

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080322AL\
 Data File : FE036855.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2022 22:33
 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 08/04/2022
 Supervised By :Ankita Jodhani 08/04/2022

Integration File: autoint1.e
 Quant Time: Aug 03 23:01:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.832	3290975	17.670 ug/ml
Spiked Amount 50.000		Recovery =	35.34%
12) S 1-chlorooctadecane (S...	13.272	2581981	16.971 ug/ml
Spiked Amount 50.000		Recovery =	33.94%
Target Compounds			
1) T n-Nonane (C9)	3.224	2946998	19.117 ug/ml
2) T n-Decane (C10)	4.478	2964645	19.232 ug/ml
3) T A~Naphthalene (C11.7)	6.179	3248888	19.012 ug/ml
4) T n-Dodecane (C12)	6.646	3017015	19.210 ug/ml
5) T A~2-methylnaphthalene...	7.275	3215548	18.709 ug/ml
6) T n-Tetradecane (C14)	8.472	3043878	18.645 ug/ml
7) T n-Hexadecane (C16)	10.079	3018492	18.313 ug/ml
8) T n-Octadecane (C18)	11.520	3038246	17.877 ug/ml
10) T n-Eicosane (C20)	12.829	2951646	17.352 ug/ml
11) T n-Heneicosane (C21)	13.440	2930338	17.121 ug/ml
13) T n-Docosane (C22)	14.026	2882488	16.883 ug/ml
14) T n-Tetracosane (C24)	15.129	2842929	16.678 ug/ml
15) T n-Hexacosane (C26)	16.150	2698856	16.143 ug/ml
16) T n-Octacosane (C28)	17.100	2635588	16.137 ug/ml
17) T n-Tricontane (C30)	17.990	2524396	16.612 ug/ml
18) T n-Dotriacontane (C32)	18.823	2096401	17.431 ug/ml
19) T n-Tetratriacontane (C34)	19.605	1540627	18.500 ug/mlm
20) T n-Hexatriacontane (C36)	20.345	1179588	20.089 ug/ml
21) T n-Octatriacontane (C38)	21.069	1003991	20.025 ug/ml
22) T n-Tetracontane (C40)	21.950	1052872	20.388 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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