

Houston Forensic Science Center

Comparative and Analytical Division - Toxicology

Headspace GC Maintenance Log

Instrument: Headspace 3

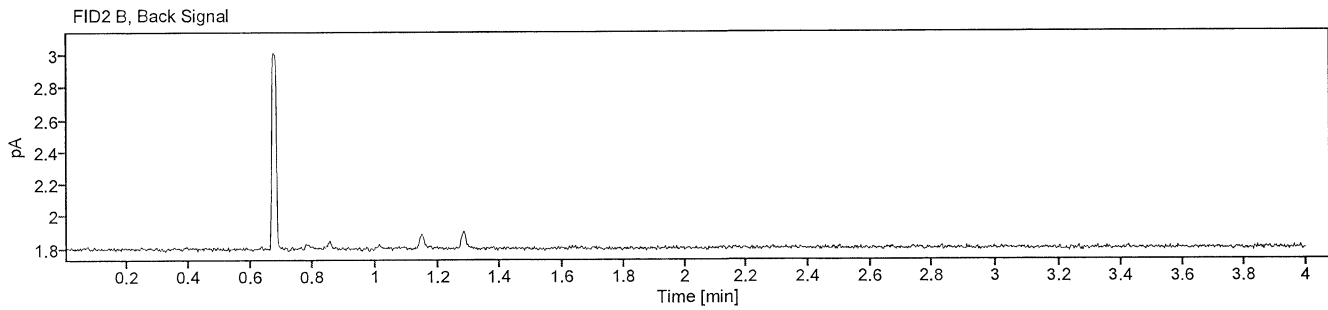
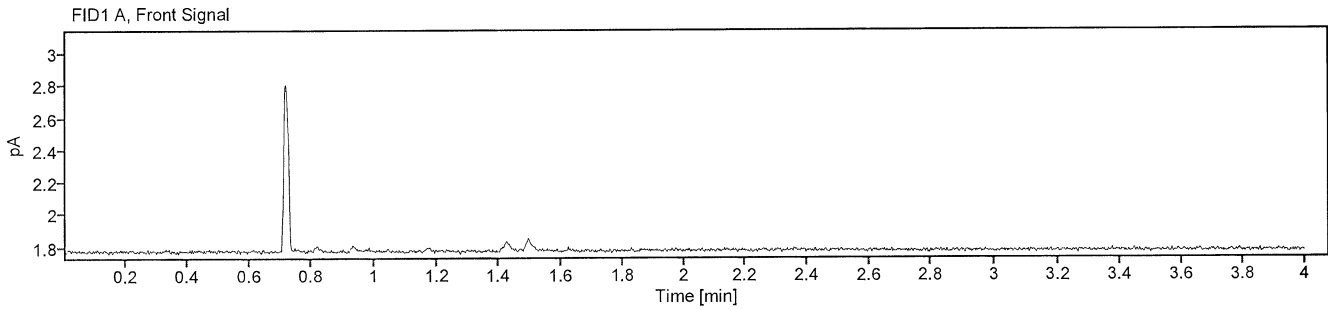
Date	N ₂ Tank Pressure	H ₂ Water Level		Air Tank Pressure	He Tank Pressure	Air Control	SS	Comments	Signature
		H ₂ Pressure	H ₂ Pressure			Pass/Fail	Pass/Fail		
4/5/21	70 1400	yes 70	70	70 600	70 2200	Pass	BAM 4/5/21	Replaced Helium tank	BAM
4/9/2021	70 1300	yes 70	70	70 300	70 2000	Pass	Pass	PM performed by FSE Dexter Hadnot. See service report.	DHR
 									
 									
 									
