

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022224AL\
 Data File : FC065819.D
 Signal(s) : FID1A.ch
 Acq On : 22 Feb 2024 12:12
 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 02/23/2024
 Supervised By :Ankita Jodhani 02/23/2024

Integration File: autoint1.e
 Quant Time: Feb 23 02:20:26 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)	11.500	3187795	18.584 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
12) S 1-chlorooctadecane (S...	12.931	2377329	18.890 ug/ml
Spiked Amount 50.000		Recovery =	37.78%
Target Compounds			
1) T n-Nonane (C9)	3.289	2779715	18.502 ug/ml
2) T n-Decane (C10)	4.352	2887719	18.993 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3102188	20.117 ug/ml
4) T n-Dodecane (C12)	6.366	2882511	18.834 ug/ml
5) T A~2-methylnaphthalene...	6.994	2916231	20.479 ug/ml
6) T n-Tetradecane (C14)	8.156	2814614	18.958 ug/ml
7) T n-Hexadecane (C16)	9.750	2887634	19.255 ug/ml
8) T n-Octadecane (C18)	11.186	2908857	18.858 ug/ml
10) T n-Eicosane (C20)	12.488	2804166	18.647 ug/ml
11) T n-Heneicosane (C21)	13.097	2775492	18.558 ug/ml
13) T n-Docosane (C22)	13.681	2775018	18.709 ug/ml
14) T n-Tetracosane (C24)	14.777	2823497	18.990 ug/ml
15) T n-Hexacosane (C26)	15.793	2841234	19.173 ug/ml
16) T n-Octacosane (C28)	16.738	2915642	19.871 ug/ml
17) T n-Tricontane (C30)	17.621	3162367	21.066 ug/ml
18) T n-Dotriacontane (C32)	18.451	3218290	21.762 ug/ml
19) T n-Tetratriacontane (C34)	19.231	3130727	21.600 ug/ml
20) T n-Hexatriacontane (C36)	19.967	2864313	20.179 ug/mlm
21) T n-Octatriacontane (C38)	20.685	2771901	19.582 ug/mlm
22) T n-Tetracontane (C40)	21.558	2704225	19.387 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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