

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062723AL\
 Data File : FC064009.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2023 14:35
 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 06/28/2023
 Supervised By :Ankita Jodhani 06/28/2023

Integration File: autoint1.e
 Quant Time: Jun 28 00:48:48 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)	11.522	3549339	18.280 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
12) S 1-chlorooctadecane (S...	12.957	2546237	18.301 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
Target Compounds			
1) T n-Nonane (C9)	3.307	3257021	18.262 ug/ml
2) T n-Decane (C10)	4.369	3324018	18.369 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3392649	18.188 ug/ml
4) T n-Dodecane (C12)	6.382	3285070	18.235 ug/ml
5) T A~2-methylnaphthalene...	7.005	3203643	18.204 ug/ml
6) T n-Tetradecane (C14)	8.174	3152040	18.221 ug/ml
7) T n-Hexadecane (C16)	9.771	3168026	18.237 ug/ml
8) T n-Octadecane (C18)	11.209	3159365	18.331 ug/ml
10) T n-Eicosane (C20)	12.515	2982015	18.267 ug/ml
11) T n-Heneicosane (C21)	13.125	2903248	18.120 ug/ml
13) T n-Docosane (C22)	13.711	2852493	18.153 ug/ml
14) T n-Tetracosane (C24)	14.811	2827706	17.940 ug/ml
15) T n-Hexacosane (C26)	15.826	2780088	18.401 ug/ml
16) T n-Octacosane (C28)	16.774	2830858	18.787 ug/ml
17) T n-Tricontane (C30)	17.659	3122180	19.998 ug/ml
18) T n-Dotriacontane (C32)	18.490	3223378	20.404 ug/ml
19) T n-Tetratriacontane (C34)	19.271	3097121	20.127 ug/ml
20) T n-Hexatriacontane (C36)	20.006	2902933	19.663 ug/mlm
21) T n-Octatriacontane (C38)	20.733	2811874	18.983 ug/ml
22) T n-Tetracontane (C40)	21.620	2715956	18.633 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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