

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 02/15/2022 SEQUENCE NAME 15Feb22

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 1.00000
 Vial 3 0.20 calibrator Lot FN05101903
 Vial 4 0.40 calibrator Lot FN10051906

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 010722AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/2
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
40	Aqueous control	0.400 g/dL	0.402 g/dL	Lipomed 11092018-A
41	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
42	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/2
43	Blank	Not detected	Not detected	SPD lab 101921WB

SUBJECT SAMPLES

Subjects in the sequence 14 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

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

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

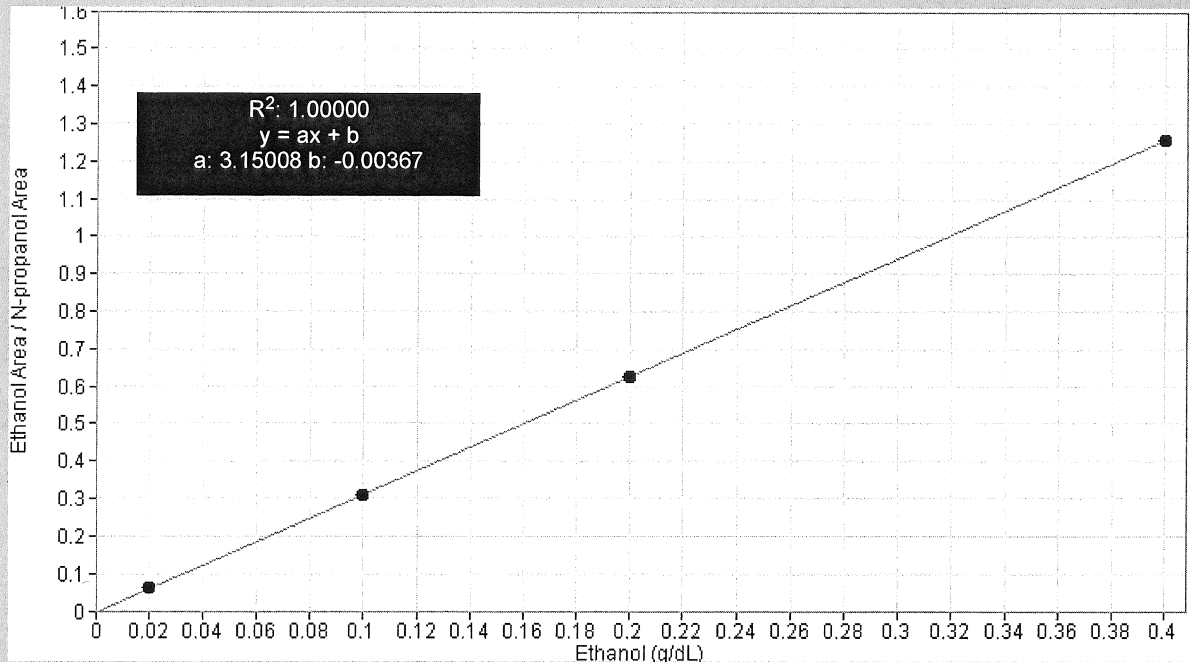
SEQUENCE NAME: 15Feb22

ANALYST: Abbott *AB*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 010722AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.401	0.400	0.25	0.001
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.199 4110320133/2	9	0.202	0.199	1.51	0.003
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 11092018-A	40	0.402	0.400	0.50	0.002
0.040 14082019-B	41	0.041	0.040	2.50	0.001
0.199 4110320133/2	42	0.203	0.199	2.01	0.004
blank 101921WB	43	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.513	190.206	0.061
0.100	58.672	189.263	0.310
0.200	120.350	192.232	0.626
0.400	243.162	193.481	1.257

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06141806	Vial:	1
Description:	0.020 calibrator	Sequence:	15Feb22
Method:	ethanol quant.M	Injection date:	2/15/2022 11:52:25 AM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>oh</i>
Data file:	C:\Chem32\1\Data\15Feb22\1.D		

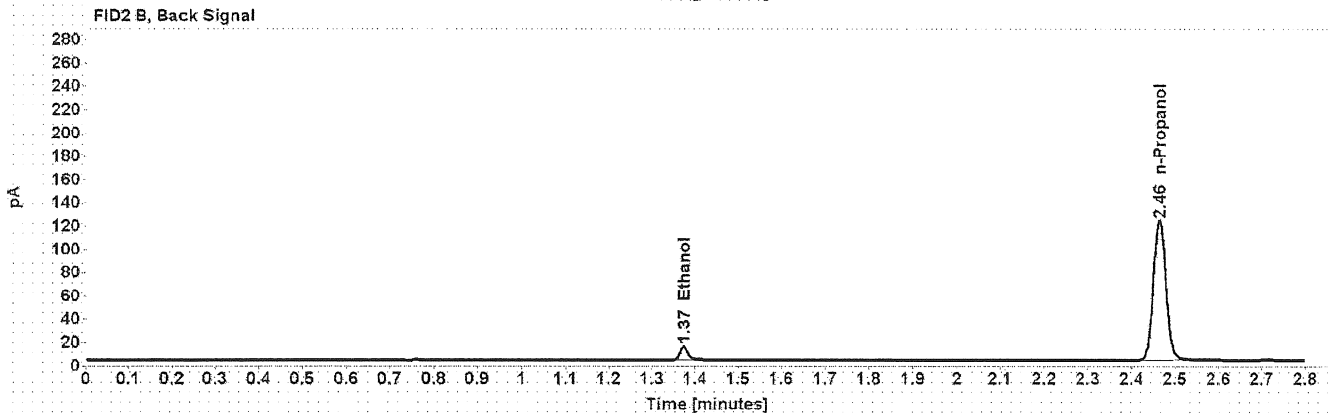
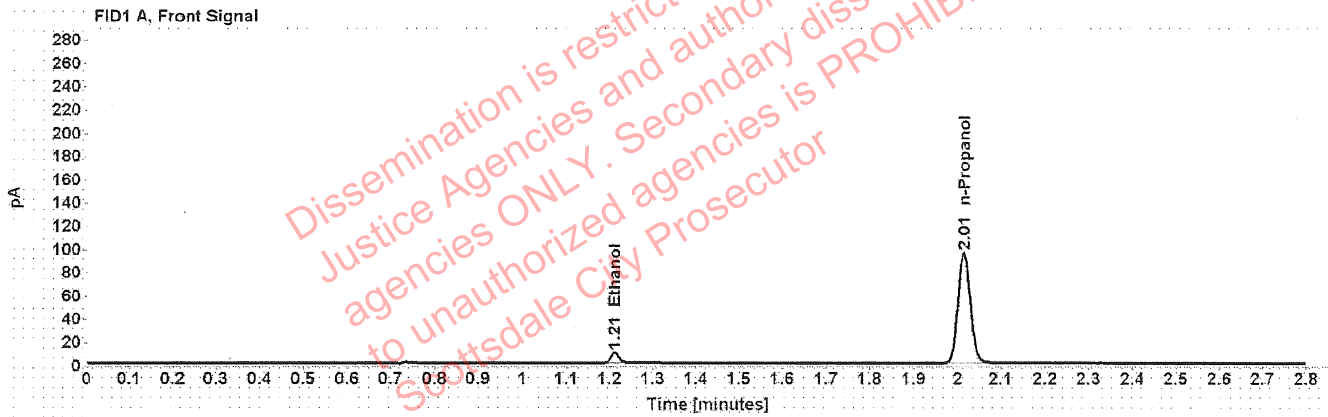


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	11.513
n-Propanol	2.015	190.206

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

Compound	Time (min)	Peak Area
Ethanol	1.374	14.566
n-Propanol	2.464	241.297

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 15Feb22
Method: ethanol quant.M	Injection date: 2/15/2022 11:56:26 AM
Instrument: US14173023 CN14160045	Analyst: Abbott dh
Data file: C:\Chem32\1\Data\15Feb22\2.D	

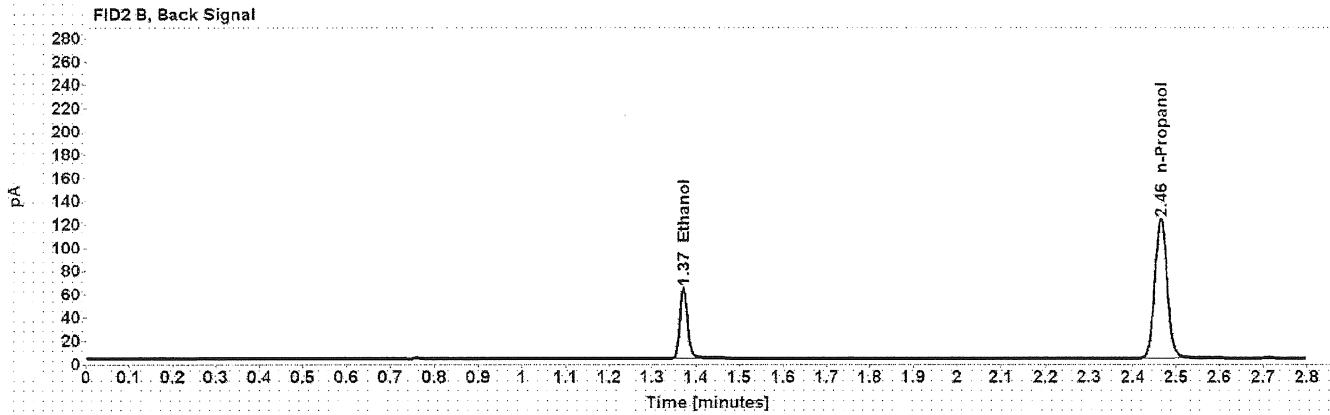
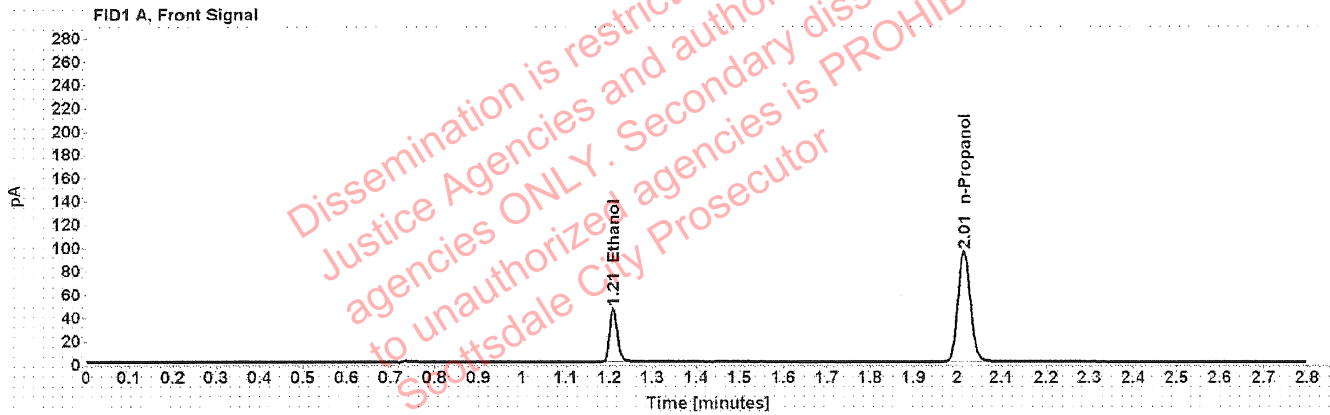


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	58.672
n-Propanol	2.014	189.263

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

Compound	Time (min)	Peak Area
Ethanol	1.372	74.464
n-Propanol	2.464	240.008

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 15Feb22
Method: ethanol quant.M	Injection date: 2/15/2022 12:00:25 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>dh</i>
Data file: C:\Chem32\1\Data\15Feb22\3.D	

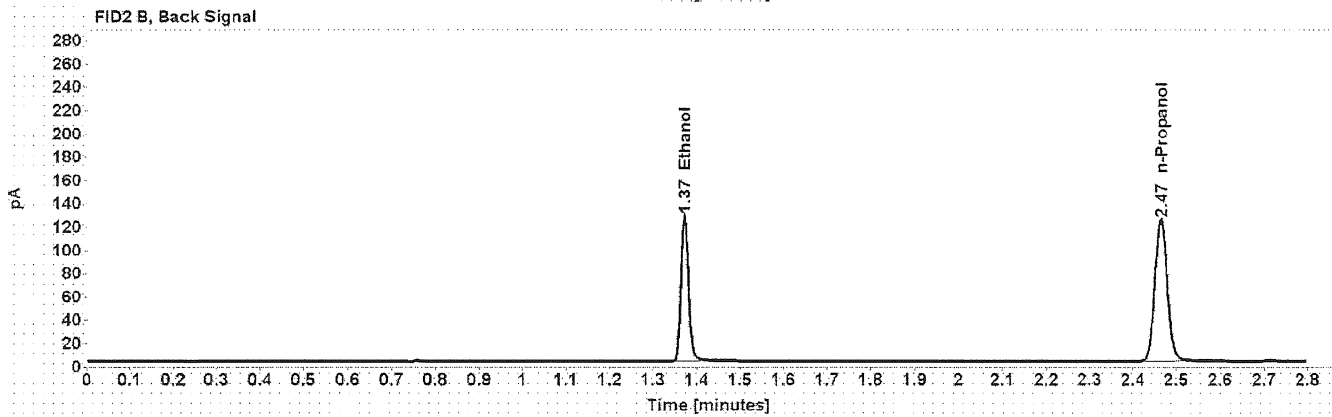
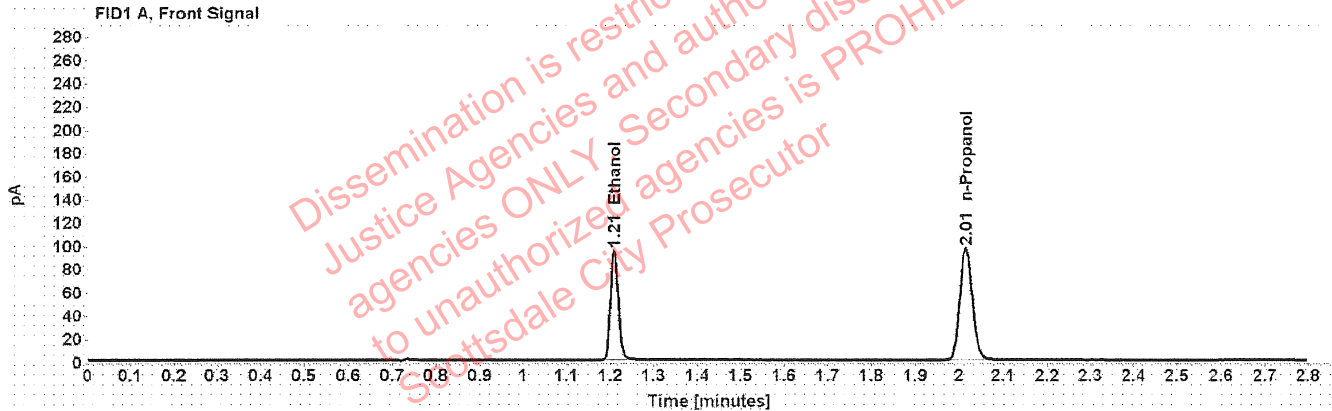


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	120.350
n-Propanol	2.015	192.232

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

Compound	Time (min)	Peak Area
Ethanol	1.372	152.721
n-Propanol	2.465	243.710

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 15Feb22
Method: ethanol quant.M	Injection date: 2/15/2022 12:04:24 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>Abbott</i>
Data file: C:\Chem32\1\Data\15Feb22\4.D	

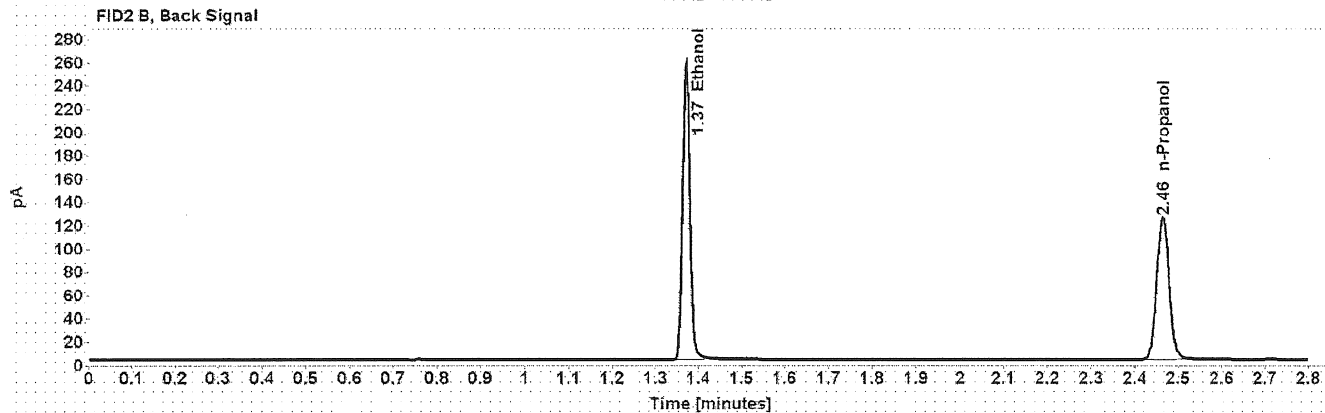
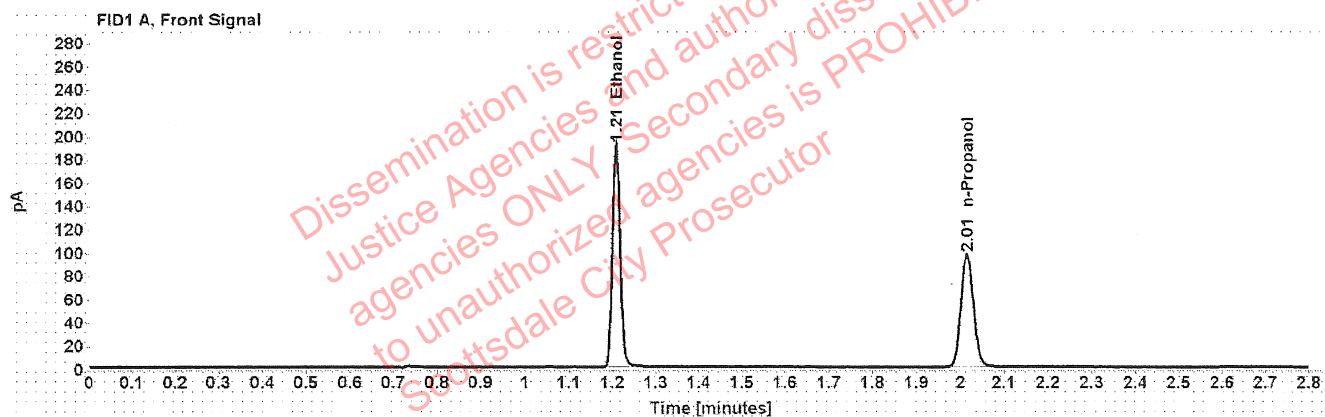


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	243.162
n-Propanol	2.014	193.481

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

Compound	Time (min)	Peak Area
Ethanol	1.371	309.495
n-Propanol	2.464	245.069

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	010722AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 12:08:25 PM
Data file:	C:\Chem32\1\Data\15Feb22\5.D	Analyst:	Abbott <i>gh</i>

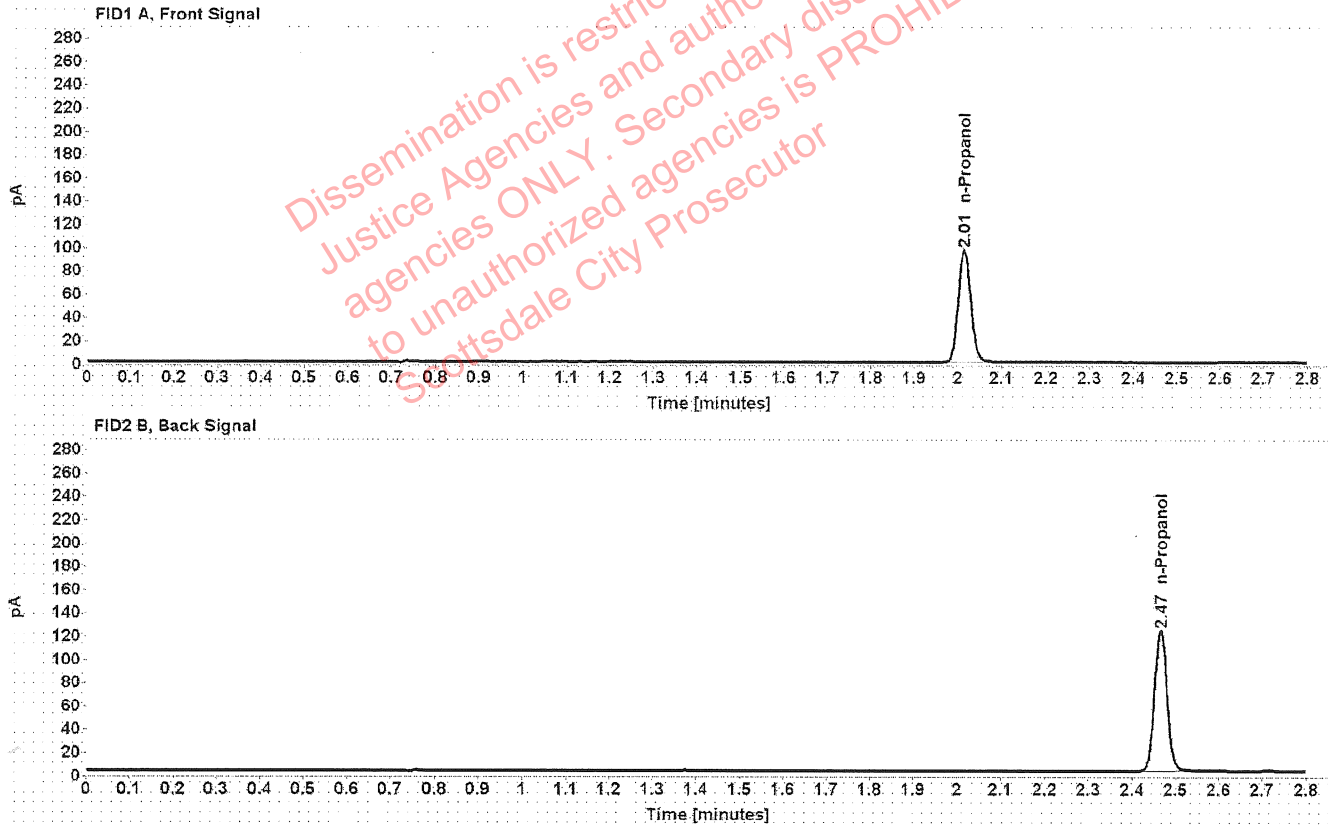


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	191.987

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

Compound	Time (min)	Peak Area
n-Propanol	2.465	243.231

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 12:12:24 PM
Data file:	C:\Chem32\1\Data\15Feb22\6.D	Analyst:	Abbott <i>DA</i>

