



Houston Forensic Science Center
Comparative and Analytical Division - Toxicology

Headspace GC Maintenance Log

Instrument: Headspace 3

Date	N ₂ Tank Pressure	H ₂ Pressure		Air Tank Pressure	He Tank Pressure	Air Control	SS	Comments	Initials
		H ₂ Water Level				Pass/Fail	Pass/Fail		
12/28/21	70 2200	70 yes	70 1000	70 1375				Changed Nitrogen tank entry added on 12/29/21. -JP 12/29/21	JP
12/30/21	70 2175	70 yes	70 900	70 1325	PASS	PASS			JP
									JP 1/4/22

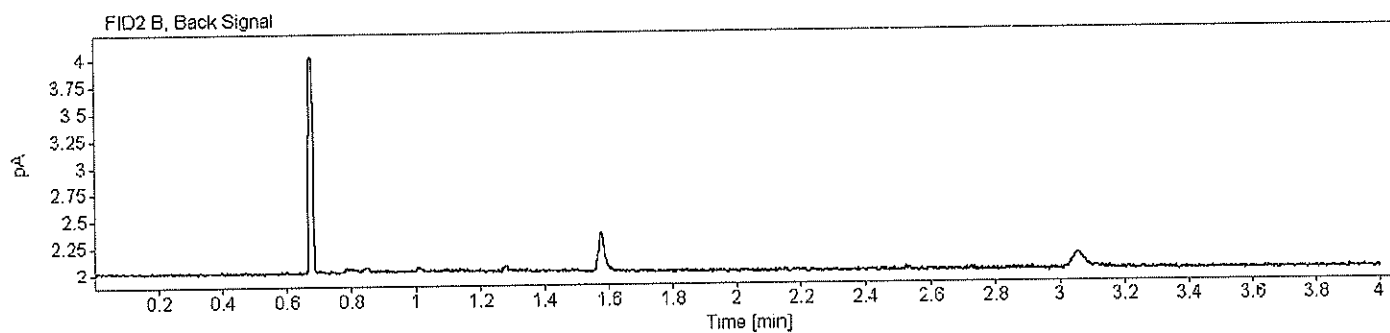
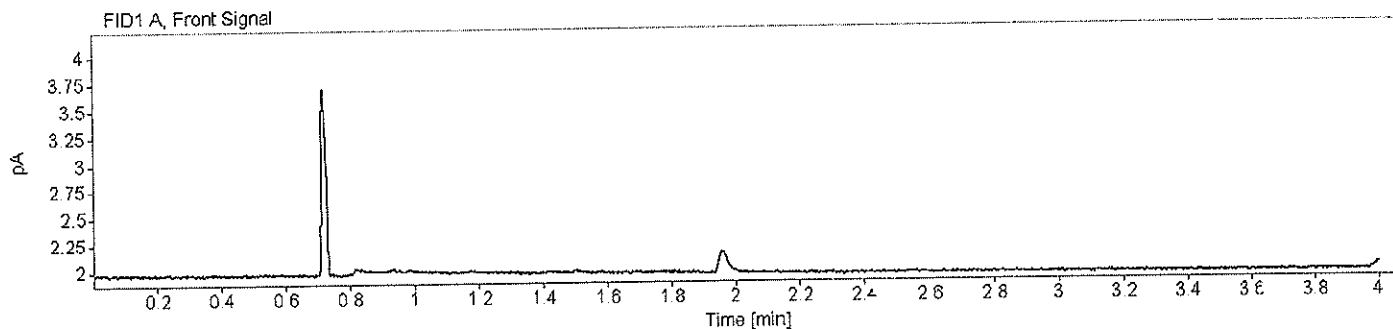
Signature: Jason Pall

Date Completed: 1/4/2022

Houston Forensic Science Center, Inc.
Comparative and Analytical Division - Toxicology
Volatiles Analysis Chromatograms



Sample Name: Air Control Description: Vial Number: 1
Instrument: Headspace 3 Acq. Method: ALC.M Injection Date: 12/30/2021 12:17:55 PM
Data file: C:\Chem32\1\Data\ALC_20211230_TEST 2021-12-30 12-08-54\001F0101.D



