

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060322AL\
 Data File : FC060087.D
 Signal(s) : FID1A.CH
 Acq On : 03 Jun 2022 18:48
 Operator : UA/NP
 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 06/06/2022
 Supervised By :Ankita Jodhani 06/06/2022

Integration File: autoint1.e
 Quant Time: Jun 03 23:34:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.650	3203806	20.587 ug/ml
Spiked Amount 50.000		Recovery =	41.17%
12) S 1-chlorooctadecane (S...	12.019	2540157	20.487 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
Target Compounds			
1) T n-Nonane (C9)	2.631	2681869	20.954 ug/ml
2) T n-Decane (C10)	3.629	2677120	20.926 ug/ml
3) T A~Naphthalene (C11.7)	5.166	3061733	21.183 ug/ml
4) T n-Dodecane (C12)	5.580	2807748	21.063 ug/ml
5) T A~2-methylnaphthalene...	6.192	3167535	21.582 ug/ml
6) T n-Tetradecane (C14)	7.332	2866699	20.999 ug/ml
7) T n-Hexadecane (C16)	8.896	2939172	20.948 ug/ml
8) T n-Octadecane (C18)	10.304	2984922	20.858 ug/ml
10) T n-Eicosane (C20)	11.583	2961957	20.761 ug/ml
11) T n-Heneicosane (C21)	12.181	2935846	20.482 ug/ml
13) T n-Docosane (C22)	12.754	2917610	20.475 ug/ml
14) T n-Tetracosane (C24)	13.832	2838380	20.226 ug/ml
15) T n-Hexacosane (C26)	14.829	2711794	20.026 ug/ml
16) T n-Octacosane (C28)	15.757	2615056	20.079 ug/ml
17) T n-Tricontane (C30)	16.624	2564576	20.948 ug/ml
18) T n-Dotriacontane (C32)	17.436	2404868	21.569 ug/ml
19) T n-Tetratriacontane (C34)	18.203	2198287	21.553 ug/mlm
20) T n-Hexatriacontane (C36)	18.922	2055695	21.708 ug/mlm
21) T n-Octatriacontane (C38)	19.606	1990737	21.577 ug/mlm
22) T n-Tetracontane (C40)	20.254	2004757	21.308 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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