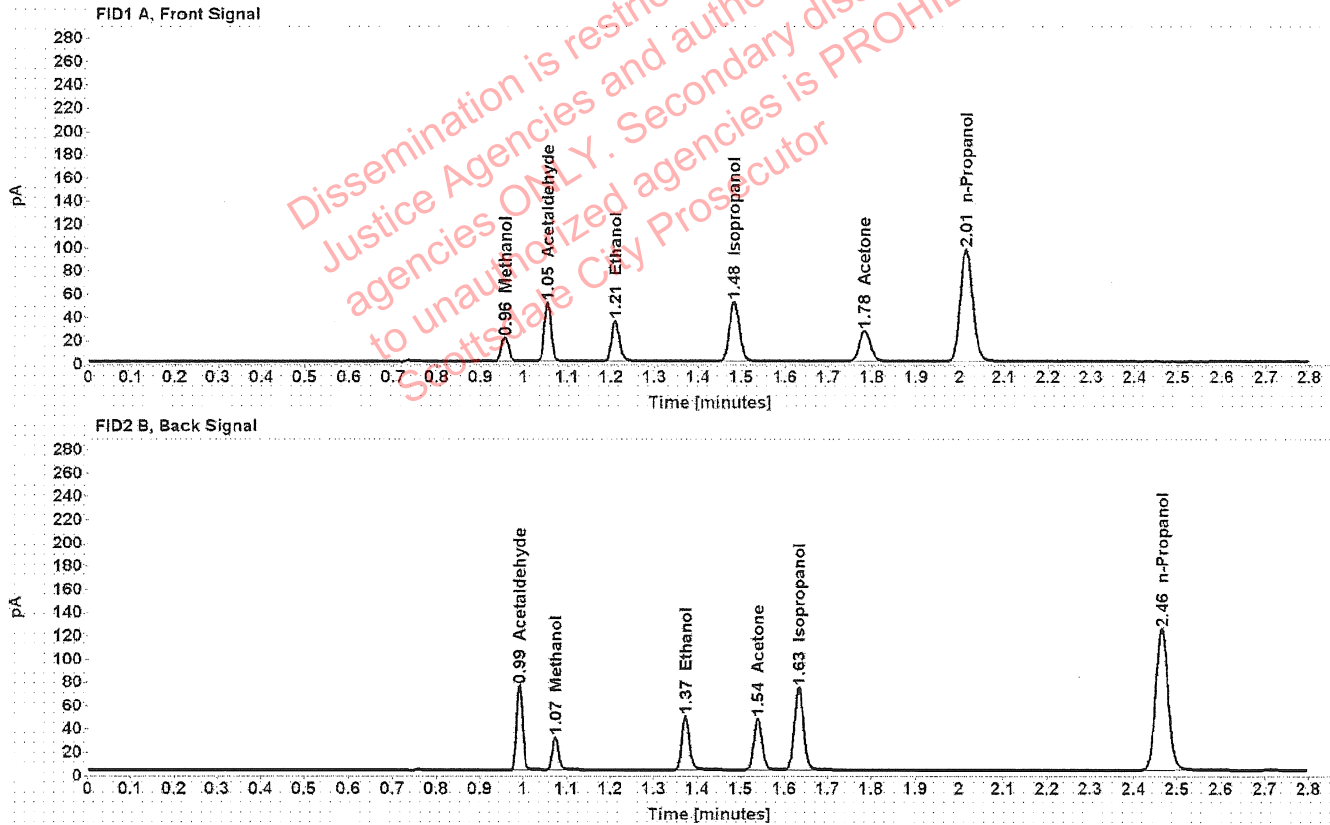


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	22.825
Acetaldehyde	-----	1.054	55.933
>Ethanol	0.0750	1.210	44.646
Isopropanol	-----	1.483	82.155
Acetone	-----	1.783	45.635
n-Propanol	-----	2.015	191.917

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	72.275
Methanol	1.074	29.611
Ethanol	1.373	56.594
Acetone	1.539	58.028
Isopropanol	1.634	106.169
n-Propanol	2.465	242.917

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 12:16:40 PM
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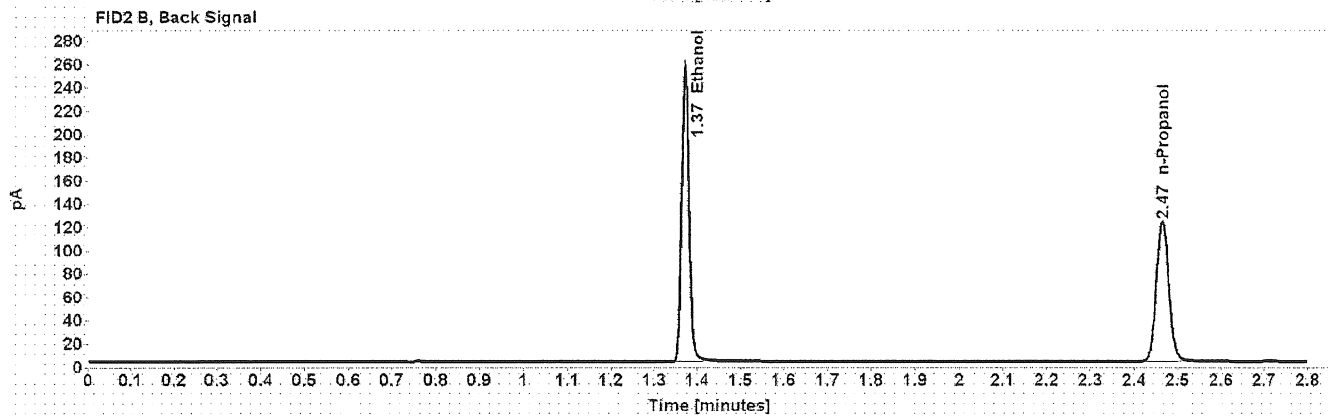
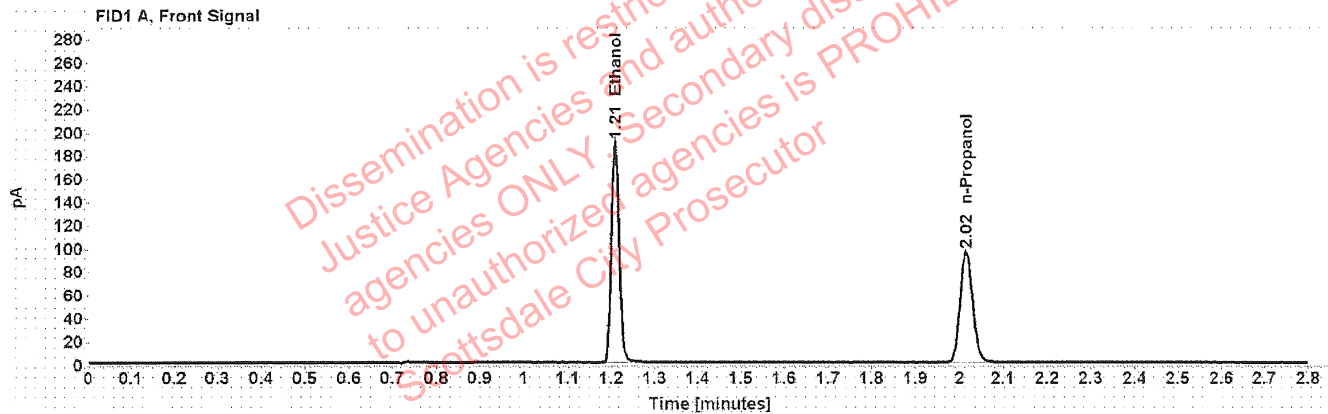


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4014	1.208	240.677
n-Propanol	-----	2.015	190.896

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

Compound	Time (min)	Peak Area
Ethanol	1.372	306.123
n-Propanol	2.465	241.864

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 12:20:39 PM
Data file:	C:\Chem32\1\Data\15Feb22\8.D	Analyst:	Abbott <i>JA</i>

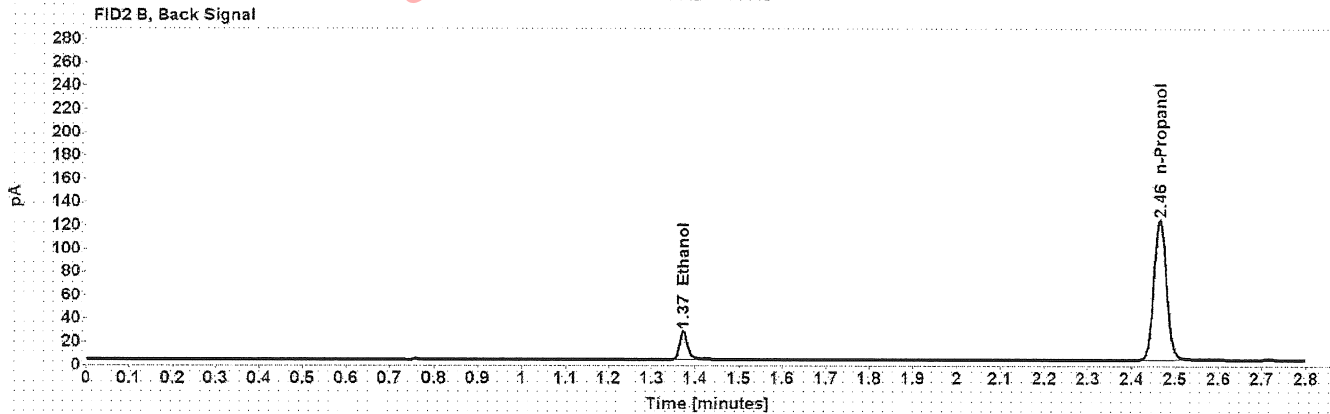
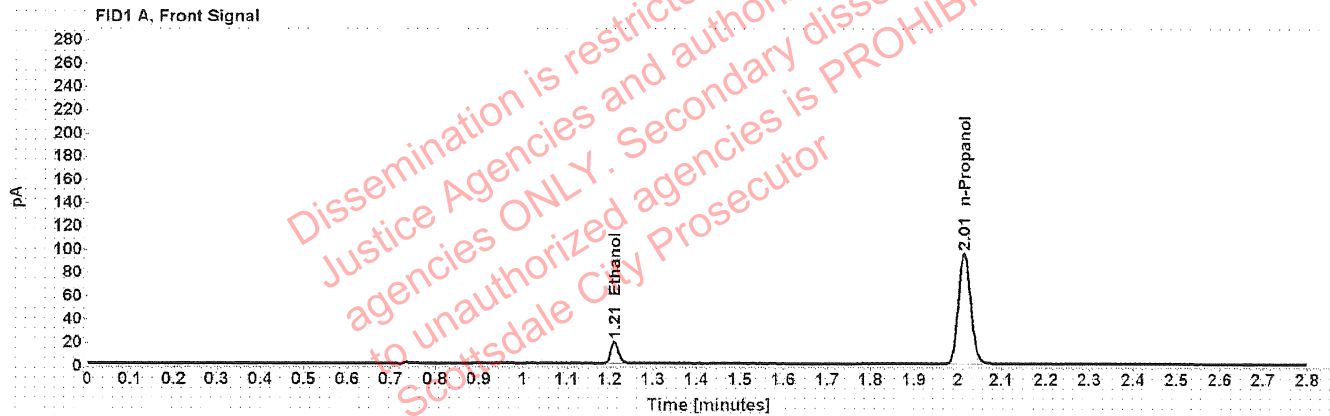


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.211	23.779
n-Propanol	-----	2.015	190.290

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

Compound	Time (min)	Peak Area
Ethanol	1.373	30.200
n-Propanol	2.465	241.159

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/2	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 15Feb22
Instrument: US14173023 CN14160045	Injection date: 2/15/2022 12:24:39 PM
Data file: C:\Chem32\1\Data\15Feb22\9.D	Analyst: Abbott JAB

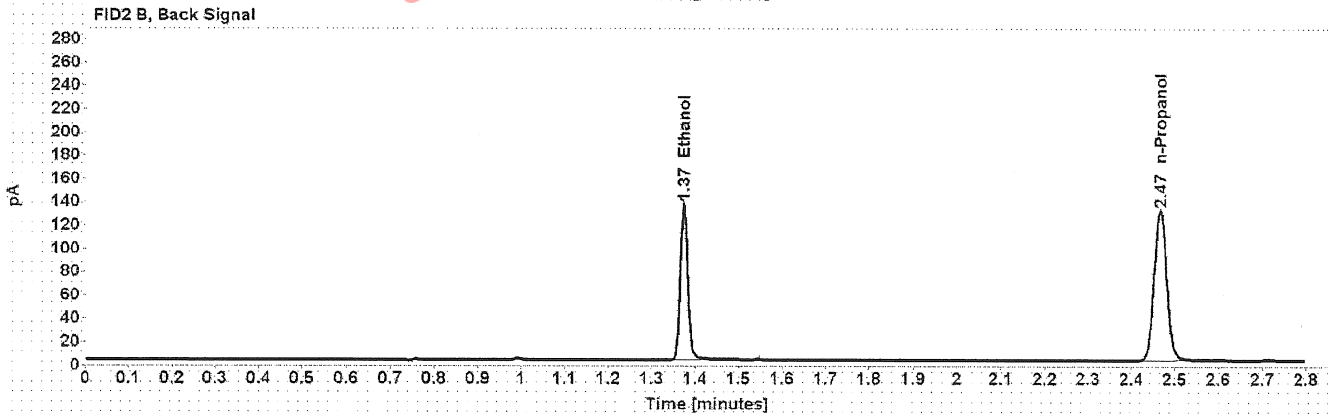
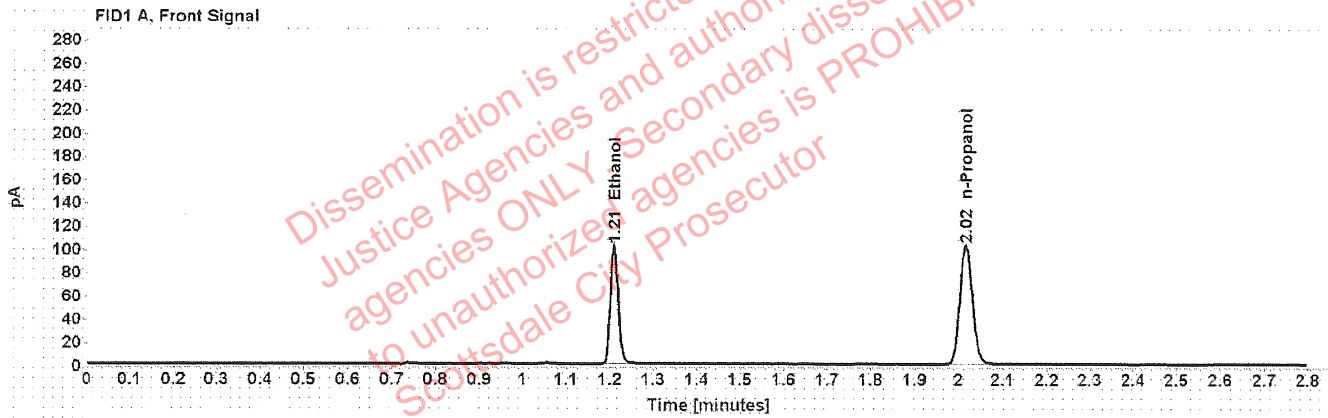


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2024	1.210	129.101
n-Propanol	-----	2.016	203.676

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

Compound	Time (min)	Peak Area
Ethanol	1.374	164.400
n-Propanol	2.467	258.404

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:09:11 PM
Data file:	C:\Chem32\1\Data\15Feb22\20.D	Analyst:	Abbott DL

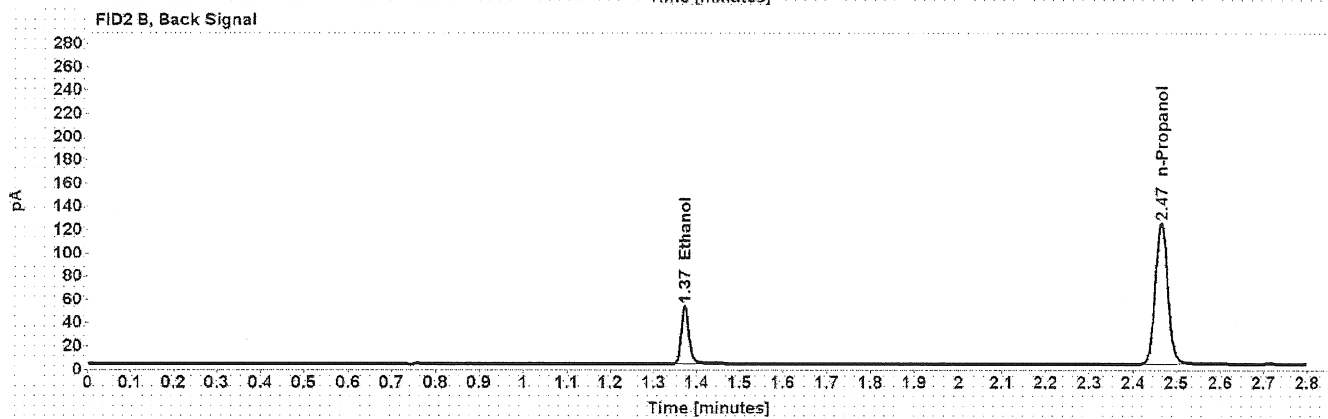


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0808	1.210	48.336
n-Propanol	-----	2.015	192.745

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

Compound	Time (min)	Peak Area
Ethanol	1.373	61.345
n-Propanol	2.465	244.781

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	31
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:53:39 PM
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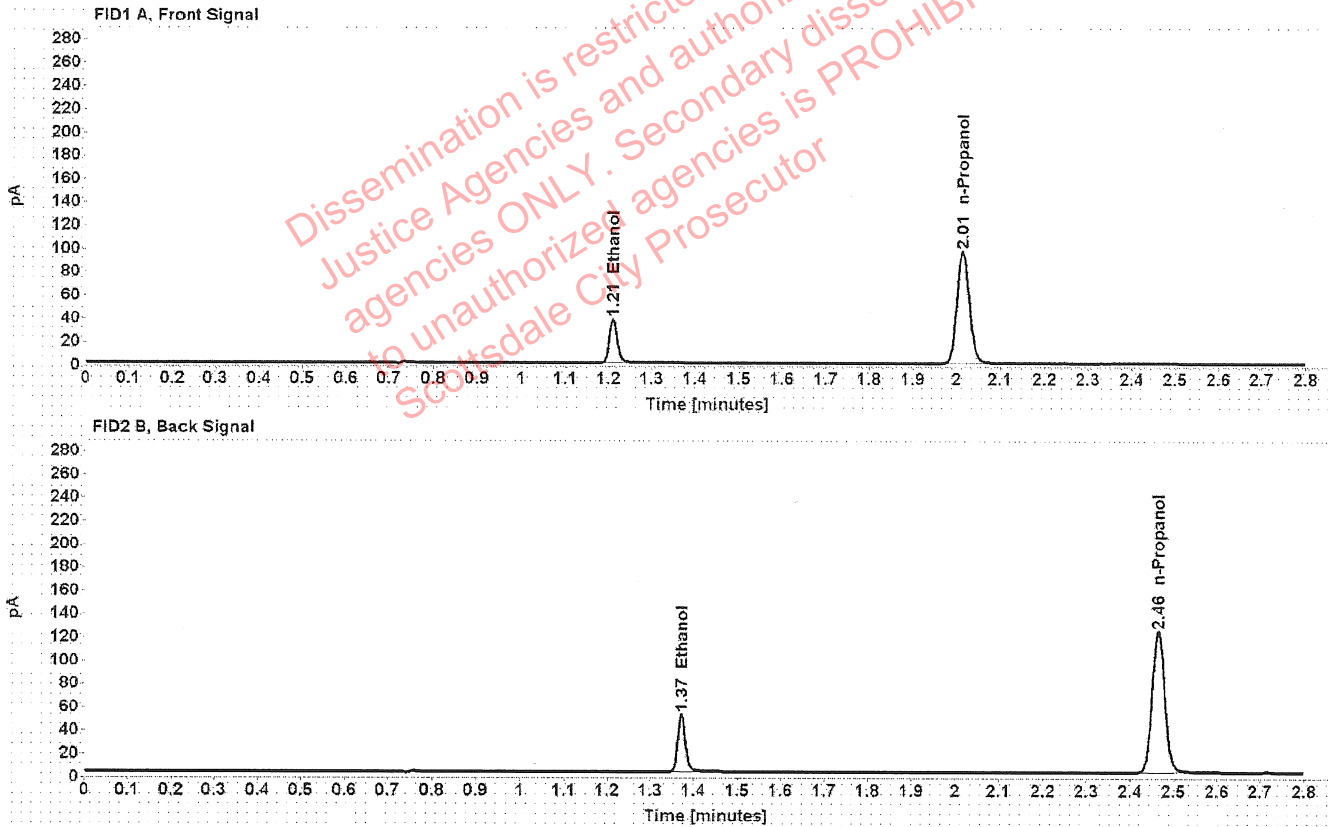


