

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042624AL\
 Data File : FC066253.D
 Signal(s) : FID1A.ch
 Acq On : 26 Apr 2024 23:00
 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 01:01:43 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)	11.561	2312837	16.749 ug/ml
Spiked Amount 50.000		Recovery =	33.50%
12) S 1-chlorooctadecane (S...	13.001	1727269	17.603 ug/ml
Spiked Amount 50.000		Recovery =	35.21%
Target Compounds			
1) T n-Nonane (C9)	3.315	2052690	15.945 ug/ml
2) T n-Decane (C10)	4.386	2156645	16.540 ug/ml
3) T A~Naphthalene (C11.7)	5.969	2362319	16.471 ug/ml
4) T n-Dodecane (C12)	6.407	2165518	16.724 ug/ml
5) T A~2-methylnaphthalene...	7.026	2265457	16.452 ug/ml
6) T n-Tetradecane (C14)	8.203	2144227	17.036 ug/ml
7) T n-Hexadecane (C16)	9.804	2207222	17.329 ug/ml
8) T n-Octadecane (C18)	11.247	2212475	17.382 ug/ml
10) T n-Eicosane (C20)	12.557	2104149	17.461 ug/ml
11) T n-Heneicosane (C21)	13.169	2062248	17.429 ug/ml
13) T n-Docosane (C22)	13.755	2060939	17.556 ug/ml
14) T n-Tetracosane (C24)	14.858	2077735	17.808 ug/ml
15) T n-Hexacosane (C26)	15.880	2056244	17.887 ug/ml
16) T n-Octacosane (C28)	16.829	2067985	18.247 ug/ml
17) T n-Tricontane (C30)	17.718	2204539	19.030 ug/ml
18) T n-Dotriacontane (C32)	18.551	2219843	19.335 ug/ml
19) T n-Tetratriacontane (C34)	19.335	2103260	19.152 ug/ml
20) T n-Hexatriacontane (C36)	20.074	2007693	19.451 ug/mlm
21) T n-Octatriacontane (C38)	20.809	1933227	19.831 ug/ml
22) T n-Tetracontane (C40)	21.719	1861149	20.568 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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