

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102224AL\  
 Data File : FE050757.D  
 Signal(s) : FID1B.ch  
 Acq On : 22 Oct 2024 06:57  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 22 10:55:15 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 100824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 07 16:32:18 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

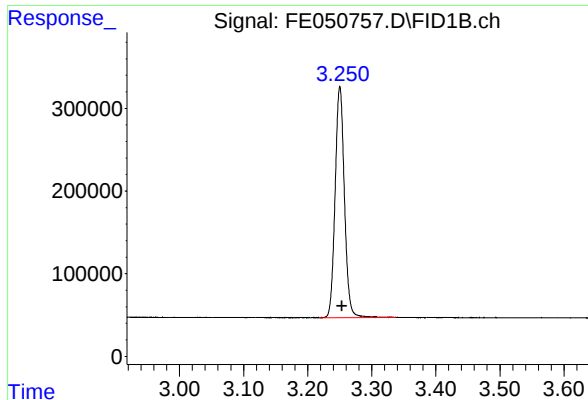
Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.863 | 3161623    | 20.054 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.11%       |
| 12) S 1-chlorooctadecane (S... | 13.297 | 2420557    | 20.462 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.92%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.250  | 2819748    | 19.957 ug/ml |
| 2) T n-Decane (C10)            | 4.501  | 2884468    | 20.104 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.213  | 2848256    | 19.919 ug/ml |
| 4) T n-Dodecane (C12)          | 6.669  | 2901499    | 20.159 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.310  | 2691760    | 20.318 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.496  | 2890530    | 20.204 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.102 | 2986964    | 20.296 ug/ml |
| 8) T n-Octadecane (C18)        | 11.543 | 3050605    | 20.423 ug/ml |
| 10) T n-Eicosane (C20)         | 12.851 | 2921182    | 20.371 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.462 | 2850201    | 20.296 ug/ml |
| 13) T n-Docosane (C22)         | 14.048 | 2991595    | 21.324 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.150 | 3111481    | 22.024 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.170 | 3164739    | 22.490 ug/ml |
| 16) T n-Octacosane (C28)       | 17.119 | 3279991    | 22.415 ug/ml |
| 17) T n-Tricontane (C30)       | 18.006 | 3613312    | 22.725 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.838 | 3633972    | 22.416 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.621 | 3211810    | 21.865 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.360 | 2709464    | 21.366 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.085 | 2545541    | 20.587 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.972 | 1980176    | 17.783 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

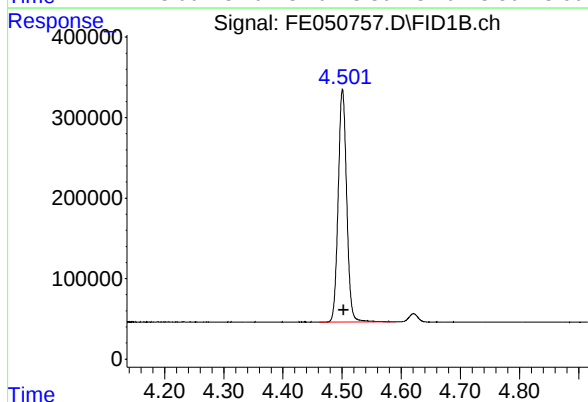




#1 n-Nonane (C9)

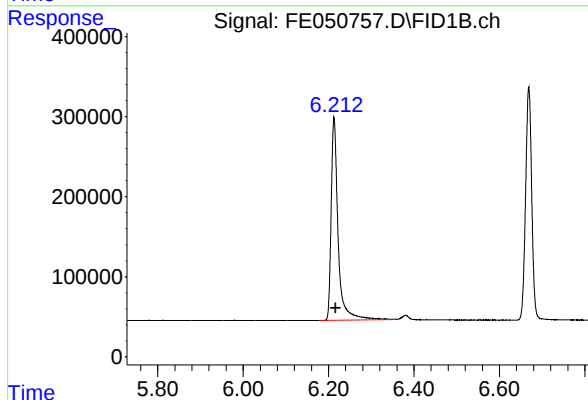
R.T.: 3.250 min  
Delta R.T.: -0.004 min  
Response: 2819748  
Conc: 19.96 ug/ml

