

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042924AL\
 Data File : FE047865.D
 Signal(s) : FID1B.ch
 Acq On : 29 Apr 2024 18:09
 Operator : YP\AJ
 Sample : P2283-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EXCAV-SOIL-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/30/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File: autoint1.e
 Quant Time: Apr 30 01:51:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.974	5015054	34.763 ug/ml
Spiked Amount 50.000		Recovery =	69.53%
12) S 1-chlorooctadecane (S...	13.406	4178476	37.394 ug/mlm
Spiked Amount 50.000		Recovery =	74.79%
Target Compounds			
1) T n-Nonane (C9)	3.353	2216503	17.198 ug/ml
2) T n-Decane (C10)	4.606	2902153	22.044 ug/ml
3) T A~Naphthalene (C11.7)	6.314	4057033	29.381 ug/ml
4) T n-Dodecane (C12)	6.773	4206547	31.554 ug/ml
5) T A~2-methylnaphthalene...	7.411	4707157	35.372 ug/ml
6) T n-Tetradecane (C14)	8.602	5284241	39.875 ug/ml
7) T n-Hexadecane (C16)	10.209	5967217	43.388 ug/mlm
8) T n-Octadecane (C18)	11.654	6527493	46.860 ug/ml
10) T n-Eicosane (C20)	12.964	6770755	50.286 ug/ml
11) T n-Heneicosane (C21)	13.576	6644865	50.197 ug/ml
13) T n-Docosane (C22)	14.161	6569080	49.570 ug/ml
14) T n-Tetracosane (C24)	15.256	11089022	83.280 ug/mlm
15) T n-Hexacosane (C26)	16.284	6355794	47.629 ug/mlm
16) T n-Octacosane (C28)	17.233	6606124	49.615 ug/ml
17) T n-Tricontane (C30)	18.121	6474083	46.909 ug/ml
18) T n-Dotriacontane (C32)	18.952	6439286	46.619 ug/ml
19) T n-Tetratriacontane (C34)	19.735	6681096	49.046 ug/ml
20) T n-Hexatriacontane (C36)	20.475	6735906	49.748 ug/ml
21) T n-Octatriacontane (C38)	21.216	6925550	50.161 ug/ml
22) T n-Tetracontane (C40)	22.145	6841124	49.103 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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