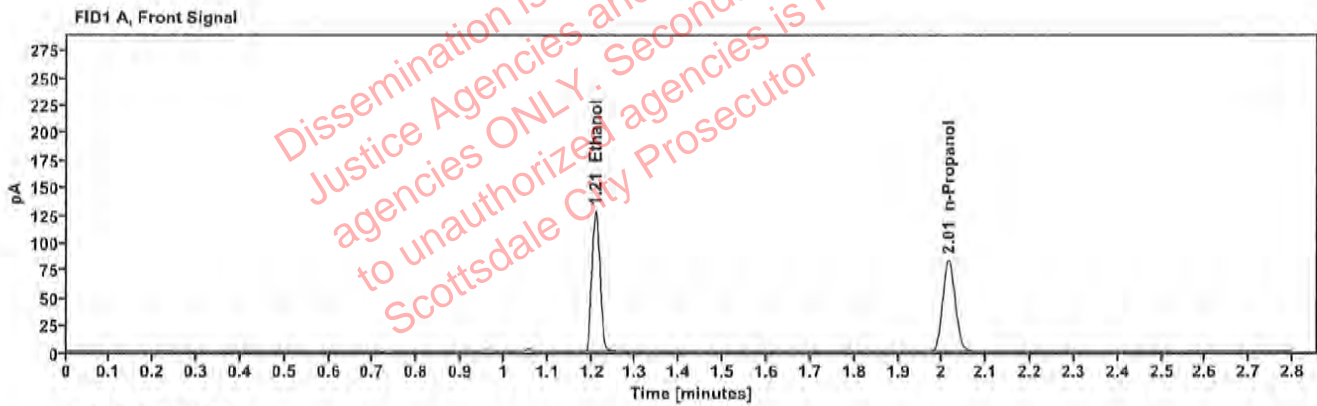


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2606	1.209	161.243
n-Propanol	---	2.014	165.634

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

Compound	Time (min)	Peak Area
Ethanol	1.355	176.634
n-Propanol	2.434	179.365

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2300314-2	Vial:	12
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 1:27:04 PM
Data file:	C:\Chem32\1\Data\07Mar23\12.D	Analyst:	Canonico

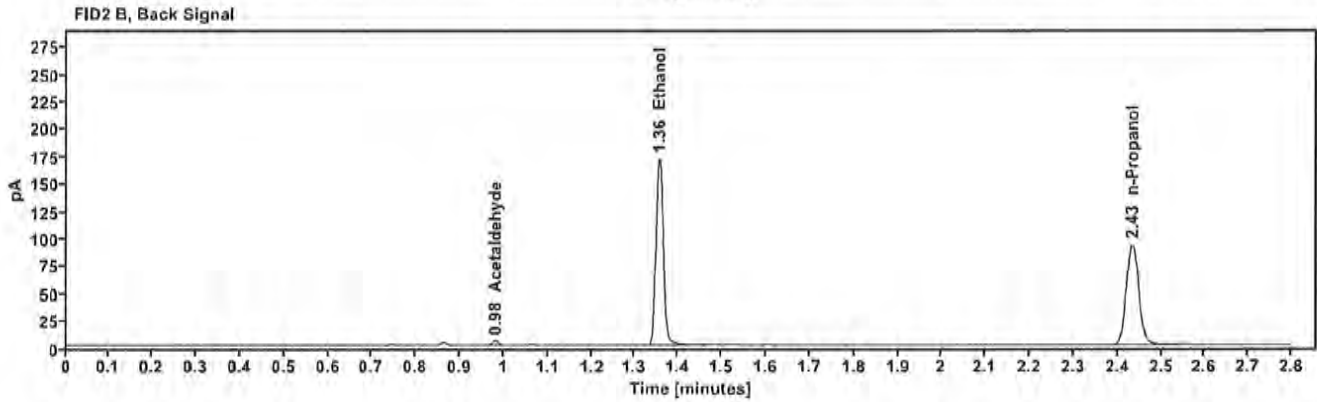
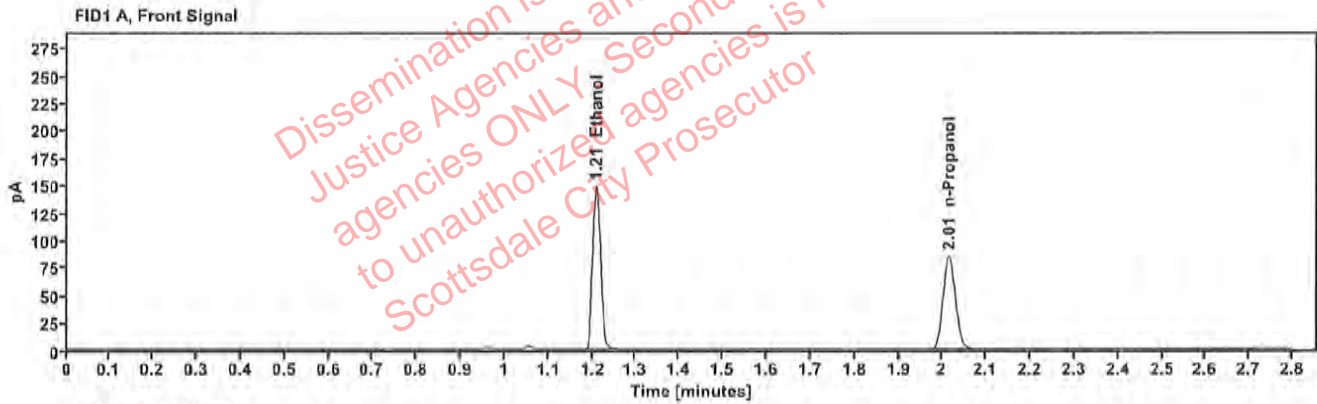


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2976	1.209	188.063
n-Propanol	-----	2.015	169.060

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.980	3.996
Ethanol	1.356	206.122
n-Propanol	2.434	183.206

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2300314-2	Vial:	13
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 1:31:20 PM
Data file:	C:\Chem32\1\Data\07Mar23\13.D	Analyst:	Canonico

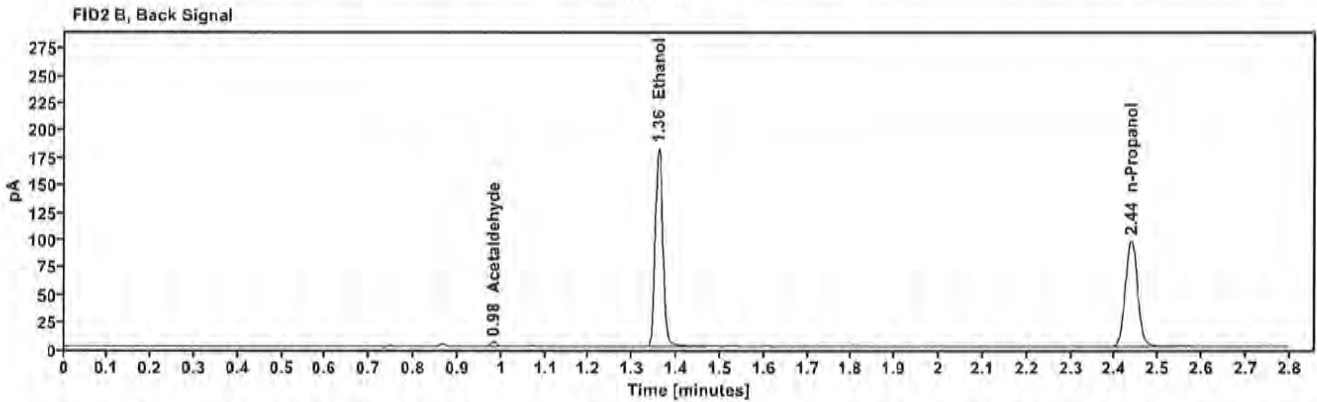
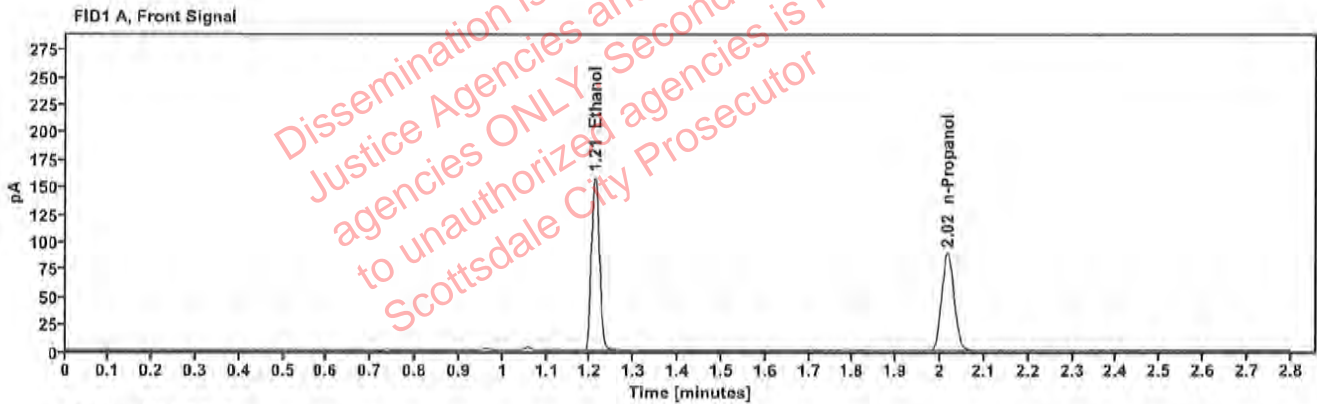


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3040	1.211	201.010
n-Propanol	-----	2.017	176.926

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	4.009
Ethanol	1.359	220.098
n-Propanol	2.437	191.660

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304208-2	Vial:	14
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 1:35:19 PM
Data file:	C:\Chem32\1\Data\07Mar23\14.D	Analyst:	Canonico

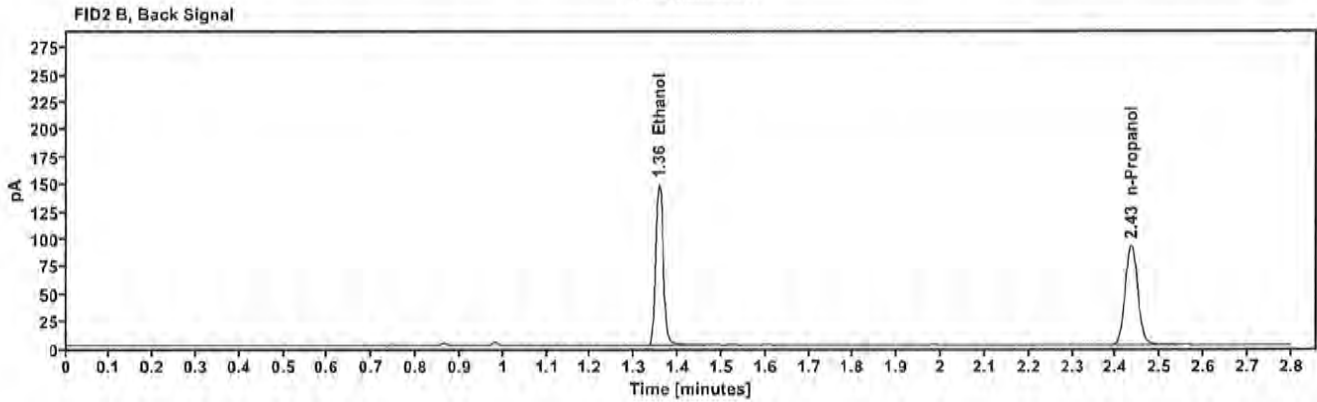
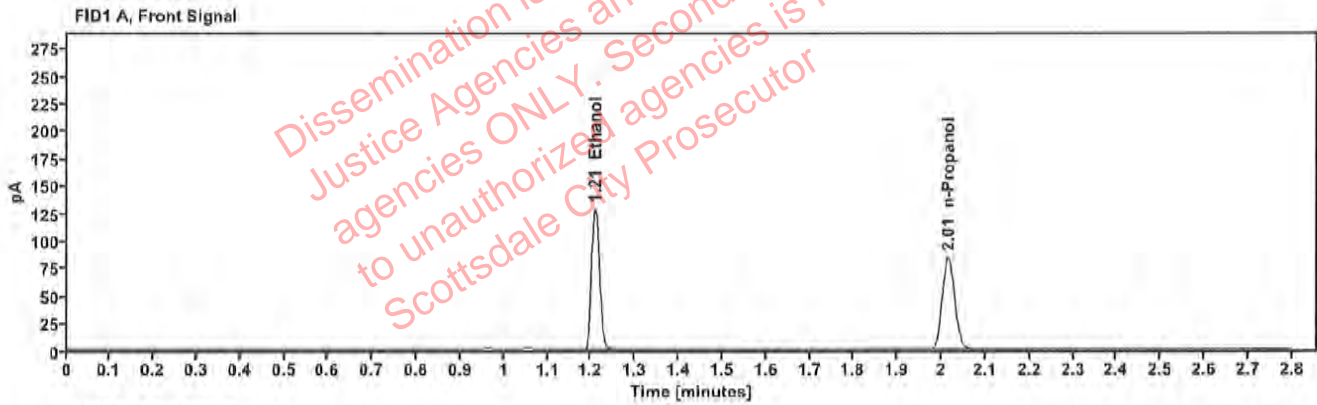


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2601	1.209	162.843
n-Propanol	—	2.015	167.656

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

Compound	Time (min)	Peak Area
Ethanol	1.356	178.352
n-Propanol	2.434	181.843

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304208-2	Vial:	15
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 1:39:20 PM
Data file:	C:\Chem32\1\Data\07Mar23\15.D	Analyst:	Canonico

