

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091924AL\  
 Data File : FC067171.D  
 Signal(s) : FID1A.ch  
 Acq On : 19 Sep 2024 13:34  
 Operator : YP/AJ  
 Sample : PB163519BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 PB163519BSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 09/20/2024  
 Supervised By :Ankita Jodhani 09/20/2024

Integration File: autoint1.e  
 Quant Time: Sep 20 03:51:23 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 091024.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 11 02:55:44 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)    | 11.507 | 5856094    | 42.056 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 84.11%        |
| 12) S 1-chlorooctadecane (S... | 12.945 | 4505507    | 46.122 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 92.24%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.286  | 5103306    | 38.473 ug/ml  |
| 2) T n-Decane (C10)            | 4.348  | 5590431    | 41.624 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.924  | 6162347    | 43.359 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.361  | 5826354    | 43.527 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.979  | 5612942    | 42.033 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.156  | 6102473    | 47.352 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.755  | 6072777    | 47.103 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.196 | 6039021    | 47.201 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.503 | 5950705    | 49.542 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.115 | 5660807    | 48.468 ug/ml  |
| 13) T n-Docosane (C22)         | 13.701 | 5563389    | 48.185 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.801 | 10915497   | 96.120 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.823 | 5370609    | 48.459 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.771 | 5209616    | 48.229 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.659 | 5323908    | 48.945 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.489 | 5279987    | 50.620 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.272 | 5224705    | 56.631 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.012 | 4978286    | 62.819 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.736 | 4900627    | 65.241 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.627 | 4458498    | 63.816 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ  
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ALS Vial : 13 Sample Multiplier: 1

