

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121124AL\
 Data File : FC067993.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2024 02:11
 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 12/12/2024
 Supervised By :Ankita Jodhani 12/12/2024

Integration File: autoint1.e
 Quant Time: Dec 12 03:35:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 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)	11.470	3294895	19.055 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
12) S 1-chlorooctadecane (S...	12.911	2441540	19.135 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.251	2997409	19.292 ug/ml
2) T n-Decane (C10)	4.314	3069961	19.366 ug/ml
3) T A~Naphthalene (C11.7)	5.889	3370623	19.307 ug/ml
4) T n-Dodecane (C12)	6.329	3118186	19.366 ug/ml
5) T A~2-methylnaphthalene...	6.944	3274447	19.543 ug/mlm
6) T n-Tetradecane (C14)	8.121	3085522	19.406 ug/ml
7) T n-Hexadecane (C16)	9.721	3121720	19.323 ug/ml
8) T n-Octadecane (C18)	11.161	3079638	19.183 ug/ml
10) T n-Eicosane (C20)	12.468	2885146	19.179 ug/ml
11) T n-Heneicosane (C21)	13.079	2795993	19.135 ug/ml
13) T n-Docosane (C22)	13.665	2744719	19.174 ug/ml
14) T n-Tetracosane (C24)	14.765	2688567	19.349 ug/ml
15) T n-Hexacosane (C26)	15.786	2606252	19.489 ug/ml
16) T n-Octacosane (C28)	16.735	2564885	19.774 ug/ml
17) T n-Tricontane (C30)	17.621	2646280	20.428 ug/ml
18) T n-Dotriacontane (C32)	18.453	2591411	20.918 ug/ml
19) T n-Tetratriacontane (C34)	19.236	2248664	20.602 ug/ml
20) T n-Hexatriacontane (C36)	19.973	1944054	20.548 ug/ml
21) T n-Octatriacontane (C38)	20.693	1872987	20.705 ug/ml
22) T n-Tetracontane (C40)	21.573	1789265	20.301 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