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20 PPM ALIPHATIC HC STD



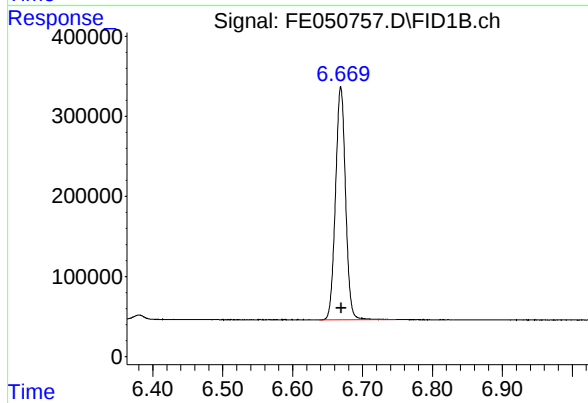
#2 n-Decane (C10)

R.T.: 4.501 min  
Delta R.T.: -0.002 min  
Response: 2884468  
Conc: 20.10 ug/ml



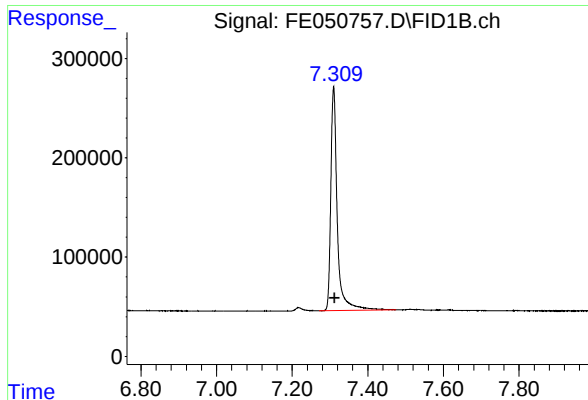
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min  
Delta R.T.: -0.004 min  
Response: 2848256  
Conc: 19.92 ug/ml



#4 n-Dodecane (C12)

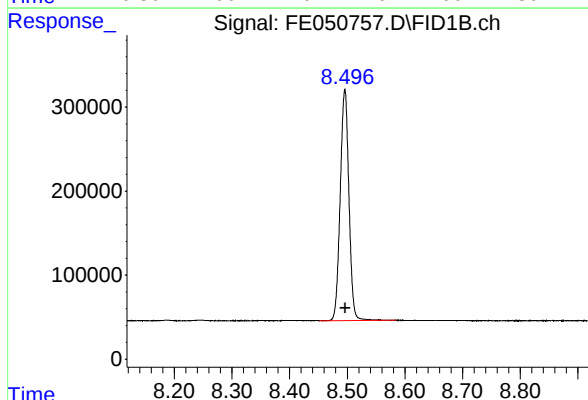
R.T.: 6.669 min  
Delta R.T.: 0.000 min  
Response: 2901499  
Conc: 20.16 ug/ml



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

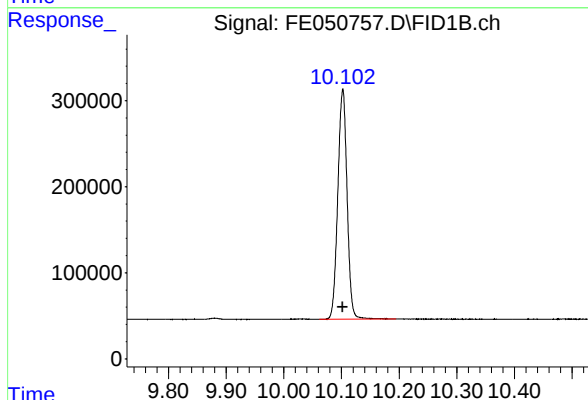
R.T.: 7.310 min  
Delta R.T.: -0.003 min  
Response: 2691760  
Conc: 20.32 ug/ml

