

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG091125AL\  
 Data File : FG016594.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Sep 2025 12:41  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Sep 12 02:43:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 082825.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 28 12:01:28 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)    | 12.063 | 2703399    | 20.420 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.84%       |
| 12) S 1-chlorooctadecane (S... | 13.508 | 1995382    | 19.823 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.65%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.383  | 2321939    | 20.525 ug/ml |
| 2) T n-Decane (C10)            | 4.645  | 2366421    | 20.558 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.365  | 2505676    | 20.178 ug/ml |
| 4) T n-Dodecane (C12)          | 6.826  | 2372217    | 20.449 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.468  | 2376966    | 19.927 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.667  | 2356663    | 20.425 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.286 | 2425631    | 20.321 ug/ml |
| 8) T n-Octadecane (C18)        | 11.740 | 2462393    | 20.380 ug/ml |
| 10) T n-Eicosane (C20)         | 13.060 | 2375003    | 20.359 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.676 | 2332484    | 20.293 ug/ml |
| 13) T n-Docosane (C22)         | 14.267 | 2333668    | 20.424 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.378 | 2363916    | 20.782 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.407 | 2308393    | 20.789 ug/ml |
| 16) T n-Octacosane (C28)       | 17.363 | 2254944    | 20.859 ug/ml |
| 17) T n-Tricontane (C30)       | 18.257 | 2294284    | 21.006 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.096 | 2236027    | 21.268 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.885 | 2015532    | 20.988 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.627 | 1728529    | 20.670 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.411 | 1527675    | 19.841 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.406 | 1358784    | 18.289 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

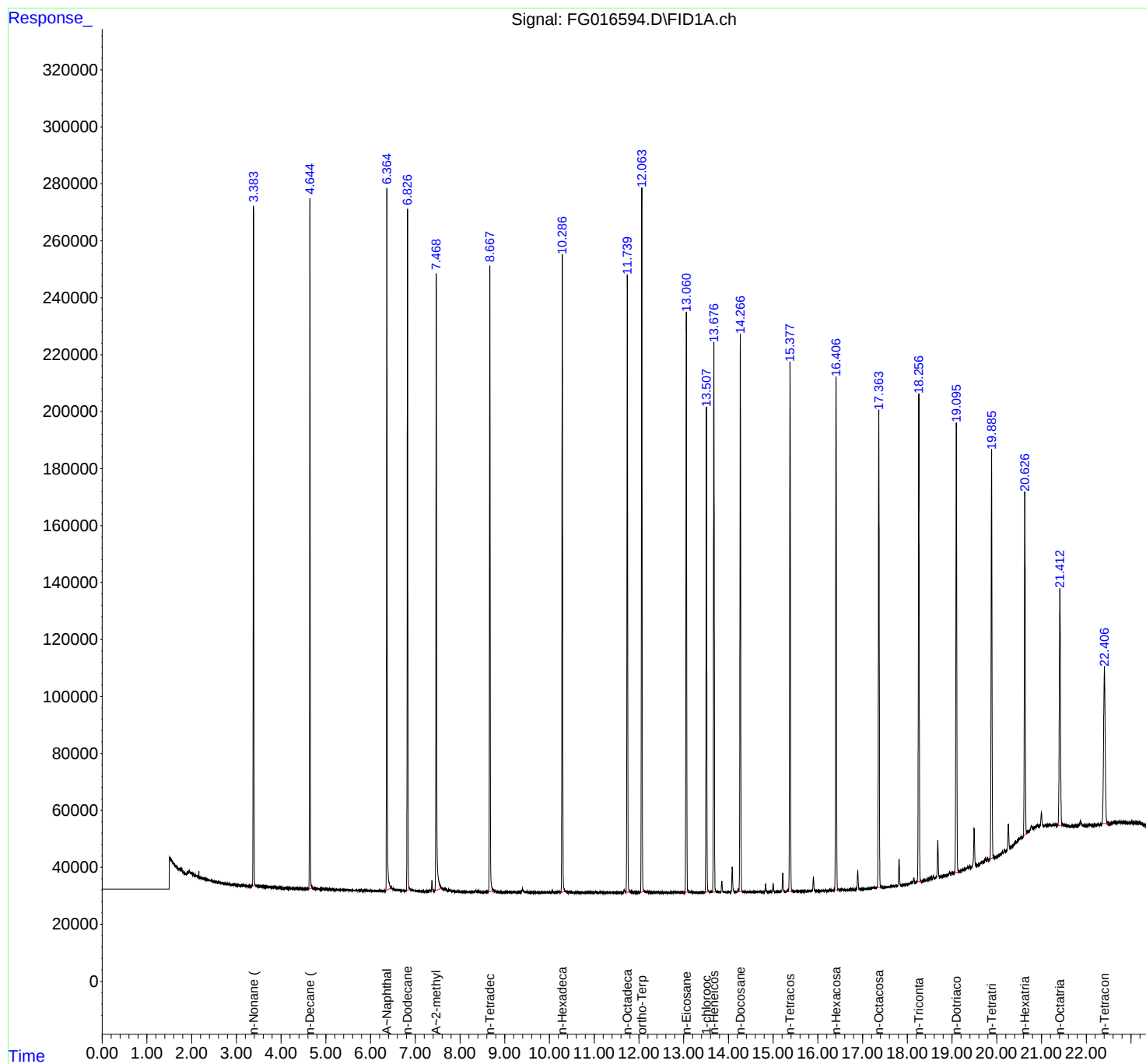
(m)=manual int.

