

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040323AL\
 Data File : FE041121.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2023 11:42
 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 04/04/2023
 Supervised By :Ankita Jodhani 04/04/2023

Integration File: autoint1.e
 Quant Time: Apr 03 22:19:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.855	3483975	18.538 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
12) S 1-chlorooctadecane (S...	13.295	2692126	18.711 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
Target Compounds			
1) T n-Nonane (C9)	3.251	3151781	18.164 ug/ml
2) T n-Decane (C10)	4.498	3141798	18.458 ug/ml
3) T A~Naphthalene (C11.7)	6.201	3444716	18.833 ug/ml
4) T n-Dodecane (C12)	6.663	3199853	18.447 ug/ml
5) T A~2-methylnaphthalene...	7.297	3238330	19.553 ug/ml
6) T n-Tetradecane (C14)	8.490	3233359	18.544 ug/ml
7) T n-Hexadecane (C16)	10.098	3311580	18.620 ug/ml
8) T n-Octadecane (C18)	11.540	3343321	18.725 ug/ml
10) T n-Eicosane (C20)	12.851	3204281	18.785 ug/ml
11) T n-Heneicosane (C21)	13.463	3180731	18.800 ug/ml
13) T n-Docosane (C22)	14.050	3143160	18.994 ug/ml
14) T n-Tetracosane (C24)	15.154	3126611	19.326 ug/ml
15) T n-Hexacosane (C26)	16.177	3044107	19.637 ug/ml
16) T n-Octacosane (C28)	17.129	3043150	19.866 ug/ml
17) T n-Tricontane (C30)	18.018	3157959	20.660 ug/ml
18) T n-Dotriacontane (C32)	18.851	3125140	20.017 ug/ml
19) T n-Tetratriacontane (C34)	19.636	3042963	19.636 ug/ml
20) T n-Hexatriacontane (C36)	20.379	2921533	19.233 ug/mlm
21) T n-Octatriacontane (C38)	21.107	3008378	19.258 ug/ml
22) T n-Tetracontane (C40)	21.994	3503364	21.950 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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