

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112023AL\
 Data File : FC065229.D
 Signal(s) : FID1A.ch
 Acq On : 20 Nov 2023 14:09
 Operator : YP/AJ
 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 :Yogesh Patel 11/21/2023
 Supervised By :Ankita Jodhani 11/21/2023

Integration File: autoint1.e
 Quant Time: Nov 21 00:11:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.507	4430392	20.130 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	12.939	3188573	20.170 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	3.306	3792340	20.058 ug/ml
2) T n-Decane (C10)	4.367	3826342	20.123 ug/ml
3) T A~Naphthalene (C11.7)	5.947	3909545	20.249 ug/ml
4) T n-Dodecane (C12)	6.377	3892324	20.149 ug/ml
5) T A~2-methylnaphthalene...	7.001	3850829	20.955 ug/ml
6) T n-Tetradecane (C14)	8.165	3804423	20.162 ug/ml
7) T n-Hexadecane (C16)	9.758	3843207	20.332 ug/ml
8) T n-Octadecane (C18)	11.193	3819133	20.236 ug/ml
10) T n-Eicosane (C20)	12.496	3623176	20.153 ug/ml
11) T n-Heneicosane (C21)	13.105	3529815	20.105 ug/ml
13) T n-Docosane (C22)	13.688	3463845	20.165 ug/ml
14) T n-Tetracosane (C24)	14.785	3327898	19.981 ug/ml
15) T n-Hexacosane (C26)	15.802	3195931	19.911 ug/ml
16) T n-Octacosane (C28)	16.746	3096215	19.784 ug/mlm
17) T n-Tricontane (C30)	17.630	3149807	19.886 ug/ml
18) T n-Dotriacontane (C32)	18.457	3127302	19.806 ug/ml
19) T n-Tetratriacontane (C34)	19.239	3036107	19.891 ug/mlm
20) T n-Hexatriacontane (C36)	19.975	2985500	19.787 ug/mlm
21) T n-Octatriacontane (C38)	20.693	2932652	19.707 ug/ml
22) T n-Tetracontane (C40)	21.569	2896510	19.694 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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