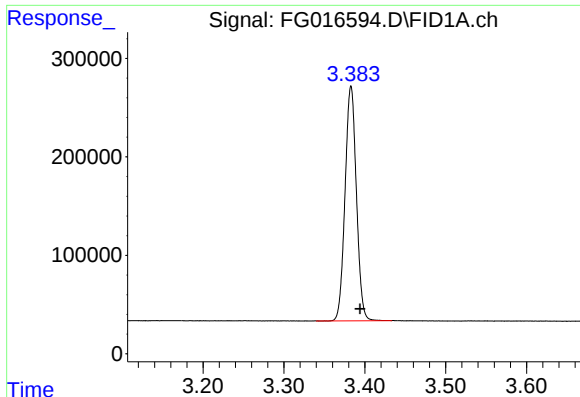
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG091125AL\  
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ALS Vial : 61 Sample Multiplier: 1

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

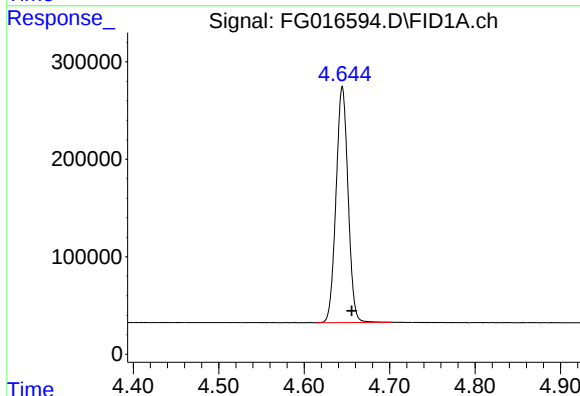




#1 n-Nonane (C9)

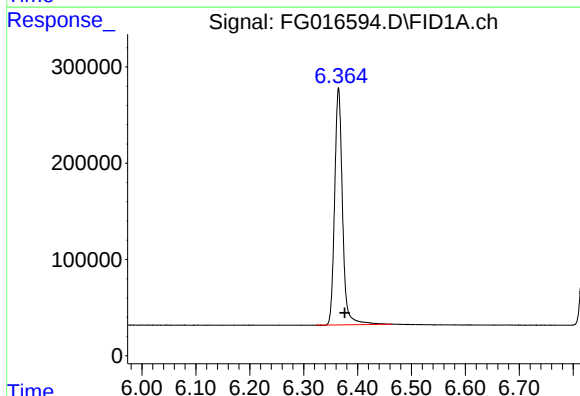
R.T.: 3.383 min  
Delta R.T.: -0.011 min  
Response: 2321939  
Conc: 20.52 ug/ml

Instrument :  
FID\_G  
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20 PPM ALIPHATIC HC STD



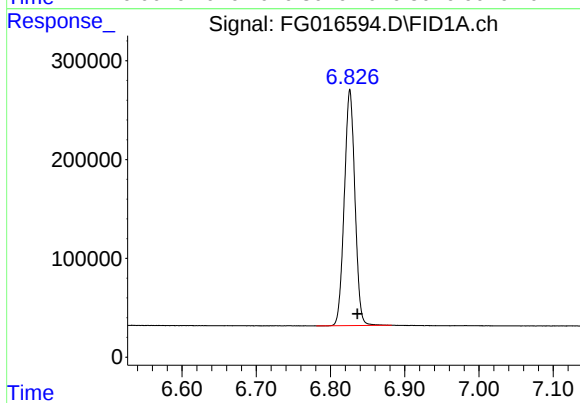
#2 n-Decane (C10)

