

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101723AL\
 Data File : FE044900.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2023 16:58
 Operator : YP\AJ
 Sample : 04905-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LSS-B4-COMP-101323MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :Ankita Jodhani 10/18/2023

Integration File: autoint1.e
 Quant Time: Oct 17 17:59:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 Qlast Update : Thu Oct 12 06:15:32 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)	11.904	3888539	19.398 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
12) S 1-chlorooctadecane (S...	13.345	2917693	19.716 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T n-Nonane (C9)	3.293	4588788	27.354 ug/ml
2) T n-Decane (C10)	4.543	5302034	31.124 ug/ml
3) T A~Naphthalene (C11.7)	6.242	6025502	32.550 ug/ml
4) T n-Dodecane (C12)	6.707	5779023	33.478 ug/ml
5) T A~2-methylnaphthalene...	7.337	5988770	33.199 ug/ml
6) T n-Tetradecane (C14)	8.536	5981115	34.880 ug/ml
7) T n-Hexadecane (C16)	10.145	6325522	36.173 ug/ml
8) T n-Octadecane (C18)	11.591	6628753	38.006 ug/ml
10) T n-Eicosane (C20)	12.903	6715315	40.204 ug/ml
11) T n-Heneicosane (C21)	13.516	6409918	39.322 ug/ml
13) T n-Docosane (C22)	14.103	6316387	39.489 ug/ml
14) T n-Tetracosane (C24)	15.187	12084006	77.863 ug/mlm
15) T n-Hexacosane (C26)	16.233	5917778	39.416 ug/ml
16) T n-Octacosane (C28)	17.182	5903868	40.205 ug/ml
17) T n-Tricontane (C30)	18.073	5837579	39.250 ug/ml
18) T n-Dotriacontane (C32)	18.905	5853242	38.997 ug/ml
19) T n-Tetratriacontane (C34)	19.690	5907347	39.683 ug/ml
20) T n-Hexatriacontane (C36)	20.429	5718217	37.194 ug/mlm
21) T n-Octatriacontane (C38)	21.170	6030222	38.603 ug/ml
22) T n-Tetracontane (C40)	22.089	6357123	38.039 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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