

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081523AL\
 Data File : FE043977.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2023 01:51
 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 08/16/2023
 Supervised By :Ankita Jodhani 08/16/2023

Integration File: autoint1.e
 Quant Time: Aug 16 02:24:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.952	3772778	18.308 ug/ml
Spiked Amount 50.000		Recovery =	36.62%
12) S 1-chlorooctadecane (S...	13.390	2830289	18.137 ug/ml
Spiked Amount 50.000		Recovery =	36.27%
Target Compounds			
1) T n-Nonane (C9)	3.341	3216721	19.919 ug/ml
2) T n-Decane (C10)	4.591	3301813	20.034 ug/ml
3) T A~Naphthalene (C11.7)	6.293	3625363	19.912 ug/ml
4) T n-Dodecane (C12)	6.755	3352561	20.032 ug/ml
5) T A~2-methylnaphthalene...	7.388	3501779	19.670 ug/ml
6) T n-Tetradecane (C14)	8.581	3336802	19.805 ug/ml
7) T n-Hexadecane (C16)	10.189	3423247	19.406 ug/ml
8) T n-Octadecane (C18)	11.634	3427584	18.921 ug/ml
10) T n-Eicosane (C20)	12.943	3276335	18.514 ug/ml
11) T n-Heneicosane (C21)	13.556	3202391	18.086 ug/ml
13) T n-Docosane (C22)	14.143	3153319	17.978 ug/ml
14) T n-Tetracosane (C24)	15.247	3083079	17.547 ug/ml
15) T n-Hexacosane (C26)	16.269	2966243	17.162 ug/ml
16) T n-Octacosane (C28)	17.220	2823304	16.874 ug/ml
17) T n-Tricontane (C30)	18.109	2828390	17.077 ug/ml
18) T n-Dotriacontane (C32)	18.942	2752798	17.435 ug/ml
19) T n-Tetratriacontane (C34)	19.727	2700106	18.170 ug/mlm
20) T n-Hexatriacontane (C36)	20.468	2642325	18.904 ug/mlm
21) T n-Octatriacontane (C38)	21.215	2803287	21.013 ug/ml
22) T n-Tetracontane (C40)	22.143	2904510	22.511 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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