JP

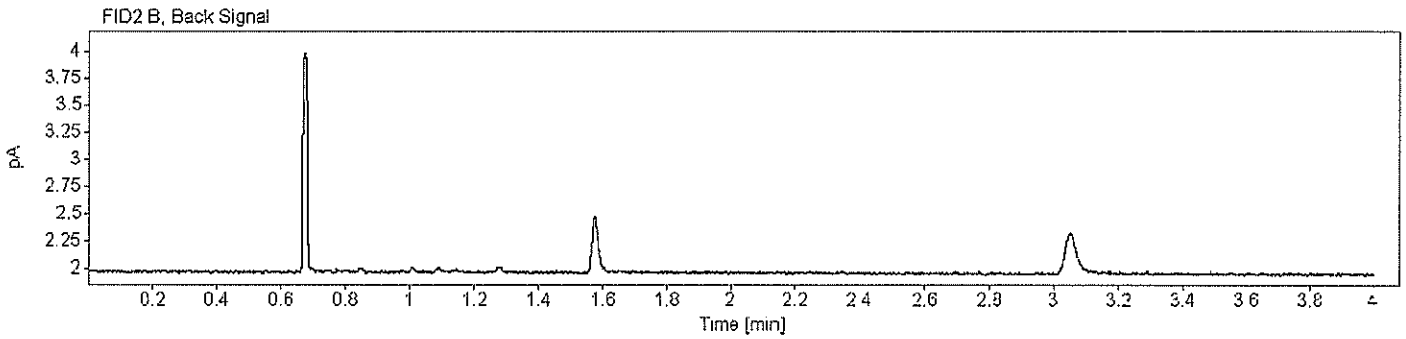
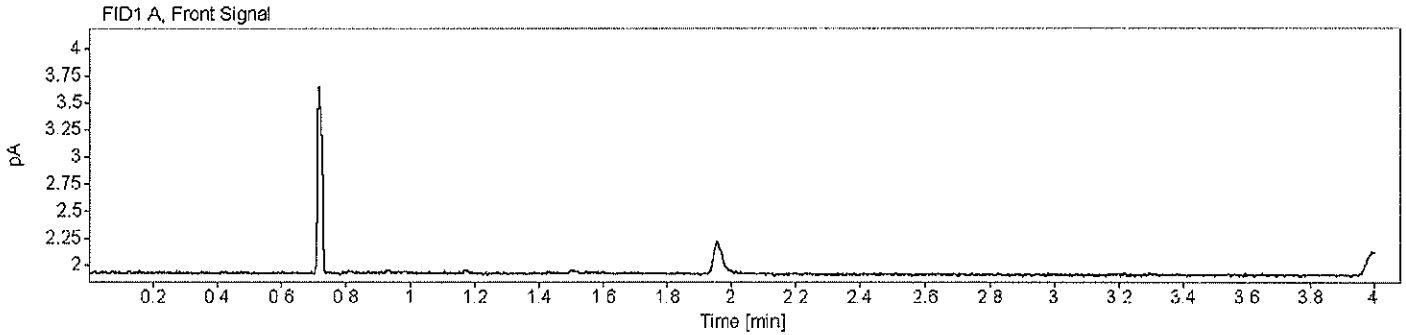
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Volatiles Analysis Chromatograms



Sample Name: Air Control Descriptor: Vial Number: 2
Instrument: Headspace 3 Acq. Method: ALC.M Injection Date: 12/30/2021 12:22:26 PM
Data file: C:\Chem32\1\Data\ALC_20211230_TEST 2021-12-30 12-08-54\0J2F0201.D

