

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102921AL\
 Data File : FC056515.D
 Signal(s) : FID1A.CH
 Acq On : 30 Oct 2021 00:14
 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 11/01/2021
 Supervised By :mohammad ahmed 11/01/2021

Integration File: autoint1.e
 Quant Time: Oct 30 05:18:31 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)	11.621	2296280	18.546 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
12) S 1-chlorooctadecane (S...	13.051	1762508	18.317 ug/ml
Spiked Amount 50.000		Recovery =	36.63%
Target Compounds			
1) T n-Nonane (C9)	3.378	2273503	21.005 ug/ml
2) T n-Decane (C10)	4.445	2294130	21.297 ug/ml
3) T A~Naphthalene (C11.7)	6.036	2555448	20.960 ug/ml
4) T n-Dodecane (C12)	6.464	2330763	21.143 ug/ml
5) T A~2-methylnaphthalene...	7.093	2546033	20.791 ug/ml
6) T n-Tetradecane (C14)	8.259	2307711	20.555 ug/ml
7) T n-Hexadecane (C16)	9.859	2272995	19.993 ug/ml
8) T n-Octadecane (C18)	11.300	2272102	19.443 ug/ml
10) T n-Eicosane (C20)	12.606	2158389	18.780 ug/ml
11) T n-Heneicosane (C21)	13.218	2115564	18.409 ug/ml
13) T n-Docosane (C22)	13.802	2060687	18.303 ug/ml
14) T n-Tetracosane (C24)	14.902	2010113	18.240 ug/ml
15) T n-Hexacosane (C26)	15.920	1911807	18.114 ug/ml
16) T n-Octacosane (C28)	16.867	1932548	18.631 ug/ml
17) T n-Tricontane (C30)	17.750	1951355	18.834 ug/ml
18) T n-Dotriacontane (C32)	18.579	1900720	19.839 ug/ml
19) T n-Tetratriacontane (C34)	19.358	1887569	21.521 ug/mlm
20) T n-Hexatriacontane (C36)	20.095	1852755	22.636 ug/mlm
21) T n-Octatriacontane (C38)	20.831	1785113	22.321 ug/ml
22) T n-Tetracontane (C40)	21.748	1837084	22.297 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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