

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052423AL\
 Data File : FE042205.D
 Signal(s) : FID1B.ch
 Acq On : 25 May 2023 02:10
 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 05/25/2023
 Supervised By :Ankita Jodhani 05/25/2023

Integration File: sample.E
 Quant Time: May 25 06:35:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.961	3915526	22.174 ug/ml
Spiked Amount 50.000		Recovery =	44.35%
12) S 1-chlorooctadecane (S...	13.398	2874009	21.629 ug/ml
Spiked Amount 50.000		Recovery =	43.26%
Target Compounds			
1) T n-Nonane (C9)	3.347	3191462	22.133 ug/ml
2) T n-Decane (C10)	4.596	3269921	22.089 ug/ml
3) T A~Naphthalene (C11.7)	6.303	3625566	22.221 ug/ml
4) T n-Dodecane (C12)	6.764	3337101	22.254 ug/ml
5) T A~2-methylnaphthalene...	7.399	3506567	22.095 ug/ml
6) T n-Tetradecane (C14)	8.592	3321962	22.175 ug/ml
7) T n-Hexadecane (C16)	10.199	3447856	22.134 ug/ml
8) T n-Octadecane (C18)	11.642	3480273	22.008 ug/ml
10) T n-Eicosane (C20)	12.952	3326321	21.944 ug/ml
11) T n-Heneicosane (C21)	13.563	3243499	21.893 ug/ml
13) T n-Docosane (C22)	14.150	3193860	21.787 ug/ml
14) T n-Tetracosane (C24)	15.252	3131275	21.691 ug/ml
15) T n-Hexacosane (C26)	16.274	3021856	21.819 ug/ml
16) T n-Octacosane (C28)	17.222	2938819	21.951 ug/ml
17) T n-Tricontane (C30)	18.110	3013551	22.324 ug/ml
18) T n-Dotriacontane (C32)	18.943	2972549	22.251 ug/ml
19) T n-Tetratriacontane (C34)	19.727	2808761	21.358 ug/ml
20) T n-Hexatriacontane (C36)	20.465	2708164	20.836 ug/mlm
21) T n-Octatriacontane (C38)	21.216	2655760	19.575 ug/ml
22) T n-Tetracontane (C40)	22.150	2552400	18.347 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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