

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102721AL\
 Data File : FC056464.D
 Signal(s) : FID1A.CH
 Acq On : 28 Oct 2021 13:33
 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

mohammad
 10/28/2021 2:30:24 PM

Integration File: autoint1.e
 Quant Time: Oct 28 14:09:11 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)	11.618	2534731	20.471 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
12) S 1-chlorooctadecane (S...	13.049	1947984	20.244 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	3.380	2385265	22.038 ug/ml
2) T n-Decane (C10)	4.446	2410608	22.379 ug/ml
3) T A~Naphthalene (C11.7)	6.036	2721073	22.318 ug/ml
4) T n-Dodecane (C12)	6.464	2452125	22.244 ug/ml
5) T A~2-methylnaphthalene...	7.092	2738685	22.364 ug/ml
6) T n-Tetradecane (C14)	8.258	2462446	21.934 ug/ml
7) T n-Hexadecane (C16)	9.858	2450878	21.558 ug/ml
8) T n-Octadecane (C18)	11.298	2474946	21.179 ug/ml
10) T n-Eicosane (C20)	12.605	2369674	20.619 ug/ml
11) T n-Heneicosane (C21)	13.215	2337601	20.341 ug/ml
13) T n-Docosane (C22)	13.800	2283627	20.284 ug/ml
14) T n-Tetracosane (C24)	14.899	2181836	19.798 ug/ml
15) T n-Hexacosane (C26)	15.917	2066014	19.575 ug/ml
16) T n-Octacosane (C28)	16.863	1984737	19.134 ug/ml
17) T n-Tricontane (C30)	17.746	1942548	18.749 ug/ml
18) T n-Dotriacontane (C32)	18.575	1906730	19.901 ug/ml
19) T n-Tetratriacontane (C34)	19.355	1920002	21.891 ug/ml
20) T n-Hexatriacontane (C36)	20.089	1893832	23.137 ug/mlm
21) T n-Octatriacontane (C38)	20.826	1841157	23.021 ug/ml
22) T n-Tetracontane (C40)	21.739	1895045	23.001 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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