

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062525AL\
 Data File : FC069286.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jun 2025 17:18
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2025
 Supervised By :mohammad ahmed 06/27/2025

Integration File: autoint1.e
 Quant Time: Jun 26 05:18:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.677	3639159	21.065 ug/ml
Spiked Amount 50.000		Recovery =	42.13%
12) S 1-chlorooctadecane (S...	13.112	2760807	21.133 ug/ml
Spiked Amount 50.000		Recovery =	42.27%
Target Compounds			
1) T n-Nonane (C9)	3.407	2872280	20.196 ug/ml
2) T n-Decane (C10)	4.480	2997377	20.475 ug/ml
3) T A~Naphthalene (C11.7)	6.074	3305048	20.542 ug/ml
4) T n-Dodecane (C12)	6.505	3126430	20.647 ug/ml
5) T A~2-methylnaphthalene...	7.134	3339375	21.102 ug/ml
6) T n-Tetradecane (C14)	8.304	3215017	20.741 ug/ml
7) T n-Hexadecane (C16)	9.909	3258744	19.941 ug/ml
8) T n-Octadecane (C18)	11.354	3195761	19.573 ug/ml
10) T n-Eicosane (C20)	12.666	3043168	19.937 ug/ml
11) T n-Heneicosane (C21)	13.279	2960451	20.085 ug/ml
13) T n-Docosane (C22)	13.866	2896661	20.132 ug/ml
14) T n-Tetracosane (C24)	14.971	2795423	20.267 ug/ml
15) T n-Hexacosane (C26)	15.994	2680095	20.502 ug/ml
16) T n-Octacosane (C28)	16.945	2644055	21.439 ug/ml
17) T n-Tricontane (C30)	17.836	2767737	23.281 ug/ml
18) T n-Dotriacontane (C32)	18.669	2739507	25.056 ug/ml
19) T n-Tetratriacontane (C34)	19.454	2402067	24.875 ug/ml
20) T n-Hexatriacontane (C36)	20.194	1928106	23.396 ug/ml
21) T n-Octatriacontane (C38)	20.962	1404161	18.790 ug/ml
22) T n-Tetracontane (C40)	21.926	1120559	15.824 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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