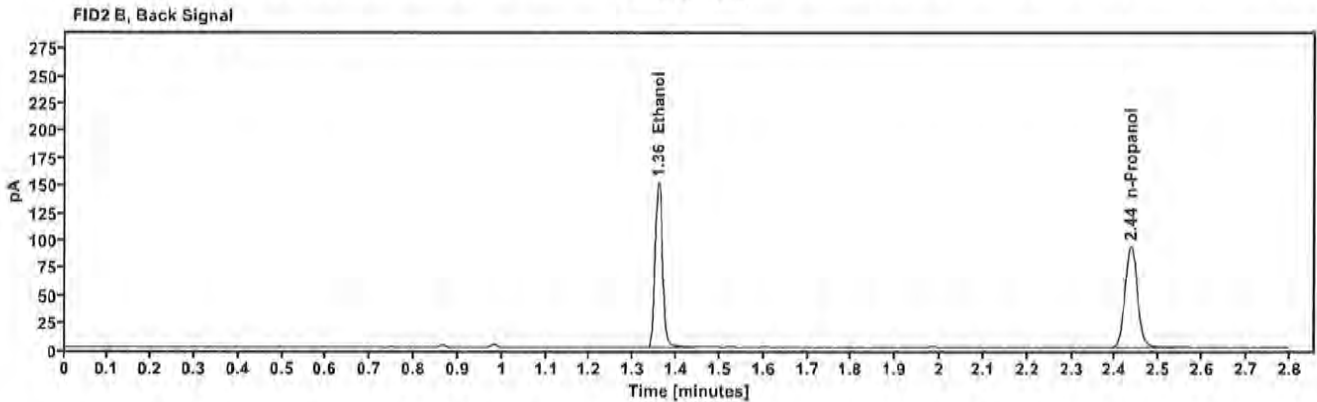
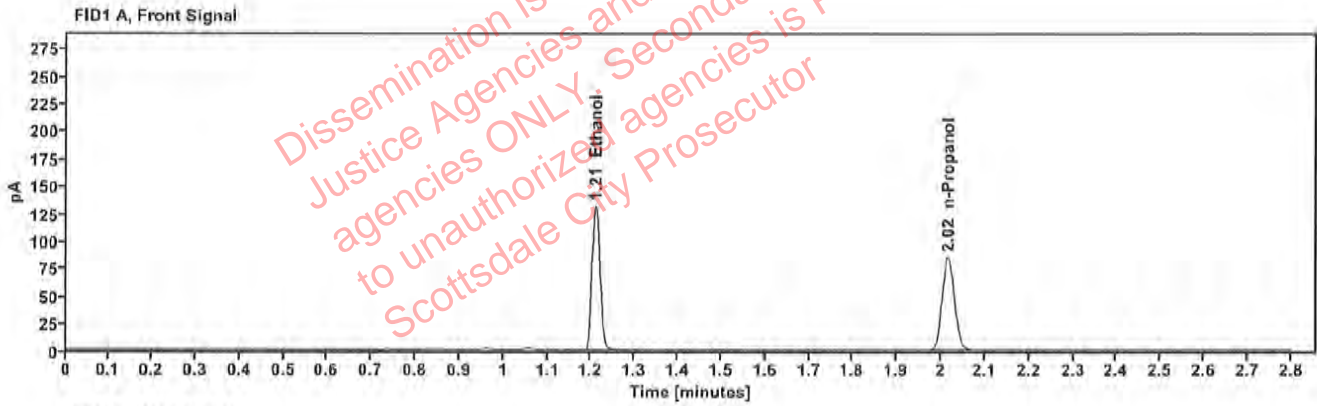


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2647	1.210	167.004
n-Propanol	---	2.016	168.887

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

Compound	Time (min)	Peak Area
Ethanol	1.357	182.644
n-Propanol	2.436	183.071

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304219-1	Vial:	16
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 1:43:19 PM
Data file:	C:\Chem32\1\Data\07Mar23\16.D	Analyst:	Canonico

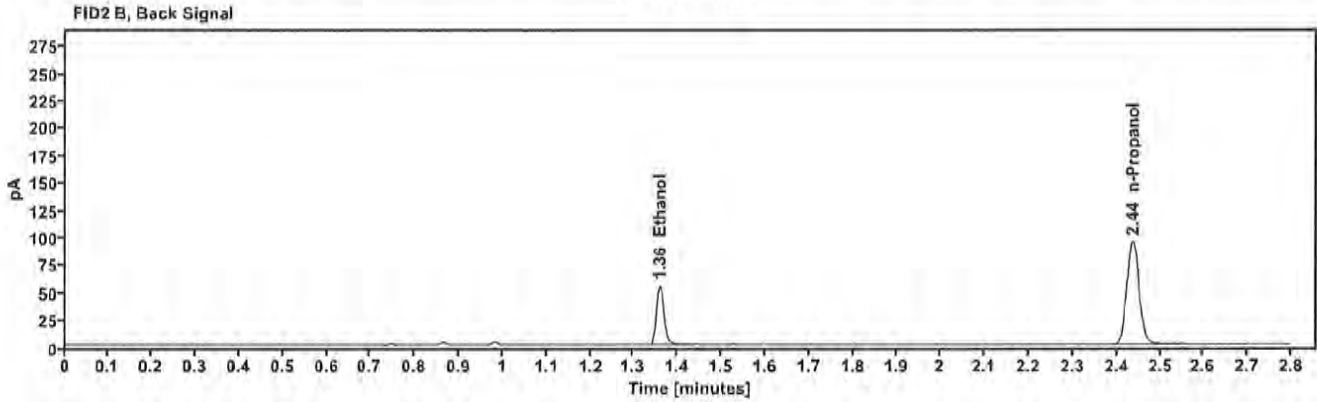
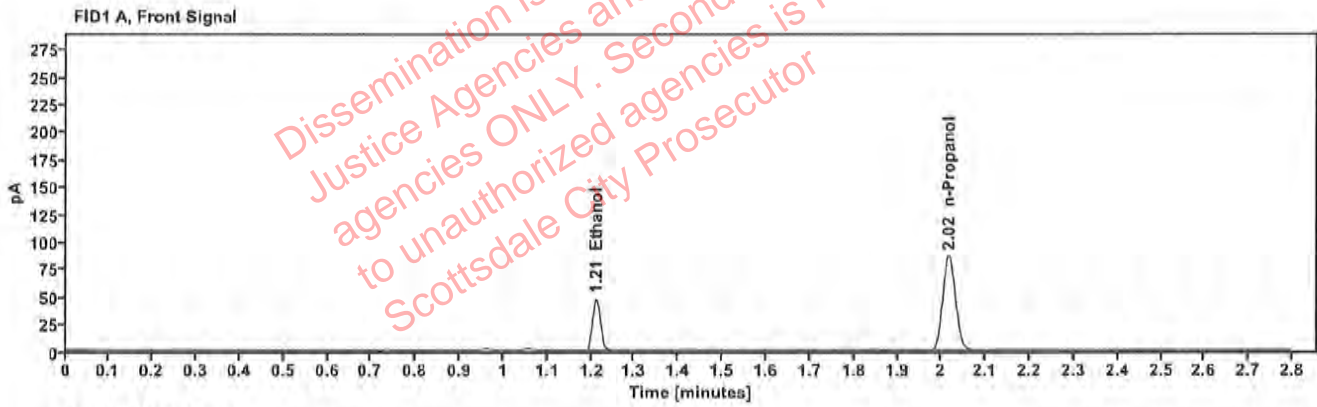


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0948	1.211	60.396
n-Propanol	-----	2.016	172.157

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

Compound	Time (min)	Peak Area
Ethanol	1.359	65.666
n-Propanol	2.437	186.617

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304219-1	Vial:	17
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 1:47:19 PM
Data file:	C:\Chem32\1\Data\07Mar23\17.D	Analyst:	Canonico

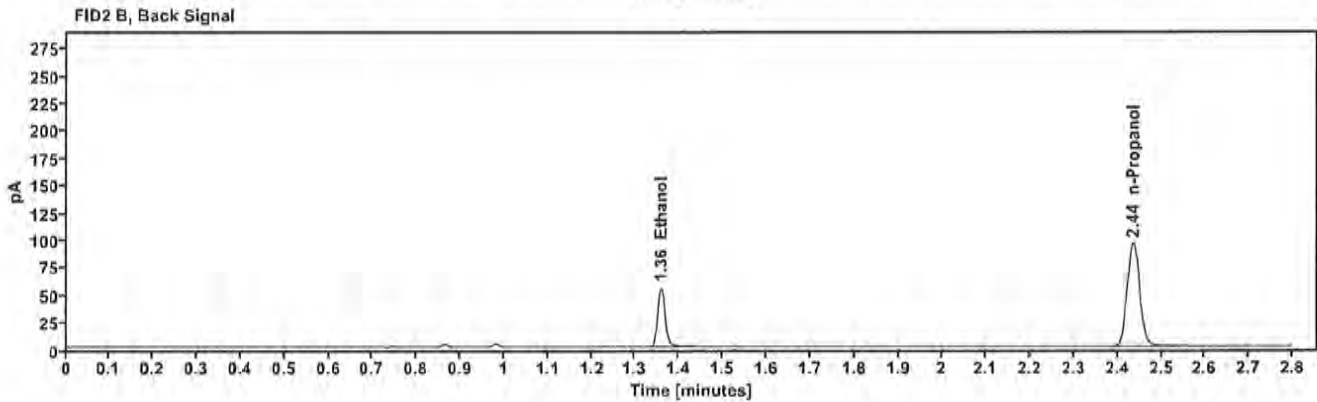
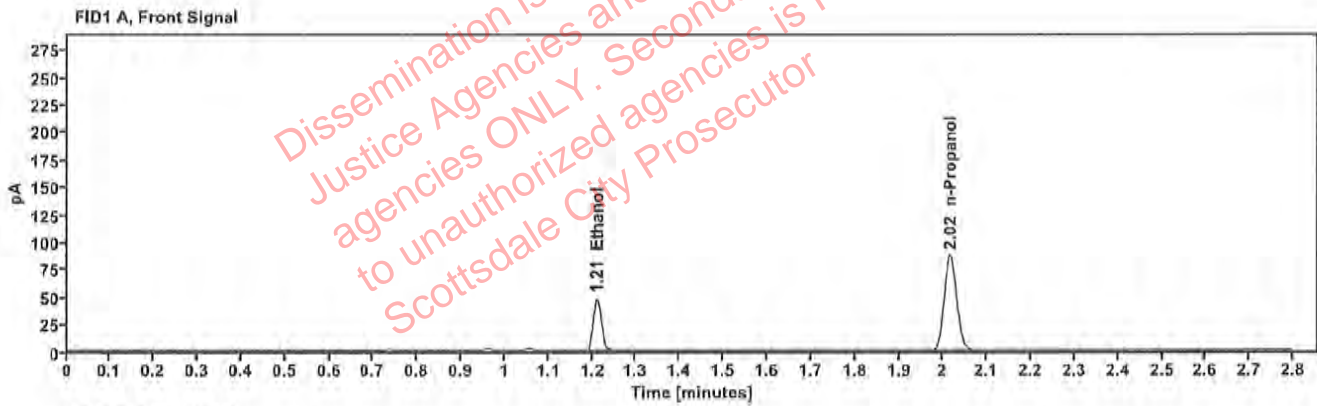


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0947	1.211	60.703
n-Propanol	---	2.016	173.175

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

Compound	Time (min)	Peak Area
Ethanol	1.358	65.927
n-Propanol	2.436	187.800

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304213-1	Vial:	18
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 1:51:19 PM
Data file:	C:\Chem32\1\Data\07Mar23\18.D	Analyst:	Canonico

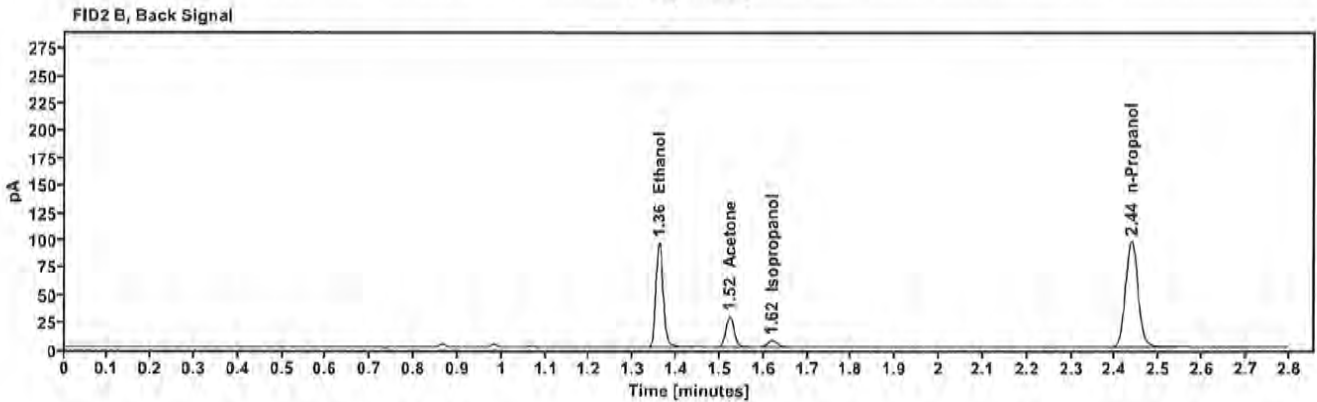
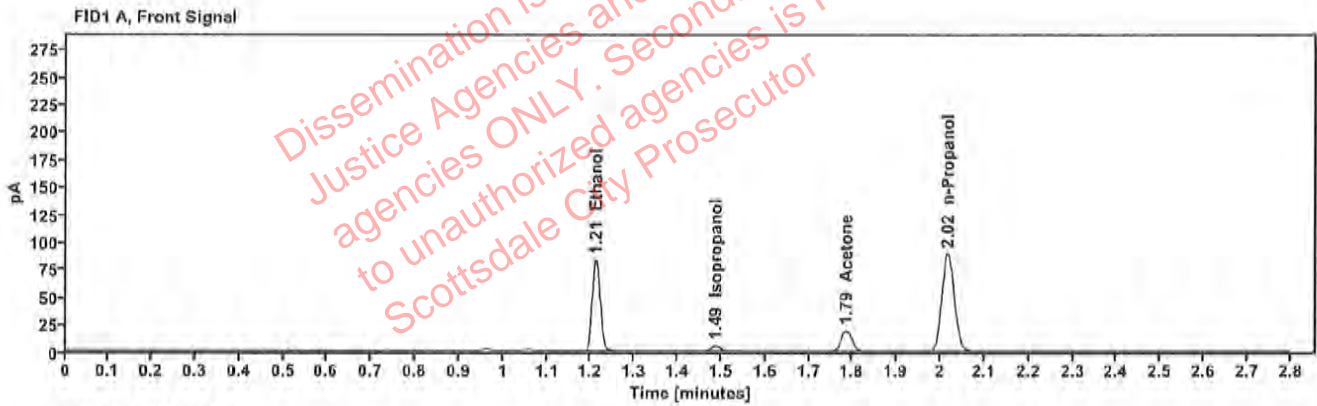


