

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102122AL\
 Data File : FE038254.D
 Signal(s) : FID1B.ch
 Acq On : 21 Oct 2022 09:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2022
 Supervised By :Ankita Jodhani 10/24/2022

Integration File: sample.E
 Quant Time: Oct 21 11:14:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.602	3027143	17.502 ug/ml
Spiked Amount 50.000		Recovery =	35.00%
12) S 1-chlorooctadecane (S...	13.024	2365169	17.499 ug/ml
Spiked Amount 50.000		Recovery =	35.00%
Target Compounds			
1) T n-Nonane (C9)	2.991	2739797	18.603 ug/ml
2) T n-Decane (C10)	4.249	2903109	19.636 ug/ml
3) T A~Naphthalene (C11.7)	5.973	2687416	19.625 ug/ml
4) T n-Dodecane (C12)	6.423	2985134	19.590 ug/ml
5) T A~2-methylnaphthalene...	7.067	2657317	19.994 ug/ml
6) T n-Tetradecane (C14)	8.242	2973183	19.426 ug/ml
7) T n-Hexadecane (C16)	9.841	2986701	19.121 ug/ml
8) T n-Octadecane (C18)	11.277	2972439	18.531 ug/ml
10) T n-Eicosane (C20)	12.580	2912021	17.857 ug/ml
11) T n-Heneicosane (C21)	13.189	2858465	17.349 ug/ml
13) T n-Docosane (C22)	13.771	2880212	17.497 ug/ml
14) T n-Tetracosane (C24)	14.870	2857893	17.426 ug/ml
15) T n-Hexacosane (C26)	15.885	2833937	17.379 ug/ml
16) T n-Octacosane (C28)	16.830	2922836	18.245 ug/ml
17) T n-Tricontane (C30)	17.714	3252428	20.324 ug/ml
18) T n-Dotriacontane (C32)	18.543	3400793	21.596 ug/ml
19) T n-Tetratriacontane (C34)	19.323	3286571	22.183 ug/ml
20) T n-Hexatriacontane (C36)	20.060	3185395	22.095 ug/ml
21) T n-Octatriacontane (C38)	20.758	3177059	23.412 ug/ml
22) T n-Tetracontane (C40)	21.529	3008568	23.635 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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