

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111622AL\
 Data File : FE038790.D
 Signal(s) : FID1B.ch
 Acq On : 16 Nov 2022 09:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2022
 Supervised By :Ankita Jodhani 11/17/2022

Integration File: autoint1.e
 Quant Time: Nov 17 03:32:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 2022
 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)	11.961	2840402	16.507 ug/ml
Spiked Amount 50.000		Recovery =	33.01%
12) S 1-chlorooctadecane (S...	13.395	2210349	16.146 ug/ml
Spiked Amount 50.000		Recovery =	32.29%
Target Compounds			
1) T n-Nonane (C9)	3.353	2646140	17.181 ug/ml
2) T n-Decane (C10)	4.603	2722750	17.541 ug/ml
3) T A~Naphthalene (C11.7)	6.307	2938557	17.352 ug/ml
4) T n-Dodecane (C12)	6.766	2713484	17.370 ug/ml
5) T A~2-methylnaphthalene...	7.402	2862432	17.080 ug/ml
6) T n-Tetradecane (C14)	8.592	2699517	17.262 ug/ml
7) T n-Hexadecane (C16)	10.199	2713234	17.174 ug/ml
8) T n-Octadecane (C18)	11.641	2711902	16.930 ug/ml
10) T n-Eicosane (C20)	12.950	2665930	16.546 ug/ml
11) T n-Heneicosane (C21)	13.562	2642079	16.356 ug/ml
13) T n-Docosane (C22)	14.149	2633296	16.311 ug/ml
14) T n-Tetracosane (C24)	15.251	2602158	16.223 ug/ml
15) T n-Hexacosane (C26)	16.273	2562863	16.135 ug/ml
16) T n-Octacosane (C28)	17.221	2592704	16.526 ug/ml
17) T n-Tricontane (C30)	18.108	2797049	17.530 ug/mlm
18) T n-Dotriacontane (C32)	18.942	2935821	18.620 ug/ml
19) T n-Tetratriacontane (C34)	19.726	2854702	19.364 ug/mlm
20) T n-Hexatriacontane (C36)	20.466	2876848	20.134 ug/ml
21) T n-Octatriacontane (C38)	21.208	2835725	20.995 ug/ml
22) T n-Tetracontane (C40)	22.133	2813863	22.292 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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