

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082622AL\
 Data File : FC061322.D
 Signal(s) : FID1A.ch
 Acq On : 27 Aug 2022 00:22
 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 08/29/2022
 Supervised By :Ankita Jodhani 08/29/2022

Integration File: autoint1.e
 Quant Time: Aug 27 01:57:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 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)	11.639	2970801	16.781 ug/ml
Spiked Amount 50.000		Recovery =	33.56%
12) S 1-chlorooctadecane (S...	13.070	2364491	16.883 ug/ml
Spiked Amount 50.000		Recovery =	33.77%
Target Compounds			
1) T n-Nonane (C9)	3.407	2701781	17.870 ug/ml
2) T n-Decane (C10)	4.476	2710208	17.861 ug/ml
3) T A~Naphthalene (C11.7)	6.064	3036550	17.542 ug/ml
4) T n-Dodecane (C12)	6.491	2729869	17.627 ug/ml
5) T A~2-methylnaphthalene...	7.117	3056838	17.360 ug/ml
6) T n-Tetradecane (C14)	8.284	2731532	17.463 ug/ml
7) T n-Hexadecane (C16)	9.881	2720769	17.370 ug/ml
8) T n-Octadecane (C18)	11.319	2721166	17.248 ug/ml
10) T n-Eicosane (C20)	12.626	2659014	17.104 ug/ml
11) T n-Heneicosane (C21)	13.237	2644062	16.904 ug/ml
13) T n-Docosane (C22)	13.822	2628208	16.936 ug/ml
14) T n-Tetracosane (C24)	14.923	2631829	17.012 ug/ml
15) T n-Hexacosane (C26)	15.942	2546449	16.919 ug/ml
16) T n-Octacosane (C28)	16.889	2487215	16.839 ug/ml
17) T n-Tricontane (C30)	17.775	2408251	17.436 ug/ml
18) T n-Dotriacontane (C32)	18.606	1987924	18.111 ug/ml
19) T n-Tetratriacontane (C34)	19.386	1438717	18.639 ug/ml
20) T n-Hexatriacontane (C36)	20.125	1087465	19.261 ug/ml
21) T n-Octatriacontane (C38)	20.868	899820	19.396 ug/ml
22) T n-Tetracontane (C40)	21.798	870034	20.743 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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