R.T.: 4.645 min  
Delta R.T.: -0.011 min  
Response: 2366421  
Conc: 20.56 ug/ml



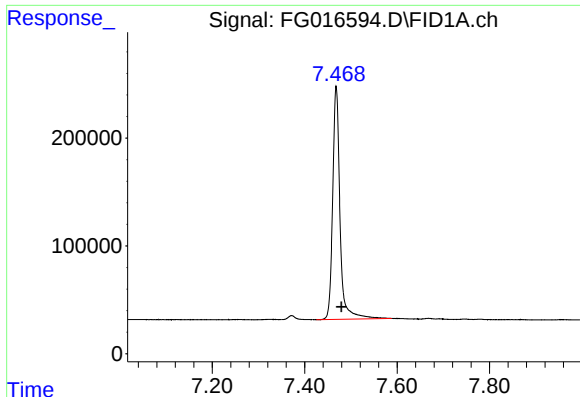
#3 A~Naphthalene (C11.7)

R.T.: 6.365 min  
Delta R.T.: -0.012 min  
Response: 2505676  
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

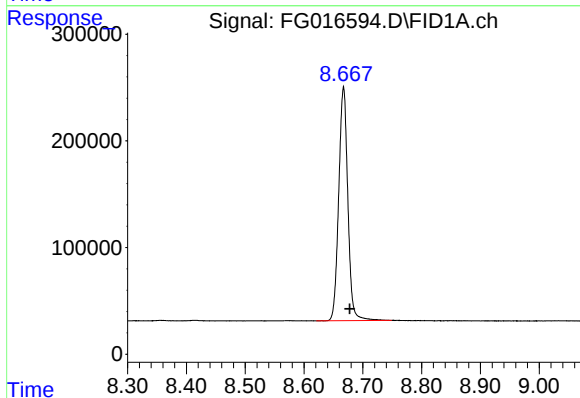
R.T.: 6.826 min  
Delta R.T.: -0.010 min  
Response: 2372217  
Conc: 20.45 ug/ml



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

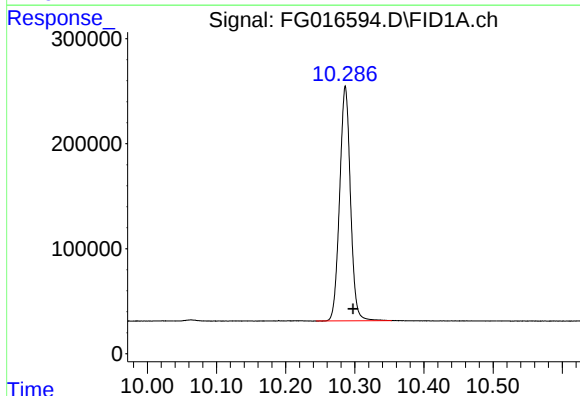
R.T.: 7.468 min  
Delta R.T.: -0.011 min  
Response: 2376966  
Conc: 19.93 ug/ml

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



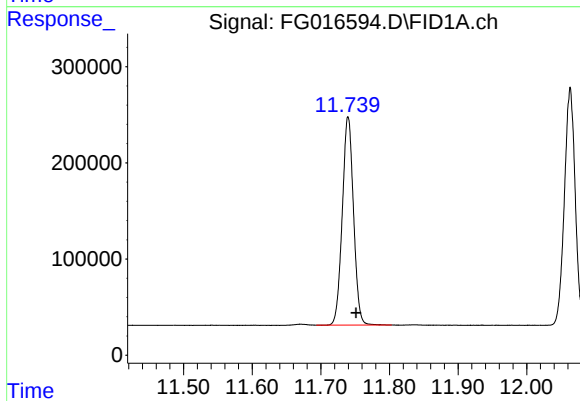
#6 n-Tetradecane (C14)

R.T.: 8.667 min  
Delta R.T.: -0.011 min  
Response: 2356663  
Conc: 20.42 ug/ml



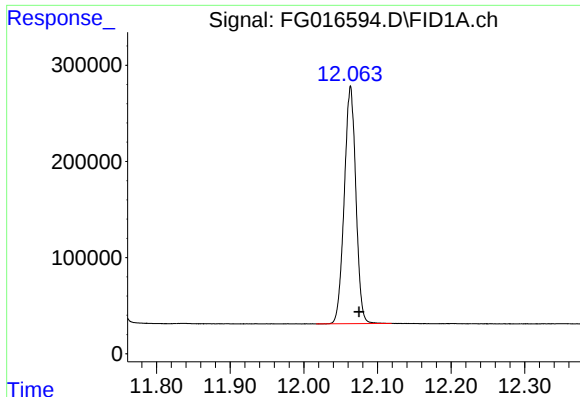
#7 n-Hexadecane (C16)