Instrument :  
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ClientSampleId :  
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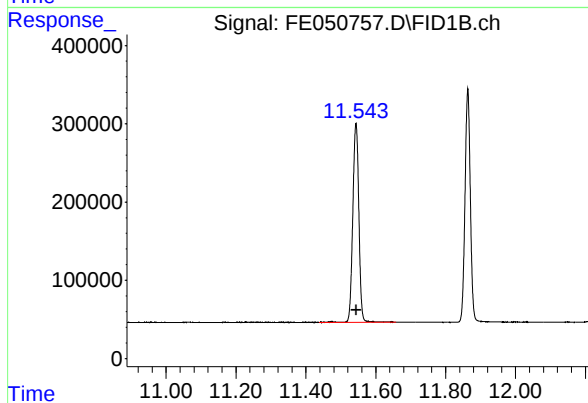
#6 n-Tetradecane (C14)

R.T.: 8.496 min  
Delta R.T.: 0.000 min  
Response: 2890530  
Conc: 20.20 ug/ml



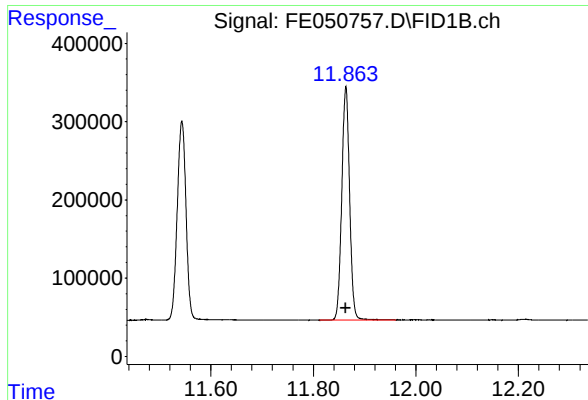
#7 n-Hexadecane (C16)

R.T.: 10.102 min  
Delta R.T.: 0.000 min  
Response: 2986964  
Conc: 20.30 ug/ml



#8 n-Octadecane (C18)

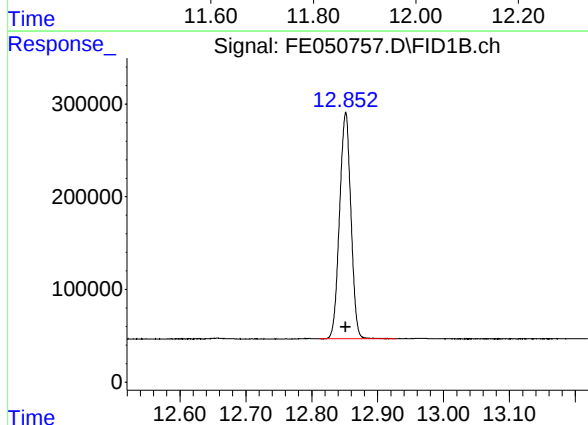
R.T.: 11.543 min  
Delta R.T.: 0.000 min  
Response: 3050605  
Conc: 20.42 ug/ml



#9 ortho-Terphenyl (SURR)

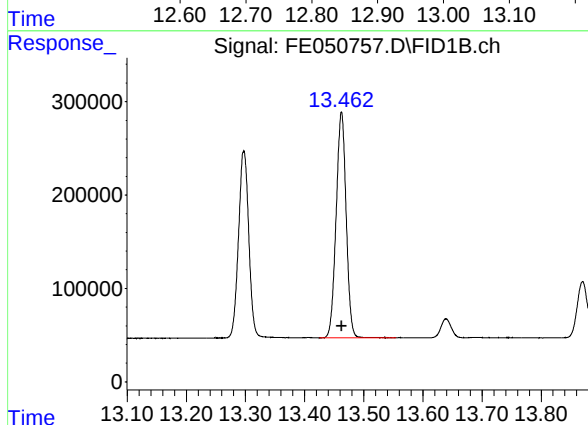
R.T.: 11.863 min  
Delta R.T.: 0.000 min  
Response: 3161623  
Conc: 20.05 ug/ml

