

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021225AL\
 Data File : FE052370.D
 Signal(s) : FID1B.ch
 Acq On : 12 Feb 2025 16:08
 Operator : YP\AJ
 Sample : Q1353-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 346MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/13/2025
 Supervised By :Ankita Jodhani 02/13/2025

Integration File: autoint1.e
 Quant Time: Feb 13 00:27:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 07 07:52:07 2025
 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)	12.325	3622358	29.267 ug/mlm
Spiked Amount 50.000		Recovery =	58.53%
12) S 1-chlorooctadecane (S...	13.736	3025670	30.658 ug/ml
Spiked Amount 50.000		Recovery =	61.32%
Target Compounds			
1) T n-Nonane (C9)	3.794	2502415	26.791 ug/ml
2) T n-Decane (C10)	5.021	2866667	29.851 ug/ml
3) T A~Naphthalene (C11.7)	6.723	3580688	33.504 ug/ml
4) T n-Dodecane (C12)	7.149	3208979	32.376 ug/ml
5) T A~2-methylnaphthalene...	7.804	3478381	33.212 ug/ml
6) T n-Tetradecane (C14)	8.958	3546032	35.140 ug/ml
7) T n-Hexadecane (C16)	10.552	3729090	34.365 ug/ml
8) T n-Octadecane (C18)	11.986	3833207	33.743 ug/ml
10) T n-Eicosane (C20)	13.289	3960823	35.098 ug/ml
11) T n-Heneicosane (C21)	13.897	3808621	33.820 ug/ml
13) T n-Docosane (C22)	14.481	3756659	33.189 ug/ml
14) T n-Tetracosane (C24)	15.564	7788083	67.735 ug/ml
15) T n-Hexacosane (C26)	16.596	3606403	31.447 ug/ml
16) T n-Octacosane (C28)	17.541	3497760	30.914 ug/ml
17) T n-Tricontane (C30)	18.425	3521230	30.902 ug/ml
18) T n-Dotriacontane (C32)	19.254	3418875	31.358 ug/ml
19) T n-Tetratriacontane (C34)	20.034	3202531	33.756 ug/mlm
20) T n-Hexatriacontane (C36)	20.771	3014857	36.487 ug/ml
21) T n-Octatriacontane (C38)	21.590	3252637	43.782 ug/ml
22) T n-Tetracontane (C40)	22.635	3314323	44.455 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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