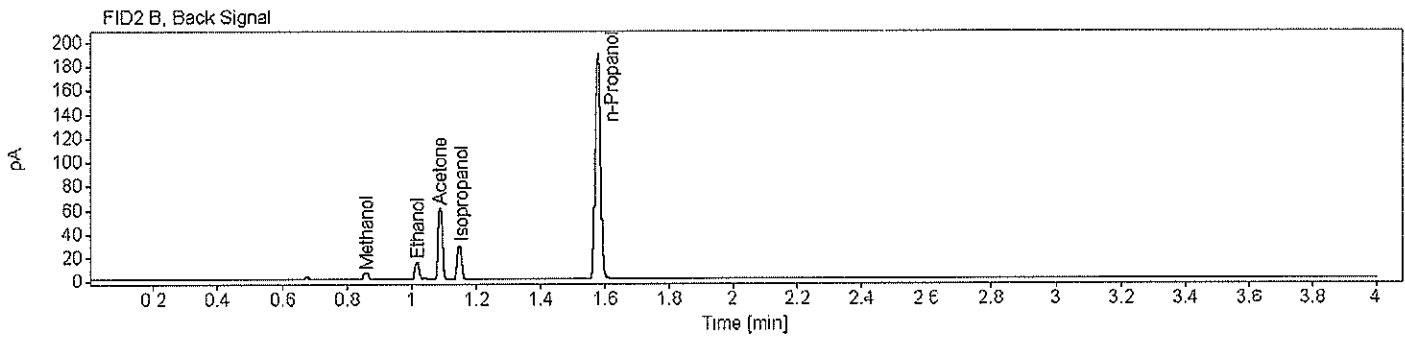
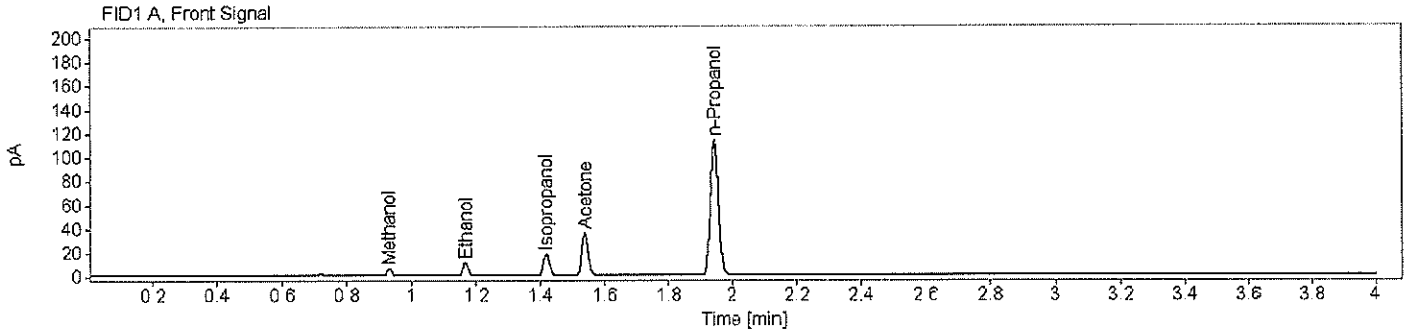


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 Volatiles Analysis Chromatograms



Sample Name: SS Description: Lot: F\02242010 Vial Number: 3
 Instrument: Headspace 3 Acq. Method: ALC.M Injection Date: 12/30/2021 12:28:19 PM
 Data file: C:\Chem32\1\Data\ALC_20211230_TEST 2021-12-30 12-08-54\003F0301.D



Name FID1A

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	0.99404		0.933	0.933	6.2293	0.0114
Ethanol	0.85377		1.168	1.167	12.6440	0.0117
Isopropanol	0.86550		1.419	1.419	24.3852	0.0101
Acetone	0.90953		1.539	1.539	49.4009	0.0109
n-Propanol	0.89188		1.943	1.943	195.7354	0.0100

Name FID2B

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.60388		0.862	0.862	7.0467	0.0113
Ethanol	0.79447		1.018	1.019	15.3568	0.0123
Acetone	0.92634		1.089	1.090	54.8698	0.0107
Isopropanol	0.90429		1.148	1.151	27.7388	0.0101
n-Propanol	0.95913		1.579	1.582	221.0204	0.0100

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