

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032523AL\
 Data File : FE041024.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2023 05:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/27/2023
 Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e
 Quant Time: Mar 25 06:35:40 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)	11.864	3710725	19.744 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
12) S 1-chlorooctadecane (S...	13.302	2849023	19.801 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
Target Compounds			
1) T n-Nonane (C9)	3.261	3412128	19.665 ug/ml
2) T n-Decane (C10)	4.508	3358227	19.729 ug/ml
3) T A~Naphthalene (C11.7)	6.211	3644616	19.926 ug/ml
4) T n-Dodecane (C12)	6.673	3411391	19.667 ug/ml
5) T A~2-methylnaphthalene...	7.307	3382586	20.425 ug/ml
6) T n-Tetradecane (C14)	8.499	3432407	19.685 ug/ml
7) T n-Hexadecane (C16)	10.106	3496052	19.657 ug/ml
8) T n-Octadecane (C18)	11.549	3527590	19.757 ug/ml
10) T n-Eicosane (C20)	12.857	3356151	19.676 ug/ml
11) T n-Heneicosane (C21)	13.469	3343752	19.764 ug/ml
13) T n-Docosane (C22)	14.056	3277371	19.805 ug/ml
14) T n-Tetracosane (C24)	15.159	3187339	19.701 ug/ml
15) T n-Hexacosane (C26)	16.181	3056316	19.716 ug/ml
16) T n-Octacosane (C28)	17.132	3012334	19.665 ug/ml
17) T n-Tricontane (C30)	18.020	3002331	19.642 ug/ml
18) T n-Dotriacontane (C32)	18.854	3042448	19.487 ug/ml
19) T n-Tetratriacontane (C34)	19.640	2992932	19.313 ug/ml
20) T n-Hexatriacontane (C36)	20.381	2915947	19.197 ug/mlm
21) T n-Octatriacontane (C38)	21.110	2968927	19.005 ug/ml
22) T n-Tetracontane (C40)	21.999	3057268	19.155 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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