

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112223AL\
 Data File : FE045495.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2023 12:56
 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 11/24/2023
 Supervised By :Ankita Jodhani 11/27/2023

Integration File: autoint1.e
 Quant Time: Nov 22 22:45:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 2023
 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)	11.872	3393886	17.776 ug/ml
Spiked Amount 50.000		Recovery =	35.55%
12) S 1-chlorooctadecane (S...	13.315	2398475	17.413 ug/ml
Spiked Amount 50.000		Recovery =	34.83%
Target Compounds			
1) T n-Nonane (C9)	3.256	2999034	18.154 ug/ml
2) T n-Decane (C10)	4.506	3020280	18.012 ug/ml
3) T A~Naphthalene (C11.7)	6.207	3194953	17.899 ug/ml
4) T n-Dodecane (C12)	6.674	3039804	17.999 ug/ml
5) T A~2-methylnaphthalene...	7.303	3043182	17.722 ug/ml
6) T n-Tetradecane (C14)	8.501	2980617	17.884 ug/ml
7) T n-Hexadecane (C16)	10.114	2987055	17.759 ug/ml
8) T n-Octadecane (C18)	11.560	2957428	17.670 ug/ml
10) T n-Eicosane (C20)	12.871	2797065	17.657 ug/ml
11) T n-Heneicosane (C21)	13.484	2705733	17.597 ug/ml
13) T n-Docosane (C22)	14.072	2657702	17.541 ug/ml
14) T n-Tetracosane (C24)	15.178	2591883	17.500 ug/ml
15) T n-Hexacosane (C26)	16.201	2535961	17.399 ug/ml
16) T n-Octacosane (C28)	17.153	2530598	17.318 ug/ml
17) T n-Tricontane (C30)	18.043	2592157	17.065 ug/ml
18) T n-Dotriacontane (C32)	18.877	2663484	17.049 ug/ml
19) T n-Tetratriacontane (C34)	19.663	2721359	17.429 ug/ml
20) T n-Hexatriacontane (C36)	20.406	2892463	17.820 ug/ml
21) T n-Octatriacontane (C38)	21.142	2965414	17.849 ug/ml
22) T n-Tetracontane (C40)	22.054	2757324	16.143 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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