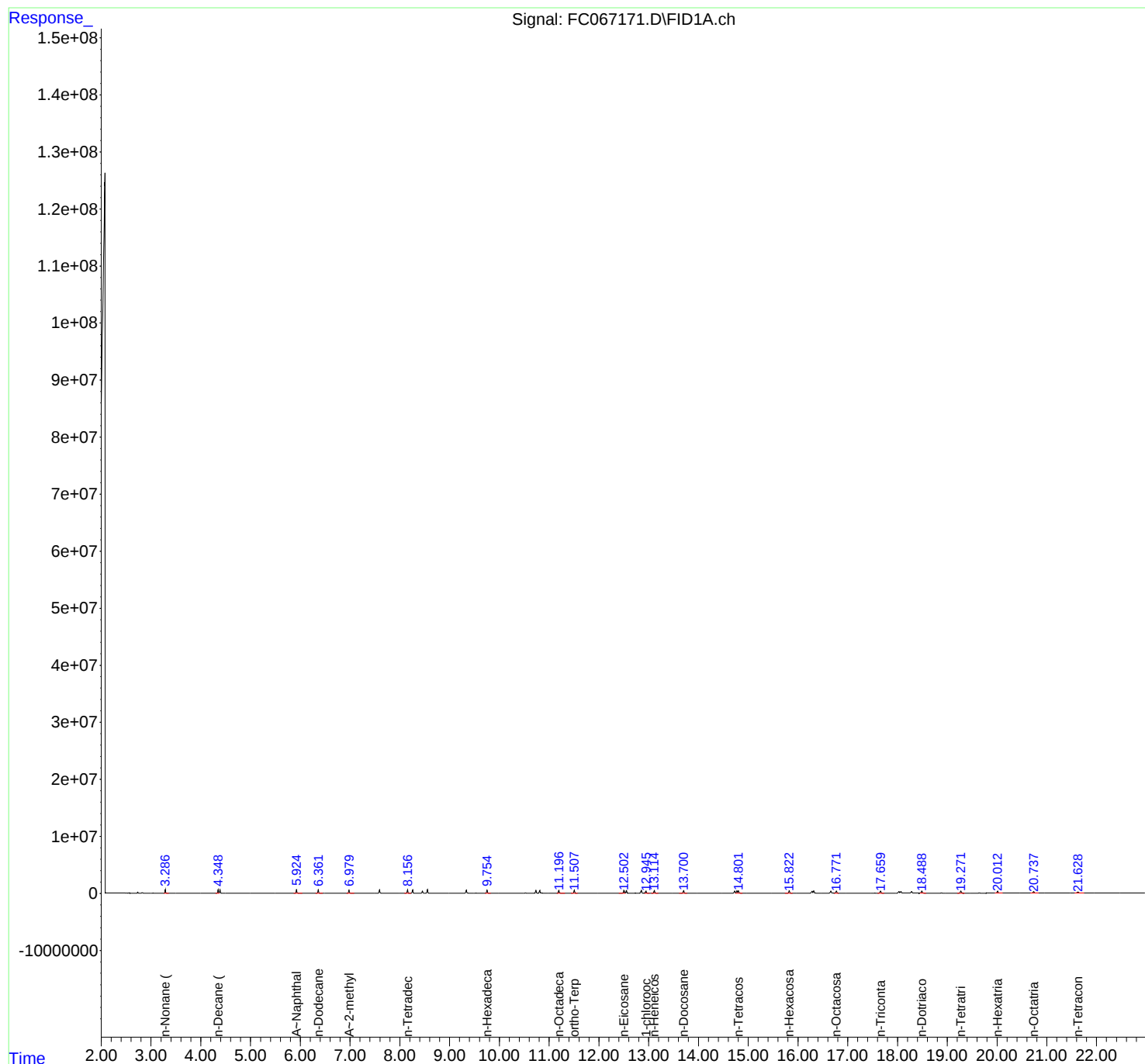
Instrument :  
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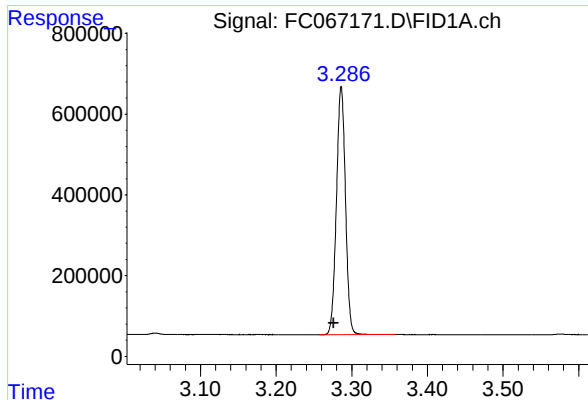
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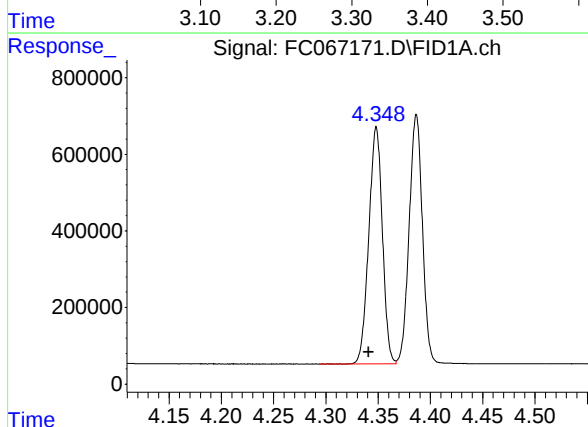
#1 n-Nonane (C9)

