

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042624AL\
 Data File : FC066242.D
 Signal(s) : FID1A.ch
 Acq On : 26 Apr 2024 11:15
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/29/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: Apr 27 00:55:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 041524.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 16 08:19:15 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.560	2390486	17.311 ug/ml
Spiked Amount 50.000		Recovery =	34.62%
12) S 1-chlorooctadecane (S...	13.000	1802852	18.373 ug/ml
Spiked Amount 50.000		Recovery =	36.75%
Target Compounds			
1) T n-Nonane (C9)	3.318	2098313	16.299 ug/ml
2) T n-Decane (C10)	4.387	2210531	16.953 ug/ml
3) T A~Naphthalene (C11.7)	5.969	2401052	16.741 ug/ml
4) T n-Dodecane (C12)	6.406	2225010	17.184 ug/ml
5) T A~2-methylnaphthalene...	7.026	2319486	16.844 ug/ml
6) T n-Tetradecane (C14)	8.202	2206452	17.530 ug/ml
7) T n-Hexadecane (C16)	9.804	2289386	17.974 ug/ml
8) T n-Octadecane (C18)	11.247	2306617	18.121 ug/ml
10) T n-Eicosane (C20)	12.557	2195387	18.218 ug/ml
11) T n-Heneicosane (C21)	13.168	2147517	18.149 ug/ml
13) T n-Docosane (C22)	13.754	2143629	18.260 ug/ml
14) T n-Tetracosane (C24)	14.858	2146224	18.395 ug/ml
15) T n-Hexacosane (C26)	15.879	2108861	18.344 ug/ml
16) T n-Octacosane (C28)	16.829	2099587	18.526 ug/ml
17) T n-Tricontane (C30)	17.718	2209602	19.073 ug/ml
18) T n-Dotriacontane (C32)	18.550	2200657	19.167 ug/ml
19) T n-Tetratriacontane (C34)	19.334	2086079	18.995 ug/ml
20) T n-Hexatriacontane (C36)	20.073	1989253	19.272 ug/mlm
21) T n-Octatriacontane (C38)	20.809	1916165	19.656 ug/ml
22) T n-Tetracontane (C40)	21.722	1825728	20.176 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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