

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062023AL\
 Data File : FC063916.D
 Signal(s) : FID1A.ch
 Acq On : 20 Jun 2023 15:52
 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 06/21/2023
 Supervised By :Ankita Jodhani 06/21/2023

Integration File: autoint1.e
 Quant Time: Jun 21 02:32:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 2023
 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)	11.523	3494518	19.150 ug/ml
Spiked Amount 50.000		Recovery =	38.30%
12) S 1-chlorooctadecane (S...	12.958	2499647	19.563 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
Target Compounds			
1) T n-Nonane (C9)	3.309	3227542	20.250 ug/ml
2) T n-Decane (C10)	4.371	3278576	20.282 ug/ml
3) T A~Naphthalene (C11.7)	5.951	3370308	19.400 ug/ml
4) T n-Dodecane (C12)	6.384	3248480	19.867 ug/ml
5) T A~2-methylnaphthalene...	7.006	3181332	19.419 ug/ml
6) T n-Tetradecane (C14)	8.175	3104934	19.743 ug/ml
7) T n-Hexadecane (C16)	9.772	3104802	19.510 ug/ml
8) T n-Octadecane (C18)	11.210	3093286	19.550 ug/ml
10) T n-Eicosane (C20)	12.516	2915168	19.711 ug/ml
11) T n-Heneicosane (C21)	13.126	2839773	19.728 ug/ml
13) T n-Docosane (C22)	13.712	2794698	19.838 ug/ml
14) T n-Tetracosane (C24)	14.810	2748918	20.033 ug/ml
15) T n-Hexacosane (C26)	15.828	2694894	20.324 ug/ml
16) T n-Octacosane (C28)	16.775	2658200	20.934 ug/ml
17) T n-Tricontane (C30)	17.659	2781582	21.771 ug/ml
18) T n-Dotriacontane (C32)	18.488	2796232	22.472 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2739364	22.217 ug/ml
20) T n-Hexatriacontane (C36)	20.005	2649601	22.076 ug/mlm
21) T n-Octatriacontane (C38)	20.729	2659822	22.031 ug/ml
22) T n-Tetracontane (C40)	21.618	2602963	21.482 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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