

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081722AL\
 Data File : FE037150.D
 Signal(s) : FID1B.ch
 Acq On : 18 Aug 2022 07:18
 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 08/18/2022
 Supervised By :Ankita Jodhani 08/18/2022

Integration File: autoint1.e
 Quant Time: Aug 18 07:40:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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)	11.817	3402927	18.501 ug/ml
Spiked Amount 50.000		Recovery =	37.00%
12) S 1-chlorooctadecane (S...	13.257	2675538	18.332 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
Target Compounds			
1) T n-Nonane (C9)	3.209	3061372	19.918 ug/ml
2) T n-Decane (C10)	4.463	3075478	20.122 ug/ml
3) T A~Naphthalene (C11.7)	6.165	3300985	20.062 ug/ml
4) T n-Dodecane (C12)	6.632	3133909	20.066 ug/ml
5) T A~2-methylnaphthalene...	7.261	3275701	20.183 ug/ml
6) T n-Tetradecane (C14)	8.458	3136207	19.846 ug/ml
7) T n-Hexadecane (C16)	10.064	3130923	19.686 ug/ml
8) T n-Octadecane (C18)	11.506	3145977	19.162 ug/ml
10) T n-Eicosane (C20)	12.814	3053521	18.599 ug/ml
11) T n-Heneicosane (C21)	13.425	3023913	18.399 ug/ml
13) T n-Docosane (C22)	14.010	2964259	18.218 ug/ml
14) T n-Tetracosane (C24)	15.112	2871274	17.765 ug/ml
15) T n-Hexacosane (C26)	16.131	2768555	17.454 ug/ml
16) T n-Octacosane (C28)	17.082	2710809	17.440 ug/ml
17) T n-Tricontane (C30)	17.969	2643094	18.123 ug/ml
18) T n-Dotriacontane (C32)	18.803	2189143	18.838 ug/ml
19) T n-Tetratriacontane (C34)	19.585	1608947	19.524 ug/mlm
20) T n-Hexatriacontane (C36)	20.327	1231452	20.384 ug/ml
21) T n-Octatriacontane (C38)	21.047	985507	19.324 ug/mlm
22) T n-Tetracontane (C40)	21.919	1104924	22.956 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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