R.T.: 3.286 min  
Delta R.T.: 0.010 min  
Response: 5103306  
Conc: 38.47 ug/ml

Instrument :  
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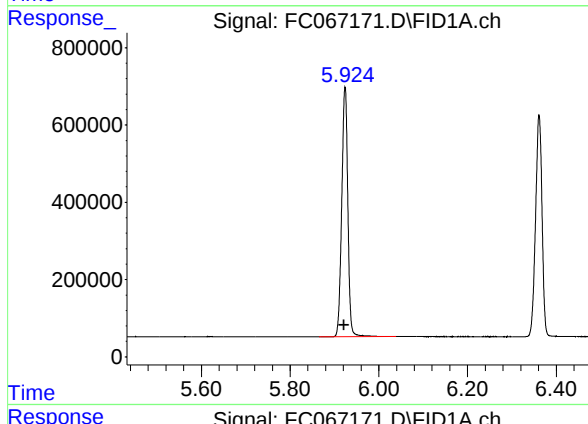
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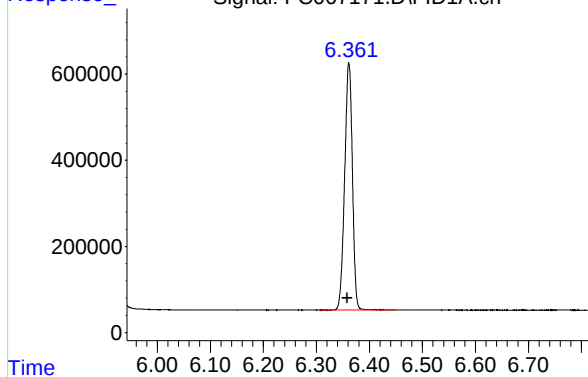
#2 n-Decane (C10)

R.T.: 4.348 min  
Delta R.T.: 0.007 min  
Response: 5590431  
Conc: 41.62 ug/ml



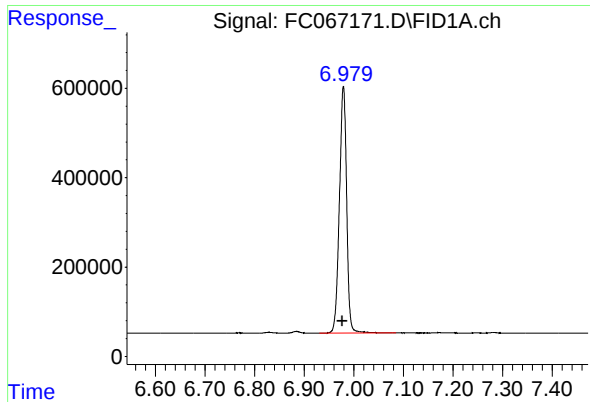
#3 A~Naphthalene (C11.7)

R.T.: 5.924 min  
Delta R.T.: 0.002 min  
Response: 6162347  
Conc: 43.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.361 min  
Delta R.T.: 0.003 min  
Response: 5826354  
Conc: 43.53 ug/ml



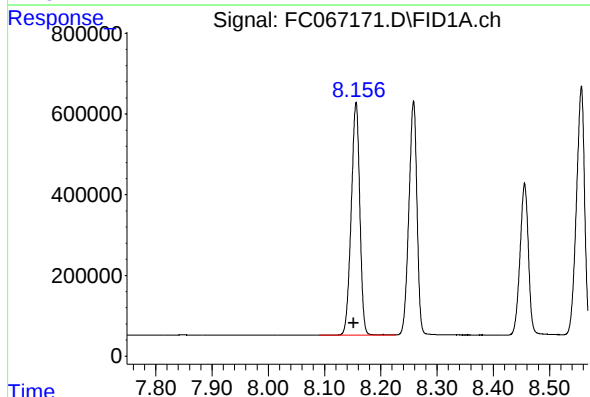
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.979 min  
Delta R.T.: 0.002 min  
Response: 5612942  
Conc: 42.03 ug/ml

