

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091422AL\
 Data File : FC061528.D
 Signal(s) : FID1A.ch
 Acq On : 15 Sep 2022 05:45
 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 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 15 07:52:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 31 11:58:37 2022
 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)	11.578	3074892	17.369 ug/ml
Spiked Amount 50.000		Recovery =	34.74%
12) S 1-chlorooctadecane (S...	13.017	2417008	17.258 ug/ml
Spiked Amount 50.000		Recovery =	34.52%
Target Compounds			
1) T n-Nonane (C9)	3.334	2960517	19.581 ug/ml
2) T n-Decane (C10)	4.401	2973422	19.596 ug/ml
3) T A~Naphthalene (C11.7)	5.986	3333271	19.256 ug/ml
4) T n-Dodecane (C12)	6.418	2994761	19.337 ug/ml
5) T A~2-methylnaphthalene...	7.043	3340217	18.970 ug/ml
6) T n-Tetradecane (C14)	8.216	2959044	18.918 ug/ml
7) T n-Hexadecane (C16)	9.819	2913576	18.601 ug/ml
8) T n-Octadecane (C18)	11.262	2867479	18.175 ug/ml
10) T n-Eicosane (C20)	12.572	2746358	17.666 ug/ml
11) T n-Heneicosane (C21)	13.184	2711824	17.337 ug/ml
13) T n-Docosane (C22)	13.771	2666179	17.181 ug/ml
14) T n-Tetracosane (C24)	14.873	2580254	16.679 ug/ml
15) T n-Hexacosane (C26)	15.894	2491928	16.557 ug/ml
16) T n-Octacosane (C28)	16.844	2436315	16.494 ug/ml
17) T n-Tricontane (C30)	17.732	2363168	17.110 ug/ml
18) T n-Dotriacontane (C32)	18.564	1961145	17.867 ug/mlm
19) T n-Tetratriacontane (C34)	19.347	1510231	19.566 ug/ml
20) T n-Hexatriacontane (C36)	20.086	1114044	19.732 ug/ml
21) T n-Octatriacontane (C38)	20.822	1041618	22.453 ug/mlm
22) T n-Tetracontane (C40)	21.734	966127	23.034 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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