

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057553.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 4:33
 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 12/17/2021
 Supervised By :Ankita Jodhani 12/17/2021

Integration File: sample.E
 Quant Time: Dec 17 05:24:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 2021
 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)	10.816	2692414	19.348 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
12) S 1-chlorooctadecane (S...	12.253	2066812	18.664 ug/mlm
Spiked Amount 50.000		Recovery =	37.33%
Target Compounds			
1) T n-Nonane (C9)	2.683	2528394	20.465 ug/ml
2) T n-Decane (C10)	3.687	2566814	20.608 ug/ml
3) T A~Naphthalene (C11.7)	5.243	2879688	20.757 ug/mlm
4) T n-Dodecane (C12)	5.674	2568960	20.802 ug/ml
5) T A~2-methylnaphthalene...	6.291	2918065	20.867 ug/ml
6) T n-Tetradecane (C14)	7.463	2556868	20.649 ug/mlm
7) T n-Hexadecane (C16)	9.062	2543876	20.288 ug/ml
8) T n-Octadecane (C18)	10.503	2561430	19.789 ug/ml
10) T n-Eicosane (C20)	11.811	2488323	19.154 ug/ml
11) T n-Heneicosane (C21)	12.422	2463481	18.770 ug/mlm
13) T n-Docosane (C22)	13.009	2422694	18.432 ug/ml
14) T n-Tetracosane (C24)	14.110	2350071	17.669 ug/mlm
15) T n-Hexacosane (C26)	15.130	2250718	17.164 ug/mlm
16) T n-Octacosane (C28)	16.079	2221720	16.895 ug/mlm
17) T n-Tricontane (C30)	16.967	2300265	16.831 ug/mlm
18) T n-Dotriacontane (C32)	17.800	2407393	17.955 ug/mlm
19) T n-Tetratriacontane (C34)	18.585	2320751	17.798 ug/mlm
20) T n-Hexatriacontane (C36)	19.325	2299785	19.368 ug/mlm
21) T n-Octatriacontane (C38)	20.050	2197892	20.012 ug/mlm
22) T n-Tetracontane (C40)	20.929	1945464	19.485 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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