

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062625AL\
 Data File : FC069289.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jun 2025 12:27
 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 06/27/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File: sample.E
 Quant Time: Jun 27 01:16:32 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)	11.674	3290419	19.046 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
12) S 1-chlorooctadecane (S...	13.110	2504304	19.169 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
Target Compounds			
1) T n-Nonane (C9)	3.405	2896894	20.369 ug/ml
2) T n-Decane (C10)	4.478	2978762	20.347 ug/ml
3) T A~Naphthalene (C11.7)	6.073	3279660	20.384 ug/ml
4) T n-Dodecane (C12)	6.504	3068296	20.263 ug/ml
5) T A~2-methylnaphthalene...	7.132	3192509	20.174 ug/ml
6) T n-Tetradecane (C14)	8.304	3122853	20.147 ug/ml
7) T n-Hexadecane (C16)	9.908	3225740	19.739 ug/ml
8) T n-Octadecane (C18)	11.353	3183804	19.500 ug/ml
10) T n-Eicosane (C20)	12.664	2961202	19.400 ug/ml
11) T n-Heneicosane (C21)	13.277	2862995	19.424 ug/ml
13) T n-Docosane (C22)	13.864	2793753	19.417 ug/ml
14) T n-Tetracosane (C24)	14.970	2678376	19.418 ug/ml
15) T n-Hexacosane (C26)	15.991	2537027	19.408 ug/ml
16) T n-Octacosane (C28)	16.943	2389199	19.373 ug/ml
17) T n-Tricontane (C30)	17.831	2304398	19.384 ug/mlm
18) T n-Dotriacontane (C32)	18.666	2136647	19.542 ug/ml
19) T n-Tetratriacontane (C34)	19.450	1919952	19.882 ug/mlm
20) T n-Hexatriacontane (C36)	20.193	1651604	20.041 ug/mlm
21) T n-Octatriacontane (C38)	20.959	1519374	20.331 ug/ml
22) T n-Tetracontane (C40)	21.926	1472851	20.798 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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