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1617	1.211	106.428
Isopropanol	-----	1.487	7.614
Acetone	-----	1.785	32.798
n-Propanol	-----	2.017	176.837

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

Compound	Time (min)	Peak Area
Ethanol	1.359	115.878
Acetone	1.523	35.883
Isopropanol	1.619	8.371
n-Propanol	2.437	191.432

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304213-1	Vial:	19
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 1:55:34 PM
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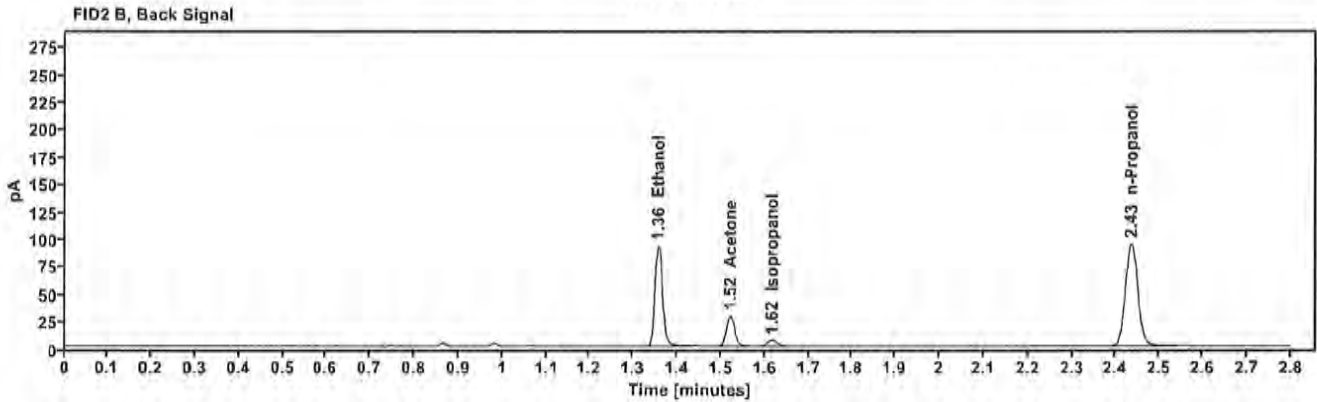
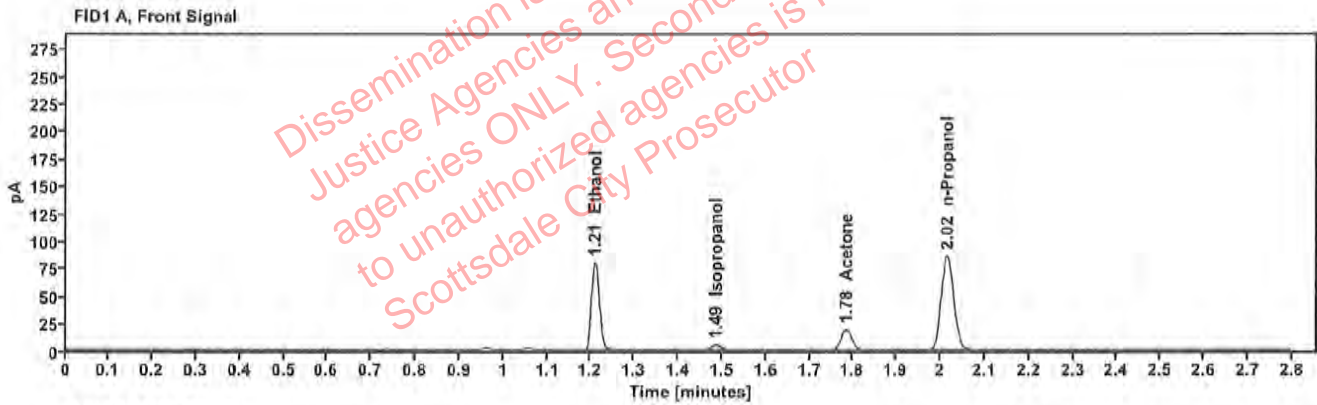


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1594	1.210	102.021
Isopropanol	-----	1.486	7.383
Acetone	-----	1.784	32.728
n-Propanol	-----	2.015	171.963

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

Compound	Time (min)	Peak Area
Ethanol	1.357	110.966
Acetone	1.521	35.855
Isopropanol	1.616	8.186
n-Propanol	2.435	186.224

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304231-2	Vial:	21
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 2:03:35 PM
Data file:	C:\Chem32\1\Data\07Mar23\21.D	Analyst:	Canonico

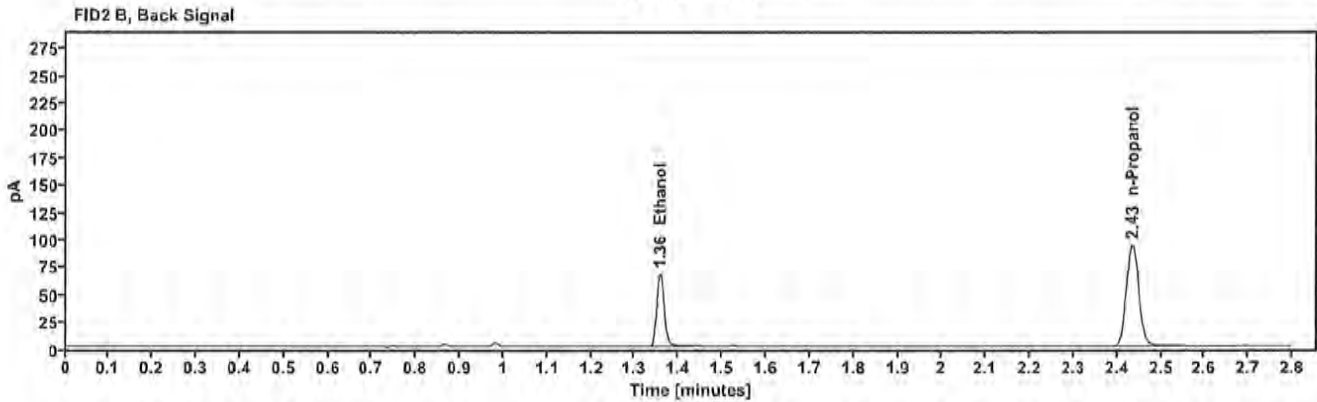
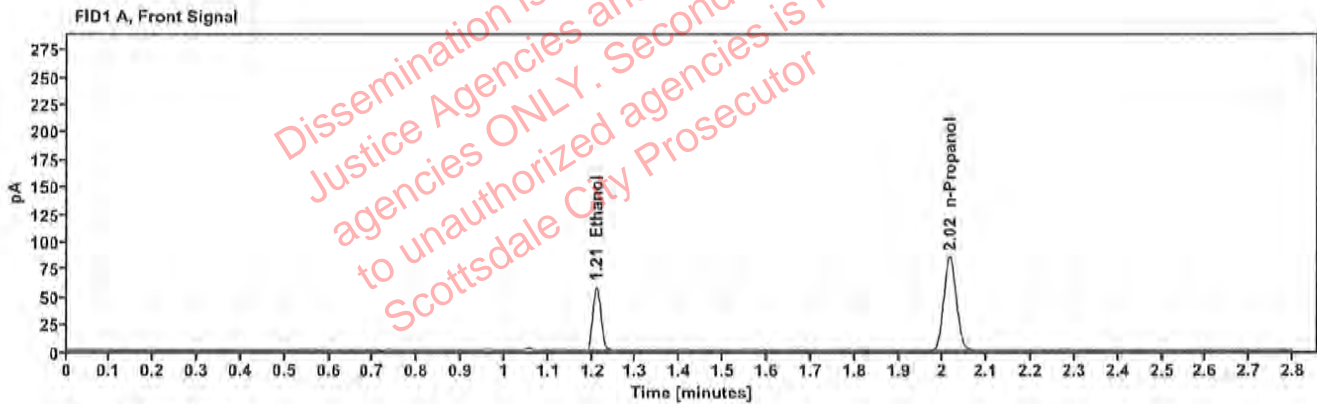


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1172	1.210	73.931
n-Propanol	—	2.015	169.977

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

Compound	Time (min)	Peak Area
Ethanol	1.357	80.438
n-Propanol	2.435	184.334

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304231-2	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 2:07:34 PM
Data file:	C:\Chem32\1\Data\07Mar23\22.D	Analyst:	Canonico

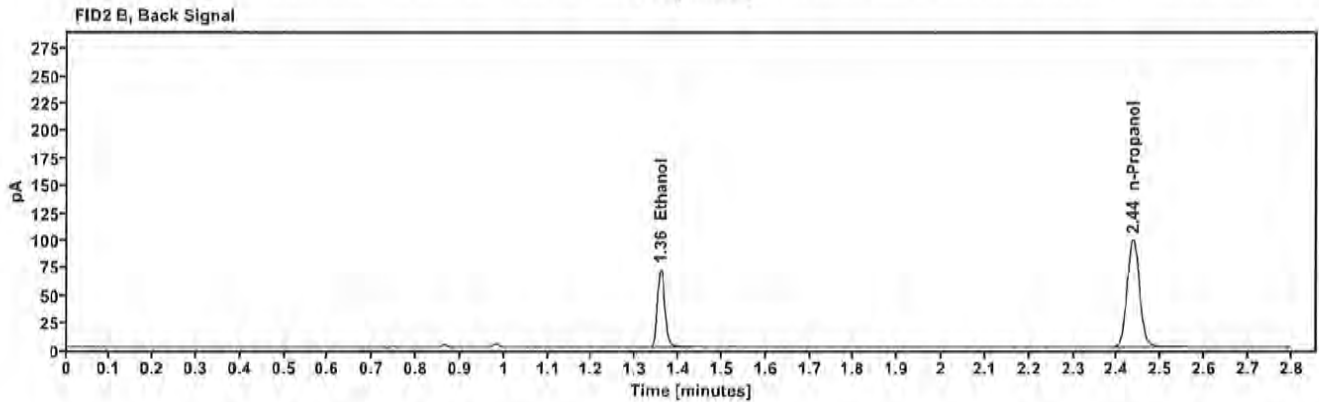
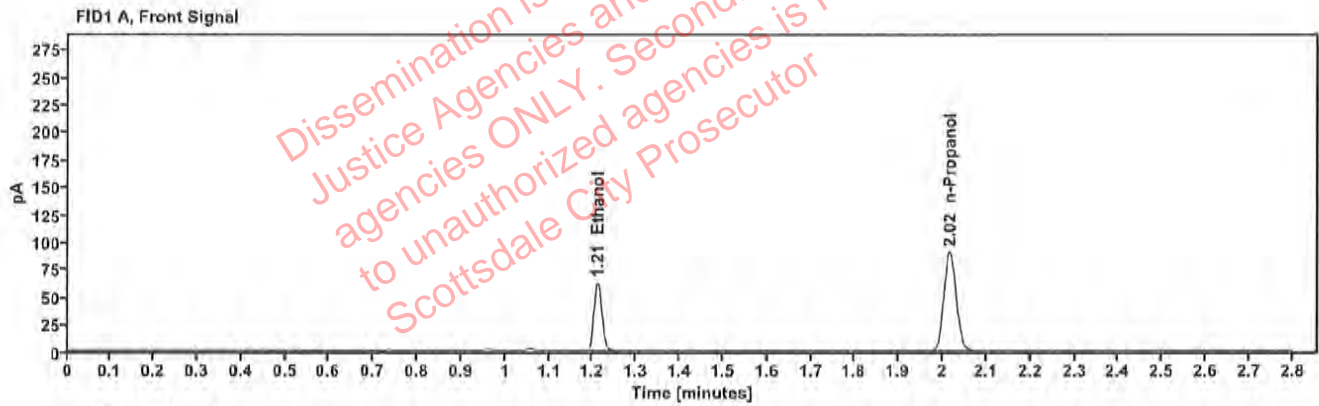


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1191	1.211	79.494
n-Propanol	---	2.016	179.834

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

Compound	Time (min)	Peak Area
Ethanol	1.358	86.507
n-Propanol	2.436	195.150

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	395-001A.M.	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 2:11:34 PM
Data file:	C:\Chem32\1\Data\07Mar23\23.D	Analyst:	Canonico

