

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021025AL\
 Data File : FE052323.D
 Signal(s) : FID1B.ch
 Acq On : 10 Feb 2025 18:28
 Operator : YP\AJ
 Sample : Q1340-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

RV-SOILMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/11/2025

Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e

Quant Time: Feb 11 04:00:55 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)	12.311	3168732	25.602 ug/ml
Spiked Amount 50.000		Recovery =	51.20%
12) S 1-chlorooctadecane (S...	13.723	2610996	26.456 ug/ml
Spiked Amount 50.000		Recovery =	52.91%
Target Compounds			
1) T n-Nonane (C9)	3.775	2591528	27.745 ug/ml
2) T n-Decane (C10)	5.003	2915294	30.357 ug/ml
3) T A~Naphthalene (C11.7)	6.705	3546638	33.186 ug/ml
4) T n-Dodecane (C12)	7.133	3221658	32.504 ug/ml
5) T A~2-methylnaphthalene...	7.787	3429240	32.743 ug/ml
6) T n-Tetradecane (C14)	8.943	3500865	34.692 ug/ml
7) T n-Hexadecane (C16)	10.538	3672051	33.839 ug/ml
8) T n-Octadecane (C18)	11.973	3768631	33.174 ug/ml
10) T n-Eicosane (C20)	13.276	3889783	34.468 ug/mlm
11) T n-Heneicosane (C21)	13.885	3758304	33.373 ug/ml
13) T n-Docosane (C22)	14.469	3733045	32.980 ug/ml
14) T n-Tetracosane (C24)	15.548	7738635	67.305 ug/mlm
15) T n-Hexacosane (C26)	16.584	3590846	31.311 ug/ml
16) T n-Octacosane (C28)	17.529	3500098	30.935 ug/ml
17) T n-Tricontane (C30)	18.414	3510094	30.804 ug/mlm
18) T n-Dotriacontane (C32)	19.242	3396238	31.151 ug/ml
19) T n-Tetratriacontane (C34)	20.022	3214774	33.885 ug/mlm
20) T n-Hexatriacontane (C36)	20.759	3010065	36.429 ug/ml
21) T n-Octatriacontane (C38)	21.574	2962536	39.877 ug/ml
22) T n-Tetracontane (C40)	22.615	2842847	38.131 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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