

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102824AL\  
 Data File : FC067534.D  
 Signal(s) : FID1A.ch  
 Acq On : 28 Oct 2024 09:16  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: sample.E  
 Quant Time: Oct 29 00:04:23 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 102324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 23 18:12:58 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)    | 11.493 | 2944944    | 20.070 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.14%       |
| 12) S 1-chlorooctadecane (S... | 12.931 | 2151054    | 19.919 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.84%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.273  | 2689719    | 19.965 ug/ml |
| 2) T n-Decane (C10)            | 4.338  | 2739294    | 20.106 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.915  | 2970304    | 20.044 ug/ml |
| 4) T n-Dodecane (C12)          | 6.353  | 2740471    | 20.233 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.970  | 2827262    | 20.020 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.145  | 2670635    | 20.346 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.742  | 2701718    | 20.452 ug/ml |
| 8) T n-Octadecane (C18)        | 11.181 | 2707873    | 20.497 ug/ml |
| 10) T n-Eicosane (C20)         | 12.489 | 2568750    | 20.358 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.100 | 2512784    | 20.361 ug/ml |
| 13) T n-Docosane (C22)         | 13.685 | 2492215    | 20.353 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.786 | 2467252    | 20.355 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.805 | 2430324    | 20.413 ug/ml |
| 16) T n-Octacosane (C28)       | 16.753 | 2439421    | 20.735 ug/ml |
| 17) T n-Tricontane (C30)       | 17.638 | 2563605    | 21.209 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.470 | 2555141    | 21.595 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.252 | 2239051    | 21.380 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.990 | 1905425    | 20.933 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.711 | 1783816    | 20.598 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.595 | 1730404    | 20.355 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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