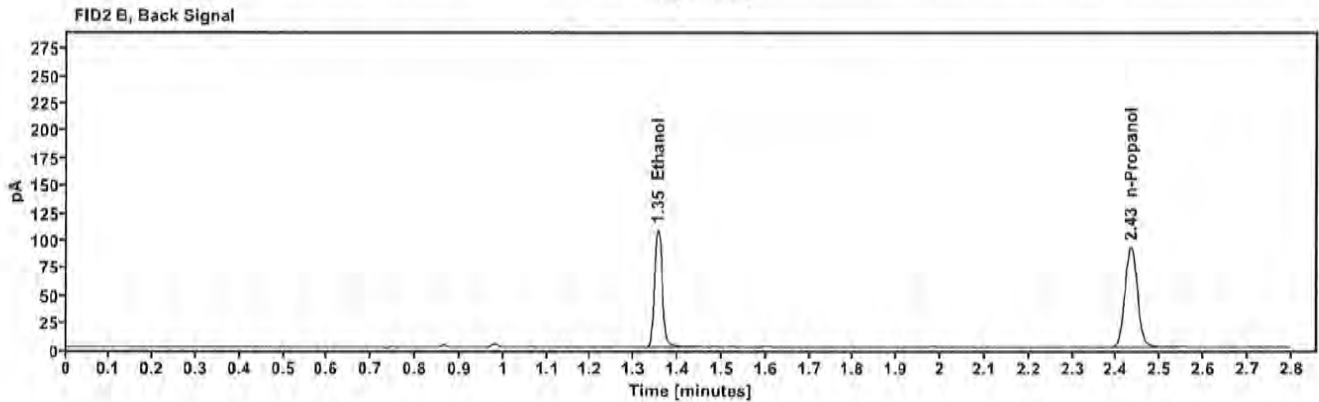
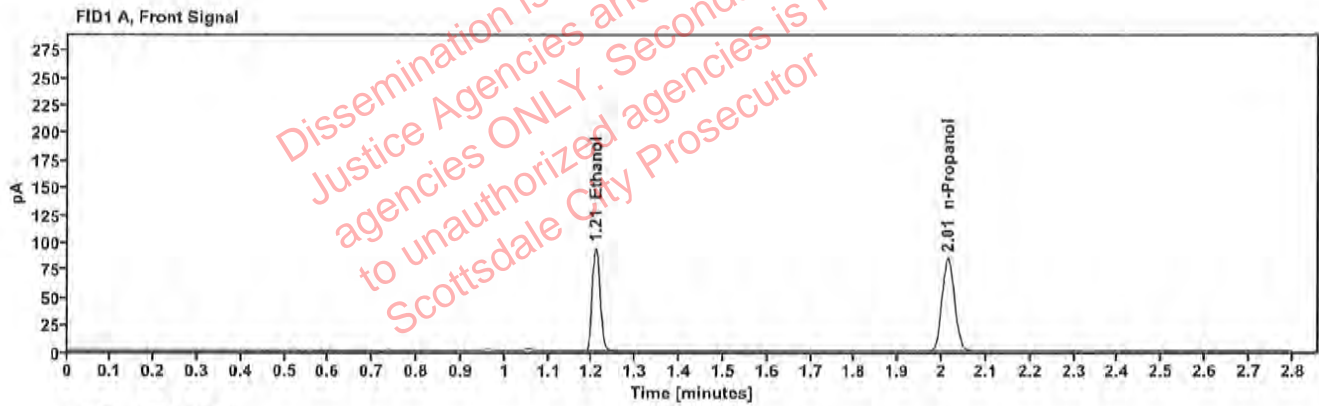


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1891	1.208	119.297
n-Propanol	---	2.014	169.242

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

Compound	Time (min)	Peak Area
Ethanol	1.354	130.291
n-Propanol	2.432	183.875

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	395-001A.M.	Vial:	24
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 2:15:35 PM
Data file:	C:\Chem32\1\Data\07Mar23\24.D	Analyst:	Canonico

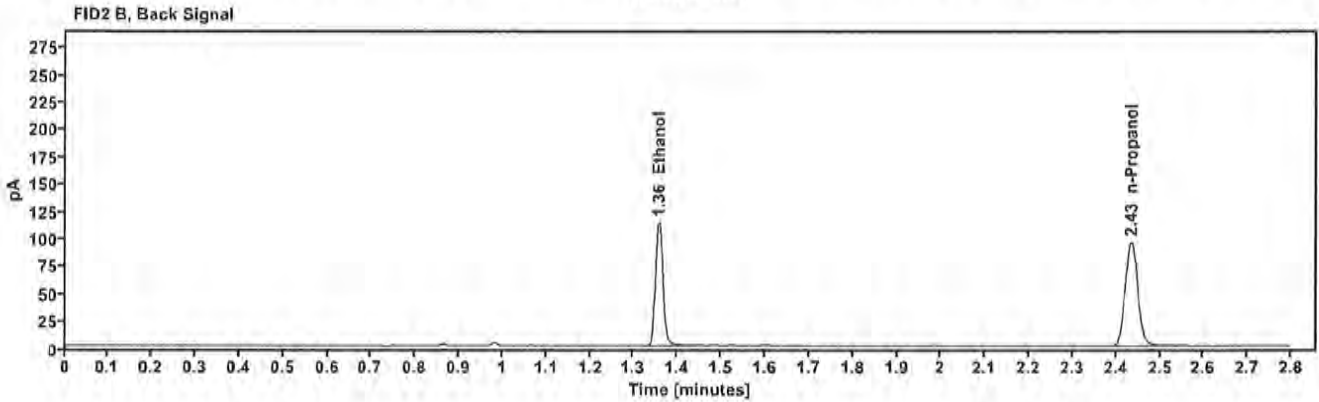
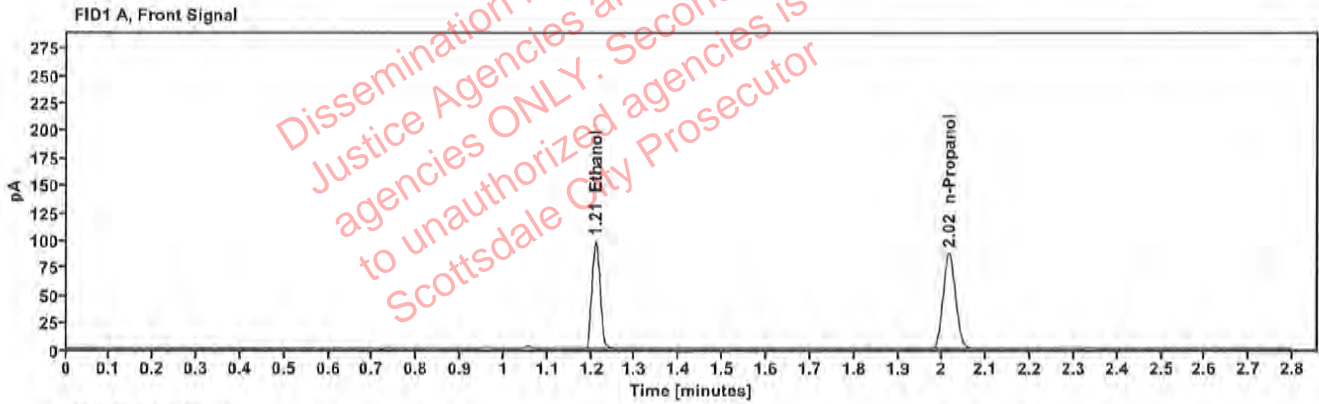


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1925	1.209	124.827
n-Propanol	---	2.015	173.914

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

Compound	Time (min)	Peak Area
Ethanol	1.357	136.362
n-Propanol	2.435	188.786

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	408-01E.M.	Vial:	25
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 2:19:49 PM
Data file:	C:\Chem32\1\Data\07Mar23\25.D	Analyst:	Canonico

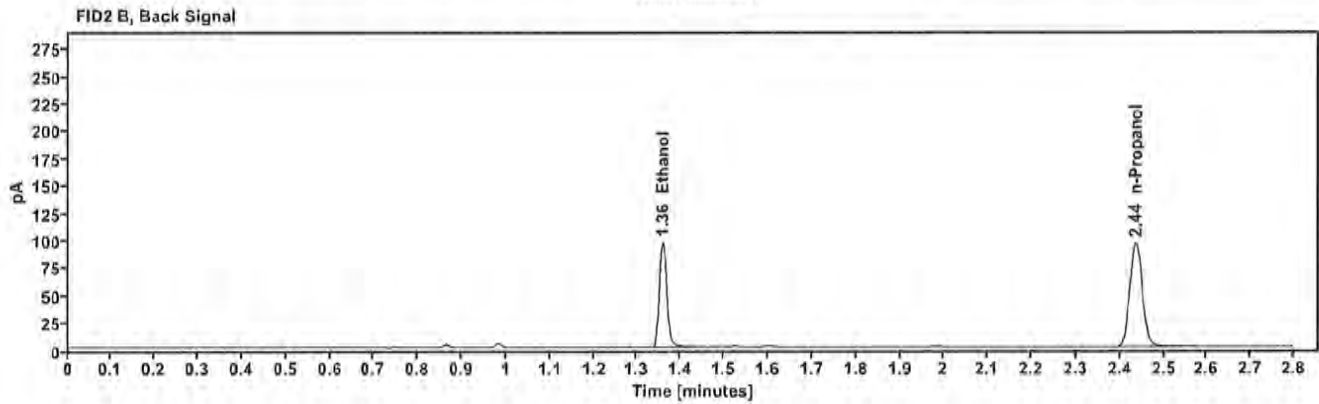
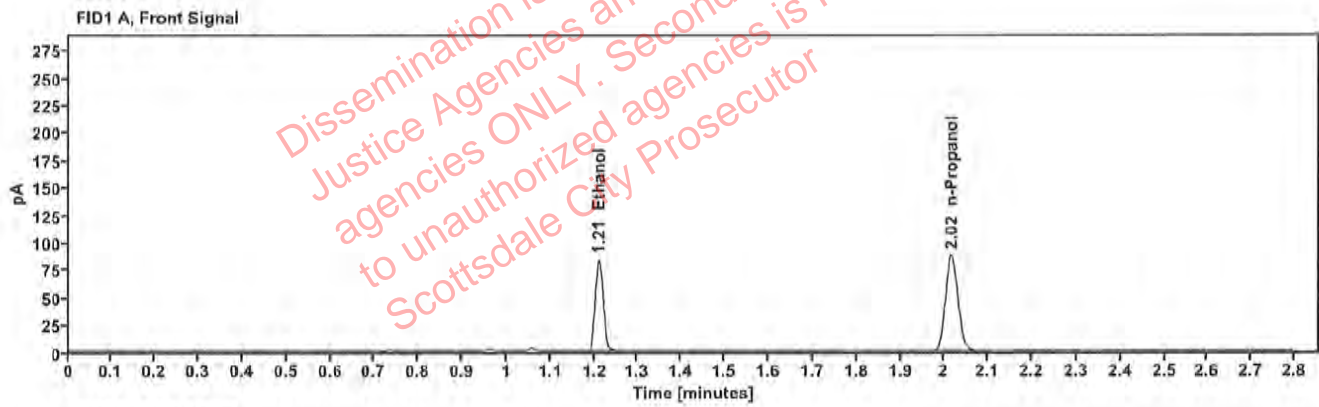


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1660	1.211	107.380
n-Propanol	-----	2.016	173.670

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

Compound	Time (min)	Peak Area
Ethanol	1.358	116.986
n-Propanol	2.436	188.605

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	408-01E.M.	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 2:23:50 PM
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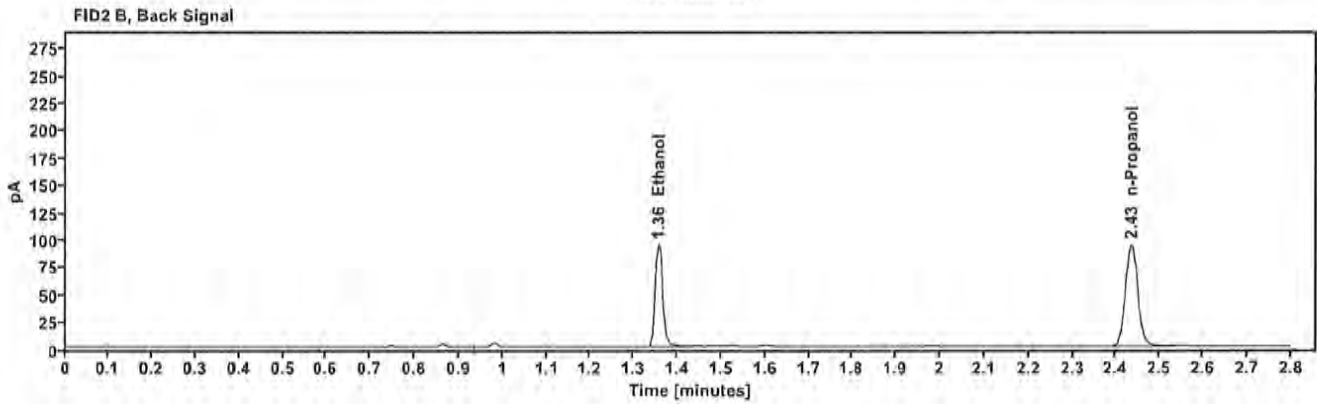
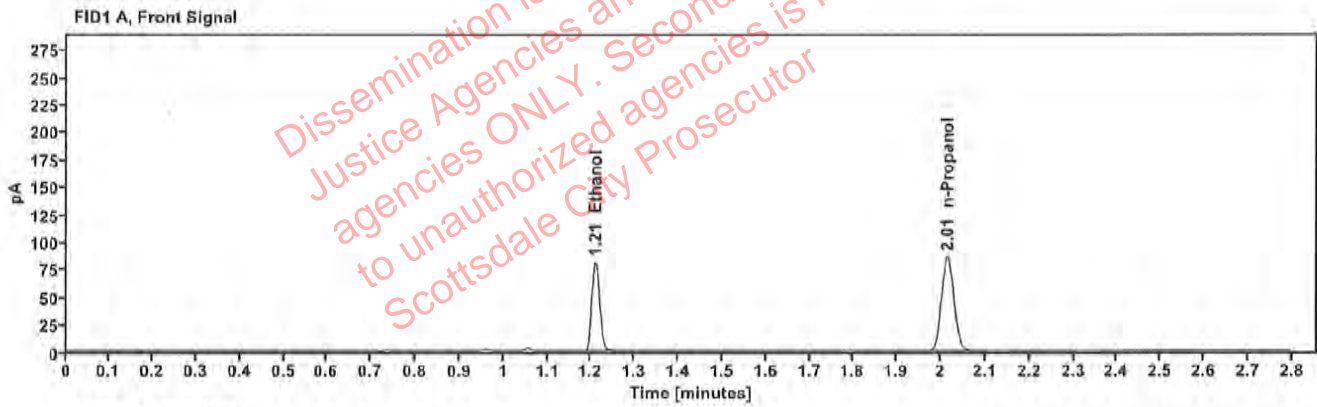


