

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021424AL\
 Data File : FC065748.D
 Signal(s) : FID1A.ch
 Acq On : 14 Feb 2024 10:13
 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 02/15/2024
 Supervised By :Ankita Jodhani 02/15/2024

Integration File: autoint1.e
 Quant Time: Feb 14 22:42:51 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	3367610	19.633 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
12) S 1-chlorooctadecane (S...	12.930	2494095	19.818 ug/ml
Spiked Amount 50.000		Recovery =	39.64%
Target Compounds			
1) T n-Nonane (C9)	3.291	2912950	19.389 ug/ml
2) T n-Decane (C10)	4.354	2970638	19.538 ug/ml
3) T A~Naphthalene (C11.7)	5.941	2981743	19.336 ug/ml
4) T n-Dodecane (C12)	6.367	2992901	19.555 ug/ml
5) T A~2-methylnaphthalene...	6.995	2859425	20.080 ug/ml
6) T n-Tetradecane (C14)	8.157	2943593	19.827 ug/ml
7) T n-Hexadecane (C16)	9.751	2998656	19.996 ug/ml
8) T n-Octadecane (C18)	11.186	3057688	19.823 ug/ml
10) T n-Eicosane (C20)	12.487	2980856	19.822 ug/ml
11) T n-Heneicosane (C21)	13.096	2932202	19.606 ug/ml
13) T n-Docosane (C22)	13.679	2934856	19.786 ug/ml
14) T n-Tetracosane (C24)	14.776	2962672	19.926 ug/ml
15) T n-Hexacosane (C26)	15.792	2958977	19.967 ug/ml
16) T n-Octacosane (C28)	16.737	2985481	20.347 ug/ml
17) T n-Tricontane (C30)	17.620	3130608	20.855 ug/ml
18) T n-Dotriacontane (C32)	18.448	3128290	21.153 ug/mlm
19) T n-Tetratriacontane (C34)	19.229	3021940	20.849 ug/mlm
20) T n-Hexatriacontane (C36)	19.966	2900491	20.434 ug/mlm
21) T n-Octatriacontane (C38)	20.683	2837702	20.047 ug/ml
22) T n-Tetracontane (C40)	21.555	2742656	19.662 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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