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0807	1.210	48.200
n-Propanol	-----	2.015	192.501

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

Compound	Time (min)	Peak Area
Ethanol	1.372	61.071
n-Propanol	2.465	244.253

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	11092018-A	Vial:	40
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 2:29:54 PM
Data file:	C:\Chem32\1\Data\15Feb22\40.D	Analyst:	Abbott <i>ph</i>

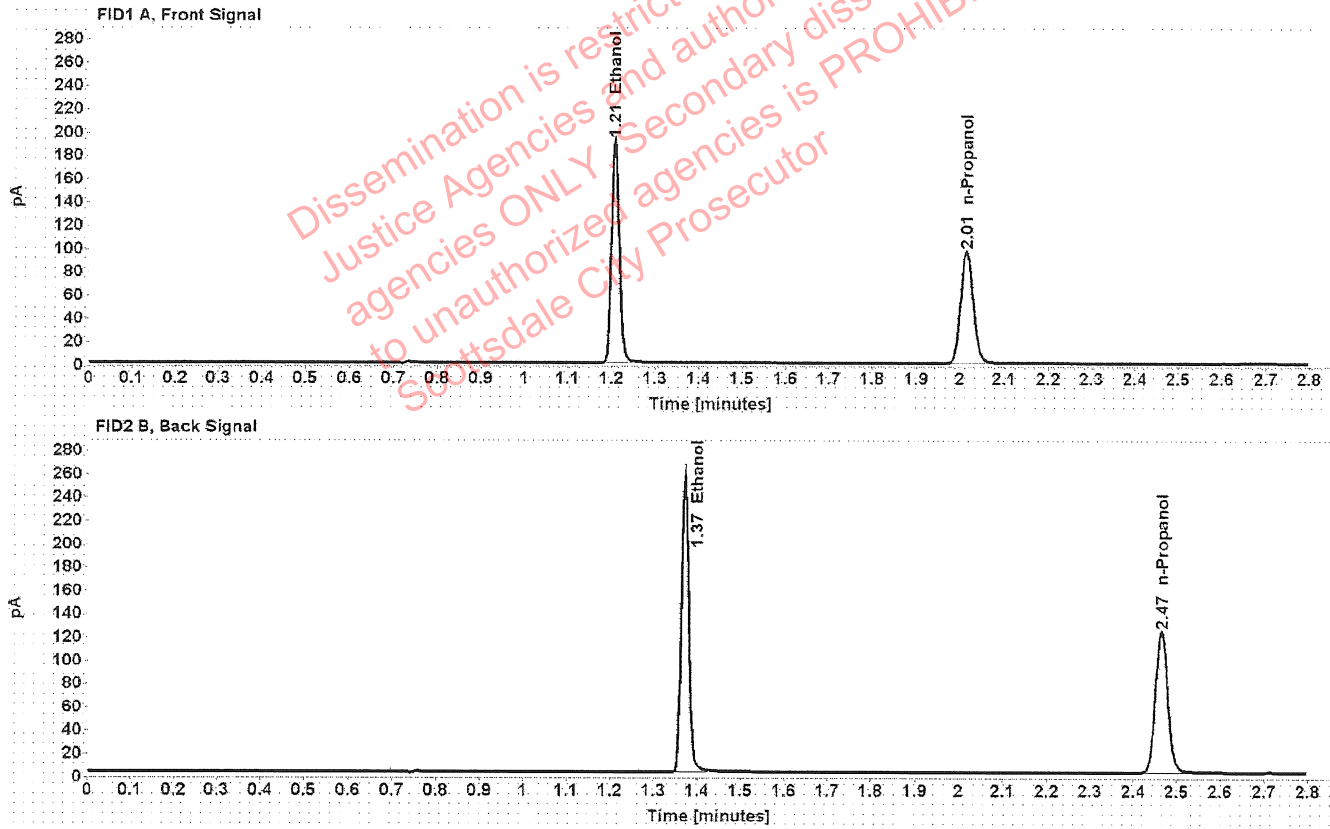


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4029	1.208	243.292
n-Propanol	-----	2.015	192.251

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

Compound	Time (min)	Peak Area
Ethanol	1.372	310.373
n-Propanol	2.465	244.318

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	41
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 2:33:54 PM
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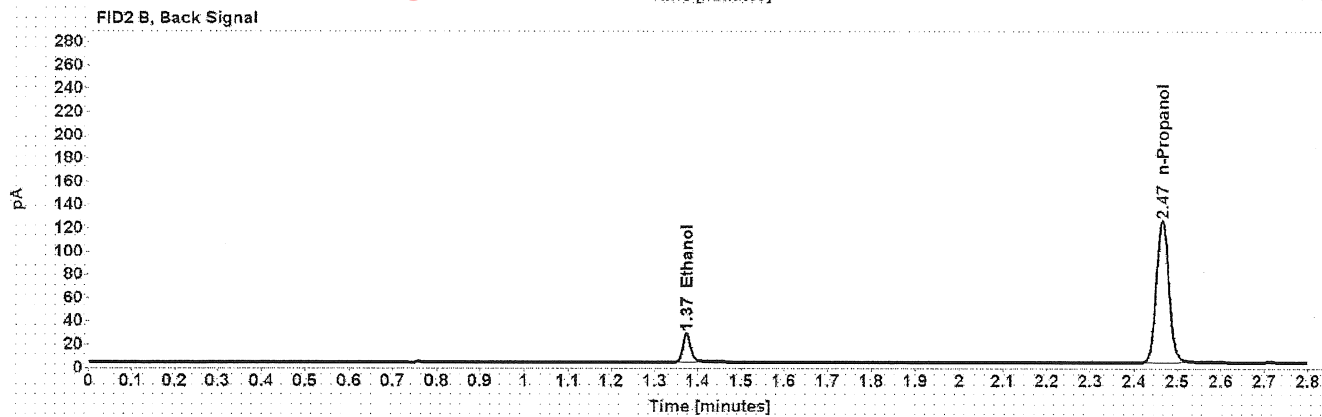
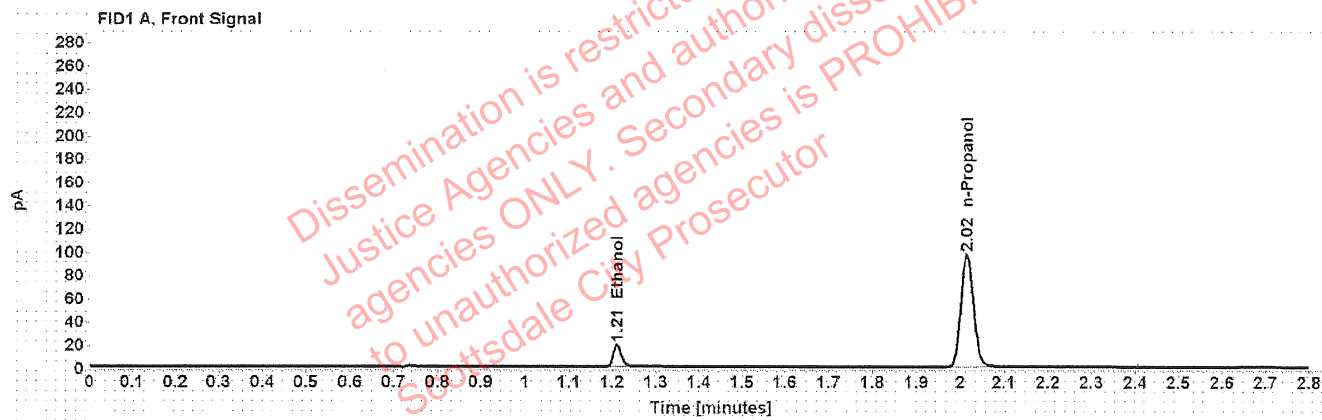


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.211	24.341
n-Propanol	-----	2.015	193.340

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.890
n-Propanol	2.466	245.434

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/2	Vial:	42
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 2:37:55 PM
Data file:	C:\Chem32\1\Data\15Feb22\42.D	Analyst:	Abbott <i>JA</i>

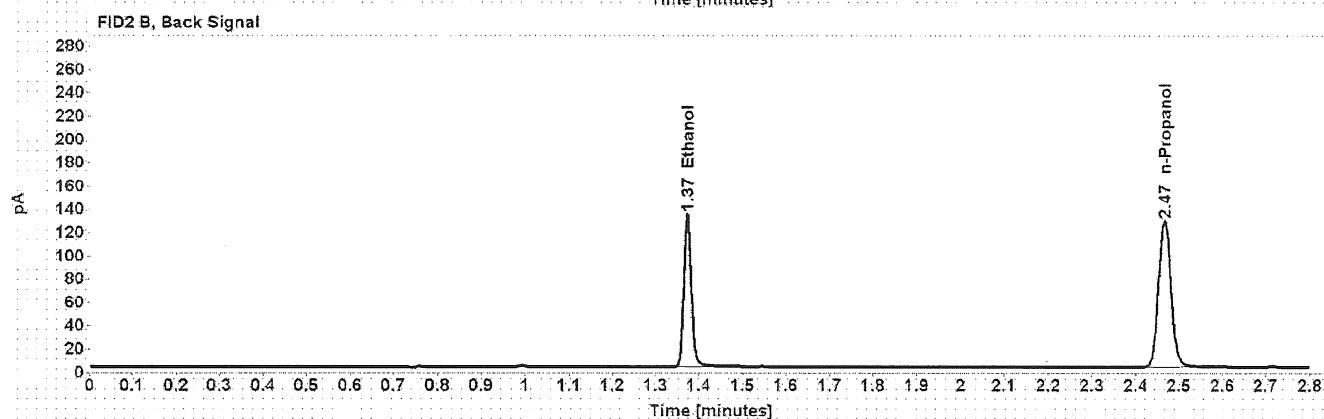
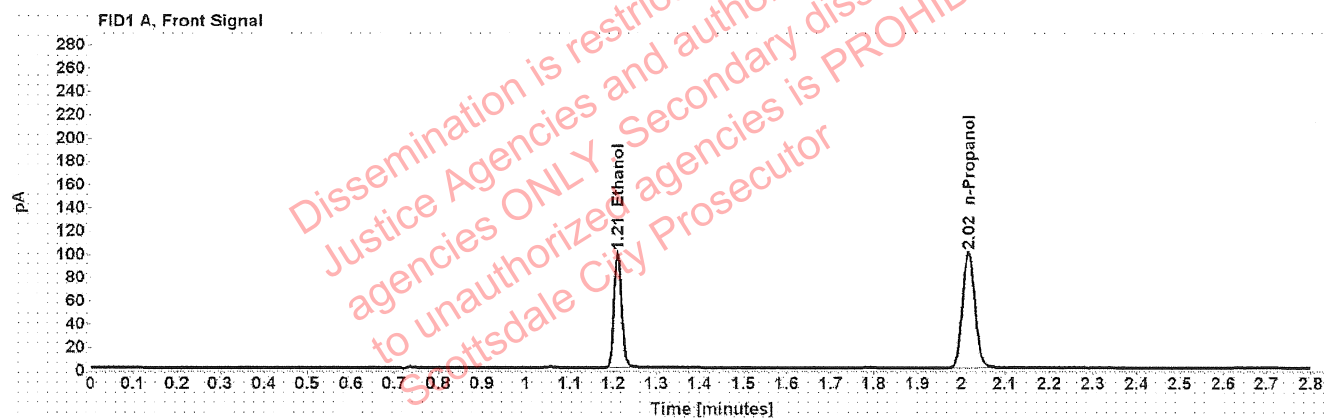


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2030	1.210	126.635
n-Propanol	-----	2.016	199.177

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

Compound	Time (min)	Peak Area
Ethanol	1.374	161.346
n-Propanol	2.467	252.787

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	101921WB	Vial:	43
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 2:42:10 PM
Data file:	C:\Chem32\1\Data\15Feb22\43.D	Analyst:	Abbott <i>JA</i>

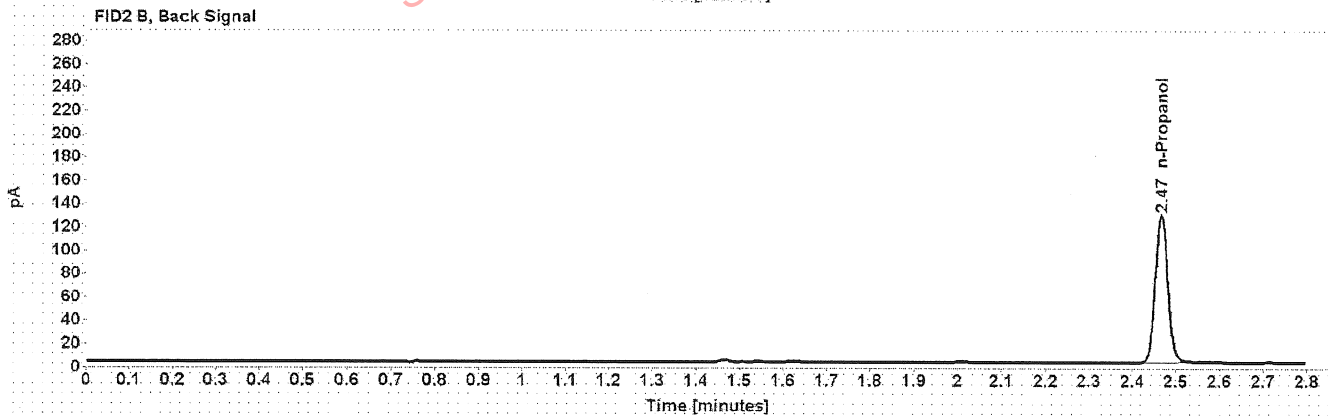
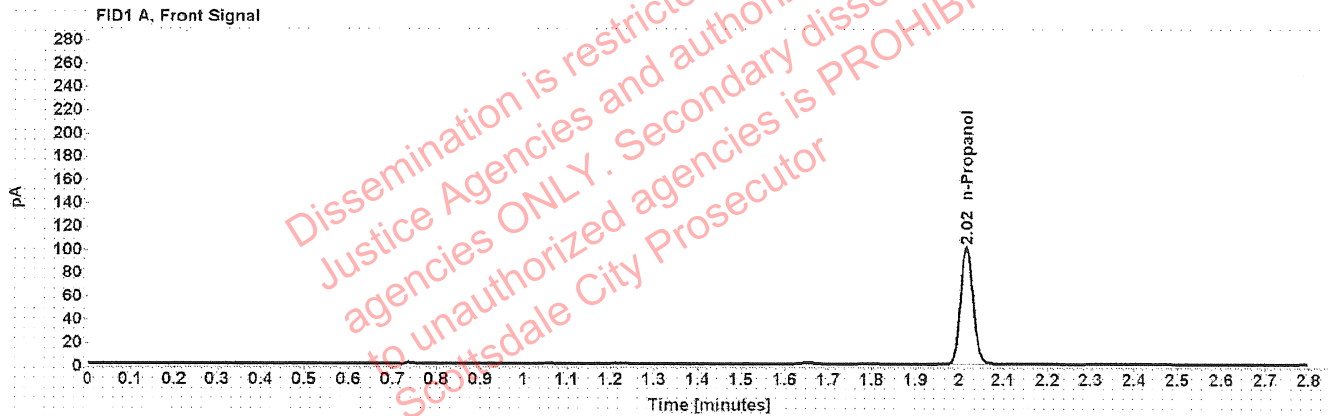


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	200.416

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

Compound	Time (min)	Peak Area
n-Propanol	2.467	254.907

Sequence Summary

Sequence name: 15Feb22 Instrument: US14173023 CN14160045 Analyst: Abbott *AB*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	010722AQ	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	4110320133/2	0.199	Control		ethanol quant.M
10	1407594		Sample		ethanol quant.M
11	1407594		Sample		ethanol quant.M
12	1407670		Sample		ethanol quant.M
13	1407670		Sample		ethanol quant.M
14	1407719		Sample		ethanol quant.M
15	1407719		Sample		ethanol quant.M
16	1407743		Sample		ethanol quant.M
17	1407743		Sample		ethanol quant.M
18	1408016		Sample		ethanol quant.M
19	1408016		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1408420		Sample		ethanol quant.M
22	1408420		Sample		ethanol quant.M
23	1408453		Sample		ethanol quant.M
24	1408453		Sample		ethanol quant.M
25	1383253		Sample		ethanol quant.M
26	1383253		Sample		ethanol quant.M
27	1408624		Sample		ethanol quant.M
28	1408624		Sample		ethanol quant.M
29	1408791		Sample		ethanol quant.M
30	1408791		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	1408848		Sample		ethanol quant.M
33	1408848		Sample		ethanol quant.M
34	1409018		Sample		ethanol quant.M
35	1409018		Sample		ethanol quant.M
36	1408784		Sample		ethanol quant.M
37	1408784		Sample		ethanol quant.M
38	1408868		Sample		ethanol quant.M
39	1408868		Sample		ethanol quant.M
40	11092018-A	0.400	Control		ethanol quant.M
41	14082019-B	0.040	Control		ethanol quant.M
42	4110320133/2	0.199	Control		ethanol quant.M
43	101921WB	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 15Feb22

ANALYST: Abbott *AK*

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1118	0.1118	0.11180	0.00	0.00000
12 13	0.1634	0.1638	0.16360	0.12	0.00020
14 15	0.1349	0.1355	0.13520	0.22	0.00030
16 17	0.1912	0.1908	0.19100	0.10	0.00020
18 19	0.2340	0.2347	0.23435	0.15	0.00035
21 22	0.2536	0.2541	0.25385	0.10	0.00025
23 24	0.1976	0.1979	0.19775	0.08	0.00015
25 26	0.1897	0.1887	0.18920	0.26	0.00050
27 28	0.2717	0.2710	0.27135	0.13	0.00035
29 30	0.2228	0.2233	0.22305	0.11	0.00025
32 33	0.1721	0.1715	0.17180	0.17	0.00030
34 35	0.1956	0.1934	0.19450	0.57	0.00110
36 37	0.1559	0.1552	0.15555	0.23	0.00035
38 39	0.3660	0.3668	0.36640	0.11	0.00040

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

Scottsdale Forensic Lab Blood Alcohol Pipetting Log

ANALYST: Abbott 

SEQUENCE: 15Feb22

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	1407594	1407594	1407594	Yes
Vials 12 and 13	1407670	1407670	1407670	Yes
Vials 14 and 15	1407719	1407719	1407719	Yes
Vials 16 and 17	1407743	1407743	1407743	Yes
Vials 18 and 19	1408016	1408016	1408016	Yes
Vials 21 and 22	1408420	1408420	1408420	Yes
Vials 23 and 24	1408453	1408453	1408453	Yes
Vials 25 and 26	1383253	1383253	1383253	Yes
Vials 27 and 28	1408624	1408624	1408624	Yes
Vials 29 and 30	1408791	1408791	1408791	Yes
Vials 32 and 33	1408848	1408848	1408848	Yes
Vials 34 and 35	1409018	1409018	1409018	Yes
Vials 36 and 37	1408784	1408784	1408784	Yes
Vials 38 and 39	1408868	1408868	1408868	Yes

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407594	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 12:28:40 PM
Data file:	C:\Chem32\1\Data\15Feb22\10.D	Analyst:	Abbott

