

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122624AL\
 Data File : FE051774.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2024 19:30
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 27 01:18:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 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)	12.034	3102205	19.323 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
12) S 1-chlorooctadecane (S...	13.457	2416465	19.156 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T n-Nonane (C9)	3.493	2350160	19.614 ug/ml
2) T n-Decane (C10)	4.727	2445021	19.665 ug/ml
3) T A~Naphthalene (C11.7)	6.418	2828578	19.850 ug/ml
4) T n-Dodecane (C12)	6.867	2556585	19.648 ug/ml
5) T A~2-methylnaphthalene...	7.502	2798248	19.773 ug/ml
6) T n-Tetradecane (C14)	8.680	2622765	19.561 ug/ml
7) T n-Hexadecane (C16)	10.277	2787629	19.506 ug/ml
8) T n-Octadecane (C18)	11.711	2891448	19.615 ug/ml
10) T n-Eicosane (C20)	13.014	2786568	19.369 ug/ml
11) T n-Heneicosane (C21)	13.622	2739553	19.278 ug/ml
13) T n-Docosane (C22)	14.204	2728006	19.350 ug/ml
14) T n-Tetracosane (C24)	15.301	2722042	19.510 ug/ml
15) T n-Hexacosane (C26)	16.315	2645965	19.638 ug/ml
16) T n-Octacosane (C28)	17.259	2596608	19.960 ug/ml
17) T n-Tricontane (C30)	18.142	2660913	20.106 ug/ml
18) T n-Dotriacontane (C32)	18.969	2553115	20.365 ug/ml
19) T n-Tetratriacontane (C34)	19.747	2246581	20.419 ug/mlm
20) T n-Hexatriacontane (C36)	20.482	1942615	20.233 ug/mlm
21) T n-Octatriacontane (C38)	21.227	1952436	21.683 ug/ml
22) T n-Tetracontane (C40)	22.162	1779447	18.231 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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