

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111221AL\
 Data File : FC056792.D
 Signal(s) : FID1A.CH
 Acq On : 13 Nov 2021 14:57
 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 :Ankita Jodhani 11/15/2021
 Supervised By :mohammad ahmed 11/15/2021

Integration File: autoint1.e
 Quant Time: Nov 15 00:12:04 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.610	2114927	17.081 ug/ml
Spiked Amount 50.000		Recovery =	34.16%
12) S 1-chlorooctadecane (S...	13.041	1623650	16.874 ug/ml
Spiked Amount 50.000		Recovery =	33.75%
Target Compounds			
1) T n-Nonane (C9)	3.367	2134516	19.721 ug/mlm
2) T n-Decane (C10)	4.435	2155610	20.011 ug/ml
3) T A~Naphthalene (C11.7)	6.026	2359714	19.355 ug/ml
4) T n-Dodecane (C12)	6.454	2162645	19.618 ug/ml
5) T A~2-methylnaphthalene...	7.083	2338284	19.094 ug/ml
6) T n-Tetradecane (C14)	8.249	2143608	19.094 ug/ml
7) T n-Hexadecane (C16)	9.849	2101393	18.484 ug/ml
8) T n-Octadecane (C18)	11.289	2100755	17.977 ug/ml
10) T n-Eicosane (C20)	12.596	1993773	17.348 ug/ml
11) T n-Heneicosane (C21)	13.207	1963441	17.085 ug/ml
13) T n-Docosane (C22)	13.792	1911498	16.978 ug/ml
14) T n-Tetracosane (C24)	14.892	1880504	17.064 ug/ml
15) T n-Hexacosane (C26)	15.910	1814018	17.187 ug/ml
16) T n-Octacosane (C28)	16.856	1810940	17.459 ug/ml
17) T n-Tricontane (C30)	17.741	1839392	17.753 ug/ml
18) T n-Dotriacontane (C32)	18.570	1840031	19.205 ug/ml
19) T n-Tetratriacontane (C34)	19.350	1849773	21.090 ug/ml
20) T n-Hexatriacontane (C36)	20.087	1811017	22.126 ug/mlm
21) T n-Octatriacontane (C38)	20.820	1761767	22.029 ug/ml
22) T n-Tetracontane (C40)	21.733	1798758	21.832 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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