

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041323AL\
 Data File : FE041352.D
 Signal(s) : FID1B.ch
 Acq On : 13 Apr 2023 20:30
 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 04/14/2023
 Supervised By :Ankita Jodhani 04/14/2023

Integration File: autoint1.e
 Quant Time: Apr 14 01:05:55 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)	11.838	3484907	18.543 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
12) S 1-chlorooctadecane (S...	13.277	2682524	18.644 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
Target Compounds			
1) T n-Nonane (C9)	3.235	3171145	18.276 ug/ml
2) T n-Decane (C10)	4.483	3124956	18.359 ug/ml
3) T A~Naphthalene (C11.7)	6.186	3408229	18.633 ug/ml
4) T n-Dodecane (C12)	6.647	3201631	18.457 ug/ml
5) T A~2-methylnaphthalene...	7.282	3183266	19.221 ug/ml
6) T n-Tetradecane (C14)	8.474	3235485	18.556 ug/ml
7) T n-Hexadecane (C16)	10.081	3302747	18.570 ug/ml
8) T n-Octadecane (C18)	11.523	3316353	18.574 ug/ml
10) T n-Eicosane (C20)	12.832	3188651	18.694 ug/ml
11) T n-Heneicosane (C21)	13.445	3163259	18.697 ug/ml
13) T n-Docosane (C22)	14.031	3102679	18.749 ug/ml
14) T n-Tetracosane (C24)	15.135	3038604	18.782 ug/ml
15) T n-Hexacosane (C26)	16.157	2933324	18.923 ug/ml
16) T n-Octacosane (C28)	17.108	2902580	18.949 ug/ml
17) T n-Tricontane (C30)	17.998	2858667	18.702 ug/ml
18) T n-Dotriacontane (C32)	18.831	2961587	18.969 ug/ml
19) T n-Tetratriacontane (C34)	19.616	2983646	19.253 ug/ml
20) T n-Hexatriacontane (C36)	20.358	2909969	19.157 ug/mlm
21) T n-Octatriacontane (C38)	21.082	3124809	20.003 ug/ml
22) T n-Tetracontane (C40)	21.959	3379862	21.176 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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