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1631	1.209	103.273
n-Propanol	-----	2.015	170.075

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

Compound	Time (min)	Peak Area
Ethanol	1.356	112.706
n-Propanol	2.434	184.710

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01K.B.	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 2:27:49 PM
Data file:	C:\Chem32\1\Data\07Mar23\27.D	Analyst:	Canonico

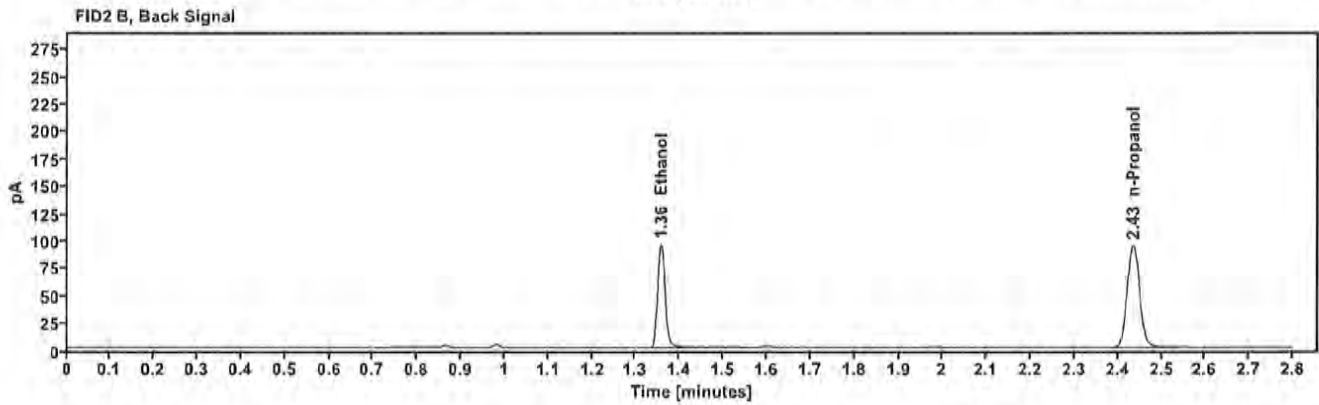
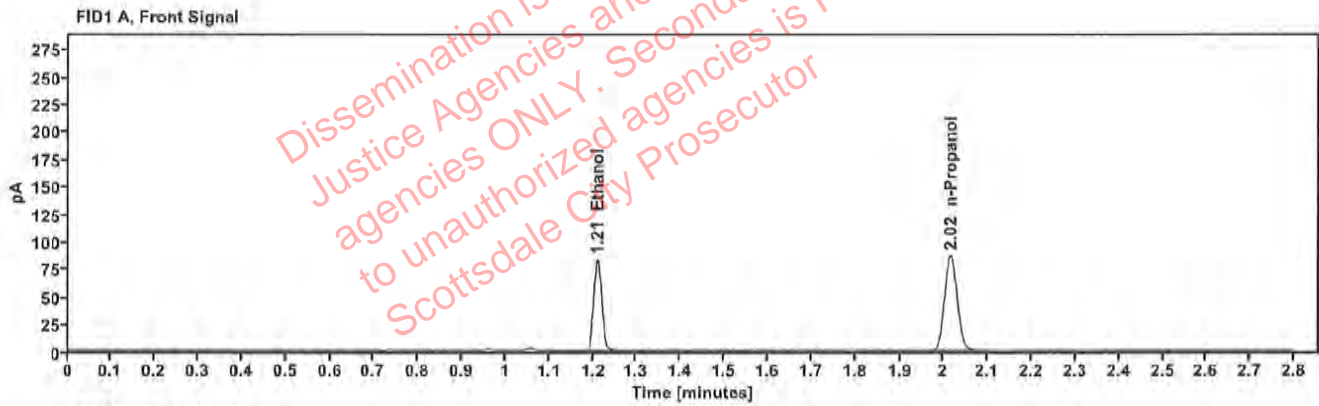


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1647	1.210	105.377
n-Propanol	-----	2.015	171.871

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

Compound	Time (min)	Peak Area
Ethanol	1.357	115.200
n-Propanol	2.435	186.767

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01K.B.	Vial:	28
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 2:31:49 PM
Data file:	C:\Chem32\1\Data\07Mar23\28.D	Analyst:	Canonico

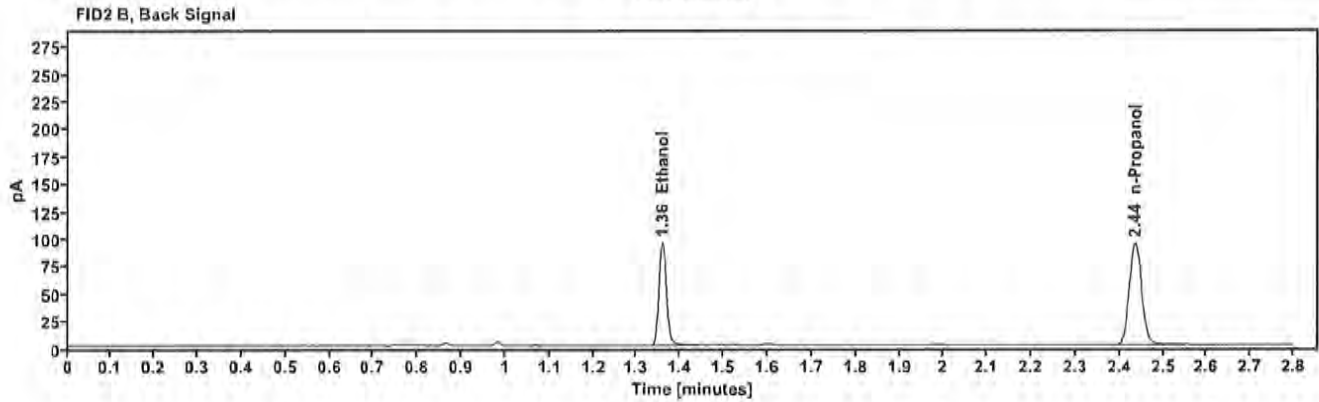
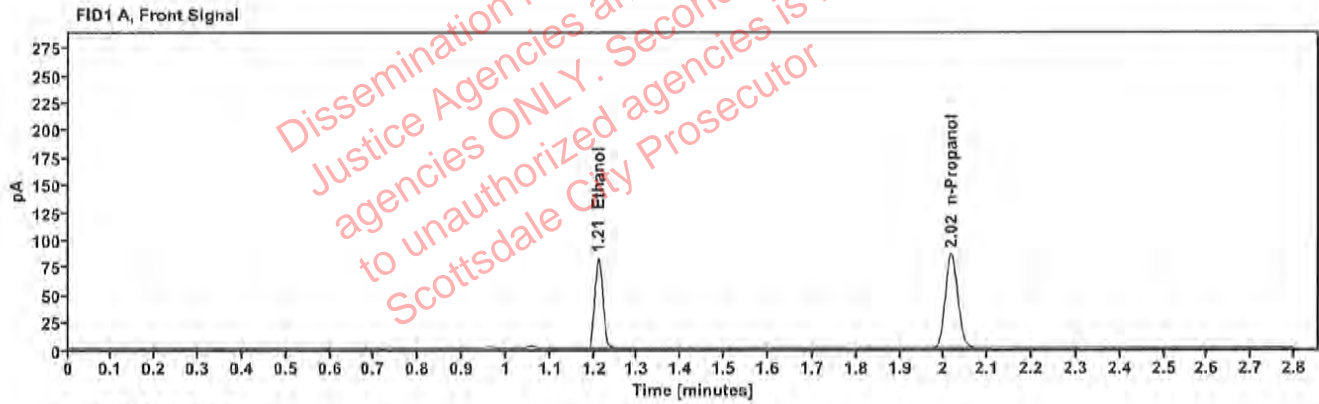


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1655	1.211	105.125
n-Propanol	---	2.016	170.592

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

Compound	Time (min)	Peak Area
Ethanol	1.358	114.928
n-Propanol	2.436	185.542

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	402-01J.A.	Vial:	29
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 2:35:50 PM
Data file:	C:\Chem32\1\Data\07Mar23\29.D	Analyst:	Canonico

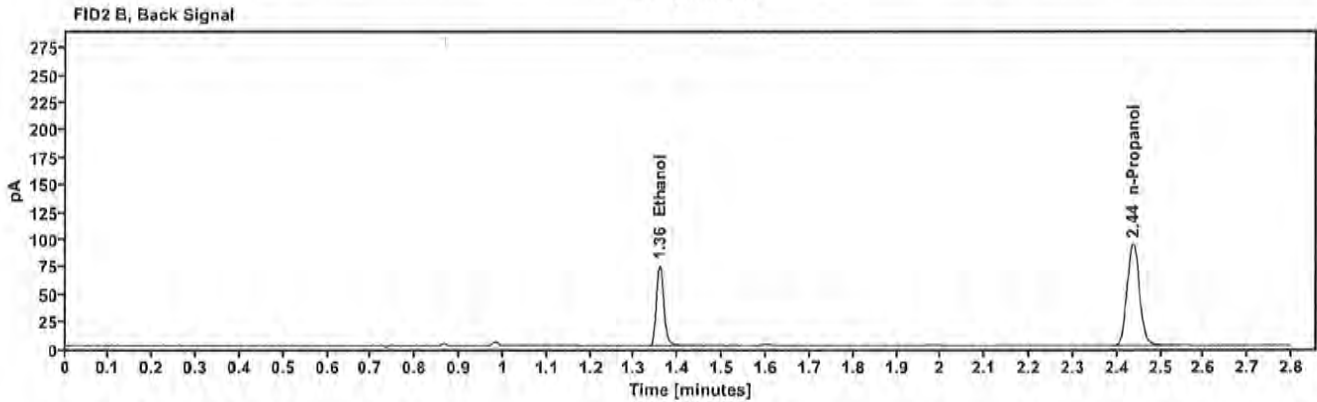
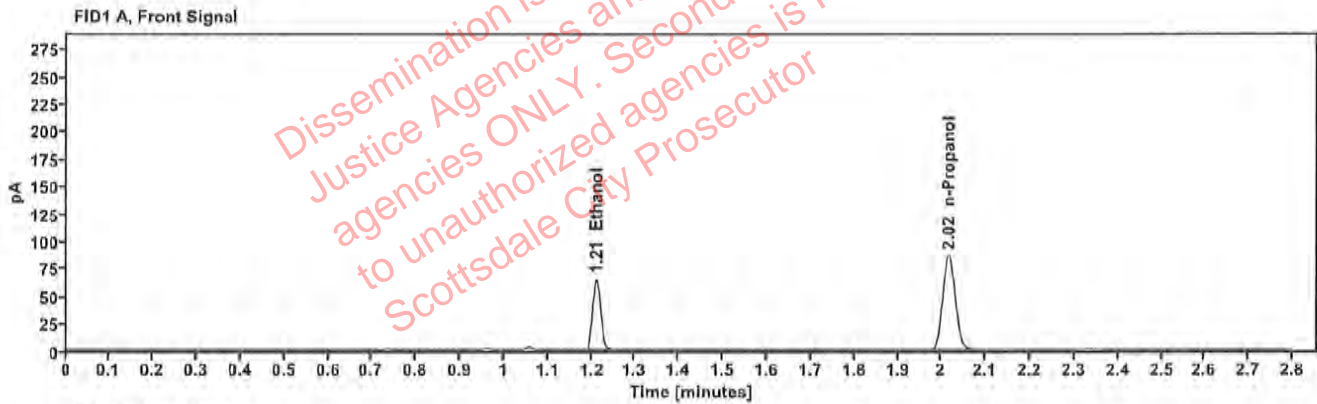


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1300	1.211	82.572
n-Propanol	---	2.016	170.958

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

Compound	Time (min)	Peak Area
Ethanol	1.358	90.101
n-Propanol	2.436	185.973

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	402-01J.A.	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 2:39:50 PM
Data file:	C:\Chem32\1\Data\07Mar23\30.D	Analyst:	Canonico

