

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG080224AL\
 Data File : FG014040.D
 Signal(s) : FID1A.ch
 Acq On : 02 Aug 2024 14:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
 Quant Time: Aug 03 00:57:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 04:02:26 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)	11.840	2651201	19.530 ug/ml
Spiked Amount 50.000		Recovery =	39.06%
12) S 1-chlorooctadecane (S...	13.286	1929439	19.092 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T n-Nonane (C9)	3.217	2572200	19.737 ug/ml
2) T n-Decane (C10)	4.468	2617655	19.714 ug/ml
3) T A~Naphthalene (C11.7)	6.169	2706934	19.656 ug/ml
4) T n-Dodecane (C12)	6.639	2594512	19.573 ug/ml
5) T A~2-methylnaphthalene...	7.268	2533843	19.452 ug/ml
6) T n-Tetradecane (C14)	8.472	2537581	19.558 ug/ml
7) T n-Hexadecane (C16)	10.083	2557844	19.436 ug/ml
8) T n-Octadecane (C18)	11.529	2556994	19.503 ug/ml
10) T n-Eicosane (C20)	12.843	2417881	19.487 ug/ml
11) T n-Heneicosane (C21)	13.455	2364963	19.491 ug/ml
13) T n-Docosane (C22)	14.043	2339270	19.490 ug/ml
14) T n-Tetracosane (C24)	15.149	2322353	19.590 ug/ml
15) T n-Hexacosane (C26)	16.173	2289591	19.688 ug/ml
16) T n-Octacosane (C28)	17.126	2252347	19.767 ug/ml
17) T n-Tricontane (C30)	18.015	2288928	19.753 ug/ml
18) T n-Dotriacontane (C32)	18.850	2243039	19.585 ug/mlm
19) T n-Tetratriacontane (C34)	19.635	2154894	18.990 ug/ml
20) T n-Hexatriacontane (C36)	20.378	2005528	17.913 ug/ml
21) T n-Octatriacontane (C38)	21.111	1849551	15.983 ug/ml
22) T n-Tetracontane (C40)	22.008	1639556	14.091 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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