

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112023AL\
 Data File : FC065254.D
 Signal(s) : FID1A.ch
 Acq On : 21 Nov 2023 07:27
 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 11/21/2023
 Supervised By :Ankita Jodhani 11/21/2023

Integration File: autoint1.e
 Quant Time: Nov 21 07:59:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.504	4486440	20.385 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	12.936	3230492	20.435 ug/ml
Spiked Amount 50.000		Recovery =	40.87%
Target Compounds			
1) T n-Nonane (C9)	3.306	3895272	20.603 ug/ml
2) T n-Decane (C10)	4.365	3954919	20.800 ug/ml
3) T A~Naphthalene (C11.7)	5.946	4092733	21.198 ug/ml
4) T n-Dodecane (C12)	6.375	3985706	20.633 ug/ml
5) T A~2-methylnaphthalene...	7.000	3880880	21.119 ug/ml
6) T n-Tetradecane (C14)	8.163	3887887	20.605 ug/ml
7) T n-Hexadecane (C16)	9.756	3927078	20.776 ug/ml
8) T n-Octadecane (C18)	11.191	3888322	20.603 ug/ml
10) T n-Eicosane (C20)	12.493	3680914	20.474 ug/ml
11) T n-Heneicosane (C21)	13.103	3586951	20.430 ug/ml
13) T n-Docosane (C22)	13.686	3497925	20.364 ug/ml
14) T n-Tetracosane (C24)	14.783	3354458	20.140 ug/ml
15) T n-Hexacosane (C26)	15.798	3218917	20.055 ug/ml
16) T n-Octacosane (C28)	16.742	3115087	19.905 ug/mlm
17) T n-Tricontane (C30)	17.626	3185970	20.114 ug/ml
18) T n-Dotriacontane (C32)	18.456	3181256	20.148 ug/ml
19) T n-Tetratriacontane (C34)	19.236	3106078	20.349 ug/ml
20) T n-Hexatriacontane (C36)	19.972	3035940	20.121 ug/mlm
21) T n-Octatriacontane (C38)	20.692	2955440	19.860 ug/ml
22) T n-Tetracontane (C40)	21.565	2884719	19.613 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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