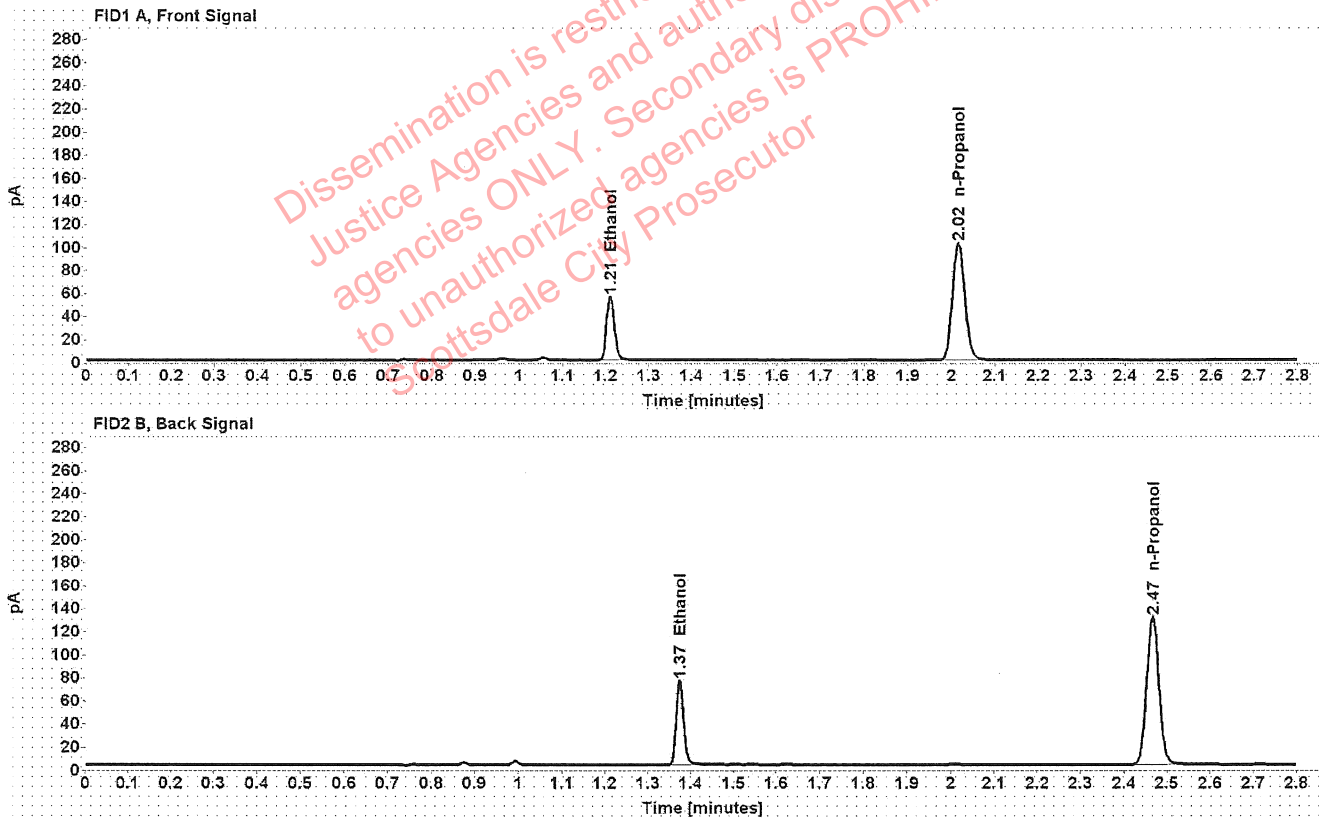


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1118	1.211	70.501
n-Propanol	-----	2.016	202.350

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

Compound	Time (min)	Peak Area
Ethanol	1.374	88.977
n-Propanol	2.467	256.869

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407594	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 12:32:40 PM
Data file:	C:\Chem32\1\Data\15Feb22\11.D	Analyst:	Abbott

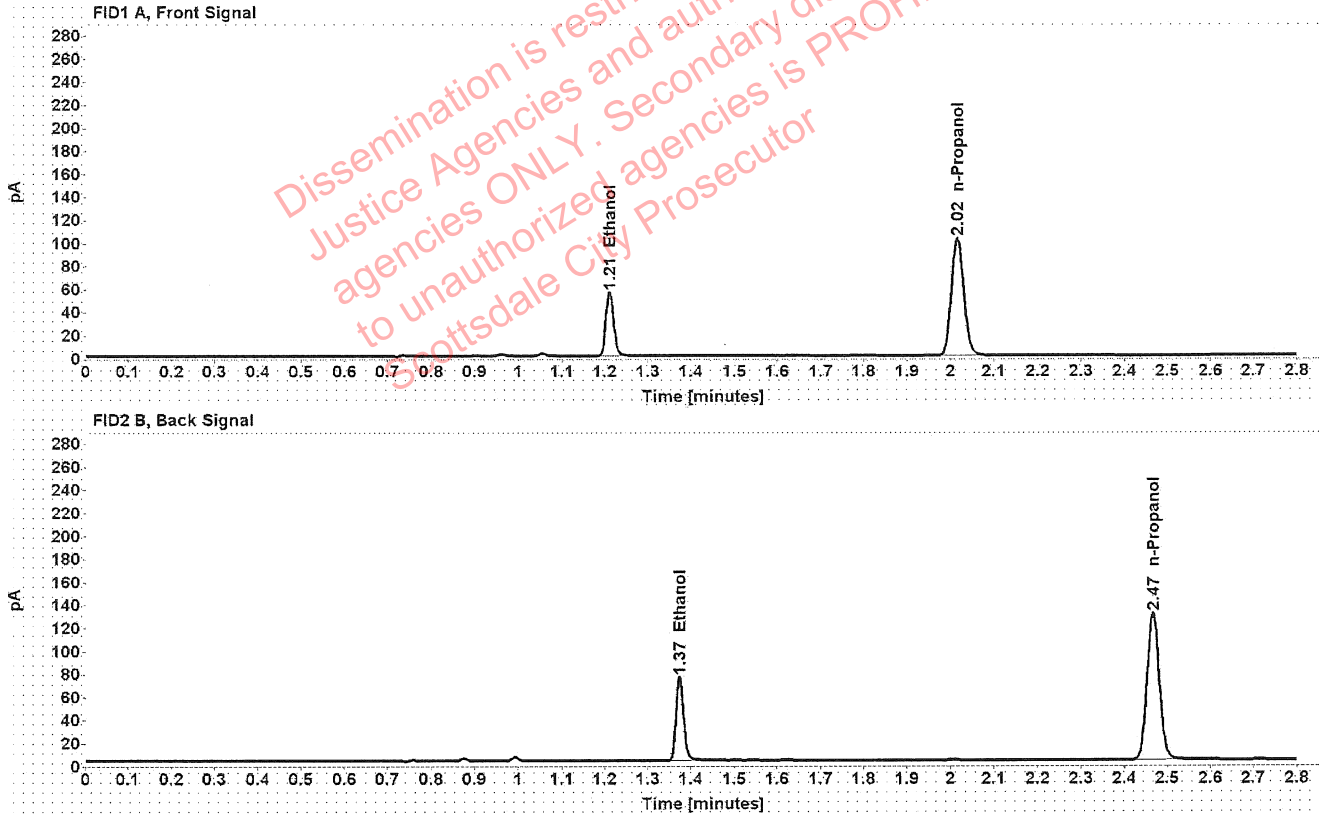


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1118	1.211	70.526
n-Propanol	-----	2.016	202.330

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

Compound	Time (min)	Peak Area
Ethanol	1.374	89.160
n-Propanol	2.467	256.783

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407670	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 12:36:39 PM
Data file:	C:\Chem32\1\Data\15Feb22\12.D	Analyst:	Abbott

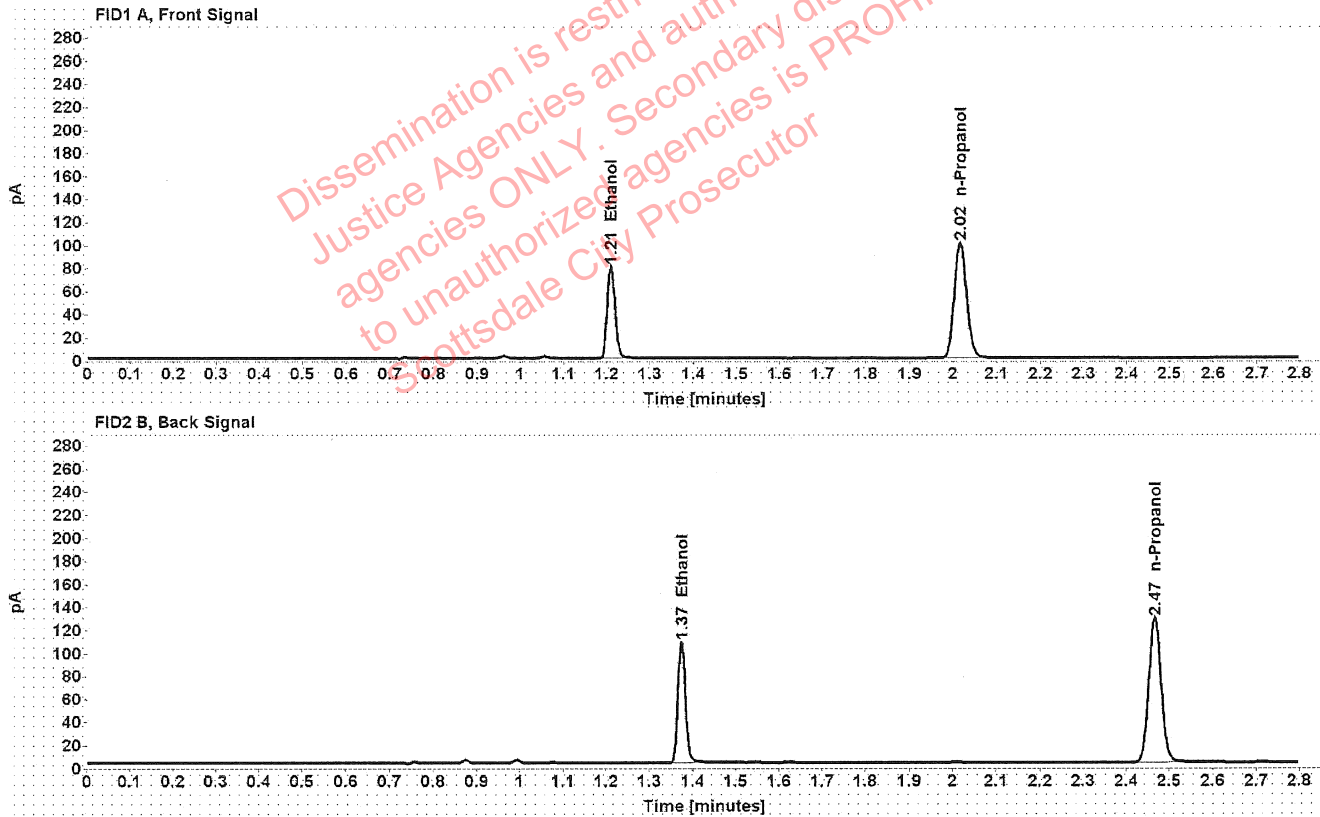


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1634	1.210	101.828
n-Propanol	-----	2.016	199.190

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

Compound	Time (min)	Peak Area
Ethanol	1.374	129.056
n-Propanol	2.467	252.636

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407670	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 12:40:54 PM
Data file:	C:\Chem32\1\Data\15Feb22\13.D	Analyst:	Abbott

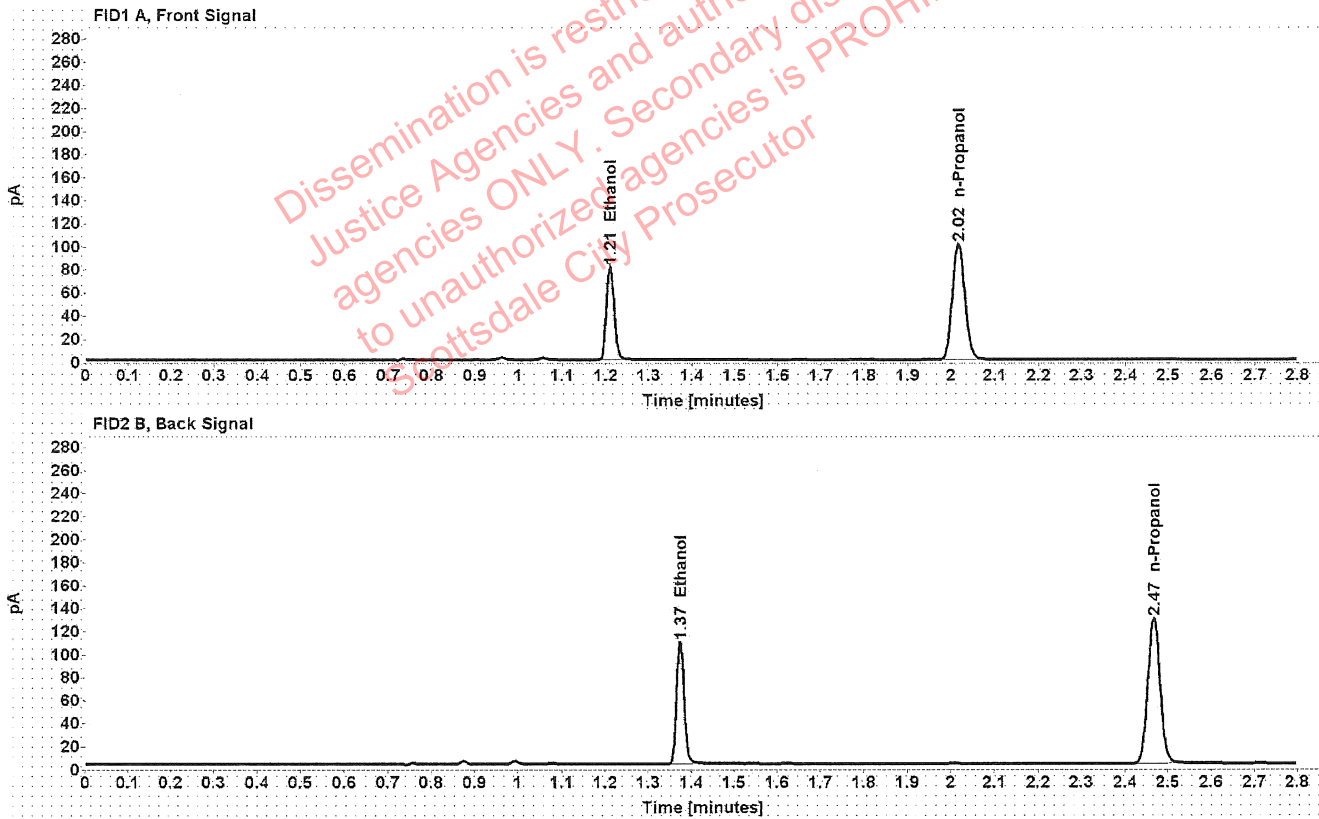


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1638	1.210	102.413
n-Propanol	-----	2.016	199.946

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

Compound	Time (min)	Peak Area
Ethanol	1.374	129.543
n-Propanol	2.467	253.451

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407719	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 12:44:54 PM
Data file:	C:\Chem32\1\Data\15Feb22\14.D	Analyst:	Abbott

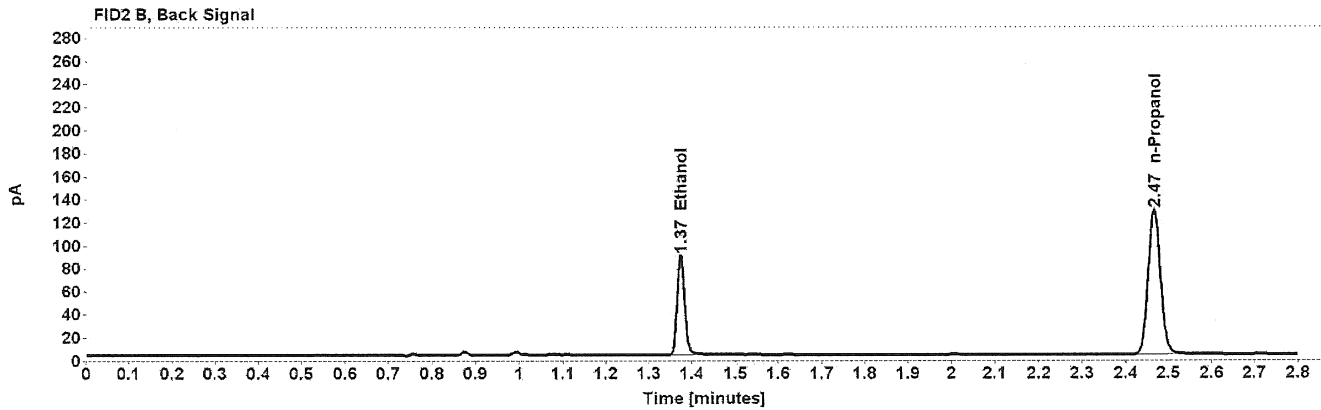
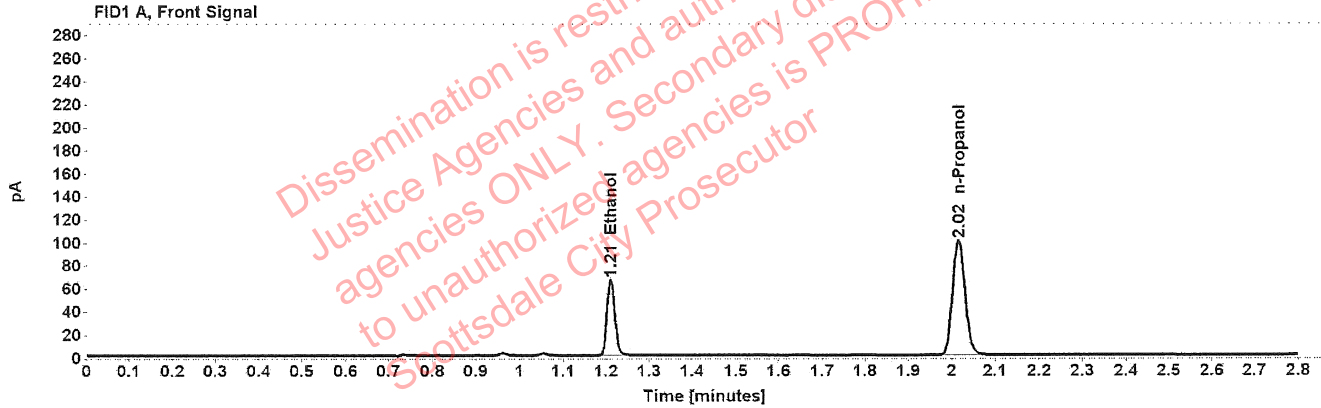


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1349	1.210	83.664
n-Propanol	-----	2.016	198.641

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

Compound	Time (min)	Peak Area
Ethanol	1.374	105.826
n-Propanol	2.467	252.026

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407719	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 12:48:54 PM
Data file:	C:\Chem32\1\Data\15Feb22\15.D	Analyst:	Abbott

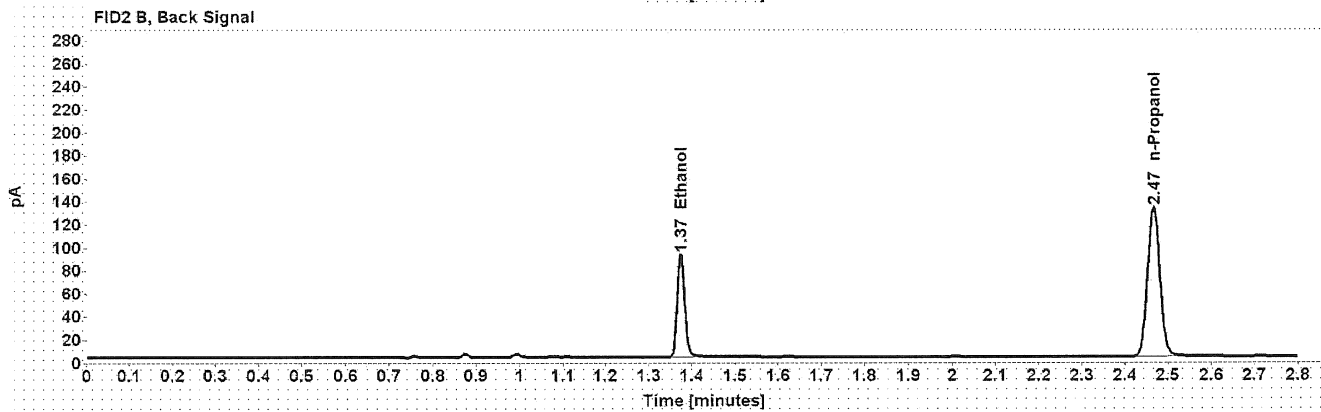
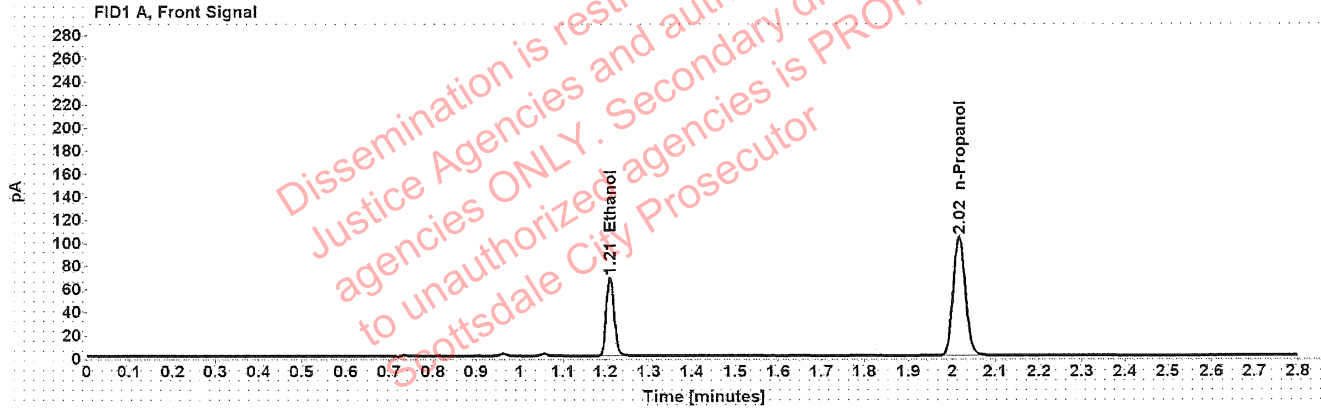


