

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110421AL\
 Data File : FC056668.D
 Signal(s) : FID1A.CH
 Acq On : 05 Nov 2021 10:59
 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 :Ankita Jodhani 11/08/2021
 Supervised By :mohammad ahmed 11/08/2021

Integration File: autoint1.e
 Quant Time: Nov 08 00:27:57 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)	11.611	2274899	18.373 ug/ml
Spiked Amount 50.000		Recovery =	36.75%
12) S 1-chlorooctadecane (S...	13.041	1805393	18.762 ug/ml
Spiked Amount 50.000		Recovery =	37.52%
Target Compounds			
1) T n-Nonane (C9)	3.371	2320023	21.435 ug/ml
2) T n-Decane (C10)	4.439	2347944	21.797 ug/ml
3) T A~Naphthalene (C11.7)	6.029	2583410	21.189 ug/ml
4) T n-Dodecane (C12)	6.457	2391587	21.695 ug/ml
5) T A~2-methylnaphthalene...	7.086	2593287	21.177 ug/ml
6) T n-Tetradecane (C14)	8.251	2350100	20.933 ug/ml
7) T n-Hexadecane (C16)	9.850	2345911	20.634 ug/ml
8) T n-Octadecane (C18)	11.290	2316285	19.821 ug/ml
10) T n-Eicosane (C20)	12.596	2227231	19.379 ug/ml
11) T n-Heneicosane (C21)	13.207	2201909	19.160 ug/ml
13) T n-Docosane (C22)	13.792	2142917	19.034 ug/ml
14) T n-Tetracosane (C24)	14.891	2045687	18.563 ug/ml
15) T n-Hexacosane (C26)	15.909	1990624	18.860 ug/ml
16) T n-Octacosane (C28)	16.854	1878567	18.111 ug/ml
17) T n-Tricontane (C30)	17.737	1981777	19.128 ug/mlm
18) T n-Dotriacontane (C32)	18.567	1986981	20.739 ug/ml
19) T n-Tetratriacontane (C34)	19.345	1935237	22.064 ug/ml
20) T n-Hexatriacontane (C36)	20.081	1927123	23.544 ug/mlm
21) T n-Octatriacontane (C38)	20.815	1926926	24.094 ug/mlm
22) T n-Tetracontane (C40)	21.725	1838436	22.314 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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