Instrument :  
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PB163519BSD

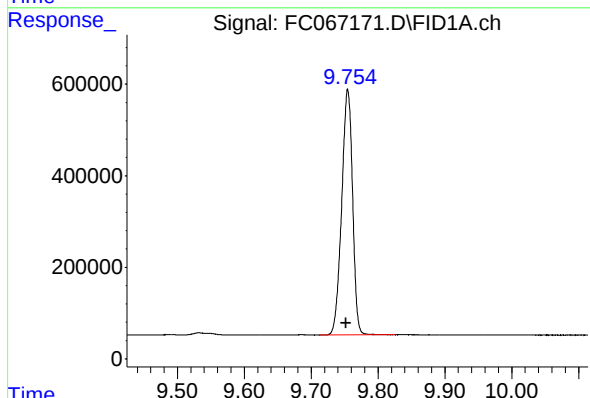
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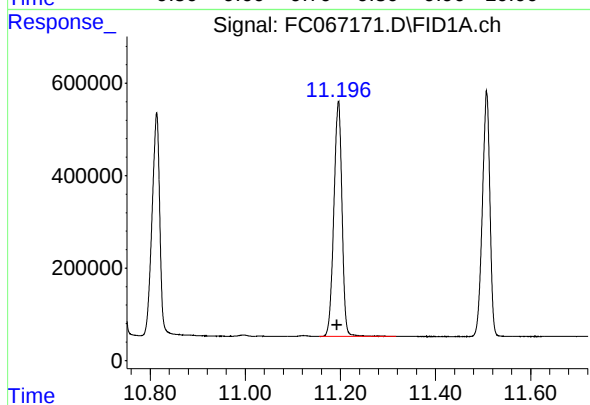
#6 n-Tetradecane (C14)

R.T.: 8.156 min  
Delta R.T.: 0.004 min  
Response: 6102473  
Conc: 47.35 ug/ml



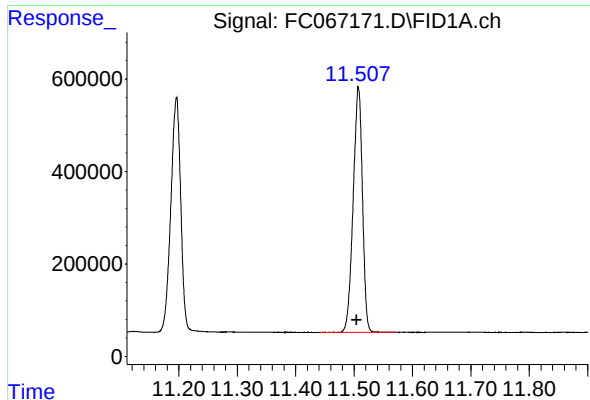
#7 n-Hexadecane (C16)

R.T.: 9.755 min  
Delta R.T.: 0.003 min  
Response: 6072777  
Conc: 47.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.196 min  
Delta R.T.: 0.003 min  
Response: 6039021  
Conc: 47.20 ug/ml



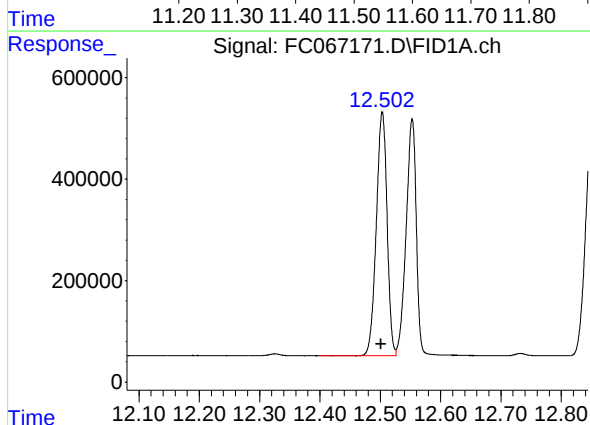
#9 ortho-Terphenyl (SURR)