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1355	1.210	86.609
n-Propanol	-----	2.016	204.665

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

Compound	Time (min)	Peak Area
Ethanol	1.374	109.888
n-Propanol	2.467	259.660

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407743	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 12:52:54 PM
Data file:	C:\Chem32\1\Data\15Feb22\16.D	Analyst:	Abbott

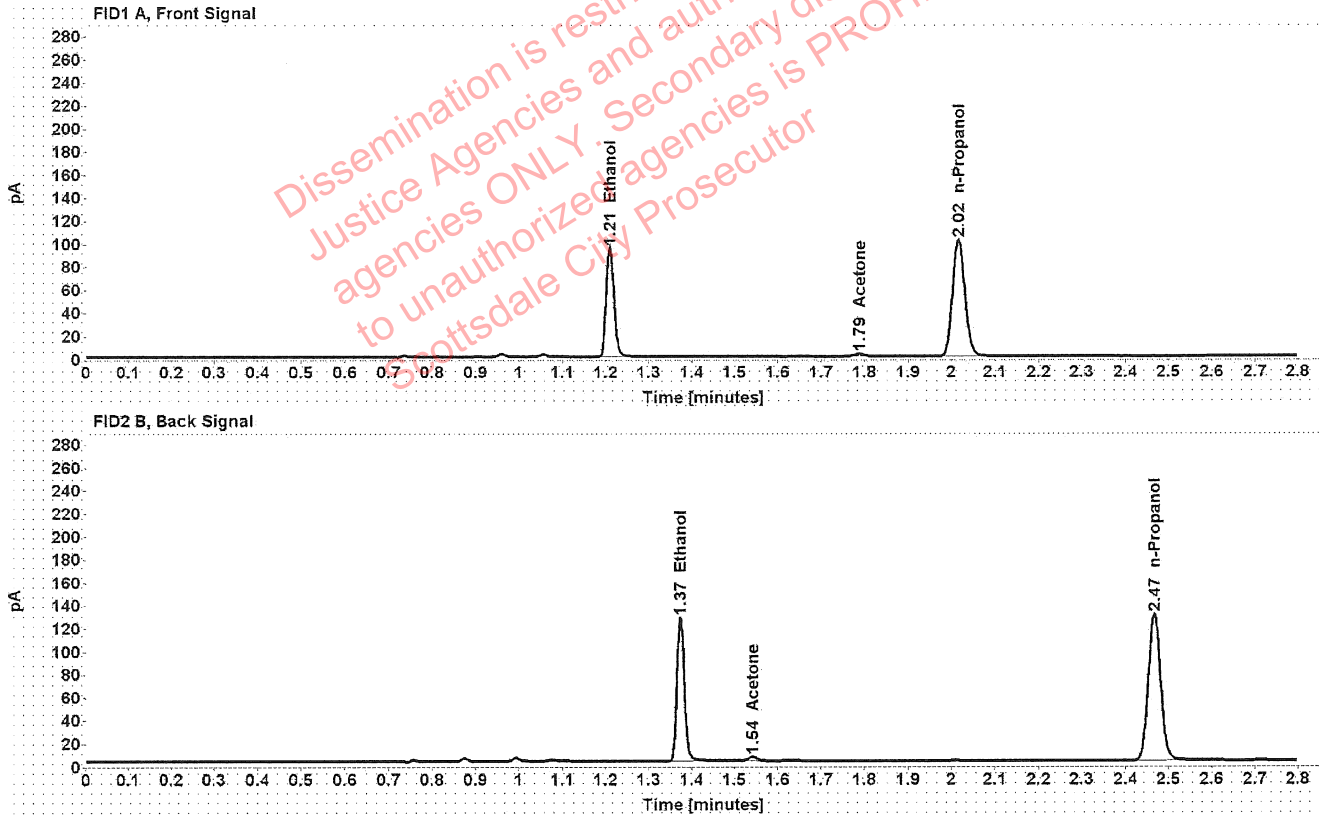


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1912	1.210	120.682
Acetone	-----	1.788	3.917
n-Propanol	-----	2.016	201.589

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

Compound	Time (min)	Peak Area
Ethanol	1.374	152.812
Acetone	1.542	4.791
n-Propanol	2.467	255.199

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1407743	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 12:56:54 PM
Data file:	C:\Chem32\1\Data\15Feb22\17.D	Analyst:	Abbott

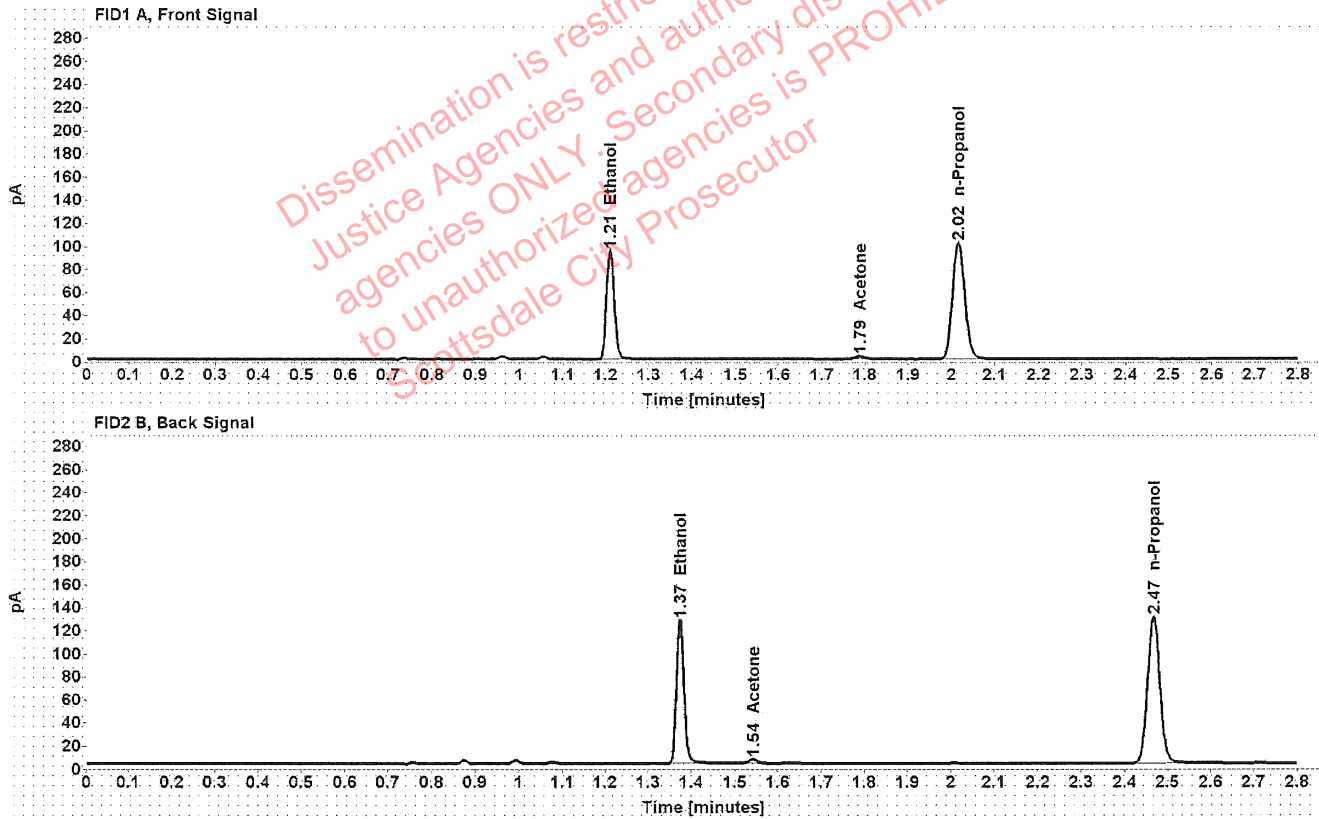


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1908	1.210	120.274
Acetone	-----	1.788	3.922
n-Propanol	-----	2.016	201.368

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

Compound	Time (min)	Peak Area
Ethanol	1.374	152.808
Acetone	1.543	4.802
n-Propanol	2.467	255.117

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408016	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:00:55 PM
Data file:	C:\Chem32\1\Data\15Feb22\18.D	Analyst:	Abbott

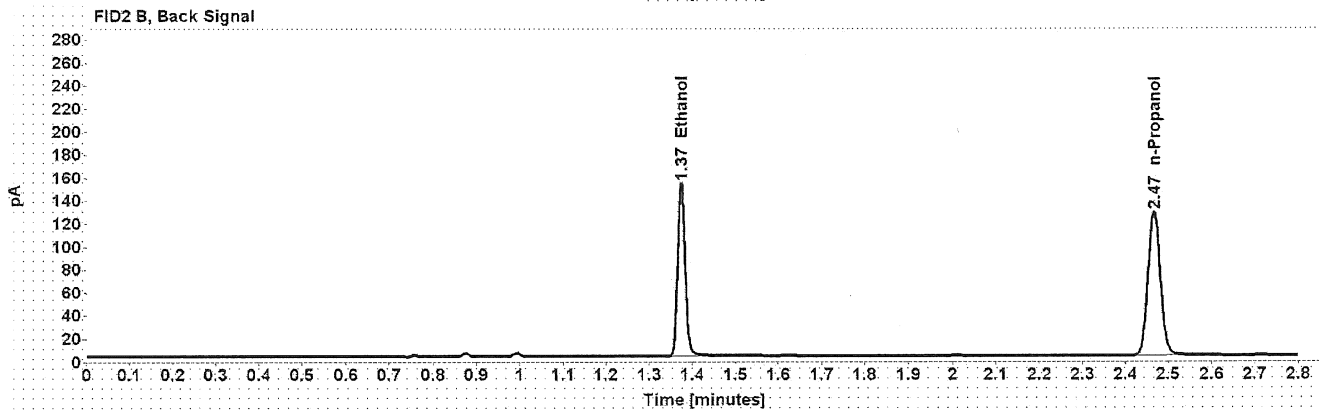
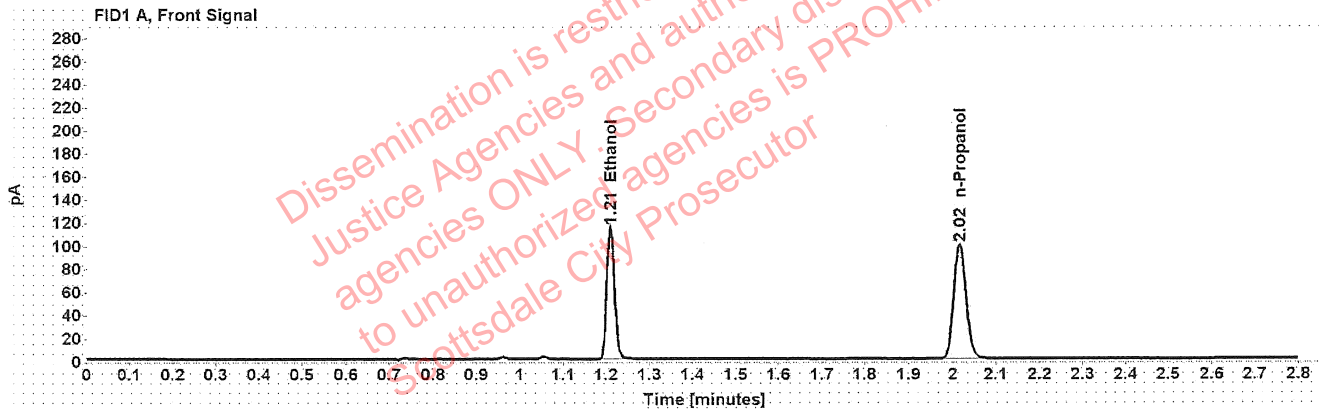


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2340	1.210	144.759
n-Propanol	-----	2.016	197.327

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

Compound	Time (min)	Peak Area
Ethanol	1.374	184.318
n-Propanol	2.467	250.467

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408016	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:05:09 PM
Data file:	C:\Chem32\1\Data\15Feb22\19.D	Analyst:	Abbott

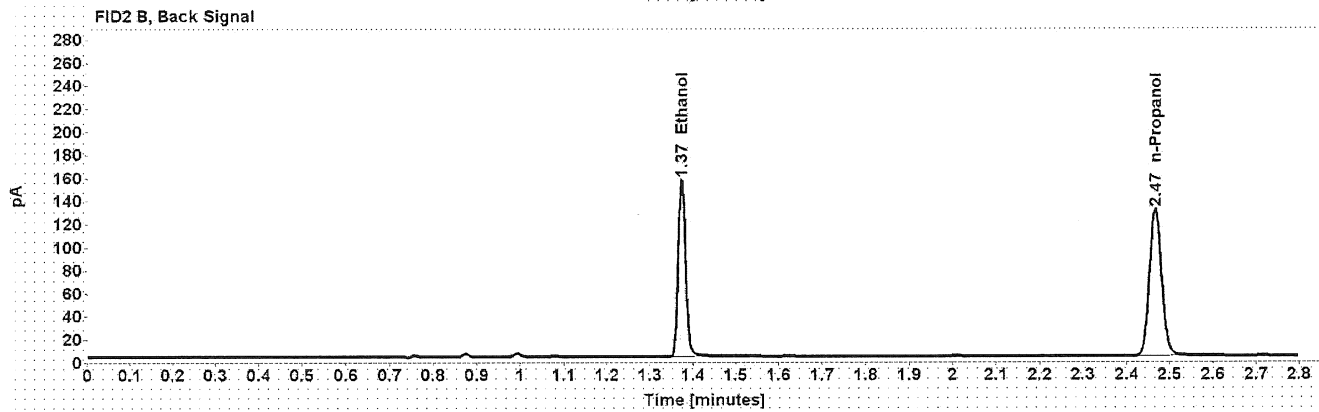
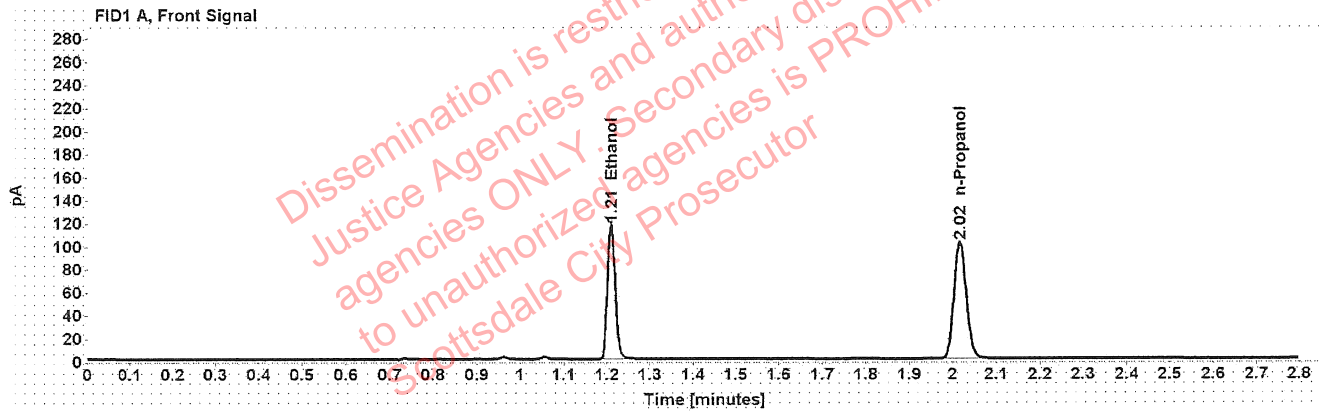


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2347	1.210	148.375
n-Propanol	-----	2.016	201.713

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

Compound	Time (min)	Peak Area
Ethanol	1.374	188.177
n-Propanol	2.467	255.817

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408420	Vial:	21
Description:	[redacted]	LIMS ID:	[redacted]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:13:09 PM
Data file:	C:\Chem32\1\Data\15Feb22\21.D	Analyst:	Abbott

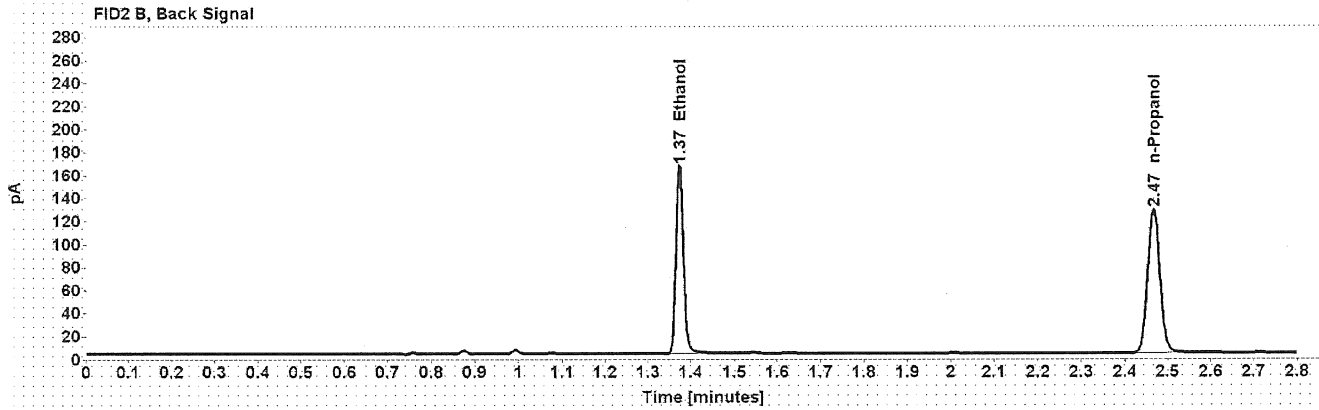
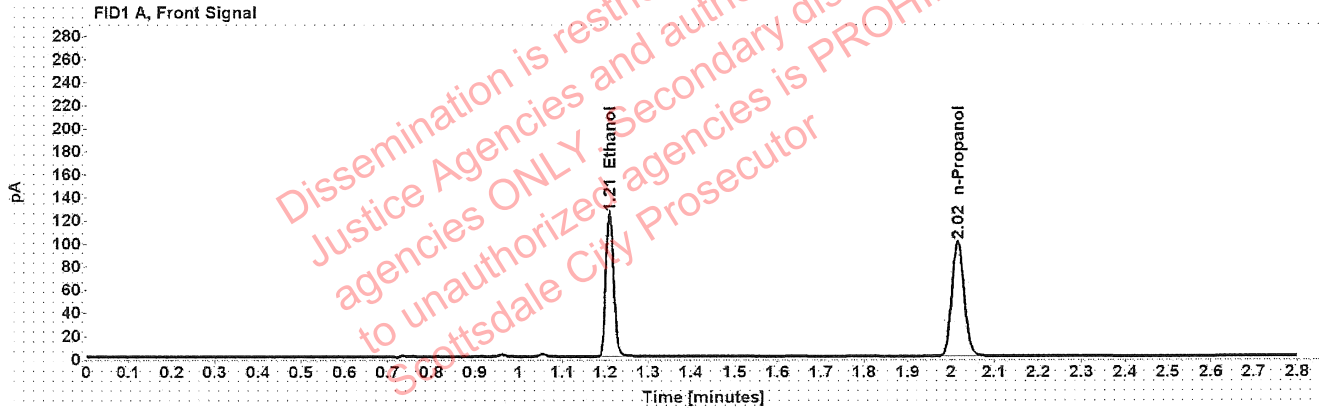


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2536	1.210	157.338
n-Propanol	-----	2.016	197.897

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

Compound	Time (min)	Peak Area
Ethanol	1.374	200.161
n-Propanol	2.467	251.060

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408420	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:17:09 PM
Data file:	C:\Chem32\1\Data\15Feb22\22.D	Analyst:	Abbott

