

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE030625AL\  
 Data File : FE052664.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Mar 2025 17:19  
 Operator : YP\AJ  
 Sample : Q1494-05MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :  
 SOILMSD

Integration File: autoint1.e  
 Quant Time: Mar 07 02:09:25 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 030325.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 03 13:39:39 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    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.917 | 5181043    | 30.732 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 61.46%       |
| 12) S 1-chlorooctadecane (S... | 13.361 | 3945214    | 32.491 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 64.98%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.255  | 4257706    | 27.460 ug/ml |
| 2) T n-Decane (C10)            | 4.516  | 4731964    | 30.122 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.229  | 5446731    | 32.117 ug/ml |
| 4) T n-Dodecane (C12)          | 6.697  | 5176828    | 33.249 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.332  | 5203430    | 32.109 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.536  | 5490287    | 36.285 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.151 | 5666218    | 37.061 ug/ml |
| 8) T n-Octadecane (C18)        | 11.601 | 5716194    | 37.572 ug/ml |
| 10) T n-Eicosane (C20)         | 12.917 | 5783992    | 39.842 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.531 | 5523900    | 38.811 ug/ml |
| 13) T n-Docosane (C22)         | 14.120 | 5511992    | 38.732 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.214 | 11201682   | 78.274 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.253 | 5386468    | 37.881 ug/ml |
| 16) T n-Octacosane (C28)       | 17.204 | 5446893    | 38.306 ug/ml |
| 17) T n-Tricontane (C30)       | 18.097 | 5475869    | 37.074 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.930 | 5506819    | 37.931 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.716 | 5535916    | 41.074 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.457 | 5453909    | 45.899 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.202 | 5523977    | 49.794 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.129 | 5649173    | 52.251 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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