

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE020524AL\  
 Data File : FE046587.D  
 Signal(s) : FID1B.ch  
 Acq On : 05 Feb 2024 20:32  
 Operator : YP\AJ  
 Sample : P1187-03  
 Misc : ALIPHATIC MDL 2.5 PPM  
 ALS Vial : 21 Sample Multiplier: 1

**Instrument :**  
 FID\_E  
**ClientSampleId :**  
 MDL-SOIL-03-QT1-2024

**Manual Integrations**  
**APPROVED**

Reviewed By :Ankita Jodhani 02/06/2024  
 Supervised By :Sohil Jodhani 02/06/2024

Integration File: autoint1.e  
 Quant Time: Feb 06 03:16:21 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 012524.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 14:56:03 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
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System Monitoring Compounds			
12) S 1-chlorooctadecane (S... Spiked Amount 50.000	13.260	4304492 Recovery =	30.255 ug/ml 60.51%
Target Compounds			
1) T n-Nonane (C9)	3.205	234074	1.449 ug/ml
2) T n-Decane (C10)	4.455	294279	1.796 ug/ml
4) T n-Dodecane (C12)	6.623	443506	2.681 ug/ml
6) T n-Tetradecane (C14)	8.449	372137	2.271 ug/ml
7) T n-Hexadecane (C16)	10.059	371542	2.174 ug/ml
8) T n-Octadecane (C18)	11.502	391051	2.243 ug/ml
10) T n-Eicosane (C20)	12.813	414958	2.444 ug/ml
11) T n-Heneicosane (C21)	13.425	414873	2.487 ug/ml
13) T n-Docosane (C22)	14.013	395873	2.390 ug/ml
14) T n-Tetracosane (C24)	15.117	401766	2.435 ug/ml
15) T n-Hexacosane (C26)	16.140	390660	2.420 ug/ml
16) T n-Octacosane (C28)	17.091	384065	2.447 ug/ml
17) T n-Tricontane (C30)	17.978	388472	2.480 ug/ml
18) T n-Dotriacontane (C32)	18.816	396044	2.620 ug/ml
19) T n-Tetratriacontane (C34)	19.601	376271	2.653 ug/ml
20) T n-Hexatriacontane (C36)	20.345	368741	2.675 ug/ml
21) T n-Octatriacontane (C38)	21.070	470877	3.673 ug/ml
22) T n-Tetracontane (C40)	21.960	558818	4.469 ug/ml
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(f)=RT Delta > 1/2 Window

(m)=manual int.

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