

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031122AL\
 Data File : FC058705.D
 Signal(s) : FID1A.CH
 Acq On : 11 Mar 2022 22:09
 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 03/14/2022
 Supervised By :Ankita Jodhani 03/14/2022

Integration File: autoint1.e
 Quant Time: Mar 12 01:50:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 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)	11.398	2702891	18.557 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
12) S 1-chlorooctadecane (S...	12.831	2072953	18.288 ug/ml
Spiked Amount 50.000		Recovery =	36.58%
Target Compounds			
1) T n-Nonane (C9)	3.253	2428373	20.194 ug/ml
2) T n-Decane (C10)	4.302	2415734	20.300 ug/ml
3) T A~Naphthalene (C11.7)	5.864	2555094	19.687 ug/ml
4) T n-Dodecane (C12)	6.295	2502972	20.346 ug/ml
5) T A~2-methylnaphthalene...	6.908	2566545	19.687 ug/ml
6) T n-Tetradecane (C14)	8.073	2516972	20.086 ug/ml
7) T n-Hexadecane (C16)	9.661	2533440	19.673 ug/ml
8) T n-Octadecane (C18)	11.091	2518206	19.136 ug/ml
10) T n-Eicosane (C20)	12.391	2462322	18.725 ug/ml
11) T n-Heneicosane (C21)	13.000	2444164	18.494 ug/ml
13) T n-Docosane (C22)	13.582	2420466	18.566 ug/ml
14) T n-Tetracosane (C24)	14.678	2351630	18.211 ug/ml
15) T n-Hexacosane (C26)	15.693	2268384	18.338 ug/mlm
16) T n-Octacosane (C28)	16.638	2233711	18.765 ug/ml
17) T n-Tricontane (C30)	17.520	2221478	19.735 ug/ml
18) T n-Dotriacontane (C32)	18.348	2163222	20.117 ug/mlm
19) T n-Tetratriacontane (C34)	19.129	2007869	20.723 ug/ml
20) T n-Hexatriacontane (C36)	19.865	2050343	22.727 ug/ml
21) T n-Octatriacontane (C38)	20.571	1950033	22.408 ug/mlm
22) T n-Tetracontane (C40)	21.398	1875926	22.354 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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