

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091422AL\
 Data File : FC061511.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2022 15:46
 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 04:20:27 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)	11.573	3101330	17.519 ug/ml
Spiked Amount 50.000		Recovery =	35.04%
12) S 1-chlorooctadecane (S...	13.011	2441989	17.437 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
Target Compounds			
1) T n-Nonane (C9)	3.327	2944747	19.477 ug/ml
2) T n-Decane (C10)	4.396	2953742	19.466 ug/ml
3) T A~Naphthalene (C11.7)	5.981	3312245	19.135 ug/ml
4) T n-Dodecane (C12)	6.415	2977866	19.228 ug/ml
5) T A~2-methylnaphthalene...	7.038	3327942	18.900 ug/ml
6) T n-Tetradecane (C14)	8.212	2953657	18.883 ug/ml
7) T n-Hexadecane (C16)	9.815	2924134	18.669 ug/ml
8) T n-Octadecane (C18)	11.258	2891262	18.326 ug/ml
10) T n-Eicosane (C20)	12.567	2770623	17.822 ug/ml
11) T n-Heneicosane (C21)	13.179	2741431	17.526 ug/ml
13) T n-Docosane (C22)	13.765	2681008	17.277 ug/ml
14) T n-Tetracosane (C24)	14.869	2598193	16.795 ug/ml
15) T n-Hexacosane (C26)	15.889	2498034	16.598 ug/ml
16) T n-Octacosane (C28)	16.839	2445765	16.558 ug/ml
17) T n-Tricontane (C30)	17.727	2351252	17.023 ug/ml
18) T n-Dotriacontane (C32)	18.559	2005040	18.267 ug/ml
19) T n-Tetratriacontane (C34)	19.342	1446983	18.746 ug/ml
20) T n-Hexatriacontane (C36)	20.078	1114155	19.734 ug/mlm
21) T n-Octatriacontane (C38)	20.814	1062520	22.903 ug/mlm
22) T n-Tetracontane (C40)	21.725	945793	22.549 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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