

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041023AL\
 Data File : FE041296.D
 Signal(s) : FID1B.ch
 Acq On : 11 Apr 2023 03:33
 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 04/11/2023
 Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e
 Quant Time: Apr 11 04:06:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.835	3276955	17.436 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
12) S 1-chlorooctadecane (S...	13.274	2547634	17.707 ug/ml
Spiked Amount 50.000		Recovery =	35.41%
Target Compounds			
1) T n-Nonane (C9)	3.236	2846940	16.408 ug/ml
2) T n-Decane (C10)	4.484	2905458	17.069 ug/ml
3) T A~Naphthalene (C11.7)	6.186	3122460	17.071 ug/ml
4) T n-Dodecane (C12)	6.647	2978953	17.174 ug/ml
5) T A~2-methylnaphthalene...	7.281	2925866	17.667 ug/ml
6) T n-Tetradecane (C14)	8.473	3007054	17.246 ug/ml
7) T n-Hexadecane (C16)	10.079	3087280	17.359 ug/ml
8) T n-Octadecane (C18)	11.521	3146562	17.623 ug/ml
10) T n-Eicosane (C20)	12.829	3054135	17.905 ug/ml
11) T n-Heneicosane (C21)	13.441	3019560	17.848 ug/ml
13) T n-Docosane (C22)	14.028	3031205	18.317 ug/ml
14) T n-Tetracosane (C24)	15.131	3066809	18.956 ug/ml
15) T n-Hexacosane (C26)	16.154	3044082	19.637 ug/ml
16) T n-Octacosane (C28)	17.105	3119364	20.364 ug/ml
17) T n-Tricontane (C30)	17.993	3277930	21.445 ug/ml
18) T n-Dotriacontane (C32)	18.826	3384503	21.678 ug/mlm
19) T n-Tetratriacontane (C34)	19.612	3205797	20.687 ug/mlm
20) T n-Hexatriacontane (C36)	20.353	3027681	19.932 ug/mlm
21) T n-Octatriacontane (C38)	21.078	3002278	19.218 ug/mlm
22) T n-Tetracontane (C40)	21.953	3058652	19.164 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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