

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042924AL\
 Data File : FE047866.D
 Signal(s) : FID1B.ch
 Acq On : 29 Apr 2024 18:41
 Operator : YP\AJ
 Sample : P2283-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

EXCAV-SOIL-2MSD

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 01:51:59 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	4663342	32.325 ug/ml
Spiked Amount 50.000		Recovery =	64.65%
12) S 1-chlorooctadecane (S...	13.408	3944993	35.305 ug/mlm
Spiked Amount 50.000		Recovery =	70.61%
Target Compounds			
1) T n-Nonane (C9)	3.353	2059036	15.976 ug/ml
2) T n-Decane (C10)	4.606	2689632	20.429 ug/ml
3) T A~Naphthalene (C11.7)	6.314	3754987	27.194 ug/ml
4) T n-Dodecane (C12)	6.772	3893871	29.209 ug/ml
5) T A~2-methylnaphthalene...	7.410	4352350	32.706 ug/ml
6) T n-Tetradecane (C14)	8.602	4898936	36.967 ug/ml
7) T n-Hexadecane (C16)	10.209	5528988	40.201 ug/mlm
8) T n-Octadecane (C18)	11.654	6073217	43.599 ug/ml
10) T n-Eicosane (C20)	12.964	6265486	46.534 ug/ml
11) T n-Heneicosane (C21)	13.576	6170602	46.615 ug/ml
13) T n-Docosane (C22)	14.161	6096023	46.001 ug/ml
14) T n-Tetracosane (C24)	15.256	10308404	77.418 ug/mlm
15) T n-Hexacosane (C26)	16.284	5923163	44.387 ug/ml
16) T n-Octacosane (C28)	17.233	6115478	45.930 ug/ml
17) T n-Tricontane (C30)	18.120	6029478	43.688 ug/ml
18) T n-Dotriacontane (C32)	18.951	5999274	43.433 ug/mlm
19) T n-Tetratriacontane (C34)	19.735	6216979	45.638 ug/ml
20) T n-Hexatriacontane (C36)	20.474	6325294	46.716 ug/ml
21) T n-Octatriacontane (C38)	21.215	6463193	46.812 ug/ml
22) T n-Tetracontane (C40)	22.143	6414369	46.040 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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