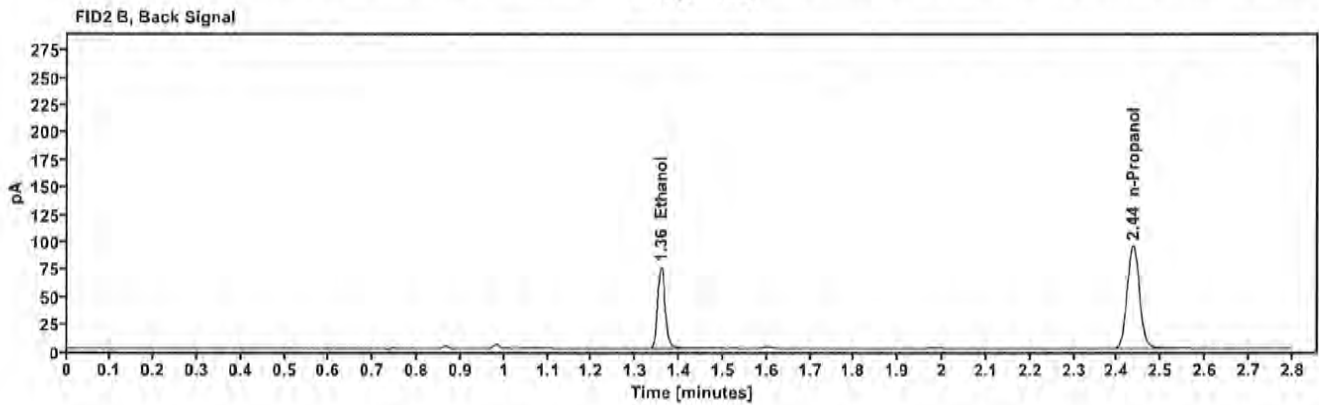
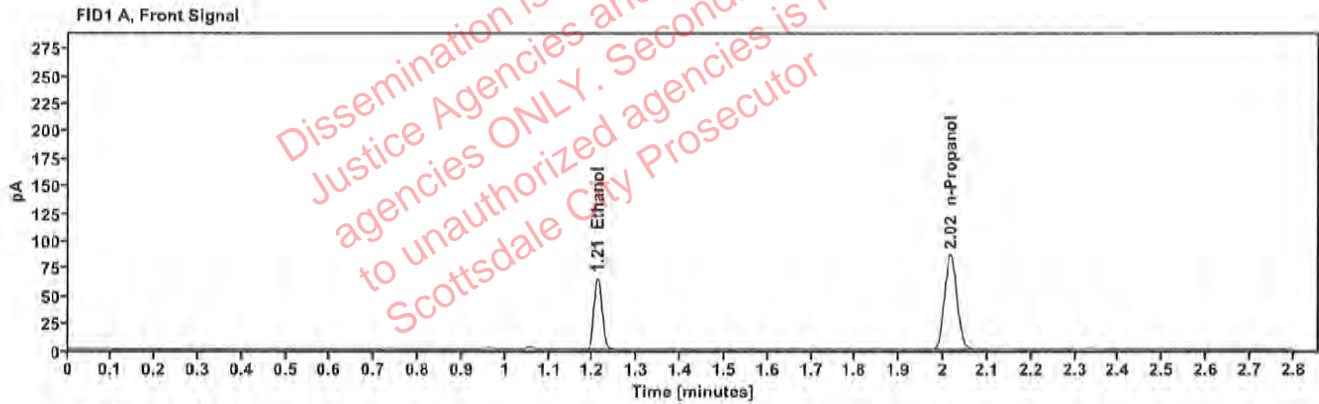


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1295	1.210	82.864
n-Propanol	-----	2.016	172.281

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

Compound	Time (min)	Peak Area
Ethanol	1.358	90.363
n-Propanol	2.436	186.526

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01V.G.	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 2:48:05 PM
Data file:	C:\Chem32\1\Data\07Mar23\32.D	Analyst:	Canonico

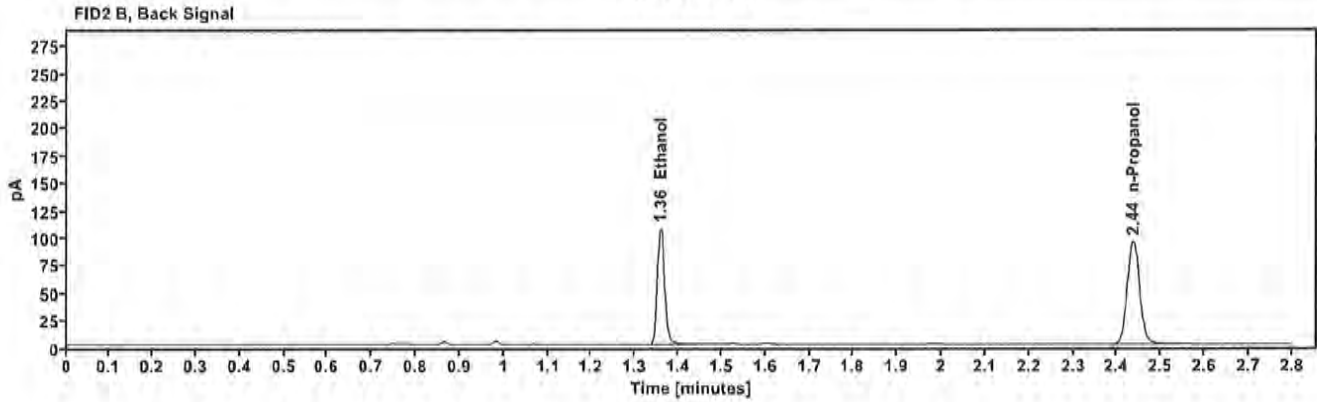
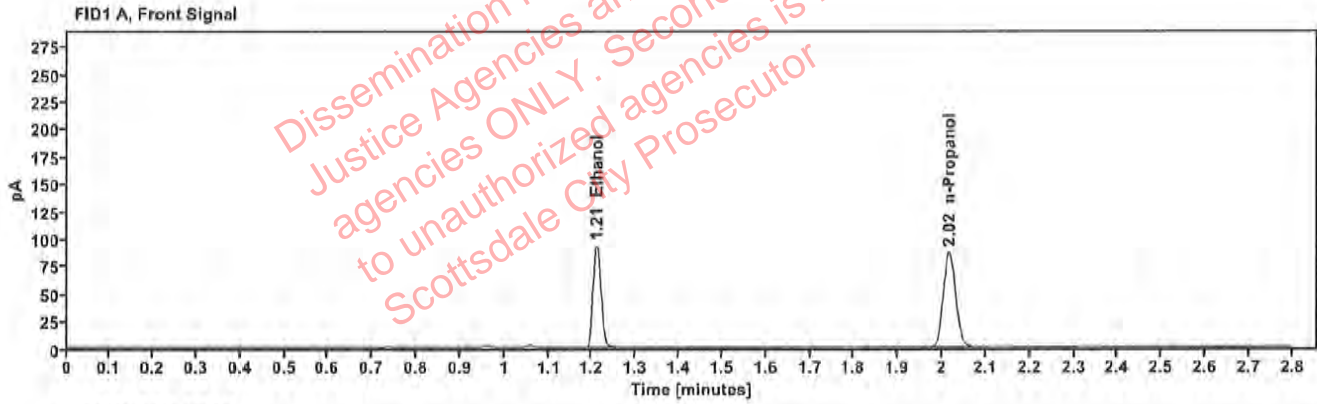


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1846	1.211	118.449
n-Propanol	---	2.016	172.125

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

Compound	Time (min)	Peak Area
Ethanol	1.358	129.426
n-Propanol	2.436	186.914

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01V.G.	Vial:	33
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 2:52:05 PM
Data file:	C:\Chem32\1\Data\07Mar23\33.D	Analyst:	Canonico

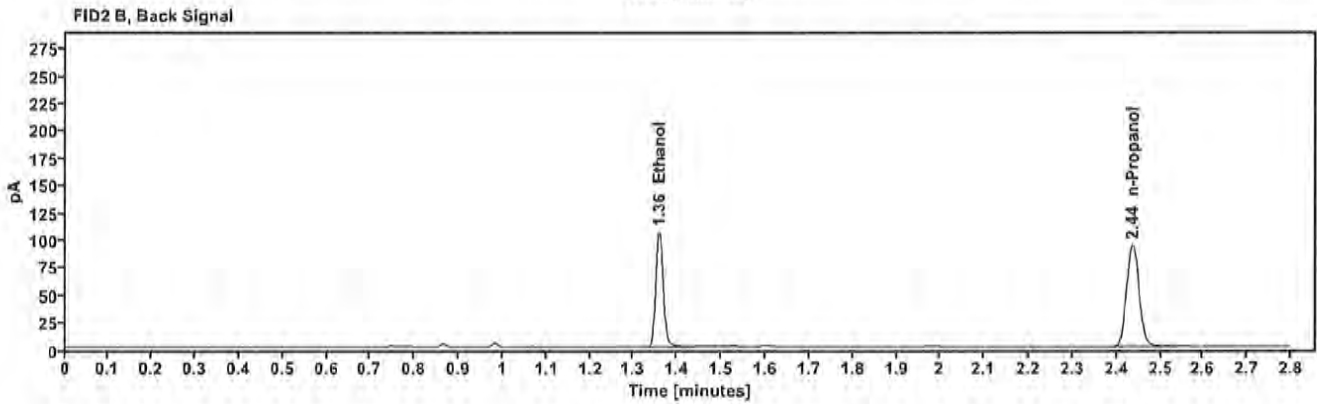
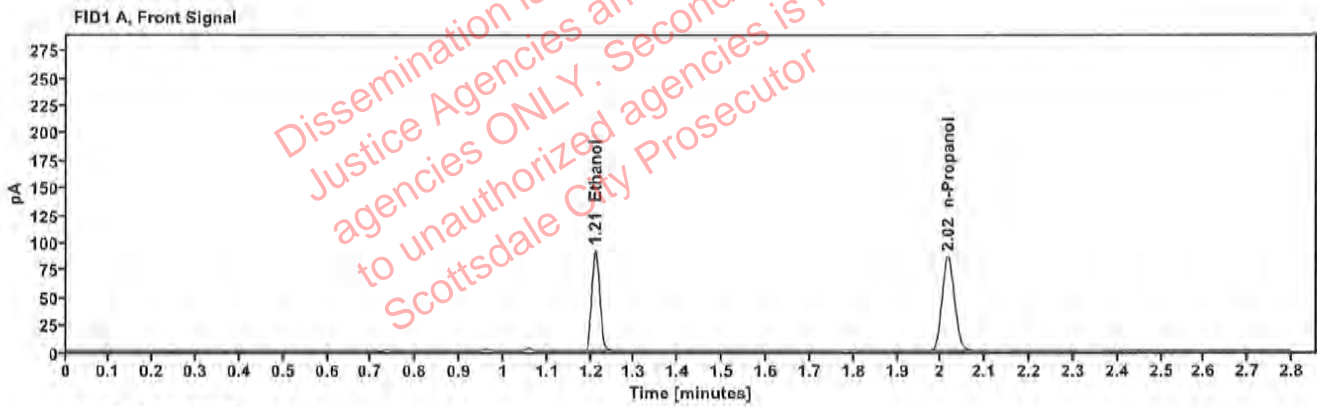


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1840	1.210	116.910
n-Propanol	-----	2.016	170.480

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

Compound	Time (min)	Peak Area
Ethanol	1.358	127.768
n-Propanol	2.436	185.059

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	326-01K.W.	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 2:56:04 PM
Data file:	C:\Chem32\1\Data\07Mar23\34.D	Analyst:	Canonico

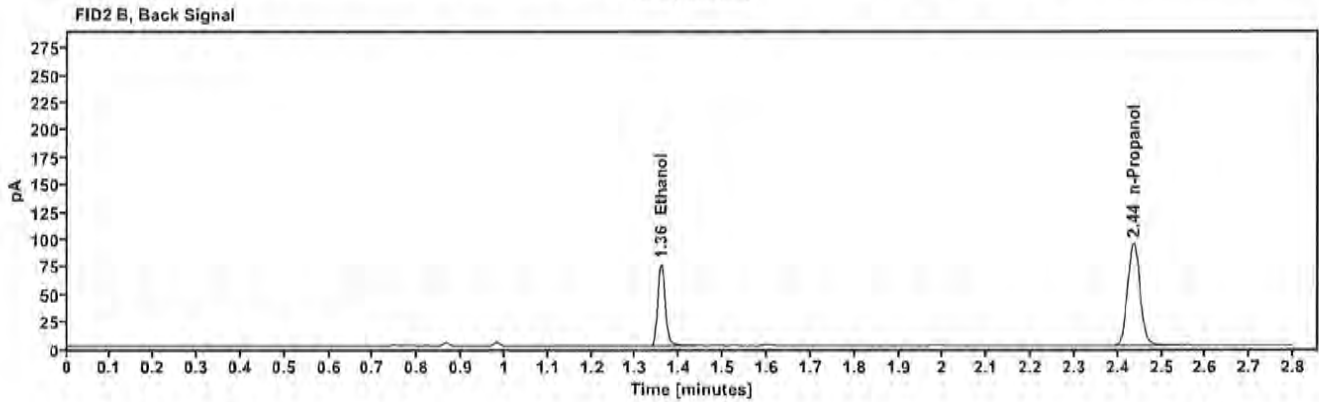
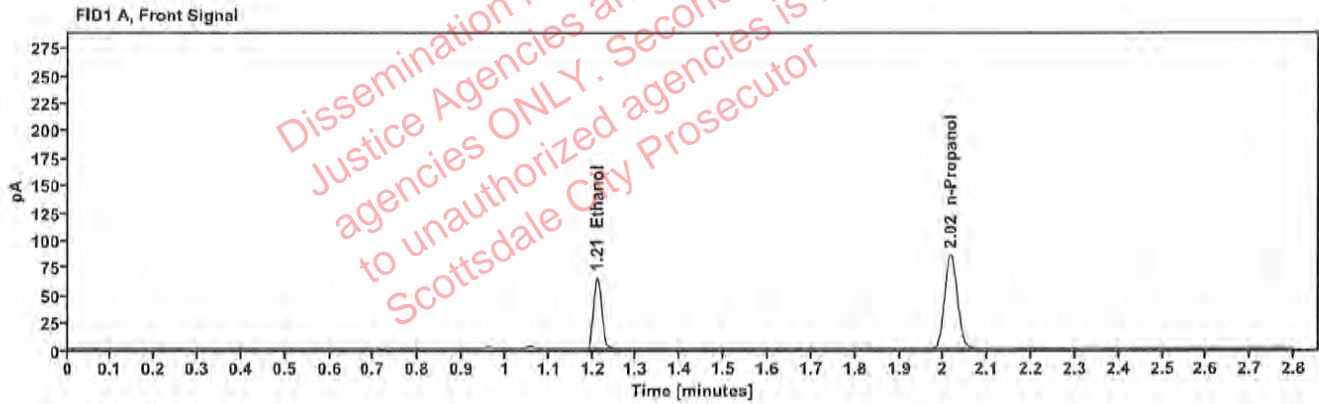


