

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AL\
 Data File : FF014731.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2024 05:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e
 Quant Time: Oct 22 05:48:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 05:46:44 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)	11.913	2980758	19.548 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	13.349	2351597	19.574 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
Target Compounds			
1) T n-Nonane (C9)	3.314	2457518	19.532 ug/ml
2) T n-Decane (C10)	4.562	2497126	19.532 ug/ml
3) T A~Naphthalene (C11.7)	6.258	2750777	19.580 ug/ml
4) T n-Dodecane (C12)	6.723	2521958	19.559 ug/ml
5) T A~2-methylnaphthalene...	7.351	2674656	19.574 ug/ml
6) T n-Tetradecane (C14)	8.547	2522950	19.583 ug/ml
7) T n-Hexadecane (C16)	10.153	2648865	19.636 ug/ml
8) T n-Octadecane (C18)	11.595	2728739	19.613 ug/ml
10) T n-Eicosane (C20)	12.905	2687183	19.601 ug/ml
11) T n-Heneicosane (C21)	13.517	2674224	19.577 ug/ml
13) T n-Docosane (C22)	14.103	2689512	19.581 ug/ml
14) T n-Tetracosane (C24)	15.205	2730222	19.543 ug/ml
15) T n-Hexacosane (C26)	16.225	2722220	19.509 ug/ml
16) T n-Octacosane (C28)	17.174	2687286	19.464 ug/ml
17) T n-Tricontane (C30)	18.061	2732816	19.399 ug/ml
18) T n-Dotriacontane (C32)	18.893	2647258	19.084 ug/ml
19) T n-Tetratriacontane (C34)	19.676	2267927	19.316 ug/ml
20) T n-Hexatriacontane (C36)	20.415	1890320	18.763 ug/ml
21) T n-Octatriacontane (C38)	21.148	1743193	19.374 ug/ml
22) T n-Tetracontane (C40)	22.053	1631682	18.200 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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