R.T.: 11.507 min  
Delta R.T.: 0.003 min  
Response: 5856094  
Conc: 42.06 ug/ml

Instrument :  
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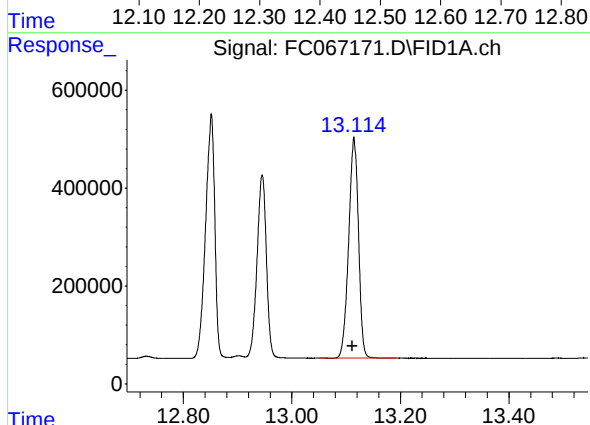
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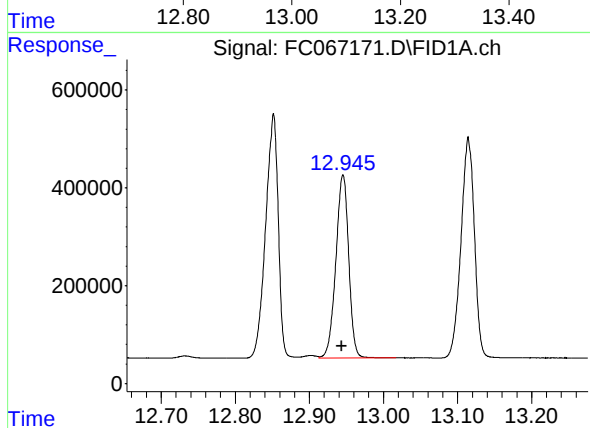
#10 n-Eicosane (C20)

R.T.: 12.503 min  
Delta R.T.: 0.002 min  
Response: 5950705  
Conc: 49.54 ug/ml



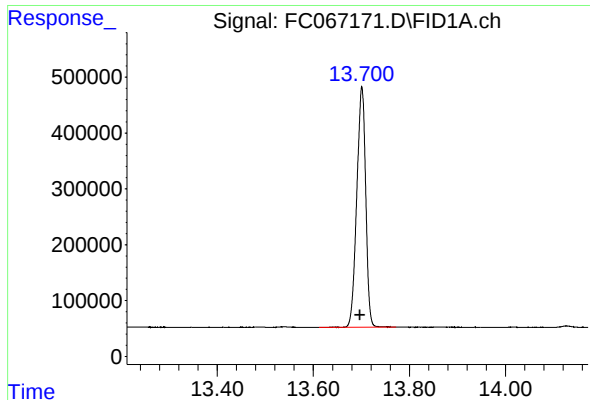
#11 n-Heneicosane (C21)

R.T.: 13.115 min  
Delta R.T.: 0.003 min  
Response: 5660807  
Conc: 48.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.945 min  
Delta R.T.: 0.002 min  
Response: 4505507  
Conc: 46.12 ug/ml



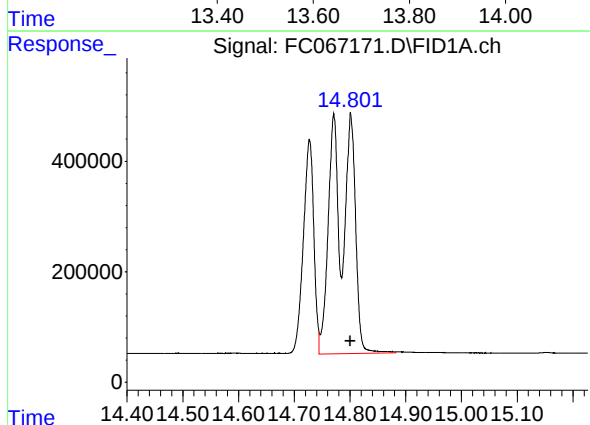
#13 n-Docosane (C22)

