

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080222AL\
 Data File : FE036813.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2022 09:19
 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 08/03/2022
 Supervised By :Ankita Jodhani 08/03/2022

Integration File: autoint1.e
 Quant Time: Aug 03 04:53:27 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)	11.834	3333217	17.897 ug/ml
Spiked Amount 50.000		Recovery =	35.79%
12) S 1-chlorooctadecane (S...	13.274	2617244	17.202 ug/ml
Spiked Amount 50.000		Recovery =	34.40%
Target Compounds			
1) T n-Nonane (C9)	3.226	2960273	19.203 ug/ml
2) T n-Decane (C10)	4.480	2965348	19.237 ug/ml
3) T A~Naphthalene (C11.7)	6.180	3257390	19.062 ug/ml
4) T n-Dodecane (C12)	6.648	3016732	19.208 ug/ml
5) T A~2-methylnaphthalene...	7.276	3230683	18.797 ug/ml
6) T n-Tetradecane (C14)	8.474	3029991	18.560 ug/ml
7) T n-Hexadecane (C16)	10.080	3026041	18.359 ug/ml
8) T n-Octadecane (C18)	11.522	3045115	17.918 ug/ml
10) T n-Eicosane (C20)	12.830	2986639	17.558 ug/ml
11) T n-Heneicosane (C21)	13.443	2971197	17.360 ug/ml
13) T n-Docosane (C22)	14.028	2947934	17.266 ug/ml
14) T n-Tetracosane (C24)	15.132	2928026	17.177 ug/ml
15) T n-Hexacosane (C26)	16.152	2790000	16.688 ug/ml
16) T n-Octacosane (C28)	17.103	2710510	16.596 ug/ml
17) T n-Tricontane (C30)	17.991	2541801	16.727 ug/ml
18) T n-Dotriacontane (C32)	18.823	2068195	17.196 ug/ml
19) T n-Tetratriacontane (C34)	19.606	1503117	18.050 ug/mlm
20) T n-Hexatriacontane (C36)	20.348	1150227	19.589 ug/mlm
21) T n-Octatriacontane (C38)	21.071	988787	19.721 ug/mlm
22) T n-Tetracontane (C40)	21.951	953777	18.469 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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