

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082825AL\
 Data File : FC069764.D
 Signal(s) : FID1A.ch
 Acq On : 28 Aug 2025 10:40
 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 08/29/2025
 Supervised By :mohammad ahmed 08/30/2025

Integration File: sample.E
 Quant Time: Aug 29 01:28:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082725.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 27 12:11:00 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)	11.659	2427642	18.747 ug/ml
Spiked Amount 50.000		Recovery =	37.49%
12) S 1-chlorooctadecane (S...	13.095	1731766	18.099 ug/ml
Spiked Amount 50.000		Recovery =	36.20%
Target Compounds			
1) T n-Nonane (C9)	3.395	2389966	19.064 ug/ml
2) T n-Decane (C10)	4.467	2426939	19.047 ug/ml
3) T A~Naphthalene (C11.7)	6.060	2545713	18.924 ug/ml
4) T n-Dodecane (C12)	6.491	2437554	19.023 ug/ml
5) T A~2-methylnaphthalene...	7.120	2407991	18.802 ug/ml
6) T n-Tetradecane (C14)	8.289	2412163	18.913 ug/ml
7) T n-Hexadecane (C16)	9.893	2432362	18.835 ug/ml
8) T n-Octadecane (C18)	11.337	2346666	18.716 ug/ml
10) T n-Eicosane (C20)	12.649	2164627	18.649 ug/ml
11) T n-Heneicosane (C21)	13.261	2078545	18.588 ug/ml
13) T n-Docosane (C22)	13.849	2020901	18.518 ug/ml
14) T n-Tetracosane (C24)	14.953	1935593	18.456 ug/ml
15) T n-Hexacosane (C26)	15.976	1847946	18.439 ug/ml
16) T n-Octacosane (C28)	16.927	1776665	18.452 ug/ml
17) T n-Tricontane (C30)	17.816	1772004	18.425 ug/ml
18) T n-Dotriacontane (C32)	18.650	1707354	18.329 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1563657	18.120 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1349187	17.685 ug/ml
21) T n-Octatriacontane (C38)	20.938	1172197	16.669 ug/ml
22) T n-Tetracontane (C40)	21.895	999321	15.043 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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