

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091824AL\
 Data File : FE050169.D
 Signal(s) : FID1B.ch
 Acq On : 18 Sep 2024 11:15
 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 09/19/2024
 Supervised By :Ankita Jodhani 09/19/2024

Integration File: autoint1.e
 Quant Time: Sep 19 01:27:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.874	2977743	20.014 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
12) S 1-chlorooctadecane (S...	13.309	2266344	20.176 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T n-Nonane (C9)	3.261	2602470	19.200 ug/mlm
2) T n-Decane (C10)	4.513	2682913	19.440 ug/ml
3) T A~Naphthalene (C11.7)	6.222	2757987	19.704 ug/ml
4) T n-Dodecane (C12)	6.680	2701620	19.537 ug/ml
5) T A~2-methylnaphthalene...	7.318	2600368	19.784 ug/ml
6) T n-Tetradecane (C14)	8.507	2684591	19.715 ug/ml
7) T n-Hexadecane (C16)	10.113	2763410	19.895 ug/ml
8) T n-Octadecane (C18)	11.555	2797957	19.971 ug/ml
10) T n-Eicosane (C20)	12.863	2683802	20.007 ug/ml
11) T n-Heneicosane (C21)	13.475	2643805	20.121 ug/ml
13) T n-Docosane (C22)	14.060	2621065	20.128 ug/ml
14) T n-Tetracosane (C24)	15.162	2628991	20.132 ug/ml
15) T n-Hexacosane (C26)	16.181	2596740	20.297 ug/ml
16) T n-Octacosane (C28)	17.129	2662787	20.672 ug/ml
17) T n-Tricontane (C30)	18.017	2837580	21.220 ug/ml
18) T n-Dotriacontane (C32)	18.848	2869547	21.534 ug/ml
19) T n-Tetratriacontane (C34)	19.631	2676300	21.660 ug/ml
20) T n-Hexatriacontane (C36)	20.370	2374539	21.402 ug/mlm
21) T n-Octatriacontane (C38)	21.096	2246537	20.371 ug/ml
22) T n-Tetracontane (C40)	21.987	2125002	19.529 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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