

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081022AL\
 Data File : FE036976.D
 Signal(s) : FID1B.ch
 Acq On : 10 Aug 2022 09:29
 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 08/10/2022
 Supervised By :Ankita Jodhani 08/11/2022

Integration File: sample.E
 Quant Time: Aug 10 11:16:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.835	3544820	19.033 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
12) S 1-chlorooctadecane (S...	13.275	2777760	18.257 ug/ml
Spiked Amount 50.000		Recovery =	36.51%
Target Compounds			
1) T n-Nonane (C9)	3.222	3256289	21.123 ug/ml
2) T n-Decane (C10)	4.476	3324708	21.568 ug/ml
3) T A~Naphthalene (C11.7)	6.180	3609513	21.122 ug/ml
4) T n-Dodecane (C12)	6.645	3374587	21.486 ug/ml
5) T A~2-methylnaphthalene...	7.277	3586545	20.868 ug/ml
6) T n-Tetradecane (C14)	8.473	3392720	20.781 ug/ml
7) T n-Hexadecane (C16)	10.079	3319906	20.142 ug/ml
8) T n-Octadecane (C18)	11.522	3301129	19.424 ug/ml
10) T n-Eicosane (C20)	12.830	3181630	18.704 ug/ml
11) T n-Heneicosane (C21)	13.442	3146737	18.386 ug/ml
13) T n-Docosane (C22)	14.030	3100562	18.160 ug/ml
14) T n-Tetracosane (C24)	15.133	3044422	17.860 ug/ml
15) T n-Hexacosane (C26)	16.154	2935501	17.558 ug/ml
16) T n-Octacosane (C28)	17.105	2914043	17.842 ug/ml
17) T n-Tricontane (C30)	17.993	2869533	18.884 ug/ml
18) T n-Dotriacontane (C32)	18.828	2417488	20.101 ug/ml
19) T n-Tetratriacontane (C34)	19.611	1827813	21.949 ug/mlm
20) T n-Hexatriacontane (C36)	20.353	1411510	24.039 ug/mlm
21) T n-Octatriacontane (C38)	21.081	1199862	23.931 ug/mlm
22) T n-Tetracontane (C40)	21.960	1214997	23.527 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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