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



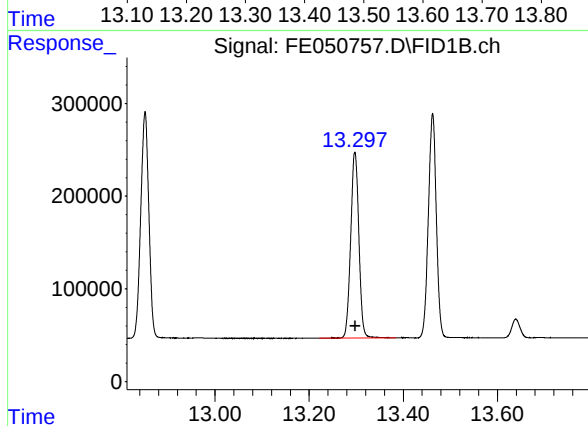
#10 n-Eicosane (C20)

R.T.: 12.851 min  
Delta R.T.: 0.000 min  
Response: 2921182  
Conc: 20.37 ug/ml



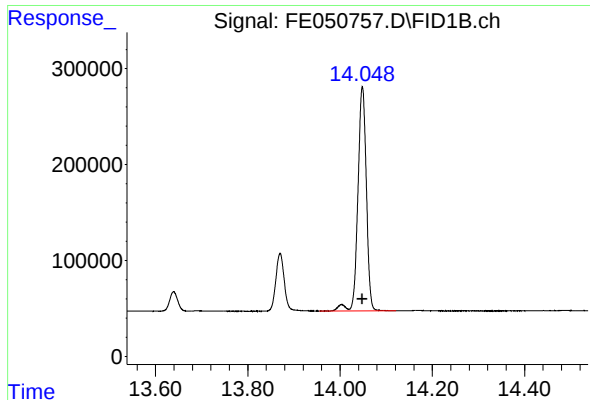
#11 n-Heneicosane (C21)

R.T.: 13.462 min  
Delta R.T.: 0.000 min  
Response: 2850201  
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

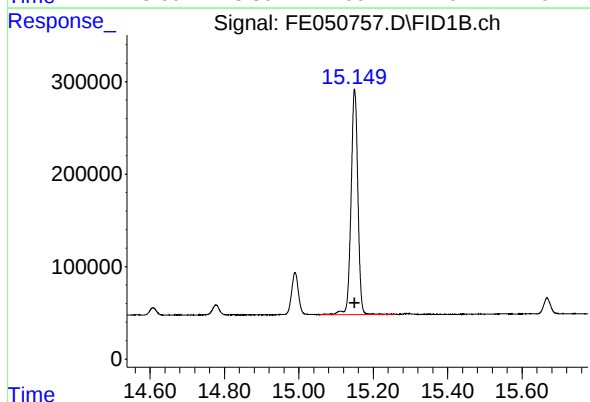
R.T.: 13.297 min  
Delta R.T.: 0.000 min  
Response: 2420557  
Conc: 20.46 ug/ml



#13 n-Docosane (C22)

