

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080122AL\
 Data File : FE036795.D
 Signal(s) : FID1B.ch
 Acq On : 01 Aug 2022 21:16
 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 08/02/2022
 Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e
 Quant Time: Aug 02 04:32:14 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)	11.836	3236096	17.375 ug/ml
Spiked Amount 50.000		Recovery =	34.75%
12) S 1-chlorooctadecane (S...	13.276	2546029	16.734 ug/ml
Spiked Amount 50.000		Recovery =	33.47%
Target Compounds			
1) T n-Nonane (C9)	3.227	2880018	18.682 ug/ml
2) T n-Decane (C10)	4.481	2886223	18.724 ug/ml
3) T A~Naphthalene (C11.7)	6.182	3159071	18.486 ug/ml
4) T n-Dodecane (C12)	6.649	2948524	18.774 ug/ml
5) T A~2-methylnaphthalene...	7.277	3150132	18.329 ug/ml
6) T n-Tetradecane (C14)	8.475	2972034	18.205 ug/ml
7) T n-Hexadecane (C16)	10.082	2956674	17.938 ug/ml
8) T n-Octadecane (C18)	11.523	2966193	17.453 ug/ml
10) T n-Eicosane (C20)	12.832	2899414	17.045 ug/ml
11) T n-Heneicosane (C21)	13.443	2882560	16.842 ug/ml
13) T n-Docosane (C22)	14.029	2850865	16.698 ug/ml
14) T n-Tetracosane (C24)	15.134	2835443	16.634 ug/ml
15) T n-Hexacosane (C26)	16.154	2677149	16.013 ug/ml
16) T n-Octacosane (C28)	17.104	2598298	15.909 ug/ml
17) T n-Tricontane (C30)	17.991	2433145	16.012 ug/ml
18) T n-Dotriacontane (C32)	18.824	1969748	16.378 ug/ml
19) T n-Tetratriacontane (C34)	19.611	1511044	18.145 ug/mlm
20) T n-Hexatriacontane (C36)	20.351	1237771	21.080 ug/ml
21) T n-Octatriacontane (C38)	21.073	960004	19.147 ug/mlm
22) T n-Tetracontane (C40)	21.953	1036126	20.064 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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