

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081224AL\
 Data File : FE049551.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2024 08:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :Ankita Jodhani 08/14/2024

Integration File: autoint1.e
 Quant Time: Aug 13 01:41:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.888	2953593	19.043 ug/ml
Spiked Amount 50.000		Recovery =	38.09%
12) S 1-chlorooctadecane (S...	13.323	2218990	18.992 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T n-Nonane (C9)	3.279	2682196	17.835 ug/ml
2) T n-Decane (C10)	4.529	2810639	18.197 ug/ml
3) T A~Naphthalene (C11.7)	6.235	2864148	18.383 ug/ml
4) T n-Dodecane (C12)	6.696	2821262	18.322 ug/ml
5) T A~2-methylnaphthalene...	7.331	2698114	18.540 ug/ml
6) T n-Tetradecane (C14)	8.523	2773840	18.276 ug/ml
7) T n-Hexadecane (C16)	10.129	2851971	18.806 ug/ml
8) T n-Octadecane (C18)	11.571	2876892	18.948 ug/ml
10) T n-Eicosane (C20)	12.878	2736429	18.923 ug/ml
11) T n-Heneicosane (C21)	13.489	2679312	18.894 ug/ml
13) T n-Docosane (C22)	14.075	2669869	19.003 ug/ml
14) T n-Tetracosane (C24)	15.176	2674299	19.081 ug/ml
15) T n-Hexacosane (C26)	16.196	2665322	19.008 ug/ml
16) T n-Octacosane (C28)	17.147	2737570	19.559 ug/ml
17) T n-Tricontane (C30)	18.032	2967458	20.343 ug/ml
18) T n-Dotriacontane (C32)	18.863	3105894	21.123 ug/ml
19) T n-Tetratriacontane (C34)	19.647	3114969	21.325 ug/ml
20) T n-Hexatriacontane (C36)	20.385	2982638	20.690 ug/mlm
21) T n-Octatriacontane (C38)	21.113	2874875	19.205 ug/ml
22) T n-Tetracontane (C40)	22.008	2666942	17.673 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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