

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091624AL\
 Data File : FF014520.D
 Signal(s) : FID2B.ch
 Acq On : 16 Sep 2024 09:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/17/2024
 Supervised By :Ankita Jodhani 09/17/2024

Integration File: autoint1.e
 Quant Time: Sep 17 06:21:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 08:07:41 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)	11.797	3071332	21.509 ug/ml
Spiked Amount 50.000		Recovery =	43.02%
12) S 1-chlorooctadecane (S...	13.239	2223781	20.905 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
Target Compounds			
1) T n-Nonane (C9)	3.200	2583349	21.778 ug/ml
2) T n-Decane (C10)	4.450	2616274	21.834 ug/ml
3) T A~Naphthalene (C11.7)	6.143	2728537	22.088 ug/ml
4) T n-Dodecane (C12)	6.615	2676682	21.718 ug/ml
5) T A~2-methylnaphthalene...	7.238	2510459	22.474 ug/ml
6) T n-Tetradecane (C14)	8.441	2622887	21.947 ug/ml
7) T n-Hexadecane (C16)	10.046	2676535	21.954 ug/ml
8) T n-Octadecane (C18)	11.488	2782769	21.785 ug/ml
10) T n-Eicosane (C20)	12.797	2726601	21.561 ug/ml
11) T n-Heneicosane (C21)	13.408	2698007	21.583 ug/ml
13) T n-Docosane (C22)	13.994	2701443	21.867 ug/ml
14) T n-Tetracosane (C24)	15.096	2707809	22.139 ug/ml
15) T n-Hexacosane (C26)	16.116	2675420	22.347 ug/ml
16) T n-Octacosane (C28)	17.066	2622035	22.585 ug/ml
17) T n-Tricontane (C30)	17.952	2634483	22.485 ug/ml
18) T n-Dotriacontane (C32)	18.784	2495448	22.464 ug/ml
19) T n-Tetratriacontane (C34)	19.565	2111760	21.981 ug/ml
20) T n-Hexatriacontane (C36)	20.303	1700801	20.947 ug/ml
21) T n-Octatriacontane (C38)	21.023	1317502	18.070 ug/ml
22) T n-Tetracontane (C40)	21.890	1014156	16.115 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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