

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111324AL\
 Data File : FE051189.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2024 05:54
 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 11/13/2024
 Supervised By :Ankita Jodhani 11/14/2024

Integration File: autoint1.e
 Quant Time: Nov 13 11:10:27 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.849	3017928	20.107 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.281	2298238	20.243 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	3.238	2780738	20.097 ug/ml
2) T n-Decane (C10)	4.488	2862125	20.418 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2708532	20.543 ug/ml
4) T n-Dodecane (C12)	6.655	2882414	20.414 ug/ml
5) T A~2-methylnaphthalene...	7.297	2591121	20.713 ug/mlm
6) T n-Tetradecane (C14)	8.482	2826424	20.281 ug/ml
7) T n-Hexadecane (C16)	10.087	2875215	20.261 ug/ml
8) T n-Octadecane (C18)	11.528	2887010	20.216 ug/ml
10) T n-Eicosane (C20)	12.835	2764473	20.200 ug/ml
11) T n-Heneicosane (C21)	13.446	2708341	20.265 ug/ml
13) T n-Docosane (C22)	14.031	2729404	20.530 ug/ml
14) T n-Tetracosane (C24)	15.132	2763877	20.835 ug/ml
15) T n-Hexacosane (C26)	16.151	2792933	20.863 ug/ml
16) T n-Octacosane (C28)	17.100	2865245	21.017 ug/ml
17) T n-Tricontane (C30)	17.986	3040410	20.927 ug/ml
18) T n-Dotriacontane (C32)	18.818	3066629	20.653 ug/ml
19) T n-Tetratriacontane (C34)	19.601	2701200	20.103 ug/ml
20) T n-Hexatriacontane (C36)	20.340	2330022	19.528 ug/ml
21) T n-Octatriacontane (C38)	21.063	2028310	17.821 ug/ml
22) T n-Tetracontane (C40)	21.943	1679981	15.105 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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