

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081524AL\
 Data File : FC067014.D
 Signal(s) : FID1A.ch
 Acq On : 15 Aug 2024 20:23
 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 08/16/2024
 Supervised By :Ankita Jodhani 08/16/2024

Integration File: autoint1.e
 Quant Time: Aug 16 02:05:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081224.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 15:57:40 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)	11.511	3196461	20.997 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
12) S 1-chlorooctadecane (S...	12.950	2369405	21.870 ug/ml
Spiked Amount 50.000		Recovery =	43.74%
Target Compounds			
1) T n-Nonane (C9)	3.282	2869403	19.524 ug/ml
2) T n-Decane (C10)	4.347	2966709	19.798 ug/ml
3) T A~Naphthalene (C11.7)	5.926	3309234	20.802 ug/ml
4) T n-Dodecane (C12)	6.365	3017725	20.113 ug/ml
5) T A~2-methylnaphthalene...	6.983	3189473	21.208 ug/ml
6) T n-Tetradecane (C14)	8.158	2980017	20.553 ug/ml
7) T n-Hexadecane (C16)	9.758	3050232	20.812 ug/ml
8) T n-Octadecane (C18)	11.199	3026890	20.768 ug/mlm
10) T n-Eicosane (C20)	12.508	2855778	20.853 ug/ml
11) T n-Heneicosane (C21)	13.119	2766213	20.758 ug/ml
13) T n-Docosane (C22)	13.705	2718701	20.632 ug/ml
14) T n-Tetracosane (C24)	14.808	2638450	20.358 ug/ml
15) T n-Hexacosane (C26)	15.828	2524897	19.905 ug/ml
16) T n-Octacosane (C28)	16.777	2432196	19.582 ug/mlm
17) T n-Tricontane (C30)	17.663	2454551	19.532 ug/ml
18) T n-Dotriacontane (C32)	18.495	2402670	19.452 ug/ml
19) T n-Tetratriacontane (C34)	19.279	2294182	19.132 ug/mlm
20) T n-Hexatriacontane (C36)	20.018	2235817	19.802 ug/ml
21) T n-Octatriacontane (C38)	20.742	2182719	20.035 ug/mlm
22) T n-Tetracontane (C40)	21.640	2148231	21.030 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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