

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012722AL\
 Data File : FC058170.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jan 2022 21:25
 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 01:06:34 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)	10.694	3850436	19.913 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
12) S 1-chlorooctadecane (S...	12.132	2918811	19.804 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
Target Compounds			
1) T n-Nonane (C9)	2.626	3581139	22.395 ug/ml
2) T n-Decane (C10)	3.615	3680105	22.896 ug/ml
3) T A~Naphthalene (C11.7)	5.152	4051688	22.313 ug/ml
4) T n-Dodecane (C12)	5.586	3711133	23.011 ug/ml
5) T A~2-methylnaphthalene...	6.194	4027902	22.026 ug/ml
6) T n-Tetradecane (C14)	7.367	3754908	22.744 ug/ml
7) T n-Hexadecane (C16)	8.957	3714597	22.238 ug/ml
8) T n-Octadecane (C18)	10.391	3680878	21.390 ug/ml
10) T n-Eicosane (C20)	11.694	3485382	20.359 ug/ml
11) T n-Heneicosane (C21)	12.302	3437262	19.877 ug/ml
13) T n-Docosane (C22)	12.885	3359841	19.420 ug/ml
14) T n-Tetracosane (C24)	13.984	3294697	19.032 ug/ml
15) T n-Hexacosane (C26)	15.001	3193405	18.976 ug/ml
16) T n-Octacosane (C28)	15.947	3301416	20.174 ug/ml
17) T n-Tricontane (C30)	16.832	3467363	22.209 ug/ml
18) T n-Dotriacontane (C32)	17.661	3335912	23.926 ug/ml
19) T n-Tetratriacontane (C34)	18.442	2944223	23.689 ug/ml
20) T n-Hexatriacontane (C36)	19.177	2428260	21.841 ug/mlm
21) T n-Octatriacontane (C38)	19.884	1981976	19.000 ug/ml
22) T n-Tetracontane (C40)	20.704	1816955	18.976 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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