

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061724AL\
 Data File : FE048748.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2024 22:18
 Operator : YP\AJ
 Sample : P2883-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

Soil/Gravel-SPMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/18/2024

Supervised By :Ankita Jodhani 06/18/2024

Integration File: autoint1.e

Quant Time: Jun 18 01:19:52 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M

Quant Title : GC Extractables

QLast Update : Fri May 24 16:28:51 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)	11.938	5331359	37.128 ug/ml
Spiked Amount 50.000		Recovery =	74.26%
12) S 1-chlorooctadecane (S...	13.372	4600336	42.227 ug/ml
Spiked Amount 50.000		Recovery =	84.45%
Target Compounds			
1) T n-Nonane (C9)	3.327	3850146	25.753 ug/ml
2) T n-Decane (C10)	4.576	4326219	28.650 ug/ml
3) T A~Naphthalene (C11.7)	6.280	4696684	31.543 ug/ml
4) T n-Dodecane (C12)	6.741	4349306	29.382 ug/ml
5) T A~2-methylnaphthalene...	7.376	4732691	34.133 ug/ml
6) T n-Tetradecane (C14)	8.570	4582448	32.309 ug/ml
7) T n-Hexadecane (C16)	10.176	4867987	34.530 ug/ml
8) T n-Octadecane (C18)	11.619	5029250	36.211 ug/ml
10) T n-Eicosane (C20)	12.927	5071084	38.320 ug/ml
11) T n-Heneicosane (C21)	13.538	4883423	37.701 ug/ml
13) T n-Docosane (C22)	14.124	4887229	37.926 ug/ml
14) T n-Tetracosane (C24)	15.224	9054624	69.893 ug/ml
15) T n-Hexacosane (C26)	16.246	4892161	37.746 ug/ml
16) T n-Octacosane (C28)	17.194	5009322	38.756 ug/ml
17) T n-Tricontane (C30)	18.080	5015233	37.438 ug/ml
18) T n-Dotriacontane (C32)	18.912	5147410	37.921 ug/ml
19) T n-Tetratriacontane (C34)	19.695	5108101	37.340 ug/ml
20) T n-Hexatriacontane (C36)	20.434	5178265	38.094 ug/mlm
21) T n-Octatriacontane (C38)	21.171	5415390	39.710 ug/ml
22) T n-Tetracontane (C40)	22.086	5548641	40.524 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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