

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021125AL\
 Data File : FE052352.D
 Signal(s) : FID1B.ch
 Acq On : 11 Feb 2025 16:53
 Operator : YP\AJ
 Sample : Q1346-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/12/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File: autoint1.e
 Quant Time: Feb 12 01:20:12 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)	12.312	3236839	26.152 ug/ml
Spiked Amount 50.000		Recovery =	52.30%
12) S 1-chlorooctadecane (S...	13.724	2764976	28.016 ug/mlm
Spiked Amount 50.000		Recovery =	56.03%
Target Compounds			
1) T n-Nonane (C9)	3.779	2652112	28.394 ug/ml
2) T n-Decane (C10)	5.006	2958316	30.805 ug/ml
3) T A~Naphthalene (C11.7)	6.708	3615028	33.826 ug/ml
4) T n-Dodecane (C12)	7.135	3222966	32.517 ug/ml
5) T A~2-methylnaphthalene...	7.789	3486390	33.288 ug/ml
6) T n-Tetradecane (C14)	8.945	3519947	34.881 ug/ml
7) T n-Hexadecane (C16)	10.540	3630726	33.458 ug/ml
8) T n-Octadecane (C18)	11.974	3757000	33.072 ug/ml
10) T n-Eicosane (C20)	13.278	4001357	35.457 ug/ml
11) T n-Heneicosane (C21)	13.886	3775176	33.523 ug/ml
13) T n-Docosane (C22)	14.469	3819439	33.744 ug/ml
14) T n-Tetracosane (C24)	15.550	8242097	71.684 ug/ml
15) T n-Hexacosane (C26)	16.585	3553443	30.985 ug/ml
16) T n-Octacosane (C28)	17.530	3447862	30.473 ug/ml
17) T n-Tricontane (C30)	18.414	3526497	30.948 ug/ml
18) T n-Dotriacontane (C32)	19.243	3432876	31.487 ug/mlm
19) T n-Tetratriacontane (C34)	20.022	3147163	33.173 ug/mlm
20) T n-Hexatriacontane (C36)	20.762	2868623	34.717 ug/mlm
21) T n-Octatriacontane (C38)	21.574	2743954	36.935 ug/ml
22) T n-Tetracontane (C40)	22.615	2671936	35.838 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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