

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052725AL\
 Data File : FC069020.D
 Signal(s) : FID1A.ch
 Acq On : 27 May 2025 23:38
 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 05/28/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File: autoint1.e
 Quant Time: May 28 10:08:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.705	2431042	19.709 ug/ml
Spiked Amount 50.000		Recovery =	39.42%
12) S 1-chlorooctadecane (S...	13.138	1777422	19.812 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
Target Compounds			
1) T n-Nonane (C9)	3.440	2175060	20.496 ug/ml
2) T n-Decane (C10)	4.515	2167572	20.467 ug/ml
3) T A~Naphthalene (C11.7)	6.111	2355304	20.368 ug/ml
4) T n-Dodecane (C12)	6.539	2120103	20.168 ug/ml
5) T A~2-methylnaphthalene...	7.169	2296488	20.257 ug/ml
6) T n-Tetradecane (C14)	8.335	2023332	19.739 ug/ml
7) T n-Hexadecane (C16)	9.938	1971400	19.429 ug/ml
8) T n-Octadecane (C18)	11.381	1938124	19.392 ug/ml
10) T n-Eicosane (C20)	12.692	1899200	19.499 ug/ml
11) T n-Heneicosane (C21)	13.304	1879234	19.524 ug/ml
13) T n-Docosane (C22)	13.891	1896857	19.911 ug/ml
14) T n-Tetracosane (C24)	14.993	1942901	20.636 ug/mlm
15) T n-Hexacosane (C26)	16.016	1963107	21.145 ug/ml
16) T n-Octacosane (C28)	16.968	1985177	21.357 ug/ml
17) T n-Tricontane (C30)	17.856	2063613	21.328 ug/ml
18) T n-Dotriacontane (C32)	18.689	2095783	21.149 ug/ml
19) T n-Tetratriacontane (C34)	19.475	1990808	20.656 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1923515	20.263 ug/ml
21) T n-Octatriacontane (C38)	20.987	1857478	20.359 ug/ml
22) T n-Tetracontane (C40)	21.962	1833860	20.784 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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