

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060425AL\
 Data File : FC069067.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jun 2025 15:07
 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 06/05/2025
 Supervised By :mohammad ahmed 06/06/2025

Integration File: autoint1.e
 Quant Time: Jun 05 08:02:35 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)	11.676	2473238	20.052 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
12) S 1-chlorooctadecane (S...	13.113	1742385	19.422 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
Target Compounds			
1) T n-Nonane (C9)	3.400	2172341	20.470 ug/ml
2) T n-Decane (C10)	4.475	2171330	20.502 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2358231	20.394 ug/ml
4) T n-Dodecane (C12)	6.504	2146591	20.420 ug/ml
5) T A~2-methylnaphthalene...	7.132	2298545	20.275 ug/ml
6) T n-Tetradecane (C14)	8.304	2067701	20.172 ug/ml
7) T n-Hexadecane (C16)	9.909	2019399	19.902 ug/ml
8) T n-Octadecane (C18)	11.355	1983901	19.850 ug/mlm
10) T n-Eicosane (C20)	12.666	1919377	19.707 ug/ml
11) T n-Heneicosane (C21)	13.280	1898645	19.726 ug/ml
13) T n-Docosane (C22)	13.868	1878876	19.722 ug/ml
14) T n-Tetracosane (C24)	14.973	1862959	19.787 ug/ml
15) T n-Hexacosane (C26)	15.996	1824946	19.657 ug/ml
16) T n-Octacosane (C28)	16.949	1811312	19.486 ug/ml
17) T n-Tricontane (C30)	17.838	1864041	19.265 ug/ml
18) T n-Dotriacontane (C32)	18.671	1889217	19.064 ug/ml
19) T n-Tetratriacontane (C34)	19.458	1804859	18.727 ug/ml
20) T n-Hexatriacontane (C36)	20.200	1753017	18.466 ug/ml
21) T n-Octatriacontane (C38)	20.968	1655853	18.149 ug/ml
22) T n-Tetracontane (C40)	21.936	1549218	17.558 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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