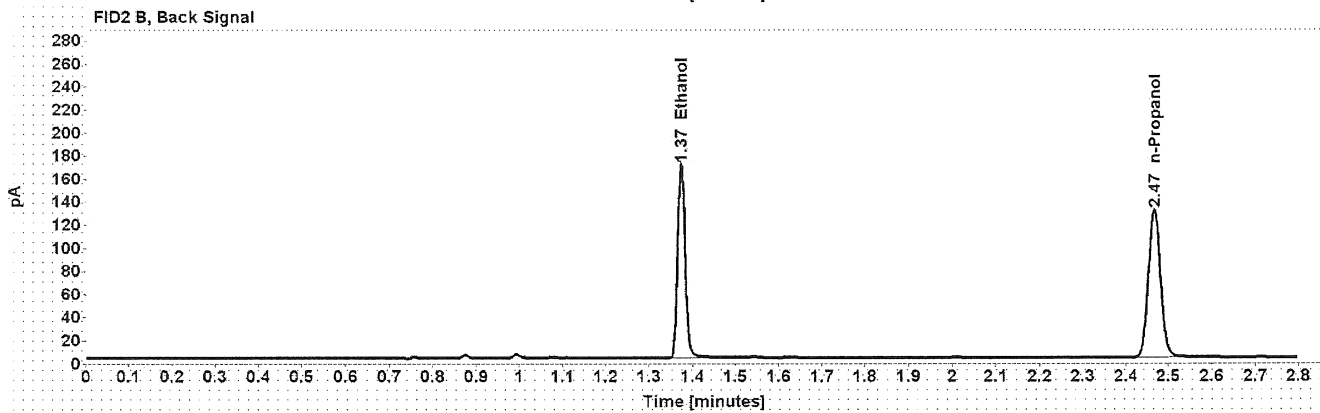
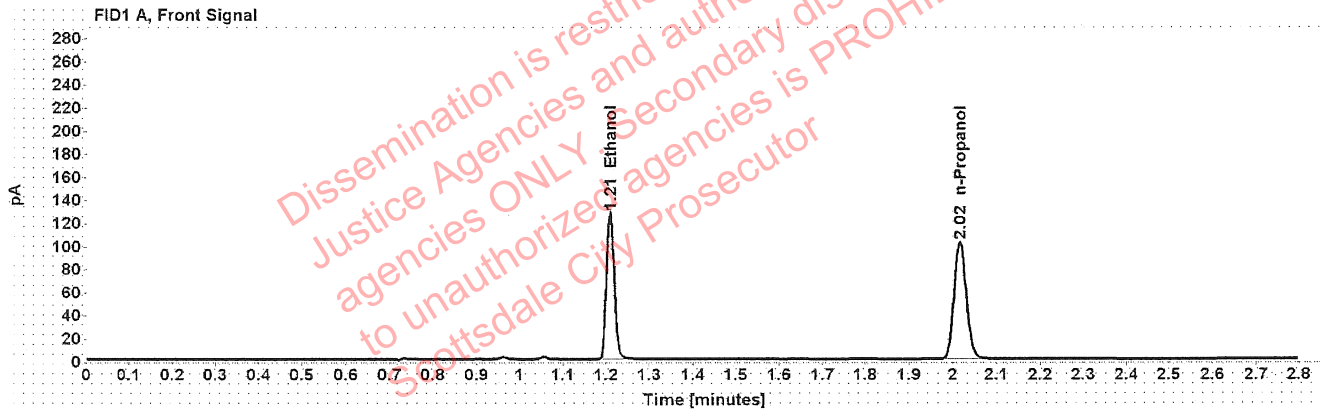


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2541	1.210	161.469
n-Propanol	-----	2.016	202.630

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

Compound	Time (min)	Peak Area
Ethanol	1.374	205.572
n-Propanol	2.467	257.091

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408453	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:21:10 PM
Data file:	C:\Chem32\1\Data\15Feb22\23.D	Analyst:	Abbott

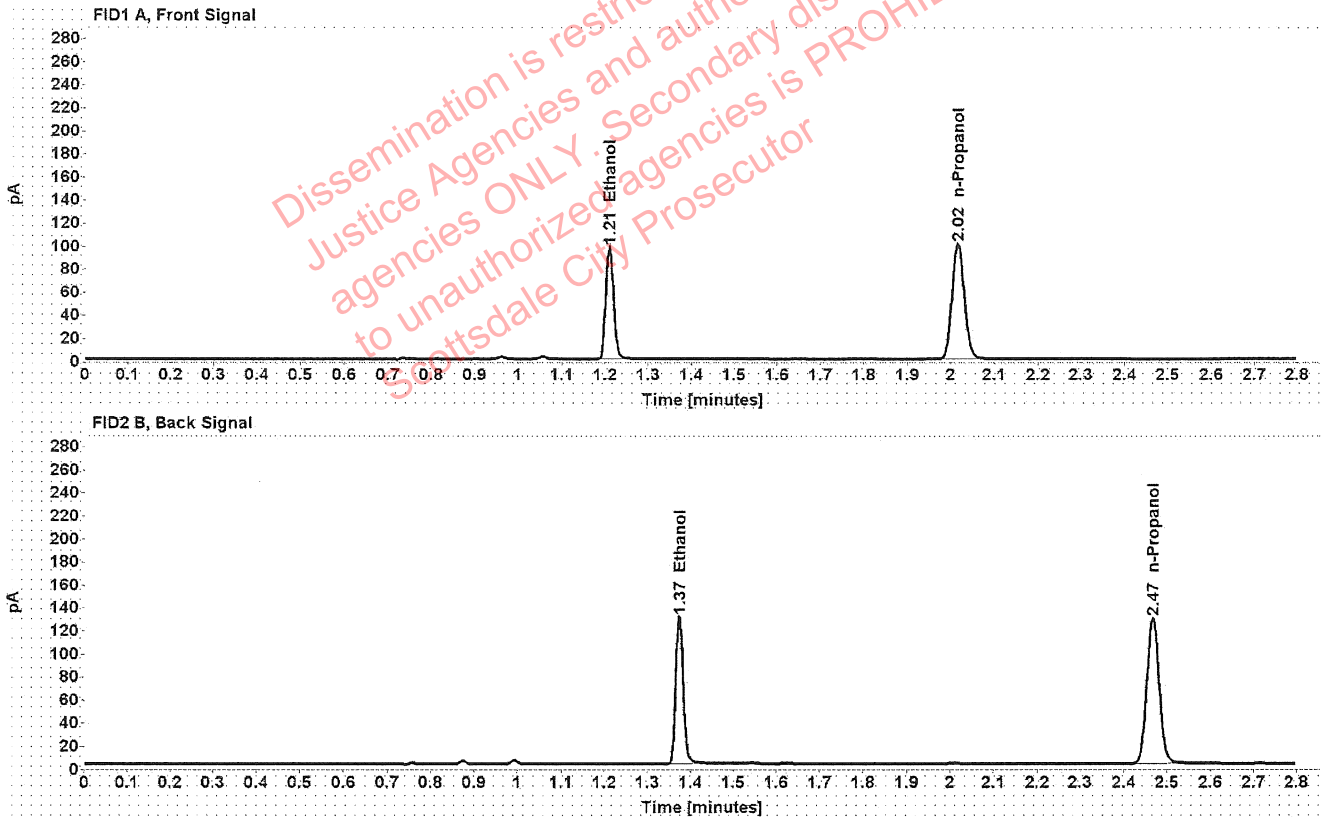


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1976	1.210	123.498
n-Propanol	-----	2.016	199.579

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

Compound	Time (min)	Peak Area
Ethanol	1.374	156.790
n-Propanol	2.467	253.265

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408453	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:25:11 PM
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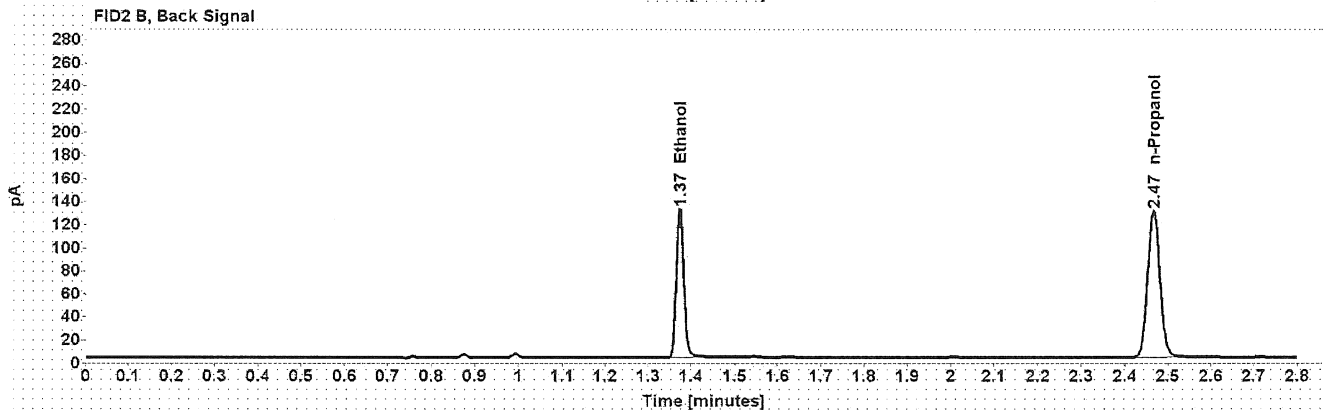
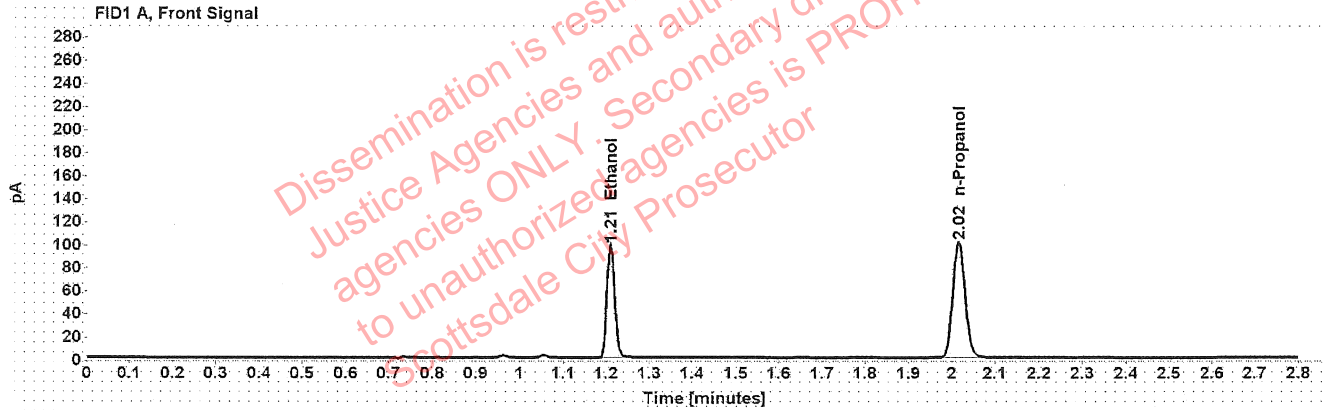


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1979	1.210	124.553
n-Propanol	-----	2.016	200.951

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

Compound	Time (min)	Peak Area
Ethanol	1.374	157.942
n-Propanol	2.467	255.132

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1383253	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:29:25 PM
Data file:	C:\Chem32\1\Data\15Feb22\25.D	Analyst:	Abbott

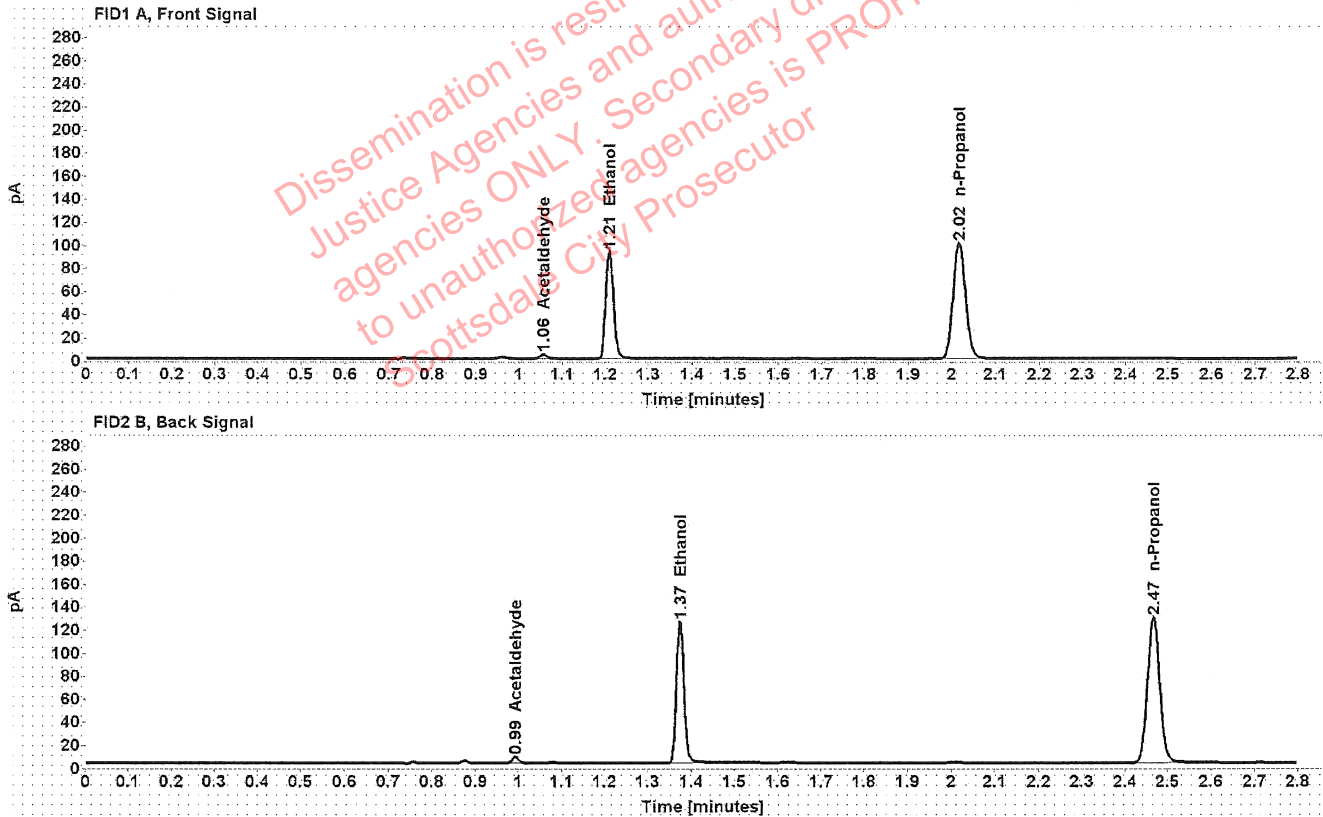


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.883
>Ethanol	0.1897	1.210	118.610
n-Propanol	-----	2.016	199.766

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.112
Ethanol	1.374	150.259
n-Propanol	2.467	253.882

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1383253	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:33:25 PM
Data file:	C:\Chem32\1\Data\15Feb22\26.D	Analyst:	Abbott

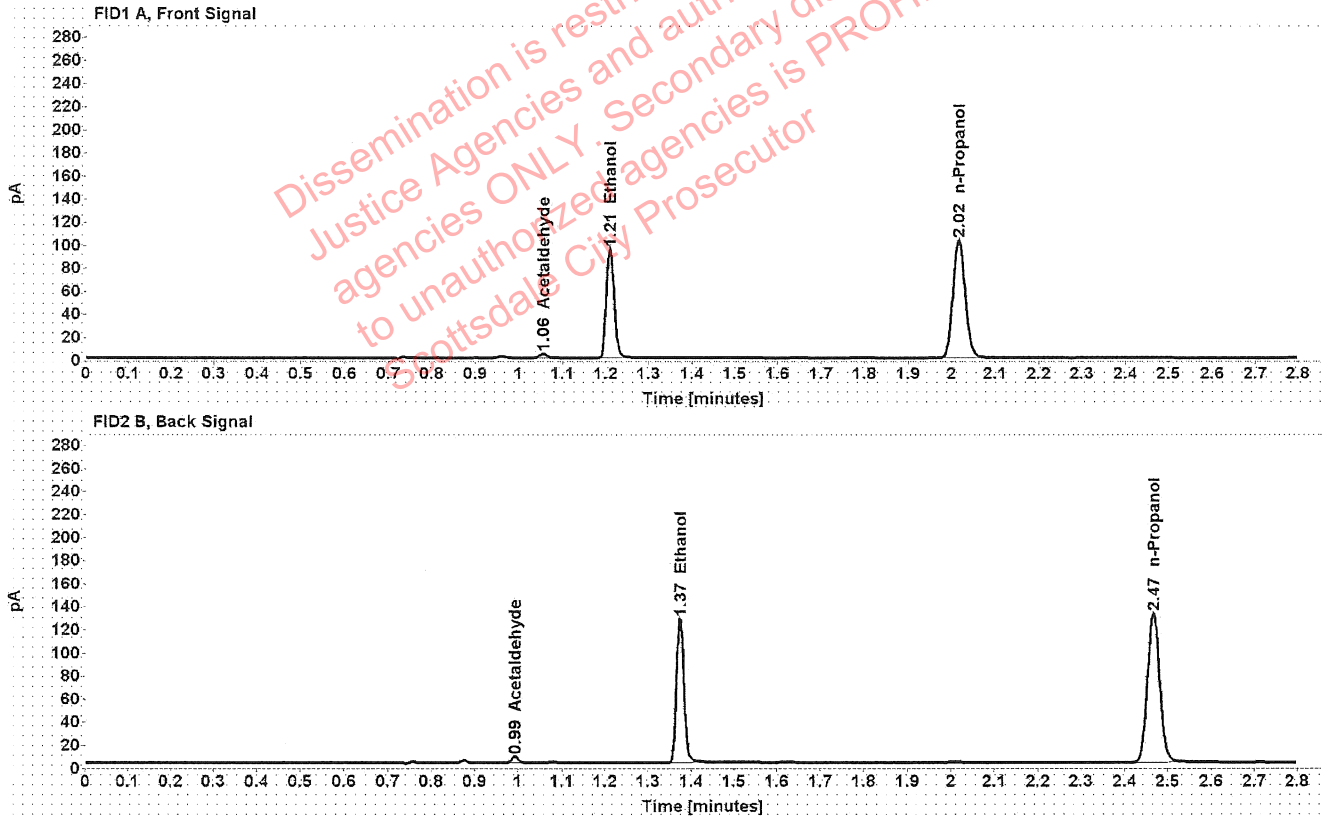


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.971
>Ethanol	0.1887	1.210	120.820
n-Propanol	-----	2.016	204.497

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.993	5.208
Ethanol	1.374	153.241
n-Propanol	2.467	259.918

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408624	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:37:24 PM
Data file:	C:\Chem32\1\Data\15Feb22\27.D	Analyst:	Abbott

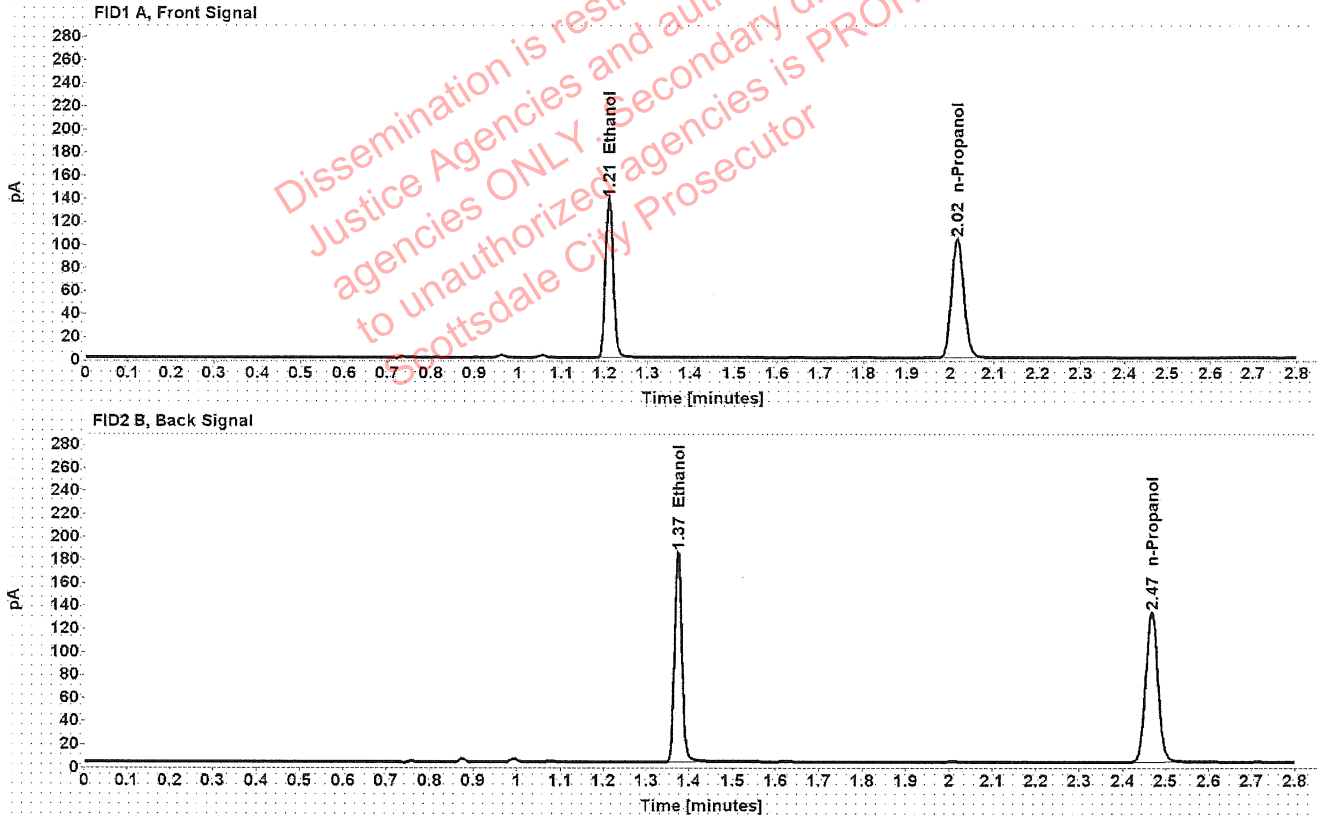


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2717	1.210	175.188
n-Propanol	-----	2.016	205.605