R.T.: 13.701 min  
Delta R.T.: 0.004 min  
Response: 5563389  
Conc: 48.18 ug/ml

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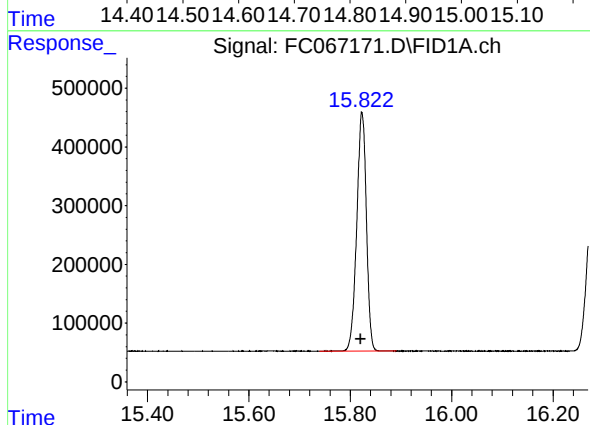
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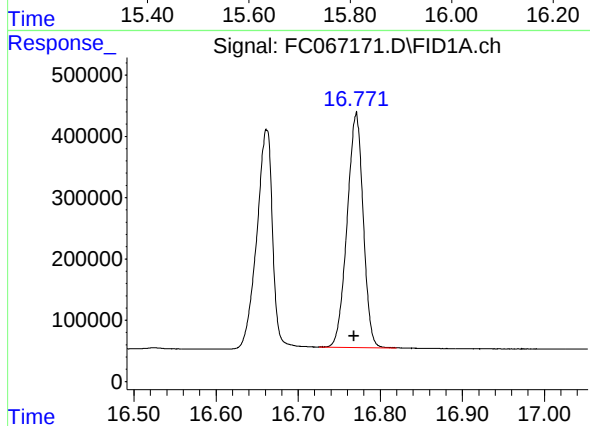
#14 n-Tetracosane (C24)

R.T.: 14.801 min  
Delta R.T.: 0.000 min  
Response: 10915497  
Conc: 96.12 ug/ml m



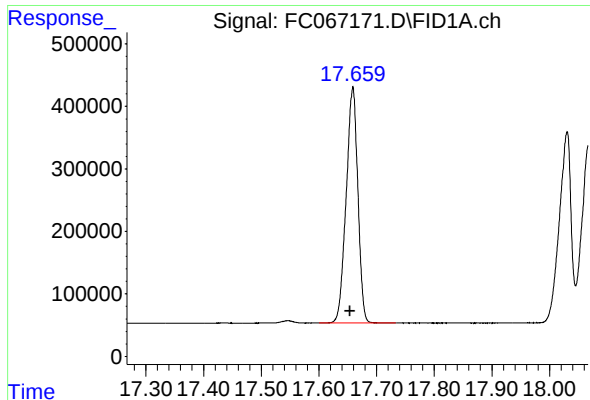
#15 n-Hexacosane (C26)

R.T.: 15.823 min  
Delta R.T.: 0.003 min  
Response: 5370609  
Conc: 48.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.771 min  
Delta R.T.: 0.003 min  
Response: 5209616  
Conc: 48.23 ug/ml m



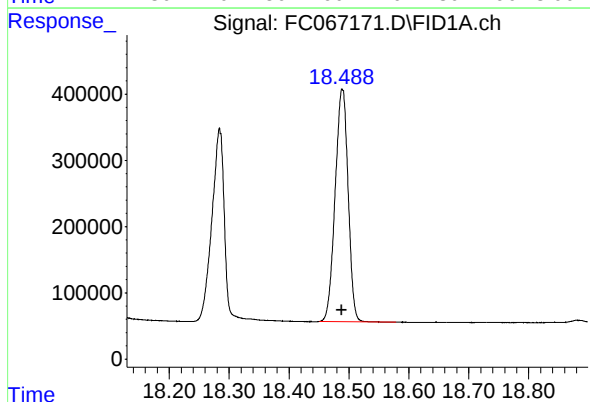
#17 n-Tricontane (C30)

