

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080724AL\
 Data File : FF014418.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2024 08:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e
 Quant Time: Aug 08 08:43:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 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)	11.810	2474593	17.570 ug/ml
Spiked Amount 50.000		Recovery =	35.14%
12) S 1-chlorooctadecane (S...	13.252	1727523	18.477 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
Target Compounds			
1) T n-Nonane (C9)	3.214	2025722	15.674 ug/ml
2) T n-Decane (C10)	4.462	2033946	15.523 ug/ml
3) T A~Naphthalene (C11.7)	6.157	2014181	15.819 ug/ml
4) T n-Dodecane (C12)	6.627	2060661	15.582 ug/ml
5) T A~2-methylnaphthalene...	7.252	1890243	16.316 ug/ml
6) T n-Tetradecane (C14)	8.453	2006878	15.590 ug/ml
7) T n-Hexadecane (C16)	10.058	1978905	15.284 ug/ml
8) T n-Octadecane (C18)	11.500	2015762	15.266 ug/ml
10) T n-Eicosane (C20)	12.810	1981318	15.764 ug/ml
11) T n-Heneicosane (C21)	13.421	1954184	15.933 ug/ml
13) T n-Docosane (C22)	14.008	1912037	15.955 ug/ml
14) T n-Tetracosane (C24)	15.110	1853904	15.863 ug/ml
15) T n-Hexacosane (C26)	16.131	1784781	15.791 ug/ml
16) T n-Octacosane (C28)	17.081	1730304	15.697 ug/ml
17) T n-Tricontane (C30)	17.969	1720258	15.412 ug/ml
18) T n-Dotriacontane (C32)	18.799	1705712	15.540 ug/mlm
19) T n-Tetratriacontane (C34)	19.583	1622423	15.806 ug/mlm
20) T n-Hexatriacontane (C36)	20.322	1555020	17.418 ug/mlm
21) T n-Octatriacontane (C38)	21.045	1334556	19.379 ug/ml
22) T n-Tetracontane (C40)	21.918	1007042	22.510 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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