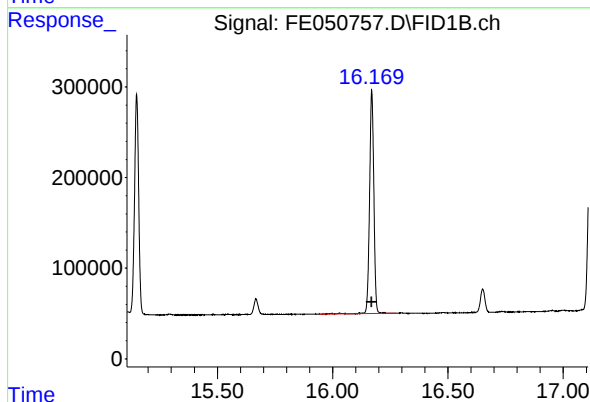
R.T.: 14.048 min  
Delta R.T.: 0.000 min  
Response: 2991595  
Conc: 21.32 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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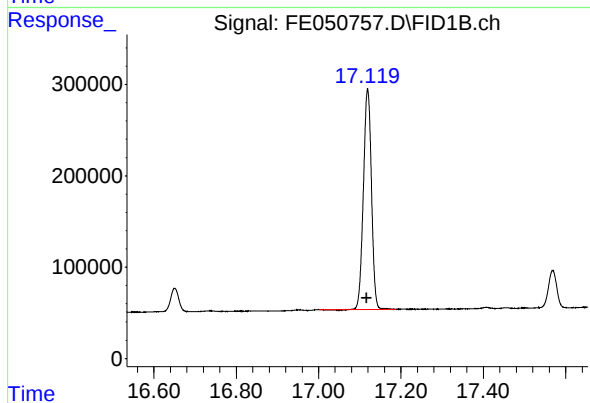
#14 n-Tetracosane (C24)

R.T.: 15.150 min  
Delta R.T.: 0.000 min  
Response: 3111481  
Conc: 22.02 ug/ml



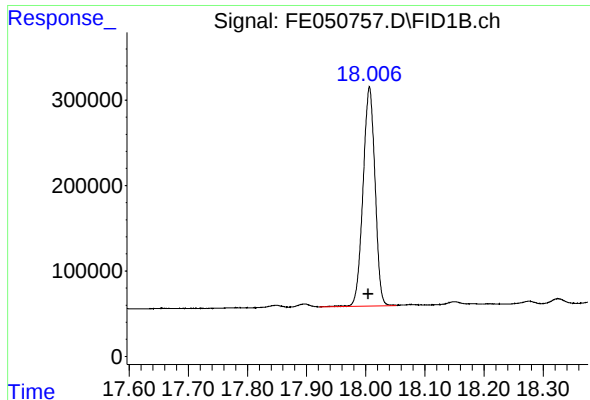
#15 n-Hexacosane (C26)

R.T.: 16.170 min  
Delta R.T.: 0.000 min  
Response: 3164739  
Conc: 22.49 ug/ml



#16 n-Octacosane (C28)

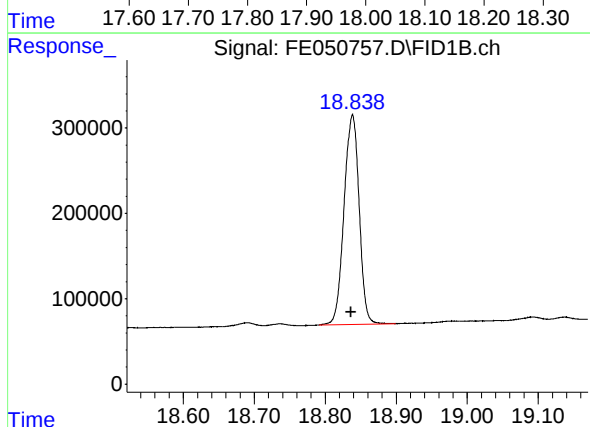
R.T.: 17.119 min  
Delta R.T.: 0.002 min  
Response: 3279991  
Conc: 22.41 ug/ml



#17 n-Tricontane (C30)

