

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070323AL\
 Data File : FC064046.D
 Signal(s) : FID1A.ch
 Acq On : 04 Jul 2023 00:25
 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 07/05/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e
 Quant Time: Jul 04 06:01:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 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	4011404	20.660 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
12) S 1-chlorooctadecane (S...	12.958	2898887	20.836 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
Target Compounds			
1) T n-Nonane (C9)	3.306	3587897	20.117 ug/ml
2) T n-Decane (C10)	4.368	3680059	20.337 ug/ml
3) T A~Naphthalene (C11.7)	5.949	3801223	20.379 ug/ml
4) T n-Dodecane (C12)	6.381	3671389	20.380 ug/ml
5) T A~2-methylnaphthalene...	7.004	3604434	20.481 ug/ml
6) T n-Tetradecane (C14)	8.173	3557064	20.562 ug/ml
7) T n-Hexadecane (C16)	9.770	3583910	20.631 ug/ml
8) T n-Octadecane (C18)	11.209	3583143	20.790 ug/ml
10) T n-Eicosane (C20)	12.514	3378400	20.695 ug/ml
11) T n-Heneicosane (C21)	13.125	3300554	20.600 ug/ml
13) T n-Docosane (C22)	13.709	3249211	20.678 ug/ml
14) T n-Tetracosane (C24)	14.808	3190065	20.239 ug/ml
15) T n-Hexacosane (C26)	15.826	3115558	20.621 ug/ml
16) T n-Octacosane (C28)	16.772	3071430	20.384 ug/ml
17) T n-Tricontane (C30)	17.658	3190173	20.433 ug/ml
18) T n-Dotriacontane (C32)	18.486	3194468	20.221 ug/ml
19) T n-Tetratriacontane (C34)	19.267	3137752	20.391 ug/ml
20) T n-Hexatriacontane (C36)	20.006	3036431	20.567 ug/mlm
21) T n-Octatriacontane (C38)	20.729	3016569	20.365 ug/ml
22) T n-Tetracontane (C40)	21.615	2969545	20.373 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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