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

Compound	Time (min)	Peak Area
Ethanol	1.374	222.888
n-Propanol	2.467	260.722

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408624	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:41:24 PM
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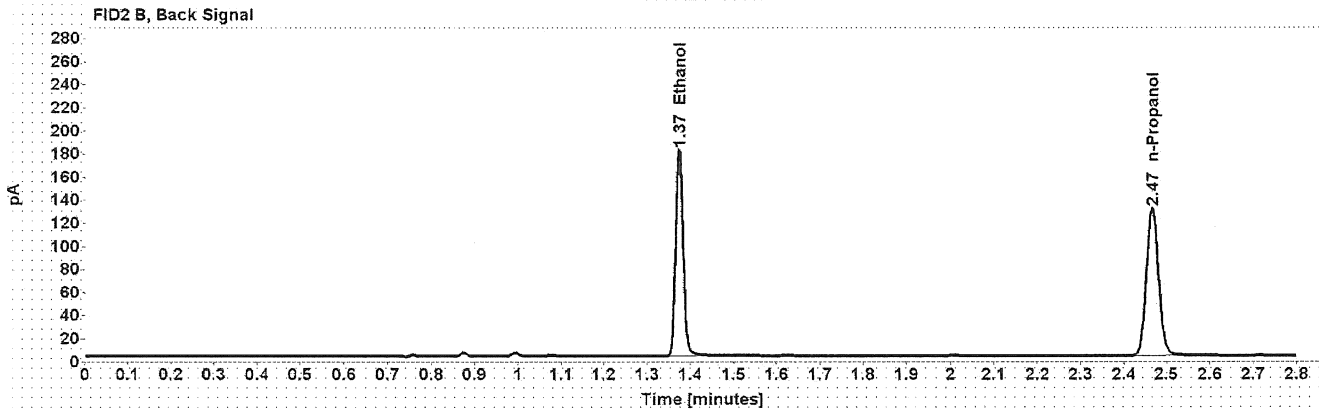
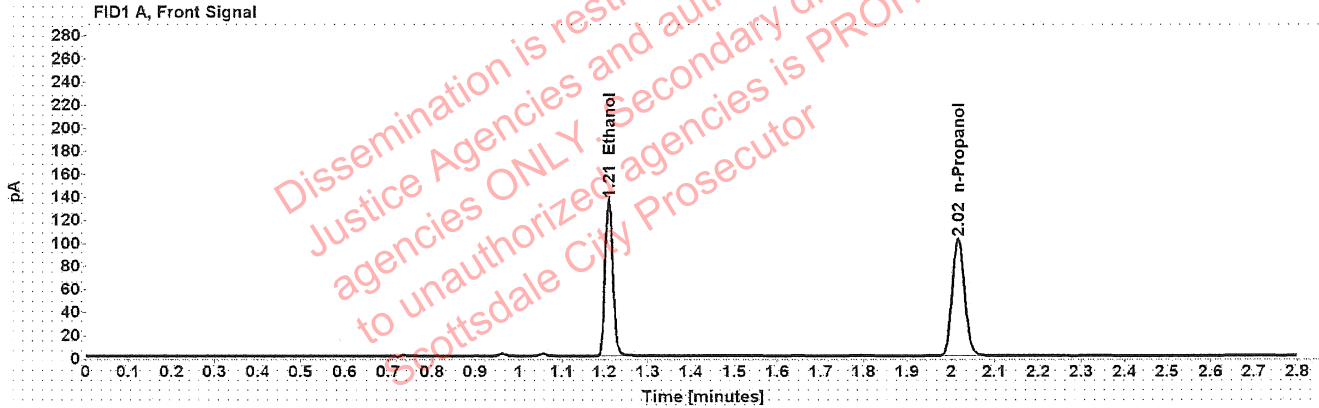


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2710	1.210	172.069
n-Propanol	-----	2.016	202.457

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

Compound	Time (min)	Peak Area
Ethanol	1.374	218.822
n-Propanol	2.467	256.551

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408791	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:45:24 PM
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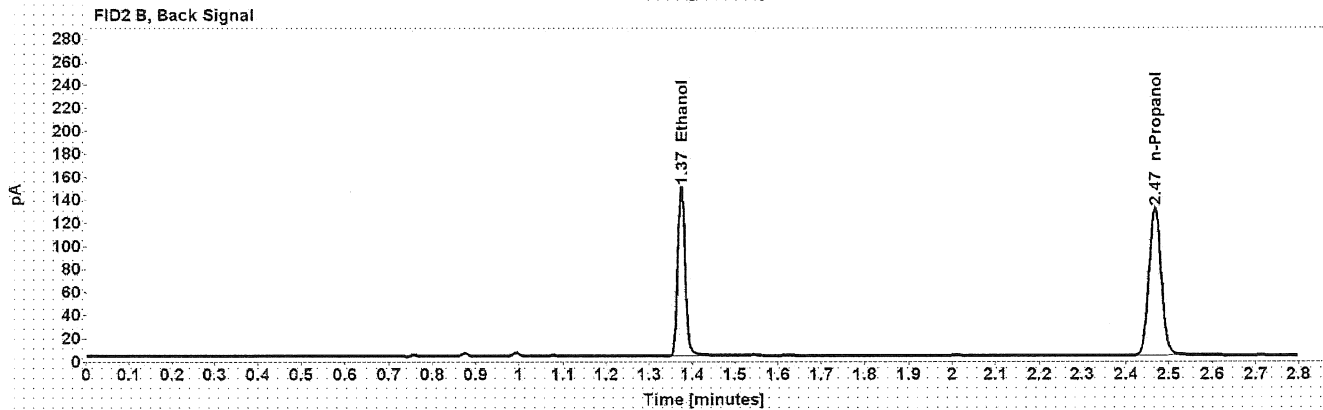
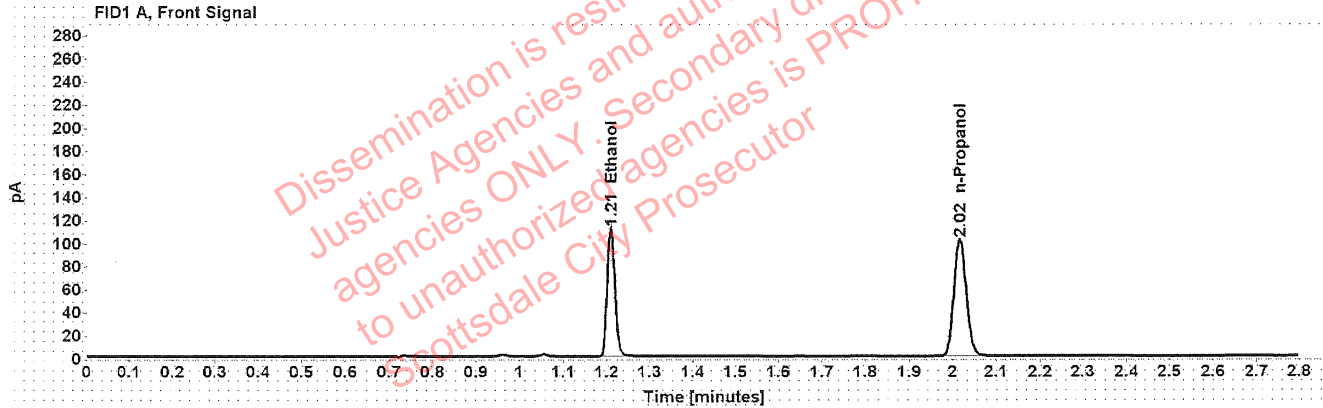


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2228	1.210	141.234
n-Propanol	-----	2.016	202.251

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

Compound	Time (min)	Peak Area
Ethanol	1.374	179.790
n-Propanol	2.467	256.664

[REDACTED] : Abbott, Lori - (15-Feb-2022)

Case: [REDACTED] User: LAbbott 2/15/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408791	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:49:24 PM
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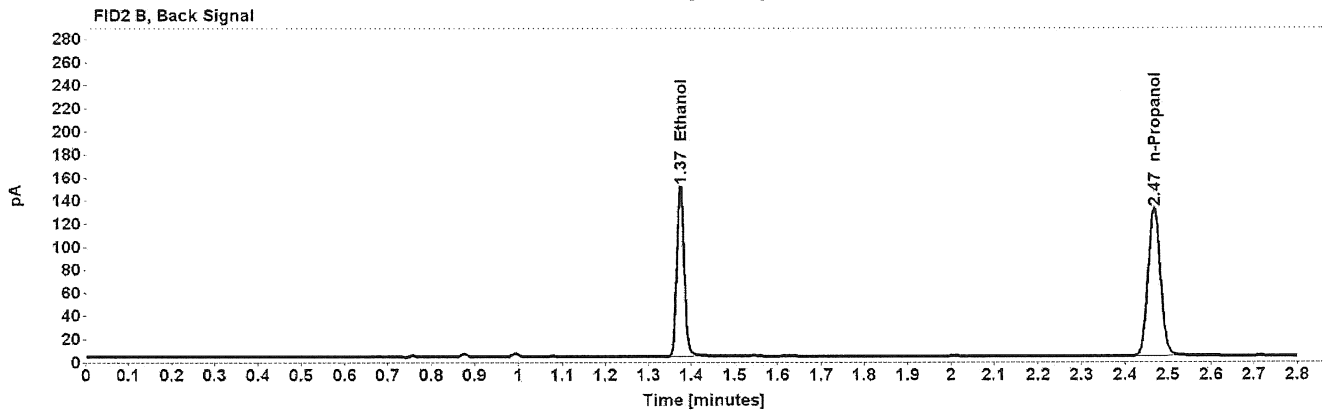
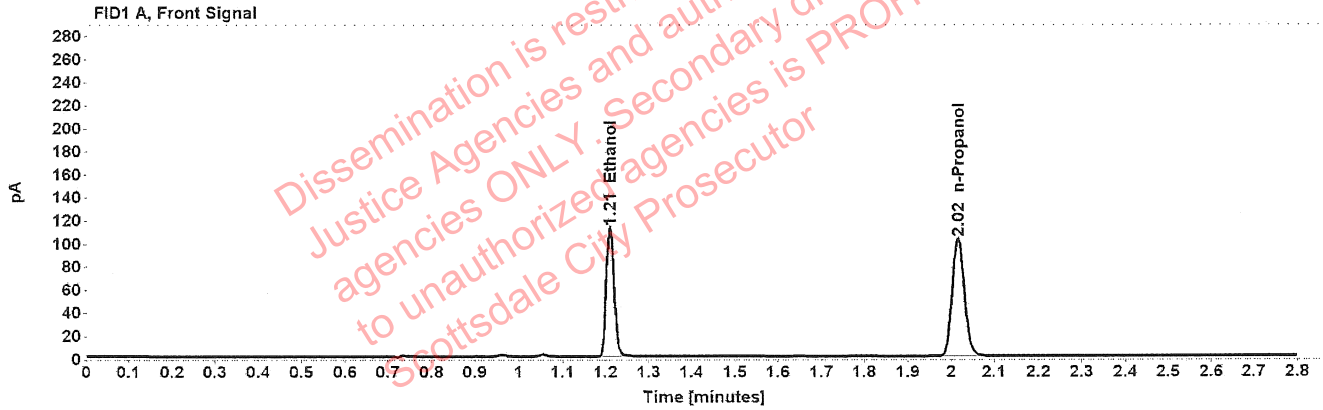


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2233	1.210	142.075
n-Propanol	-----	2.016	203.081

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

Compound	Time (min)	Peak Area
Ethanol	1.374	180.387
n-Propanol	2.467	257.715

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408848	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 1:57:39 PM
Data file:	C:\Chem32\1\Data\15Feb22\32.D	Analyst:	Abbott

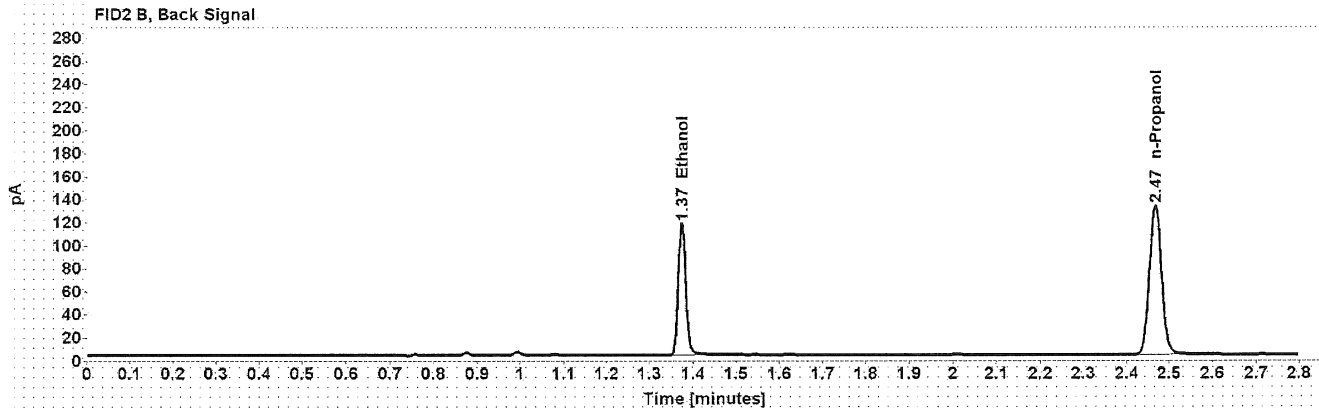
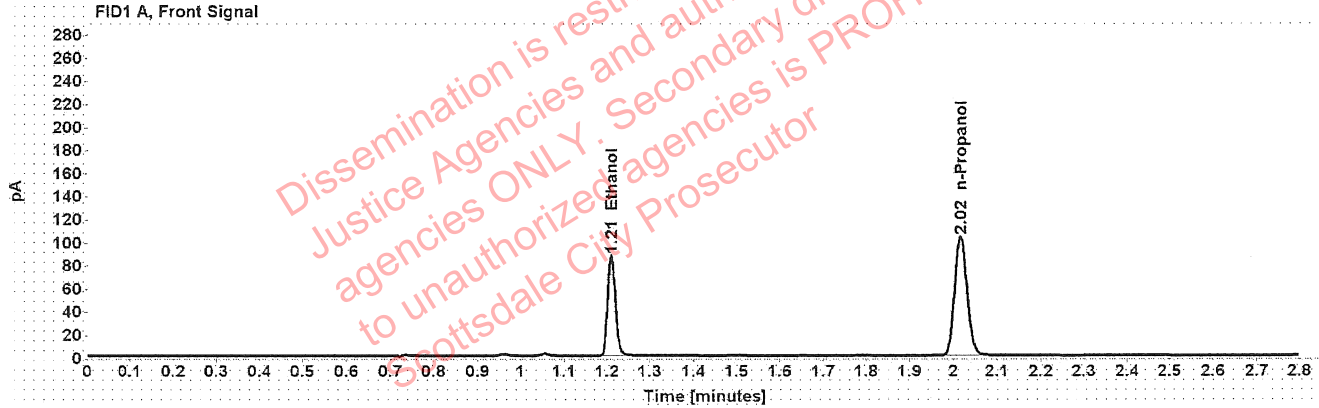


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1721	1.210	110.470
n-Propanol	-----	2.016	205.152

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

Compound	Time (min)	Peak Area
Ethanol	1.374	140.002
n-Propanol	2.467	260.490

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408848	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 2:01:39 PM
Data file:	C:\Chem32\1\Data\15Feb22\33.D	Analyst:	Abbott

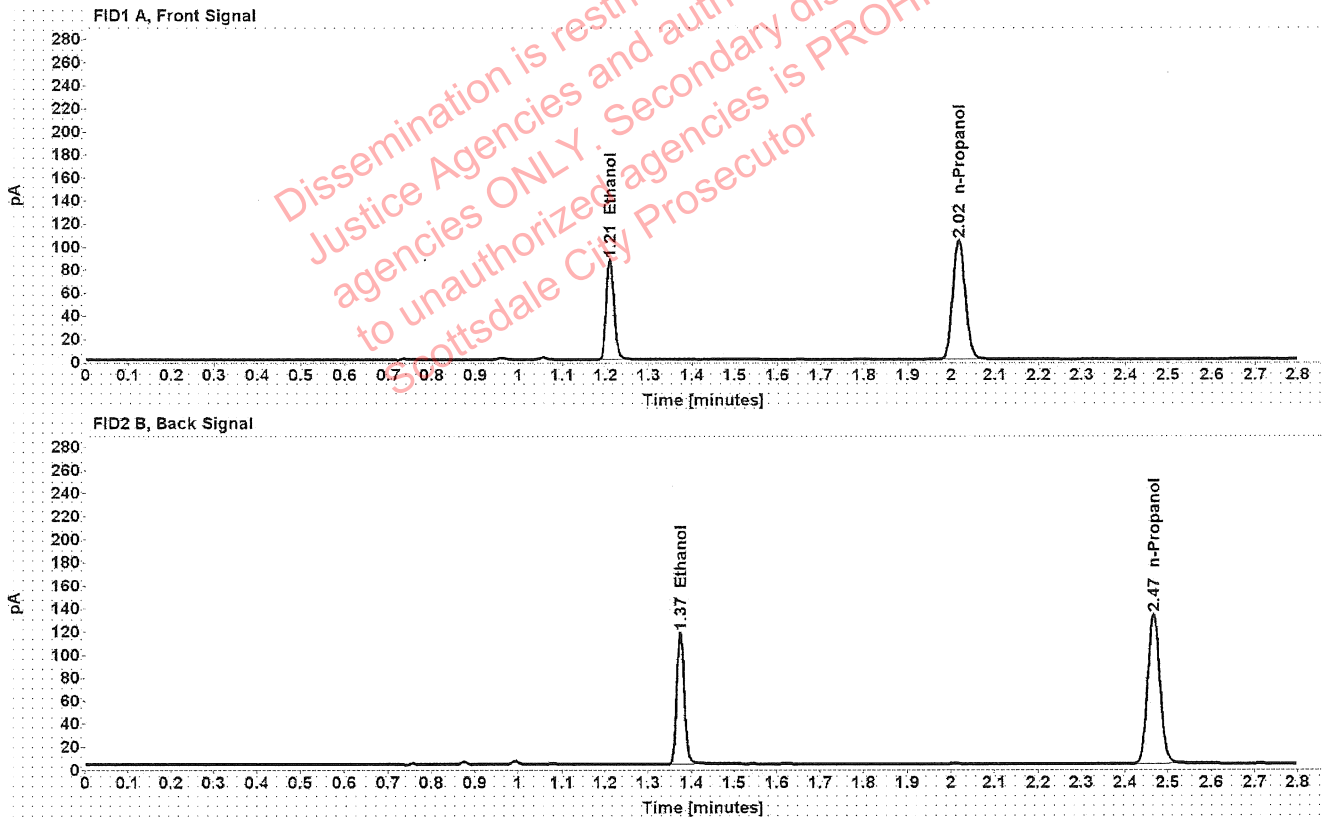


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1715	1.210	110.517
n-Propanol	-----	2.016	205.927

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

Compound	Time (min)	Peak Area
Ethanol	1.374	140.171
n-Propanol	2.467	261.521

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1409018	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 2:05:40 PM
Data file:	C:\Chem32\1\Data\15Feb22\34.D	Analyst:	Abbott

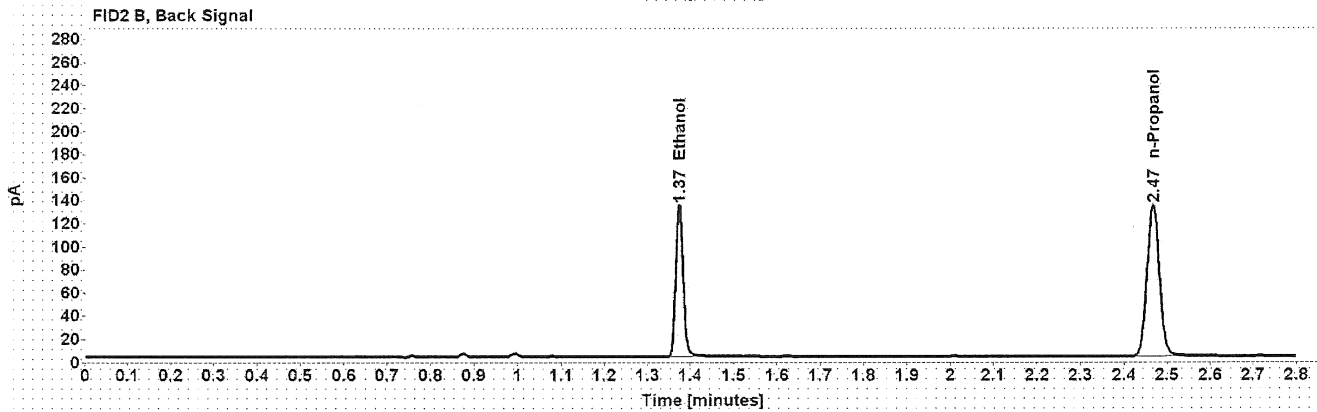
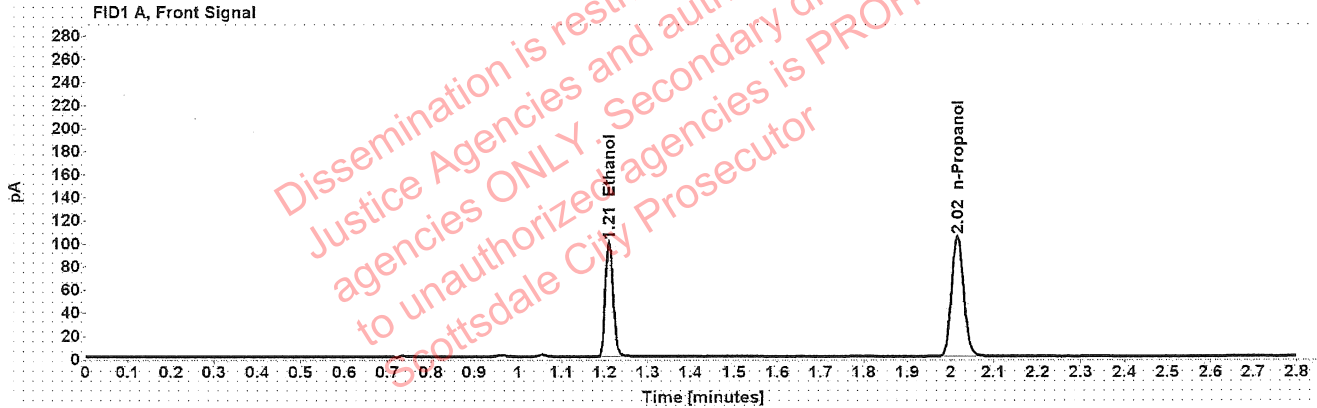