									EP 04/20/2021

Form Complete Date/Signature:  04/20/2021

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



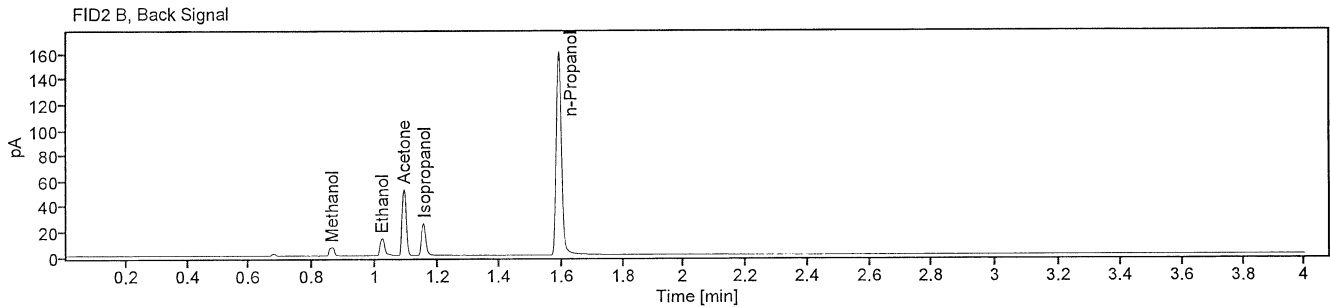
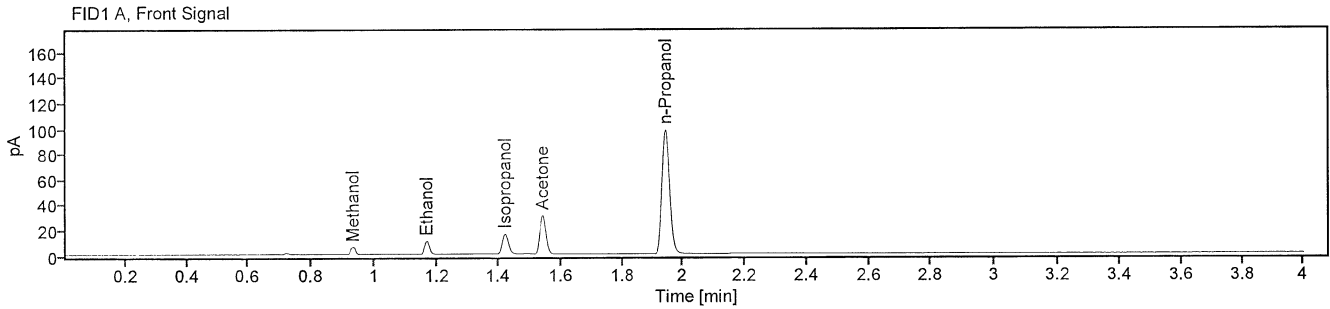
Sample Name: Air Control Description: Vial Number: 2
Instrument: Headspace 3 Acq. Method: VOLATILES.M Injection: 4/9/2021 12:39:05 PM
Data File: C:\Users\Public\Documents\ChemStation\1\Data\ALC_20210409_TEST\ALC_20210409_TEST 2021-04-09 12-25-31\002F0201.D



all



Sample Name: SS Description: Lot: FN02242010 Vial Number: 3
 Instrument: Headspace 3 Acq. Method: VOLATILES.M Injection: 4/9/2021 12:44:59 PM
 Data File: C:\Users\Public\Documents\ChemStation\1\Data\ALC_20210409_TEST\ALC_20210409_TEST 2021-04-09 12-25-31\003F0301.D



Name FID1A

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.01522		0.933	0.934	6.2465	0.0114
Ethanol	0.84233		1.169	1.169	11.9922	0.0110
Isopropanol	0.85070		1.420	1.421	21.7729	0.0102
Acetone	0.86922		1.540	1.541	42.2586	0.0096
n-Propanol	0.85755		1.944	1.946	171.2527	0.0100

Name FID2B

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.36726		0.864	0.865	7.1073	0.0115
Ethanol	0.82174	271.898382025988	1.024	1.023	13.9990	0.0114
Acetone	0.91174	1062.8270059847	1.094	1.095	47.9624	0.0097
Isopropanol	0.82588		1.156	1.157	25.2988	0.0105
n-Propanol	0.82725		1.590	1.591	193.2806	0.0100

Recovery slightly lower than last SS; will bake vial over weekend. ewc 4/9/2021
 - ewc 4/12/2021

ewc