

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091324AL\
 Data File : FC067118.D
 Signal(s) : FID1A.ch
 Acq On : 13 Sep 2024 10:12
 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 09/16/2024
 Supervised By :Ankita Jodhani 09/16/2024

Integration File: autoint1.e
 Quant Time: Sep 14 00:31:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 02:55:44 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)	11.506	2788500	20.026 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
12) S 1-chlorooctadecane (S...	12.944	1966823	20.134 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
Target Compounds			
1) T n-Nonane (C9)	3.279	2602305	19.618 ug/ml
2) T n-Decane (C10)	4.344	2651857	19.745 ug/ml
3) T A~Naphthalene (C11.7)	5.923	2793059	19.652 ug/ml
4) T n-Dodecane (C12)	6.361	2657236	19.852 ug/ml
5) T A~2-methylnaphthalene...	6.979	2636623	19.745 ug/ml
6) T n-Tetradecane (C14)	8.154	2593716	20.126 ug/ml
7) T n-Hexadecane (C16)	9.753	2621146	20.331 ug/ml
8) T n-Octadecane (C18)	11.194	2623099	20.502 ug/ml
10) T n-Eicosane (C20)	12.501	2459987	20.481 ug/ml
11) T n-Heneicosane (C21)	13.113	2394031	20.498 ug/ml
13) T n-Docosane (C22)	13.698	2353425	20.383 ug/ml
14) T n-Tetracosane (C24)	14.800	2308042	20.324 ug/ml
15) T n-Hexacosane (C26)	15.819	2233551	20.153 ug/ml
16) T n-Octacosane (C28)	16.767	2183302	20.212 ug/ml
17) T n-Tricontane (C30)	17.654	2204985	20.271 ug/ml
18) T n-Dotriacontane (C32)	18.486	2109860	20.228 ug/mlm
19) T n-Tetratriacontane (C34)	19.268	1825769	19.790 ug/ml
20) T n-Hexatriacontane (C36)	20.007	1534600	19.365 ug/ml
21) T n-Octatriacontane (C38)	20.731	1373160	18.281 ug/ml
22) T n-Tetracontane (C40)	21.620	1183602	16.941 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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