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1315	1.211	83.710
n-Propanol	-----	2.016	171.281

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

Compound	Time (min)	Peak Area
Ethanol	1.358	91.421
n-Propanol	2.436	185.817

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	326-01K.W.	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 3:00:05 PM
Data file:	C:\Chem32\1\Data\07Mar23\35.D	Analyst:	Canonico

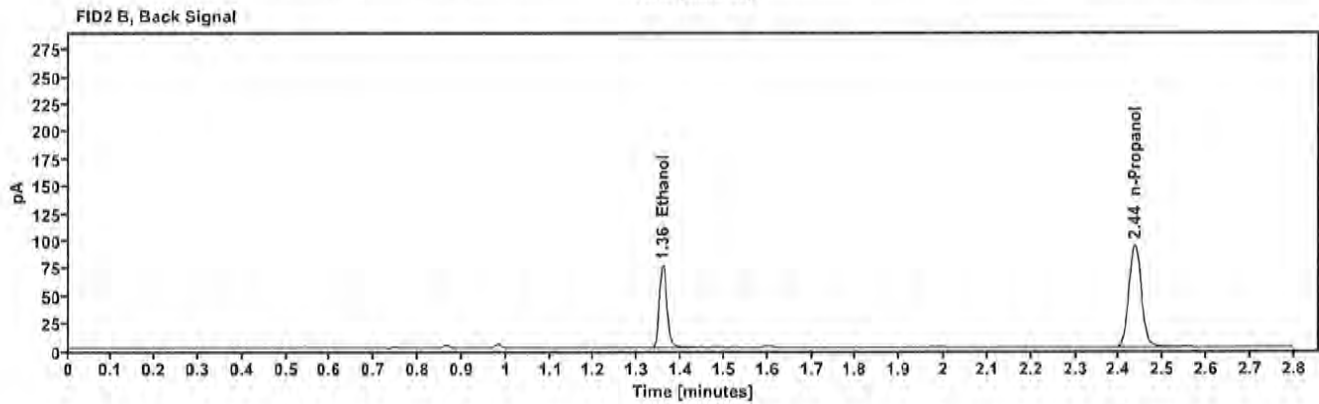
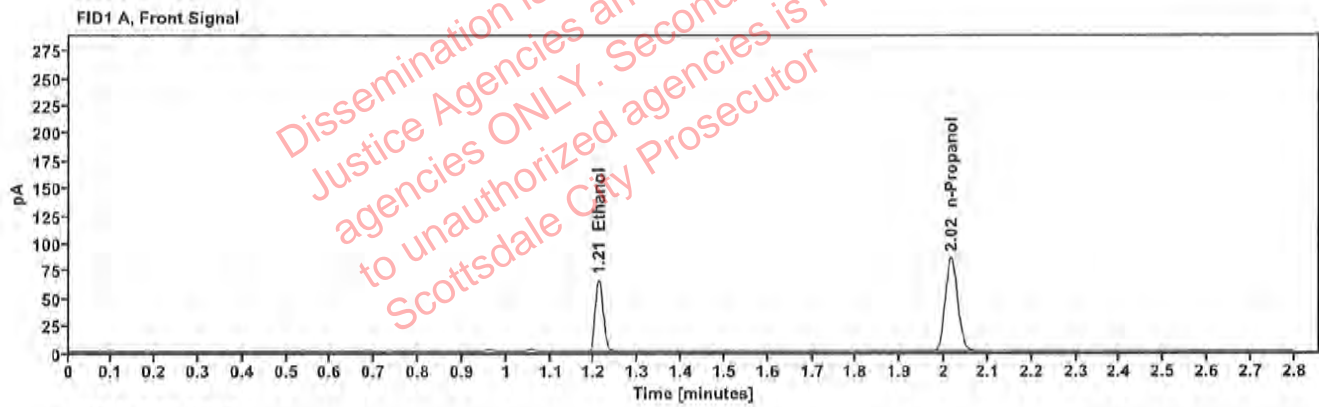


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1314	1.211	83.746
n-Propanol	-----	2.016	171.464

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

Compound	Time (min)	Peak Area
Ethanol	1.358	91.382
n-Propanol	2.436	185.470

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01C.C.	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 3:04:05 PM
Data file:	C:\Chem32\1\Data\07Mar23\36.D	Analyst:	Canonico

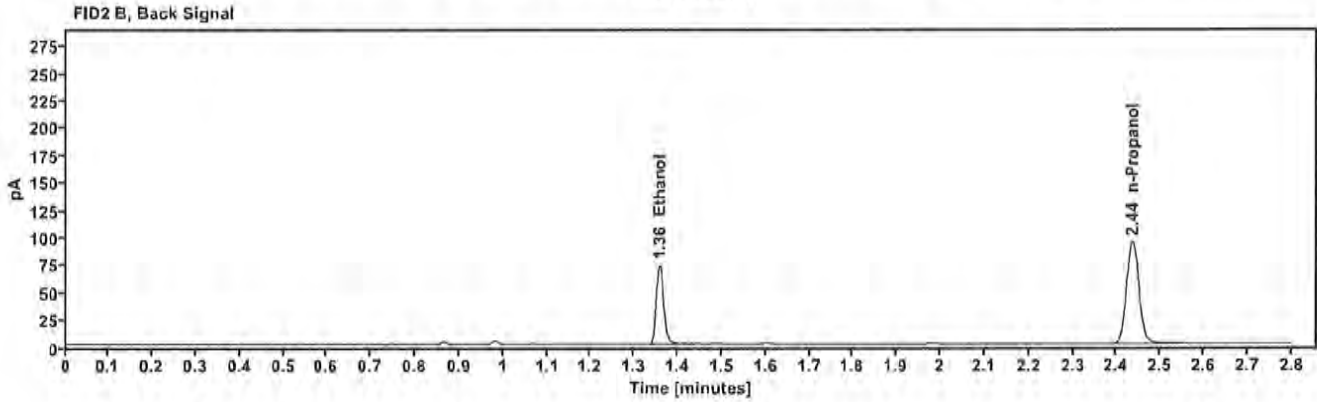
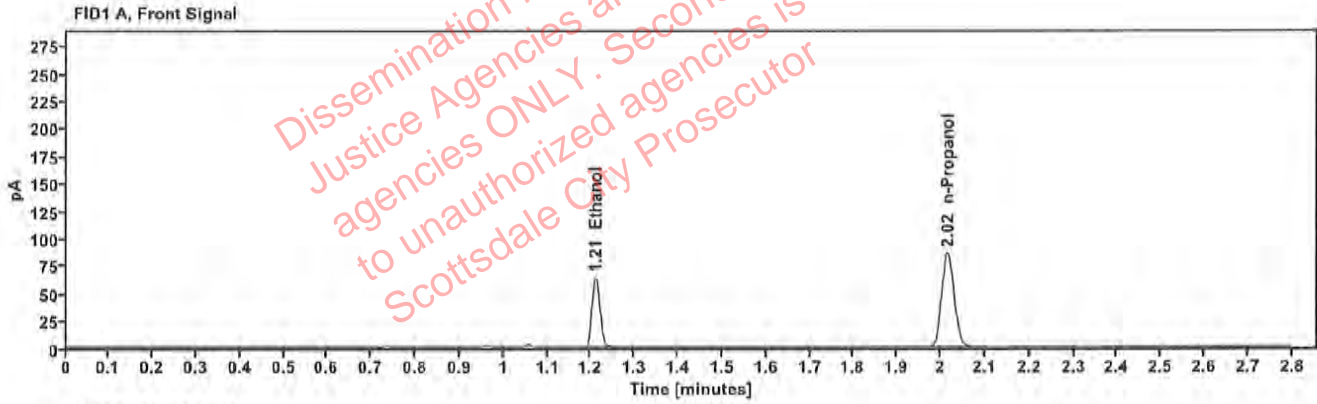


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1273	1.211	80.696
n-Propanol	—	2.016	170.647

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

Compound	Time (min)	Peak Area
Ethanol	1.358	88.194
n-Propanol	2.436	185.549

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	327-01C.C.	Vial:	37
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 3:08:19 PM
Data file:	C:\Chem32\1\Data\07Mar23\37.D	Analyst:	Canonico

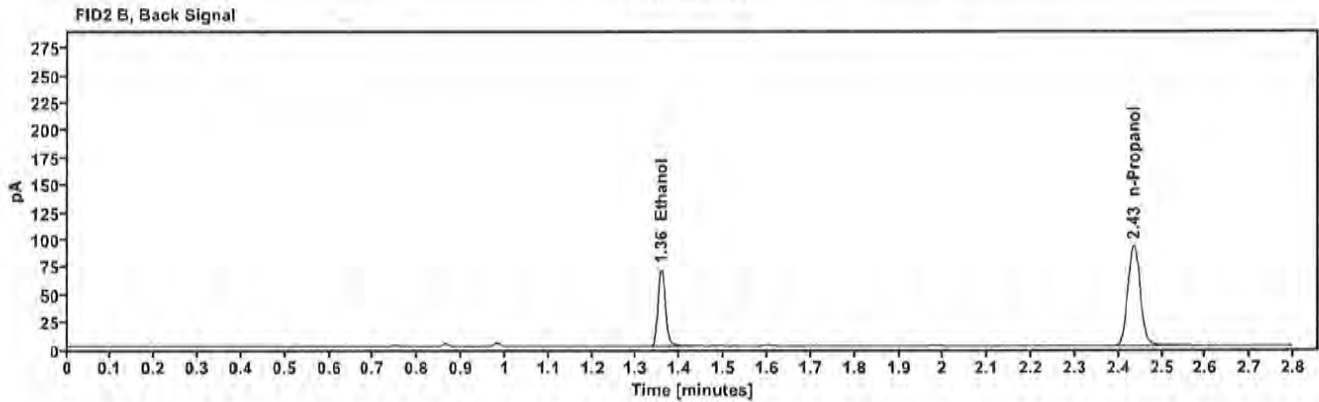
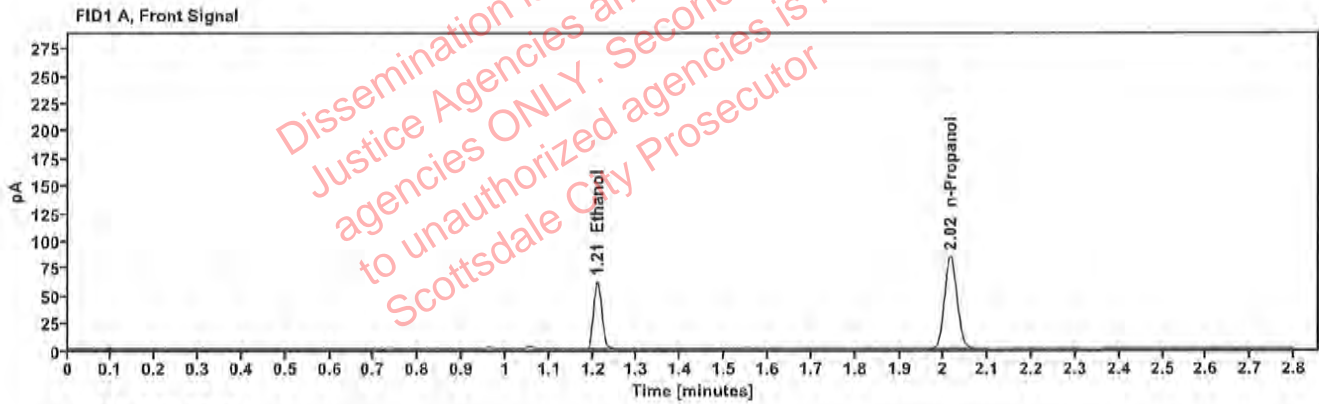


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1261	1.210	78.628
n-Propanol	---	2.015	167,910

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

Compound	Time (min)	Peak Area
Ethanol	1.357	85.590
n-Propanol	2.435	182.510

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304557-1	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 3:12:20 PM
Data file:	C:\Chem32\1\Data\07Mar23\38.D	Analyst:	Canonico

