

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG091125AL\
 Data File : FG016604.D
 Signal(s) : FID1A.ch
 Acq On : 11 Sep 2025 20:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/12/2025
 Supervised By :mohammad ahmed 09/15/2025

Integration File: autoint1.e
 Quant Time: Sep 12 02:47:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 28 12:01:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.066	2542807	19.207 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
12) S 1-chlorooctadecane (S...	13.511	1922923	19.103 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
Target Compounds			
1) T n-Nonane (C9)	3.384	2276661	20.124 ug/ml
2) T n-Decane (C10)	4.646	2325412	20.202 ug/ml
3) T A~Naphthalene (C11.7)	6.366	2460401	19.814 ug/ml
4) T n-Dodecane (C12)	6.828	2336264	20.139 ug/ml
5) T A~2-methylnaphthalene...	7.470	2331482	19.546 ug/ml
6) T n-Tetradecane (C14)	8.669	2301417	19.946 ug/ml
7) T n-Hexadecane (C16)	10.288	2352301	19.707 ug/ml
8) T n-Octadecane (C18)	11.742	2354964	19.491 ug/ml
10) T n-Eicosane (C20)	13.061	2249229	19.281 ug/ml
11) T n-Heneicosane (C21)	13.678	2188804	19.043 ug/ml
13) T n-Docosane (C22)	14.269	2187575	19.146 ug/ml
14) T n-Tetracosane (C24)	15.381	2231810	19.621 ug/ml
15) T n-Hexacosane (C26)	16.408	2181766	19.649 ug/ml
16) T n-Octacosane (C28)	17.366	2138034	19.777 ug/mlm
17) T n-Tricontane (C30)	18.260	2246429	20.568 ug/mlm
18) T n-Dotriacontane (C32)	19.097	2200074	20.926 ug/mlm
19) T n-Tetratriacontane (C34)	19.886	2073126	21.588 ug/mlm
20) T n-Hexatriacontane (C36)	20.630	1983421	23.718 ug/ml
21) T n-Octatriacontane (C38)	21.412	1625206	21.107 ug/mlm
22) T n-Tetracontane (C40)	22.407	1543819	20.780 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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