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1956	1.210	126.471
n-Propanol	-----	2.016	206.509

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

Compound	Time (min)	Peak Area
Ethanol	1.374	160.534
n-Propanol	2.467	262.154

[REDACTED] : Abbott, Lori - (15-Feb-2022)

Case: [REDACTED] User: LAbbott 2/15/2022

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1409018	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 2:09:39 PM
Data file:	C:\Chem32\1\Data\15Feb22\35.D	Analyst:	Abbott

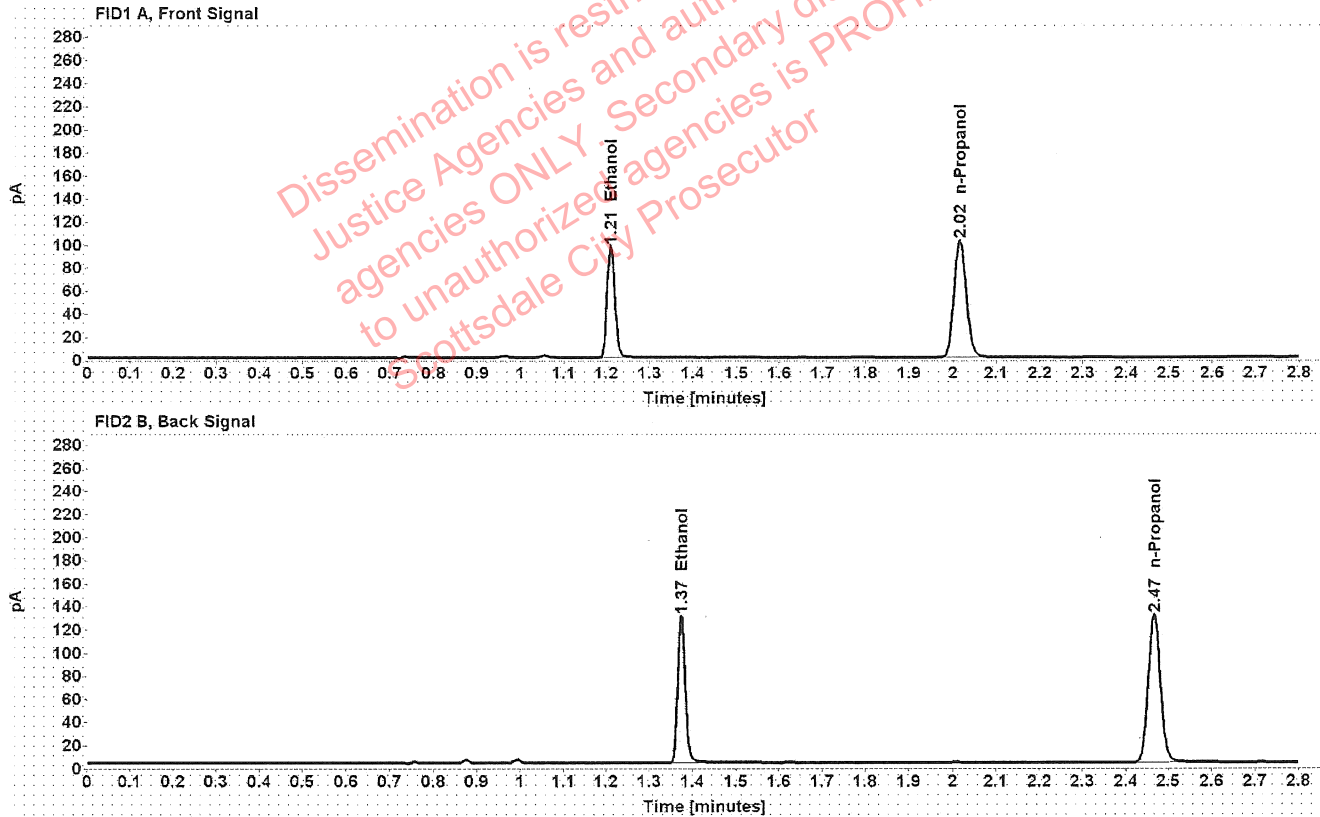


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1934	1.210	122.700
n-Propanol	-----	2.016	202.579

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

Compound	Time (min)	Peak Area
Ethanol	1.374	156.196
n-Propanol	2.467	257.210

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408784	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 2:13:40 PM
Data file:	C:\Chem32\1\Data\15Feb22\36.D	Analyst:	Abbott

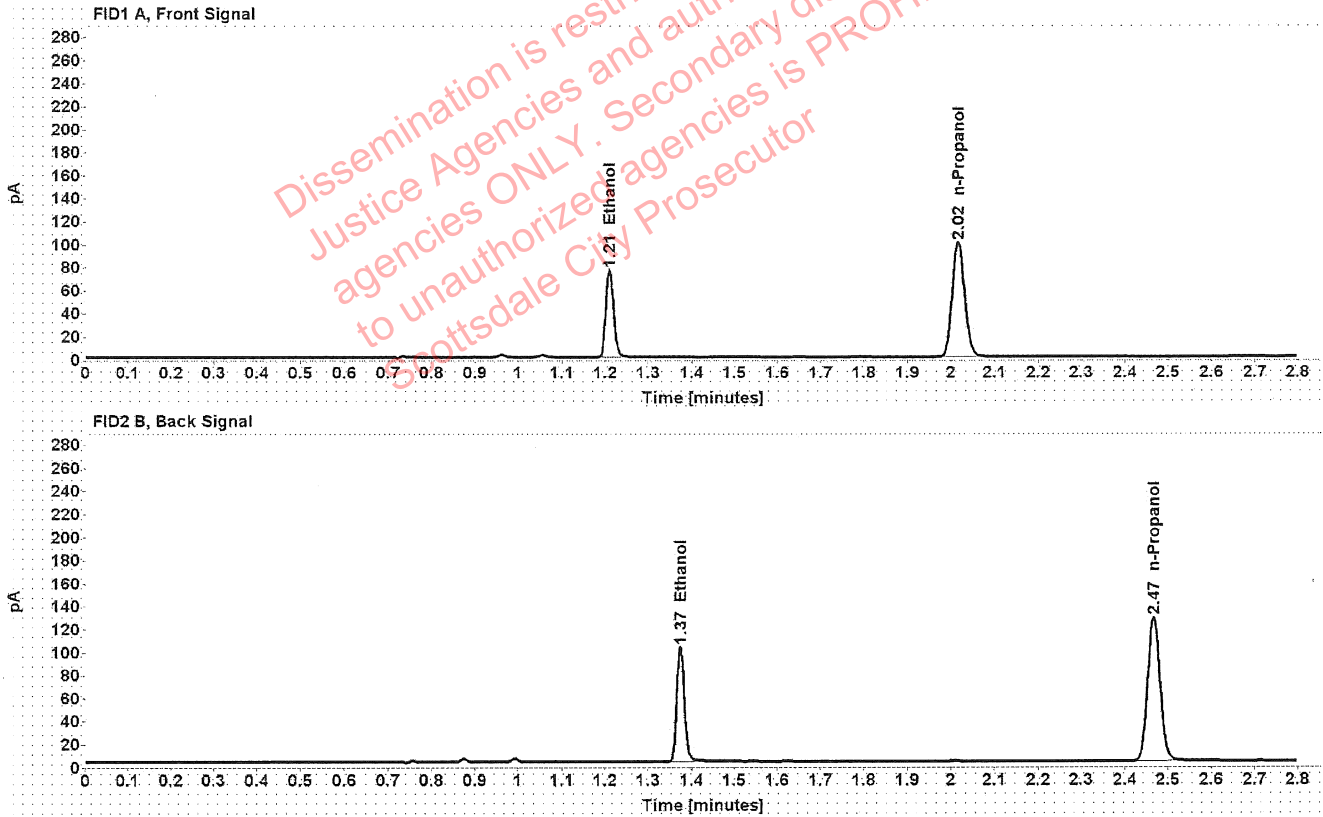


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1559	1.210	96.840
n-Propanol	-----	2.016	198.694

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

Compound	Time (min)	Peak Area
Ethanol	1.374	122.830
n-Propanol	2.467	251.909

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408784	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 2:17:55 PM
Data file:	C:\Chem32\1\Data\15Feb22\37.D	Analyst:	Abbott

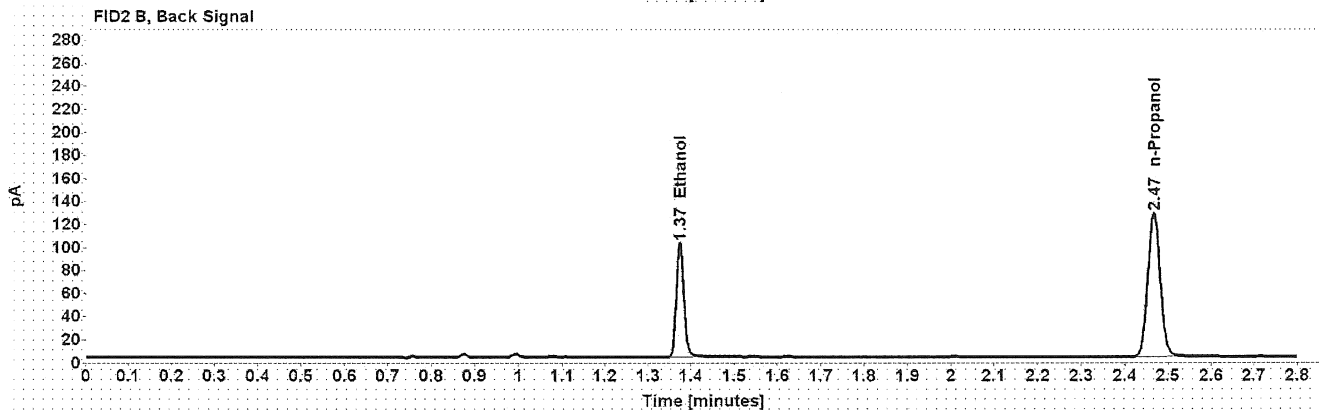
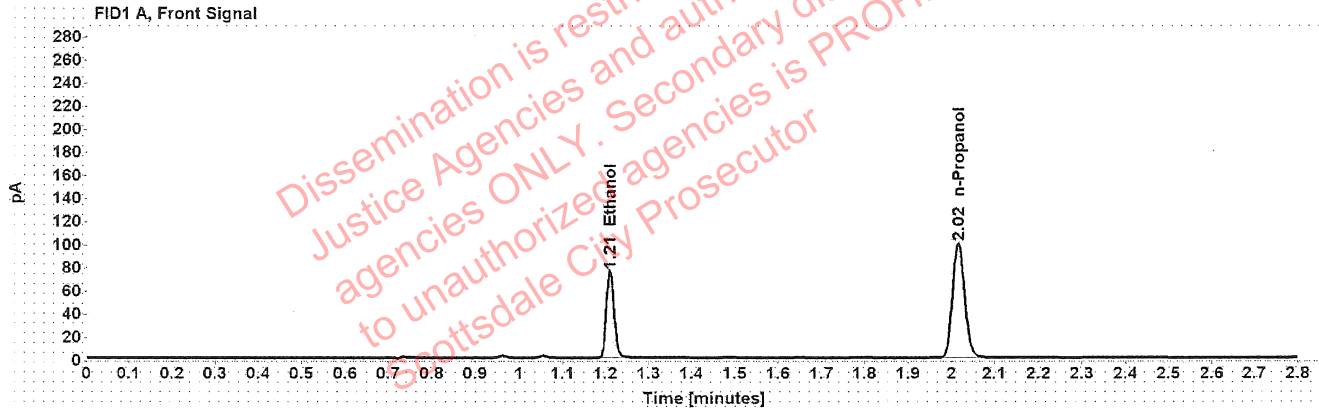


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1552	1.210	95.754
n-Propanol	-----	2.016	197.334

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

Compound	Time (min)	Peak Area
Ethanol	1.374	121.326
n-Propanol	2.467	249.884

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408868	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 2:21:56 PM
Data file:	C:\Chem32\1\Data\15Feb22\38.D	Analyst:	Abbott

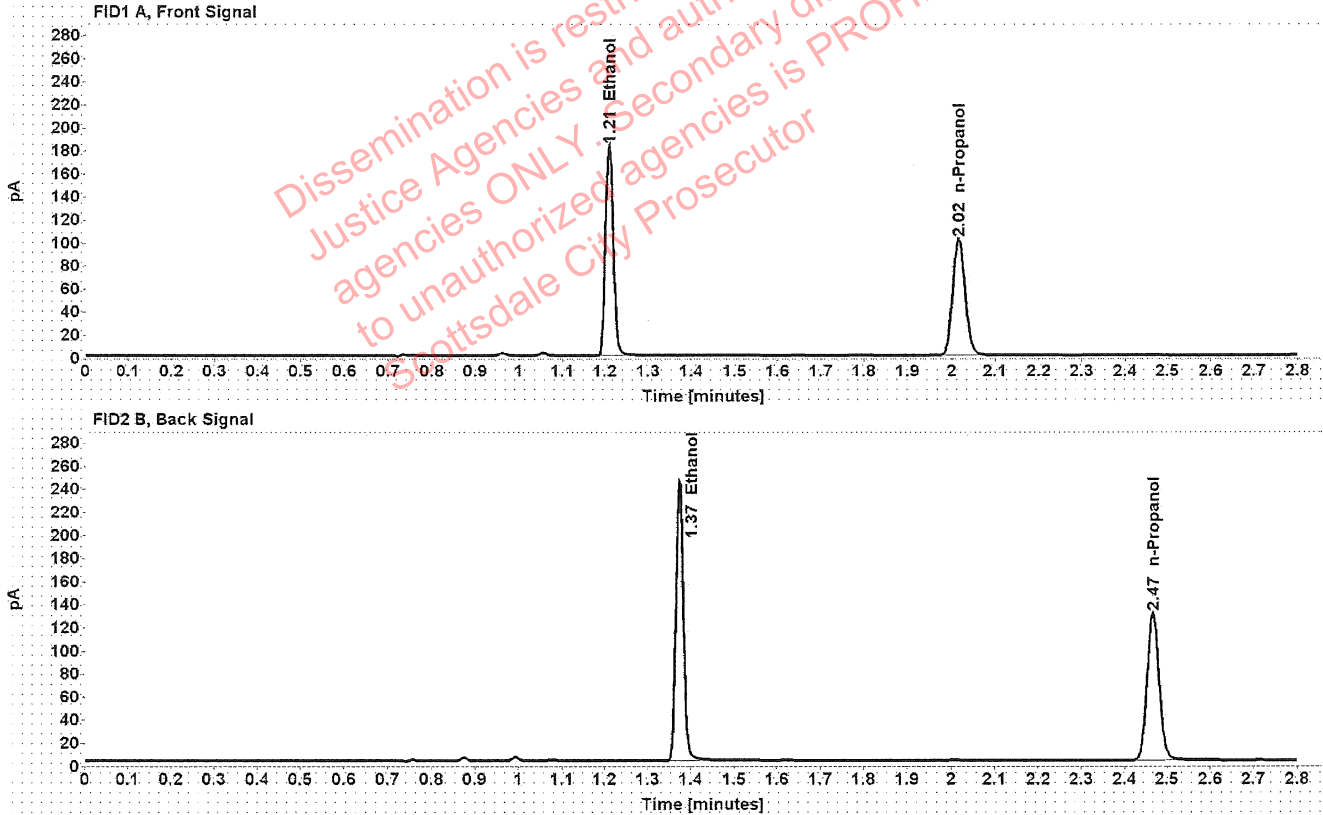


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3660	1.210	232.029
n-Propanol	-----	2.016	201.916

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

Compound	Time (min)	Peak Area
Ethanol	1.374	295.320
n-Propanol	2.467	255.870

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1408868	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	15Feb22
Instrument:	US14173023 CN14160045	Injection date:	2/15/2022 2:25:54 PM
Data file:	C:\Chem32\1\Data\15Feb22\39.D	Analyst:	Abbott

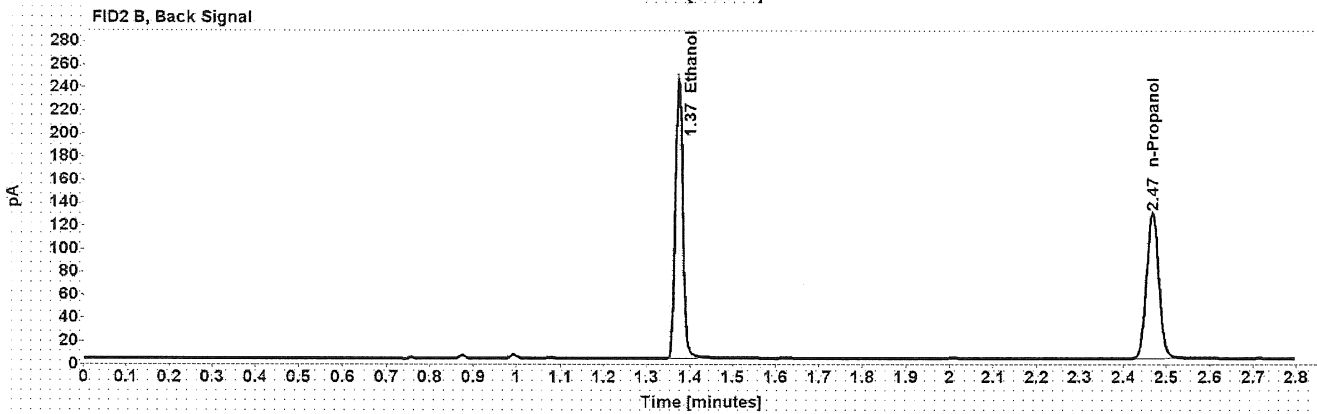
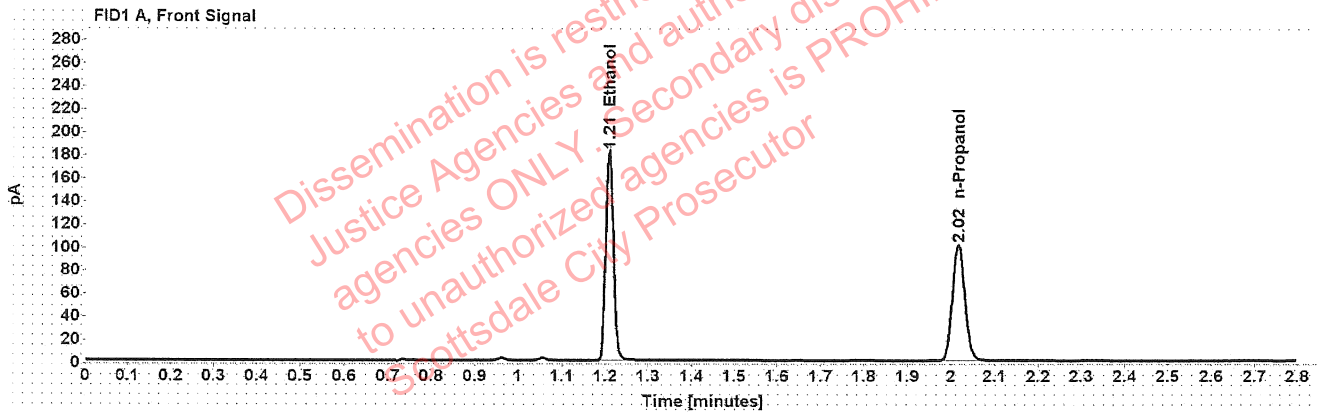


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3668	1.210	230.981
n-Propanol	-----	2.016	200.557

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

Compound	Time (min)	Peak Area
Ethanol	1.374	294.077
n-Propanol	2.467	254.123