

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012622AL\
 Data File : FC058150.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2022 6:00
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2022
 Supervised By :mohammad ahmed 01/27/2022

Integration File: autoint1.e
 Quant Time: Jan 27 06:14:37 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)	10.697	4141366	21.417 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
12) S 1-chlorooctadecane (S...	12.134	3150068	21.373 ug/ml
Spiked Amount 50.000		Recovery =	42.75%
Target Compounds			
1) T n-Nonane (C9)	2.628	3829339	23.947 ug/ml
2) T n-Decane (C10)	3.617	3937383	24.497 ug/ml
3) T A~Naphthalene (C11.7)	5.155	4371411	24.074 ug/ml
4) T n-Dodecane (C12)	5.588	3978049	24.666 ug/ml
5) T A~2-methylnaphthalene...	6.196	4390050	24.007 ug/ml
6) T n-Tetradecane (C14)	7.369	4047452	24.516 ug/ml
7) T n-Hexadecane (C16)	8.959	4019049	24.060 ug/ml
8) T n-Octadecane (C18)	10.394	3960157	23.012 ug/ml
10) T n-Eicosane (C20)	11.695	3744391	21.872 ug/ml
11) T n-Heneicosane (C21)	12.304	3700870	21.402 ug/ml
13) T n-Docosane (C22)	12.887	3599100	20.803 ug/ml
14) T n-Tetracosane (C24)	13.986	3523236	20.353 ug/ml
15) T n-Hexacosane (C26)	15.003	3408182	20.252 ug/ml
16) T n-Octacosane (C28)	15.948	3463623	21.166 ug/mlm
17) T n-Tricontane (C30)	16.833	3626744	23.230 ug/ml
18) T n-Dotriacontane (C32)	17.663	3447136	24.724 ug/ml
19) T n-Tetratriacontane (C34)	18.444	3040901	24.466 ug/mlm
20) T n-Hexatriacontane (C36)	19.184	2611937	23.493 ug/mlm
21) T n-Octatriacontane (C38)	19.887	2711016	25.989 ug/mlm
22) T n-Tetracontane (C40)	20.710	1956637	20.434 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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