

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080322AL\
 Data File : FE036832.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2022 09:33
 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 08/04/2022
 Supervised By :Ankita Jodhani 08/04/2022

Integration File: autoint1.e
 Quant Time: Aug 03 21:15:39 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)	11.833	3301531	17.727 ug/ml
Spiked Amount 50.000		Recovery =	35.45%
12) S 1-chlorooctadecane (S...	13.272	2597380	17.072 ug/ml
Spiked Amount 50.000		Recovery =	34.14%
Target Compounds			
1) T n-Nonane (C9)	3.225	2951550	19.146 ug/ml
2) T n-Decane (C10)	4.479	2966025	19.241 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3249259	19.014 ug/ml
4) T n-Dodecane (C12)	6.647	3023476	19.251 ug/ml
5) T A~2-methylnaphthalene...	7.275	3227553	18.779 ug/ml
6) T n-Tetradecane (C14)	8.473	3048185	18.671 ug/ml
7) T n-Hexadecane (C16)	10.079	3036289	18.421 ug/ml
8) T n-Octadecane (C18)	11.521	3035205	17.859 ug/ml
10) T n-Eicosane (C20)	12.829	2962983	17.419 ug/ml
11) T n-Heneicosane (C21)	13.441	2939302	17.174 ug/ml
13) T n-Docosane (C22)	14.027	2901915	16.997 ug/ml
14) T n-Tetracosane (C24)	15.130	2847889	16.707 ug/ml
15) T n-Hexacosane (C26)	16.151	2709186	16.204 ug/ml
16) T n-Octacosane (C28)	17.101	2638862	16.157 ug/ml
17) T n-Tricontane (C30)	17.988	2509830	16.516 ug/ml
18) T n-Dotriacontane (C32)	18.823	2055006	17.087 ug/ml
19) T n-Tetratriacontane (C34)	19.607	1504536	18.067 ug/ml
20) T n-Hexatriacontane (C36)	20.347	1129414	19.235 ug/mlm
21) T n-Octatriacontane (C38)	21.071	1005383	20.052 ug/ml
22) T n-Tetracontane (C40)	21.948	949188	18.380 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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