

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121824AL\
 Data File : FE051683.D
 Signal(s) : FID1B.ch
 Acq On : 18 Dec 2024 15:58
 Operator : YP\AJ
 Sample : P5312-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-VNJ-222MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2024
 Supervised By :Ankita Jodhani 12/19/2024

Integration File: autoint1.e
 Quant Time: Dec 19 01:10:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 2024
 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)	12.008	4698677	29.267 ug/ml
Spiked Amount 50.000		Recovery =	58.53%
12) S 1-chlorooctadecane (S...	13.428	3825638	30.327 ug/ml
Spiked Amount 50.000		Recovery =	60.65%
Target Compounds			
1) T n-Nonane (C9)	3.490	4773305	39.837 ug/ml
2) T n-Decane (C10)	4.720	5564653	44.756 ug/ml
3) T A~Naphthalene (C11.7)	6.403	6951856	48.785 ug/ml
4) T n-Dodecane (C12)	6.852	6608137	50.785 ug/ml
5) T A~2-methylnaphthalene...	7.485	6919126	48.892 ug/ml
6) T n-Tetradecane (C14)	8.663	7408200	55.252 ug/ml
7) T n-Hexadecane (C16)	10.256	7874450	55.101 ug/ml
8) T n-Octadecane (C18)	11.689	8124804	55.116 ug/mlm
10) T n-Eicosane (C20)	12.989	8284477	57.585 ug/ml
11) T n-Heneicosane (C21)	13.596	7998502	56.285 ug/ml
13) T n-Docosane (C22)	14.177	7806563	55.373 ug/ml
14) T n-Tetracosane (C24)	15.267	15265141	109.409 ug/ml
15) T n-Hexacosane (C26)	16.285	7325287	54.367 ug/ml
16) T n-Octacosane (C28)	17.225	7077236	54.403 ug/ml
17) T n-Tricontane (C30)	18.108	7074331	53.454 ug/ml
18) T n-Dotriacontane (C32)	18.932	6962607	55.538 ug/ml
19) T n-Tetratriacontane (C34)	19.709	6637025	60.325 ug/ml
20) T n-Hexatriacontane (C36)	20.441	6072580	63.248 ug/ml
21) T n-Octatriacontane (C38)	21.177	5887280	65.381 ug/ml
22) T n-Tetracontane (C40)	22.099	5777095	59.189 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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