

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022724AL\
 Data File : FC065903.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 2024 23:18
 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 02/28/2024
 Supervised By :Ankita Jodhani 02/28/2024

Integration File: autoint1.e
 Quant Time: Feb 28 01:11:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 Qlast Update : Thu Feb 08 13:26:08 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)	11.497	3222216	18.785 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
12) S 1-chlorooctadecane (S...	12.928	2418503	19.217 ug/ml
Spiked Amount 50.000		Recovery =	38.43%
Target Compounds			
1) T n-Nonane (C9)	3.287	2721377	18.114 ug/ml
2) T n-Decane (C10)	4.350	2826842	18.592 ug/ml
3) T A~Naphthalene (C11.7)	5.940	2969833	19.258 ug/ml
4) T n-Dodecane (C12)	6.364	2874948	18.784 ug/ml
5) T A~2-methylnaphthalene...	6.997	2743710	19.268 ug/ml
6) T n-Tetradecane (C14)	8.153	2804761	18.892 ug/ml
7) T n-Hexadecane (C16)	9.748	2909575	19.402 ug/ml
8) T n-Octadecane (C18)	11.182	2983890	19.344 ug/ml
10) T n-Eicosane (C20)	12.484	2893189	19.239 ug/ml
11) T n-Heneicosane (C21)	13.093	2865588	19.161 ug/ml
13) T n-Docosane (C22)	13.677	2873493	19.372 ug/ml
14) T n-Tetracosane (C24)	14.774	2886539	19.414 ug/ml
15) T n-Hexacosane (C26)	15.790	2891320	19.511 ug/ml
16) T n-Octacosane (C28)	16.735	2968444	20.231 ug/ml
17) T n-Tricontane (C30)	17.618	3255455	21.686 ug/ml
18) T n-Dotriacontane (C32)	18.445	3321074	22.457 ug/ml
19) T n-Tetratriacontane (C34)	19.225	3124199	21.555 ug/mlm
20) T n-Hexatriacontane (C36)	19.958	2893198	20.383 ug/mlm
21) T n-Octatriacontane (C38)	20.677	2762539	19.516 ug/ml
22) T n-Tetracontane (C40)	21.548	2646280	18.971 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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