R.T.: 17.659 min  
Delta R.T.: 0.004 min  
Response: 5323908  
Conc: 48.94 ug/ml

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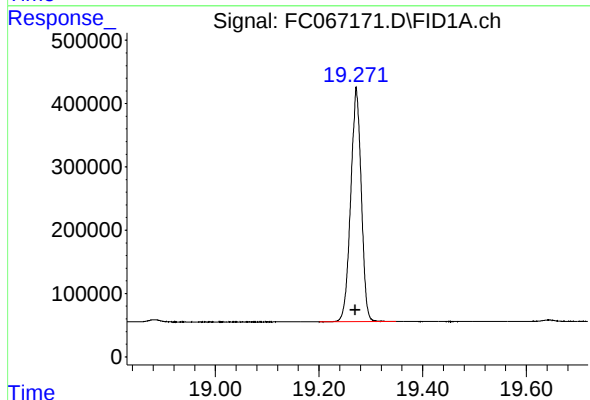
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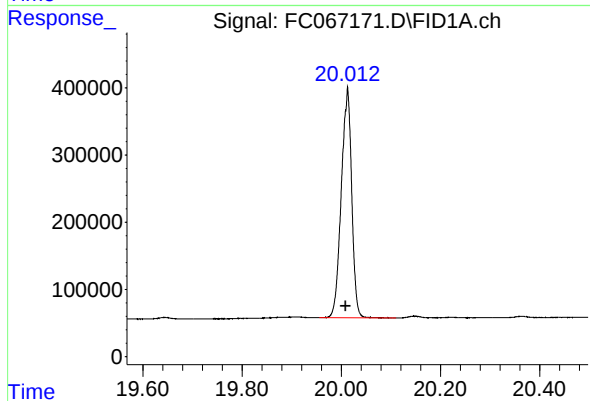
#18 n-Dotriacontane (C32)

R.T.: 18.489 min  
Delta R.T.: 0.000 min  
Response: 5279987  
Conc: 50.62 ug/ml



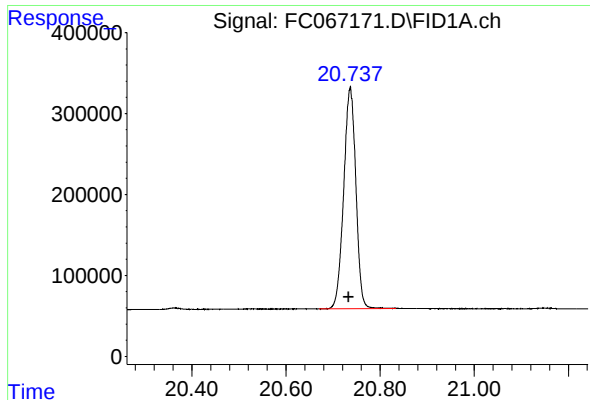
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min  
Delta R.T.: 0.002 min  
Response: 5224705  
Conc: 56.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.012 min  
Delta R.T.: 0.003 min  
Response: 4978286  
Conc: 62.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.736 min  
Delta R.T.: 0.003 min  
Response: 4900627  
Conc: 65.24 ug/ml

Instrument :

FID\_C

ClientSampleId :

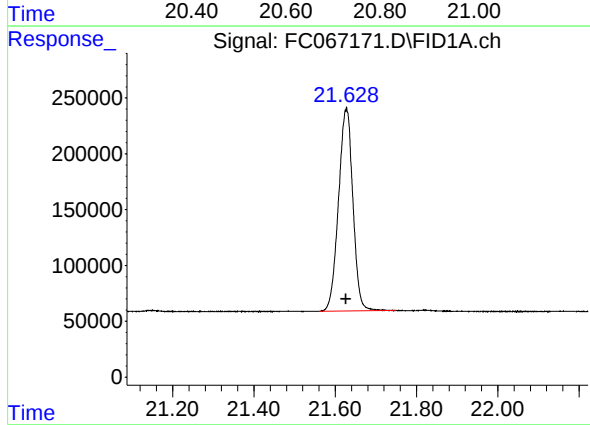
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#22 n-Tetracontane (C40)

R.T.: 21.627 min  
Delta R.T.: 0.000 min  
Response: 4458498  
Conc: 63.82 ug/ml