

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE061425AL\  
 Data File : FE054382.D  
 Signal(s) : FID1B.ch  
 Acq On : 13 Jun 2025 14:20  
 Operator : YP\AJ  
 Sample : Q2126-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 MDL-SOIL-03-QT2-2025

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
 Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e  
 Quant Time: Jun 14 00:01:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 061025.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 10 07:24:04 2025  
 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    |        |            |              |
| 12) S 1-chlorooctadecane (S... | 13.268 | 4395099    | 36.041 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 72.08%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.175  | 187417     | 1.509 ug/ml  |
| 2) T n-Decane (C10)            | 4.438  | 223888     | 1.802 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.620  | 251097     | 1.972 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.453  | 314316     | 2.428 ug/mlm |
| 7) T n-Hexadecane (C16)        | 10.065 | 320738     | 2.414 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.510 | 367547     | 2.722 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.821 | 402458     | 3.008 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.435 | 395761     | 2.976 ug/ml  |
| 13) T n-Docosane (C22)         | 14.022 | 388368     | 2.962 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.126 | 388465     | 3.011 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.149 | 365508     | 2.912 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.100 | 358477     | 2.923 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.989 | 376803     | 3.040 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.822 | 384232     | 3.058 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.606 | 381187     | 3.064 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.348 | 368023     | 2.859 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.073 | 344140     | 2.606 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.960 | 334396     | 2.482 ug/mlm |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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