

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080222AL\
 Data File : FC060964.D
 Signal(s) : FID1A.ch
 Acq On : 03 Aug 2022 01:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2022
 Supervised By :Ankita Jodhani 08/03/2022

Integration File: autoint1.e
 Quant Time: Aug 03 06:19:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.637	3364687	20.503 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
12) S 1-chlorooctadecane (S...	12.002	2677422	20.168 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	2.627	3256648	23.123 ug/ml
2) T n-Decane (C10)	3.621	3295062	23.358 ug/ml
3) T A~Naphthalene (C11.7)	5.162	3394478	23.880 ug/ml
4) T n-Dodecane (C12)	5.568	3390860	22.878 ug/ml
5) T A~2-methylnaphthalene...	6.186	3271239	23.851 ug/ml
6) T n-Tetradecane (C14)	7.319	3370503	22.450 ug/ml
7) T n-Hexadecane (C16)	8.880	3361683	21.967 ug/ml
8) T n-Octadecane (C18)	10.288	3324318	21.289 ug/ml
10) T n-Eicosane (C20)	11.565	3241916	20.658 ug/ml
11) T n-Heneicosane (C21)	12.164	3175960	20.298 ug/ml
13) T n-Docosane (C22)	12.736	3134420	20.103 ug/ml
14) T n-Tetracosane (C24)	13.812	2995433	19.620 ug/ml
15) T n-Hexacosane (C26)	14.809	2875518	19.264 ug/ml
16) T n-Octacosane (C28)	15.737	2770570	19.335 ug/ml
17) T n-Tricontane (C30)	16.603	2798574	19.990 ug/ml
18) T n-Dotriacontane (C32)	17.416	2811491	20.832 ug/ml
19) T n-Tetratriacontane (C34)	18.178	2693214	21.474 ug/ml
20) T n-Hexatriacontane (C36)	18.899	2745110	22.458 ug/mlm
21) T n-Octatriacontane (C38)	19.582	2716210	23.014 ug/mlm
22) T n-Tetracontane (C40)	20.229	2738528	23.793 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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