

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080524AL\
 Data File : FF014394.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2024 15:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File: autoint1.e
 Quant Time: Aug 06 06:26:00 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)	11.814	2801201	19.889 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
12) S 1-chlorooctadecane (S...	13.256	1912431	20.455 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
Target Compounds			
1) T n-Nonane (C9)	3.216	2583406	19.989 ug/ml
2) T n-Decane (C10)	4.464	2631115	20.081 ug/ml
3) T A~Naphthalene (C11.7)	6.159	2601000	20.427 ug/ml
4) T n-Dodecane (C12)	6.629	2670065	20.190 ug/ml
5) T A~2-methylnaphthalene...	7.254	2375162	20.502 ug/ml
6) T n-Tetradecane (C14)	8.456	2588884	20.111 ug/ml
7) T n-Hexadecane (C16)	10.061	2631124	20.321 ug/ml
8) T n-Octadecane (C18)	11.504	2677166	20.276 ug/ml
10) T n-Eicosane (C20)	12.813	2537338	20.188 ug/ml
11) T n-Heneicosane (C21)	13.425	2475034	20.179 ug/ml
13) T n-Docosane (C22)	14.012	2424985	20.235 ug/ml
14) T n-Tetracosane (C24)	15.116	2345871	20.072 ug/ml
15) T n-Hexacosane (C26)	16.136	2253204	19.936 ug/ml
16) T n-Octacosane (C28)	17.087	2156423	19.563 ug/ml
17) T n-Tricontane (C30)	17.974	2134974	19.127 ug/ml
18) T n-Dotriacontane (C32)	18.806	2026339	18.462 ug/ml
19) T n-Tetratriacontane (C34)	19.590	1839791	17.924 ug/mlm
20) T n-Hexatriacontane (C36)	20.329	1571673	17.605 ug/mlm
21) T n-Octatriacontane (C38)	21.052	1189428	17.272 ug/ml
22) T n-Tetracontane (C40)	21.933	705245	15.764 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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