

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062023AL\
 Data File : FC063933.D
 Signal(s) : FID1A.ch
 Acq On : 21 Jun 2023 04:03
 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 04:32:24 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	3430799	18.800 ug/ml
Spiked Amount 50.000		Recovery =	37.60%
12) S 1-chlorooctadecane (S...	12.958	2465389	19.295 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
Target Compounds			
1) T n-Nonane (C9)	3.304	3160869	19.832 ug/ml
2) T n-Decane (C10)	4.367	3218609	19.911 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3336381	19.205 ug/ml
4) T n-Dodecane (C12)	6.382	3185706	19.483 ug/ml
5) T A~2-methylnaphthalene...	7.005	3167502	19.335 ug/ml
6) T n-Tetradecane (C14)	8.174	3061988	19.469 ug/ml
7) T n-Hexadecane (C16)	9.772	3072833	19.309 ug/ml
8) T n-Octadecane (C18)	11.210	3045571	19.248 ug/ml
10) T n-Eicosane (C20)	12.515	2870467	19.409 ug/ml
11) T n-Heneicosane (C21)	13.126	2792839	19.402 ug/ml
13) T n-Docosane (C22)	13.711	2753156	19.544 ug/ml
14) T n-Tetracosane (C24)	14.810	2708342	19.737 ug/ml
15) T n-Hexacosane (C26)	15.828	2657825	20.045 ug/ml
16) T n-Octacosane (C28)	16.774	2640237	20.793 ug/ml
17) T n-Tricontane (C30)	17.658	2778195	21.745 ug/ml
18) T n-Dotriacontane (C32)	18.488	2805421	22.546 ug/ml
19) T n-Tetratriacontane (C34)	19.270	2750921	22.311 ug/ml
20) T n-Hexatriacontane (C36)	20.006	2658153	22.147 ug/mlm
21) T n-Octatriacontane (C38)	20.728	2629465	21.779 ug/mlm
22) T n-Tetracontane (C40)	21.619	2606514	21.511 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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