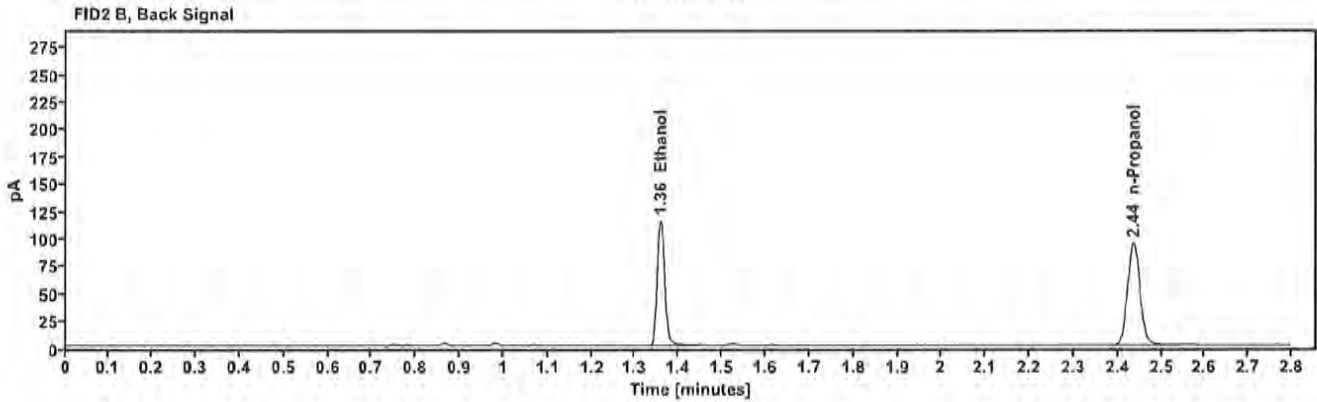
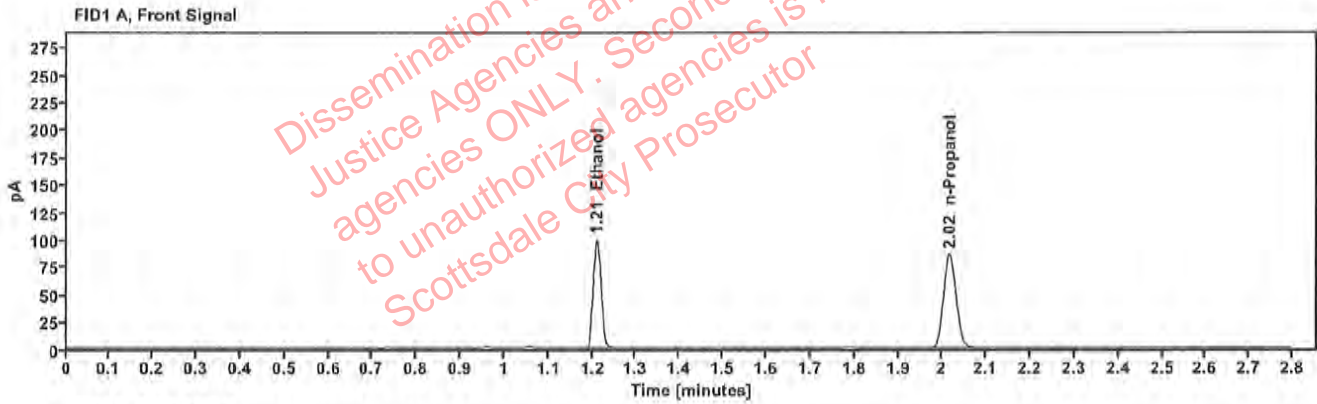


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1992	1.210	126.927
n-Propanol	—	2.016	170.869

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

Compound	Time (min)	Peak Area
Ethanol	1.358	138.616
n-Propanol	2.436	186.160

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304557-1	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 3:16:19 PM
Data file:	C:\Chem32\1\Data\07Mar23\39.D	Analyst:	Canonico

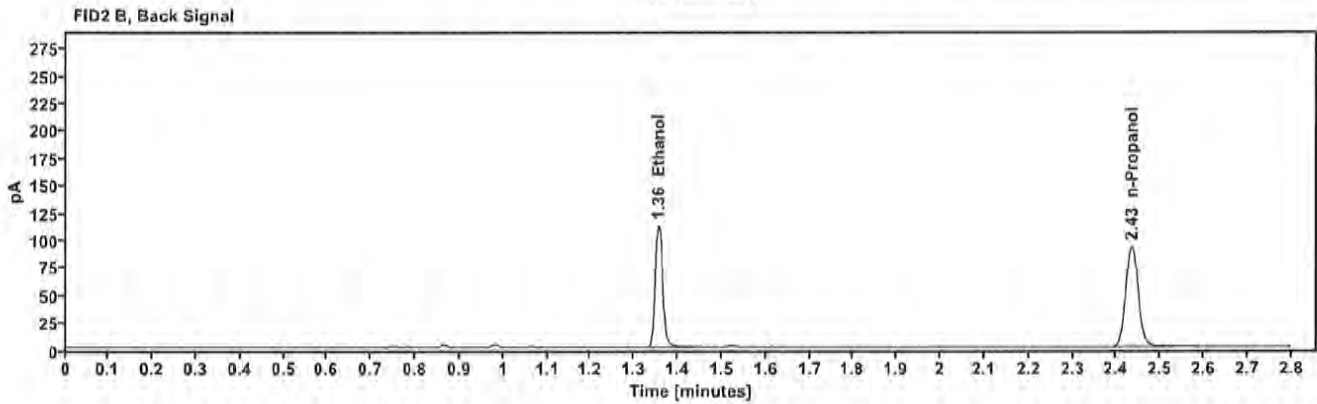
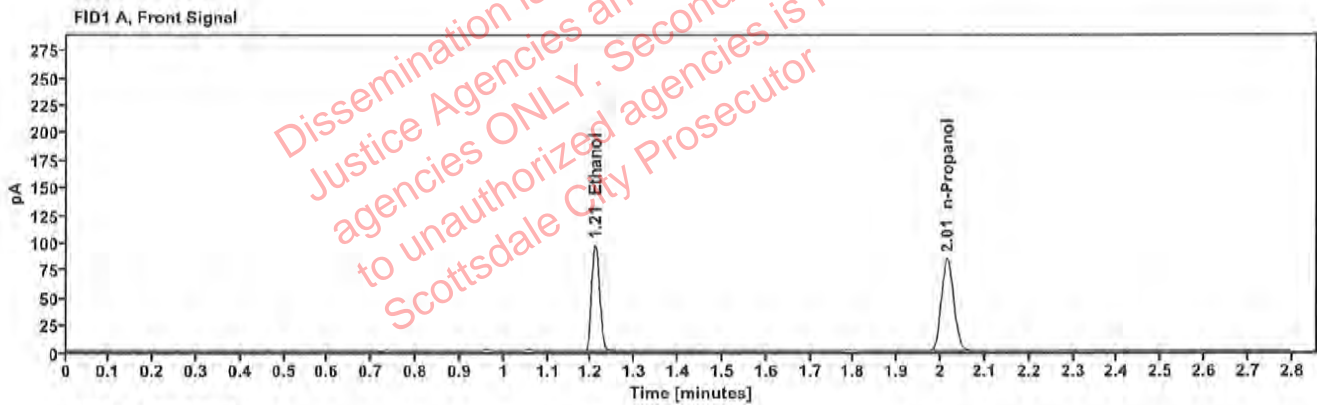


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1964	1.209	123.387
n-Propanol	-----	2.015	168.467

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

Compound	Time (min)	Peak Area
Ethanol	1.356	134.914
n-Propanol	2.434	183.436

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304586-2	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 3:20:19 PM
Data file:	C:\Chem32\1\Data\07Mar23\40.D	Analyst:	Canonico

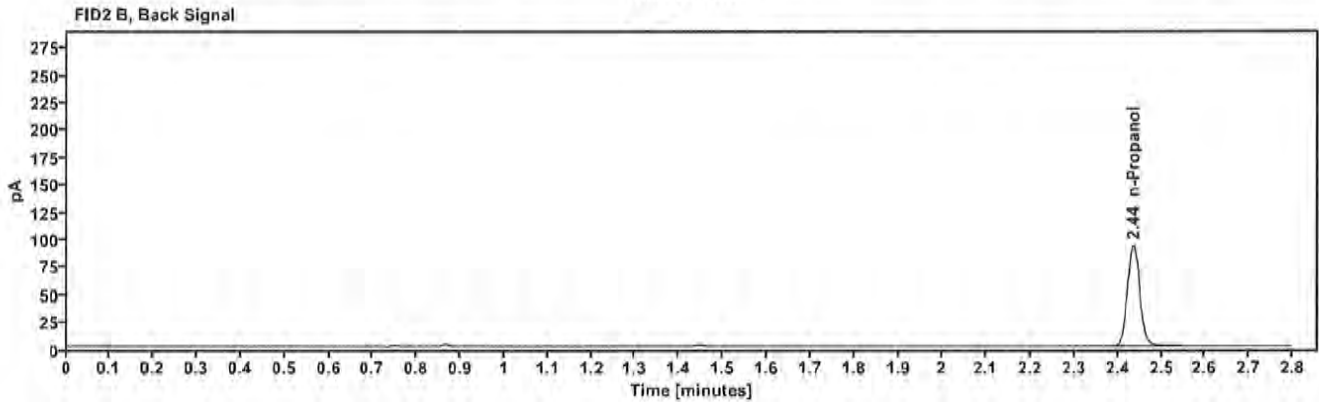
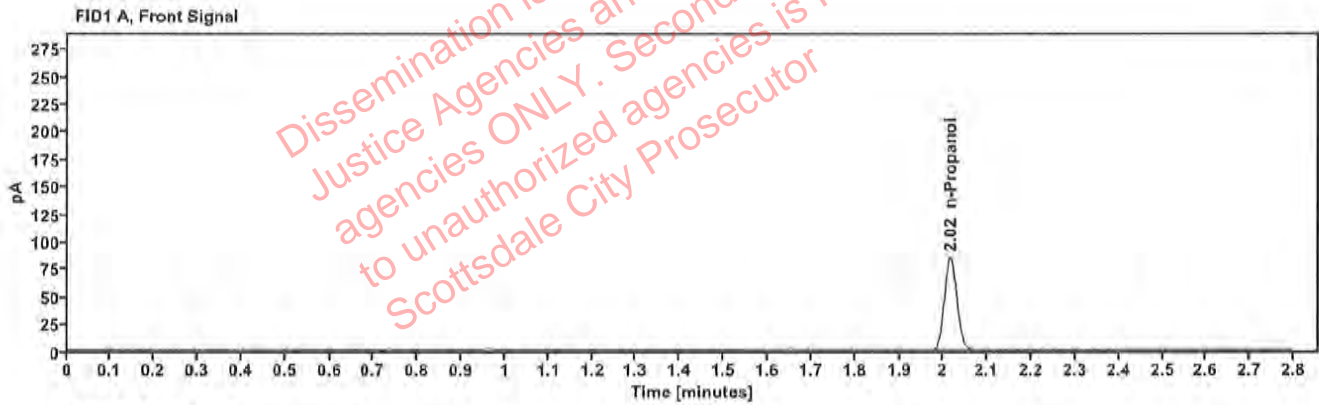


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	---	2.016	168.602

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

Compound	Time (min)	Peak Area
n-Propanol	2.435	182.853

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304586-2	Vial:	41
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	07Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/7/2023 3:24:20 PM
Data file:	C:\Chem32\1\Data\07Mar23\41.D	Analyst:	Canonico

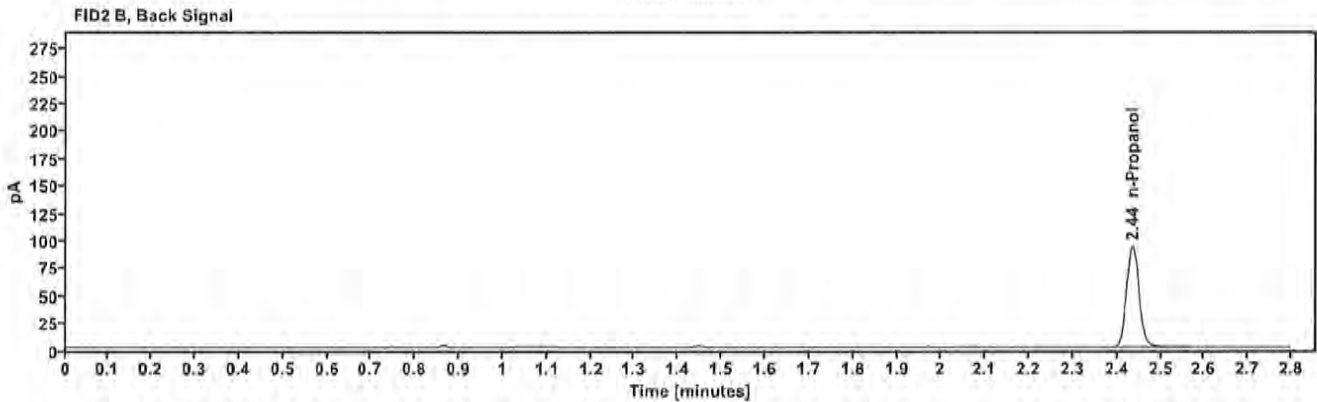
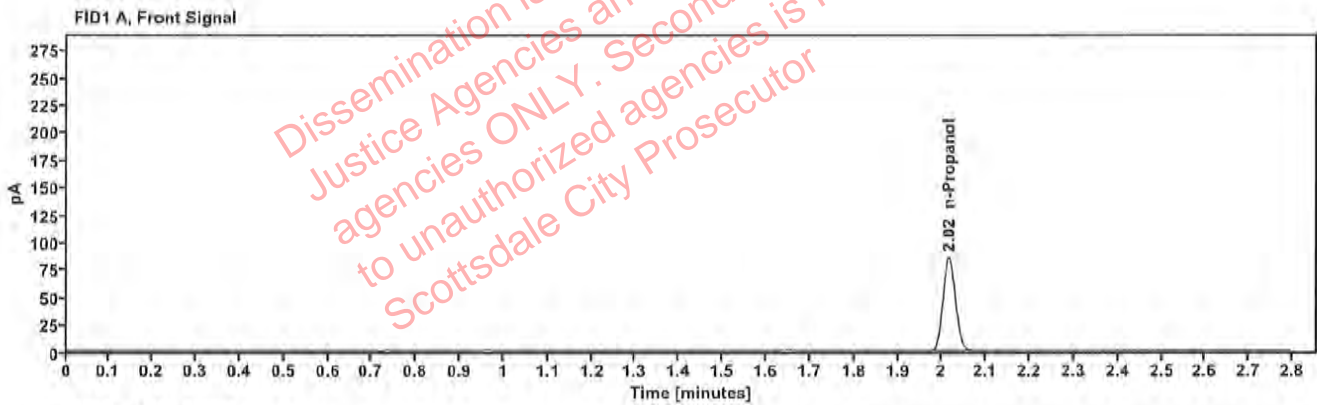


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	169,064

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

Compound	Time (min)	Peak Area
n-Propanol	2.435	183.822