

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061224AL\
 Data File : FC066579.D
 Signal(s) : FID1A.ch
 Acq On : 12 Jun 2024 12:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2024
 Supervised By :Ankita Jodhani 06/13/2024

Integration File: autoint1.e
 Quant Time: Jun 13 03:51:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 2024
 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)	11.544	2889959	19.013 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	12.982	2170252	18.992 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T n-Nonane (C9)	3.302	2692792	19.240 ug/ml
2) T n-Decane (C10)	4.370	2776302	19.295 ug/ml
3) T A~Naphthalene (C11.7)	5.955	3045496	19.112 ug/ml
4) T n-Dodecane (C12)	6.390	2777785	19.291 ug/ml
5) T A~2-methylnaphthalene...	7.011	2920283	19.041 ug/ml
6) T n-Tetradecane (C14)	8.186	2726709	19.315 ug/ml
7) T n-Hexadecane (C16)	9.787	2787485	19.396 ug/ml
8) T n-Octadecane (C18)	11.230	2762474	19.304 ug/ml
10) T n-Eicosane (C20)	12.539	2626938	19.307 ug/ml
11) T n-Heneicosane (C21)	13.150	2565255	19.244 ug/ml
13) T n-Docosane (C22)	13.736	2552732	19.368 ug/ml
14) T n-Tetracosane (C24)	14.839	2529109	19.428 ug/ml
15) T n-Hexacosane (C26)	15.860	2480098	19.501 ug/ml
16) T n-Octacosane (C28)	16.810	2496377	20.108 ug/ml
17) T n-Tricontane (C30)	17.697	2653902	21.058 ug/ml
18) T n-Dotriacontane (C32)	18.530	2653090	21.556 ug/ml
19) T n-Tetratriacontane (C34)	19.313	2500473	20.850 ug/ml
20) T n-Hexatriacontane (C36)	20.054	2362778	19.502 ug/mlm
21) T n-Octatriacontane (C38)	20.787	2222515	19.212 ug/ml
22) T n-Tetracontane (C40)	21.693	2087307	17.040 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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