

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062824AL\
 Data File : FC066695.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2024 23:44
 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 07/01/2024
 Supervised By :Ankita Jodhani 07/01/2024

Integration File: autoint1.e
 Quant Time: Jun 29 02:19:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.533	2954795	17.131 ug/ml
Spiked Amount 50.000		Recovery =	34.26%
12) S 1-chlorooctadecane (S...	12.971	2299073	16.662 ug/ml
Spiked Amount 50.000		Recovery =	33.32%
Target Compounds			
1) T n-Nonane (C9)	3.292	2544890	17.515 ug/ml
2) T n-Decane (C10)	4.359	2724150	18.263 ug/ml
3) T A~Naphthalene (C11.7)	5.944	2972164	18.306 ug/ml
4) T n-Dodecane (C12)	6.379	2764914	18.243 ug/ml
5) T A~2-methylnaphthalene...	7.001	2884767	18.158 ug/ml
6) T n-Tetradecane (C14)	8.175	2770560	18.265 ug/ml
7) T n-Hexadecane (C16)	9.776	2919281	18.224 ug/ml
8) T n-Octadecane (C18)	11.217	2931247	17.666 ug/mlm
10) T n-Eicosane (C20)	12.528	2791328	17.170 ug/ml
11) T n-Heneicosane (C21)	13.139	2715597	16.854 ug/ml
13) T n-Docosane (C22)	13.725	2709583	16.901 ug/ml
14) T n-Tetracosane (C24)	14.828	2689308	16.945 ug/mlm
15) T n-Hexacosane (C26)	15.848	2646977	17.335 ug/ml
16) T n-Octacosane (C28)	16.799	2710048	18.787 ug/mlm
17) T n-Tricontane (C30)	17.686	2958592	21.176 ug/ml
18) T n-Dotriacontane (C32)	18.518	2987689	22.639 ug/ml
19) T n-Tetratriacontane (C34)	19.302	2768186	22.383 ug/ml
20) T n-Hexatriacontane (C36)	20.043	2476858	20.551 ug/ml
21) T n-Octatriacontane (C38)	20.773	2410776	21.083 ug/ml
22) T n-Tetracontane (C40)	21.675	2297042	20.453 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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