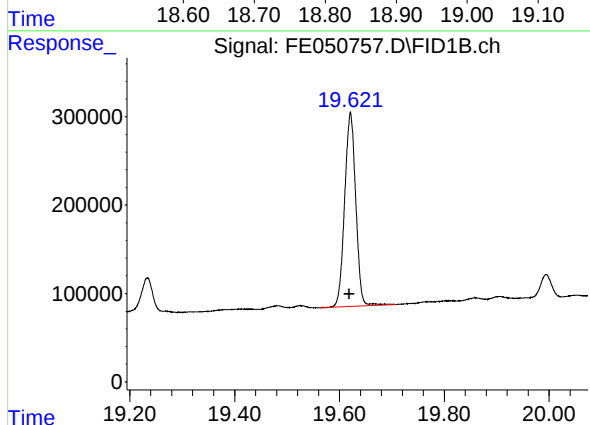
R.T.: 18.006 min  
Delta R.T.: 0.002 min  
Response: 3613312  
Conc: 22.72 ug/ml

Instrument :  
FID\_E  
ClientSampleId :  
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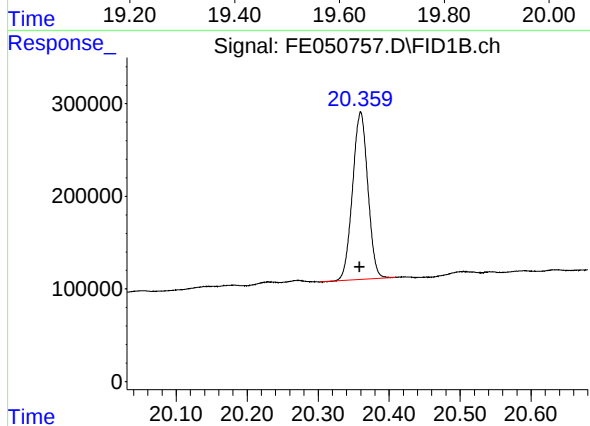
#18 n-Dotriacontane (C32)

R.T.: 18.838 min  
Delta R.T.: 0.001 min  
Response: 3633972  
Conc: 22.42 ug/ml



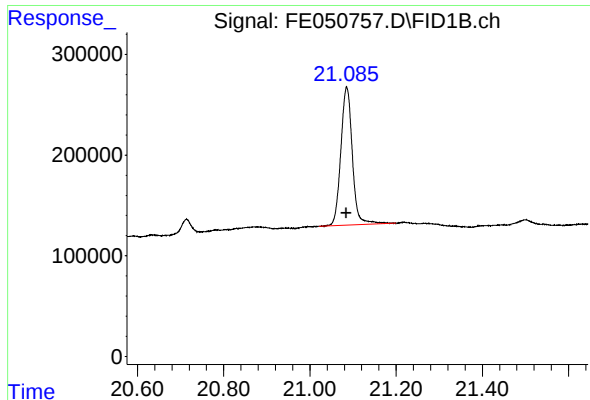
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min  
Delta R.T.: 0.002 min  
Response: 3211810  
Conc: 21.87 ug/ml



#20 n-Hexatriacontane (C36)

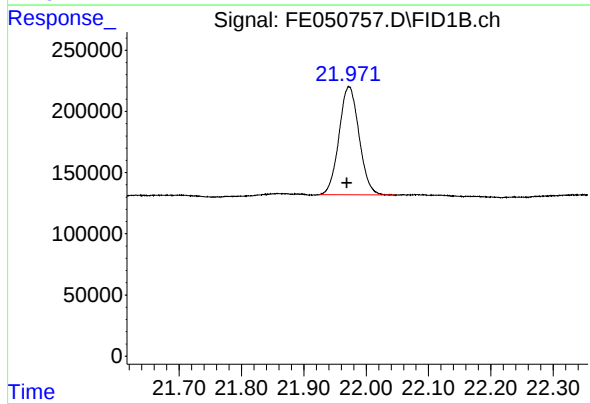
R.T.: 20.360 min  
Delta R.T.: 0.001 min  
Response: 2709464  
Conc: 21.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min  
Delta R.T.: 0.001 min  
Response: 2545541  
Conc: 20.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.972 min  
Delta R.T.: 0.003 min  
Response: 1980176  
Conc: 17.78 ug/ml