

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112224AL\
 Data File : FC067858.D
 Signal(s) : FID1A.ch
 Acq On : 22 Nov 2024 16:57
 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 11/25/2024
 Supervised By :Ankita Jodhani 11/25/2024

Integration File: sample.E
 Quant Time: Nov 22 22:24:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 14 14:13:15 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)	11.502	3533591	18.226 ug/ml
Spiked Amount 50.000		Recovery =	36.45%
12) S 1-chlorooctadecane (S...	12.940	2632448	18.135 ug/ml
Spiked Amount 50.000		Recovery =	36.27%
Target Compounds			
1) T n-Nonane (C9)	3.287	3049441	18.695 ug/ml
2) T n-Decane (C10)	4.349	3156009	19.031 ug/ml
3) T A~Naphthalene (C11.7)	5.926	3464972	18.918 ug/ml
4) T n-Dodecane (C12)	6.362	3208299	19.049 ug/ml
5) T A~2-methylnaphthalene...	6.980	3360369	18.947 ug/ml
6) T n-Tetradecane (C14)	8.154	3192198	19.061 ug/ml
7) T n-Hexadecane (C16)	9.752	3298674	19.035 ug/ml
8) T n-Octadecane (C18)	11.191	3306990	18.796 ug/mlm
10) T n-Eicosane (C20)	12.498	3104156	18.435 ug/ml
11) T n-Heneicosane (C21)	13.109	3011752	18.304 ug/ml
13) T n-Docosane (C22)	13.694	2962357	18.190 ug/ml
14) T n-Tetracosane (C24)	14.795	2901804	18.093 ug/ml
15) T n-Hexacosane (C26)	15.814	2806749	18.124 ug/ml
16) T n-Octacosane (C28)	16.762	2839014	18.799 ug/mlm
17) T n-Tricontane (C30)	17.649	3056177	19.961 ug/ml
18) T n-Dotriacontane (C32)	18.480	3038765	20.575 ug/ml
19) T n-Tetratriacontane (C34)	19.262	2593871	20.565 ug/ml
20) T n-Hexatriacontane (C36)	20.000	2146608	20.525 ug/ml
21) T n-Octatriacontane (C38)	20.724	1926790	19.725 ug/ml
22) T n-Tetracontane (C40)	21.612	1933778	19.840 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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