

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012722AL\
 Data File : FC058153.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2022 10:20
 Operator : AJ\MA
 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 01/28/2022
 Supervised By :Ankita Jodhani 01/28/2022

Integration File: autoint1.e
 Quant Time: Jan 28 01:01:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.696	4139756	21.409 ug/ml
Spiked Amount 50.000		Recovery =	42.82%
12) S 1-chlorooctadecane (S...	12.134	3139792	21.303 ug/ml
Spiked Amount 50.000		Recovery =	42.61%
Target Compounds			
1) T n-Nonane (C9)	2.627	3784928	23.669 ug/ml
2) T n-Decane (C10)	3.616	3892339	24.217 ug/ml
3) T A~Naphthalene (C11.7)	5.154	4324287	23.815 ug/ml
4) T n-Dodecane (C12)	5.588	3934861	24.398 ug/ml
5) T A~2-methylnaphthalene...	6.195	4337023	23.717 ug/ml
6) T n-Tetradecane (C14)	7.368	4014287	24.315 ug/ml
7) T n-Hexadecane (C16)	8.959	3974389	23.793 ug/ml
8) T n-Octadecane (C18)	10.393	3945807	22.929 ug/ml
10) T n-Eicosane (C20)	11.695	3741274	21.854 ug/ml
11) T n-Heneicosane (C21)	12.304	3698942	21.391 ug/ml
13) T n-Docosane (C22)	12.888	3612125	20.879 ug/ml
14) T n-Tetracosane (C24)	13.986	3534192	20.416 ug/ml
15) T n-Hexacosane (C26)	15.001	3427762	20.368 ug/ml
16) T n-Octacosane (C28)	15.948	3504177	21.413 ug/ml
17) T n-Tricontane (C30)	16.831	3641125	23.322 ug/ml
18) T n-Dotriacontane (C32)	17.662	3485552	25.000 ug/ml
19) T n-Tetratriacontane (C34)	18.442	3090027	24.862 ug/ml
20) T n-Hexatriacontane (C36)	19.178	2571325	23.128 ug/mlm
21) T n-Octatriacontane (C38)	19.881	2252570	21.594 ug/mlm
22) T n-Tetracontane (C40)	20.705	1936277	20.222 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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