R.T.: 10.286 min  
Delta R.T.: -0.011 min  
Response: 2425631  
Conc: 20.32 ug/ml



#8 n-Octadecane (C18)

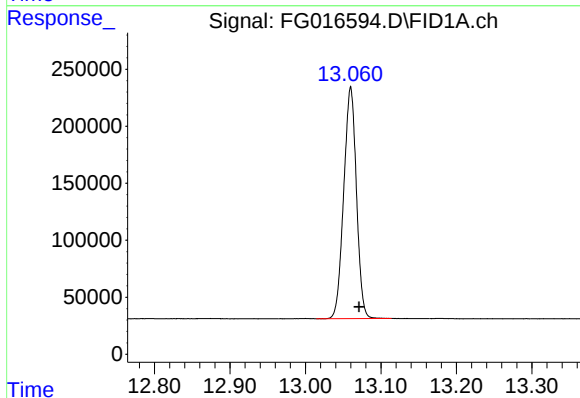
R.T.: 11.740 min  
Delta R.T.: -0.012 min  
Response: 2462393  
Conc: 20.38 ug/ml



#9 ortho-Terphenyl (SURR)

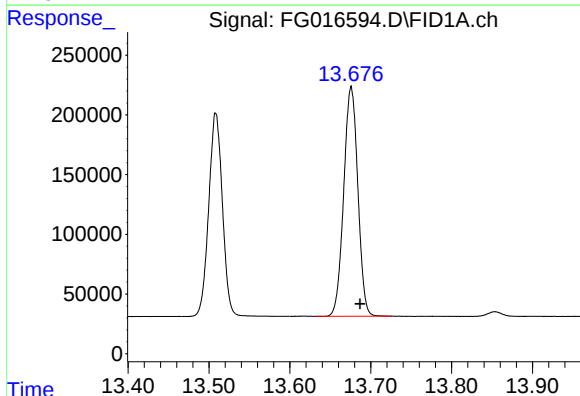
R.T.: 12.063 min  
Delta R.T.: -0.012 min  
Response: 2703399  
Conc: 20.42 ug/ml

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



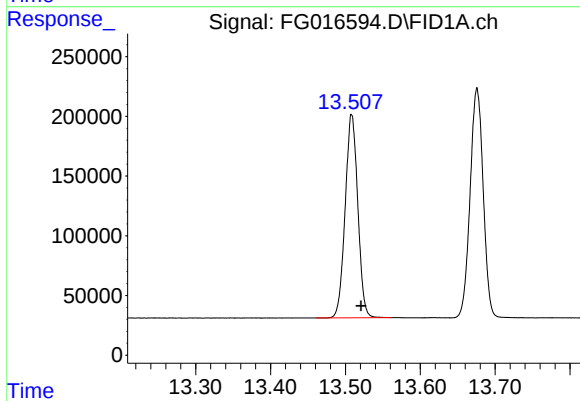
#10 n-Eicosane (C20)

R.T.: 13.060 min  
Delta R.T.: -0.011 min  
Response: 2375003  
Conc: 20.36 ug/ml



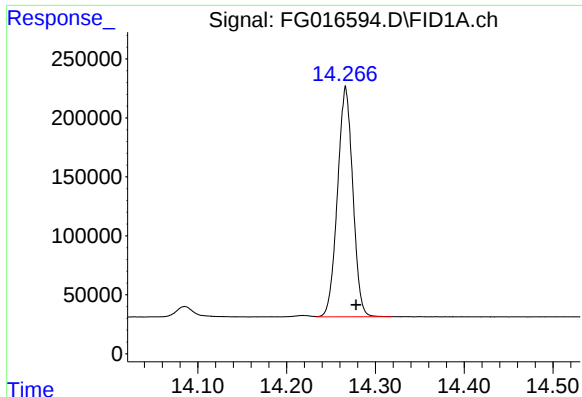
#11 n-Heneicosane (C21)

R.T.: 13.676 min  
Delta R.T.: -0.011 min  
Response: 2332484  
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

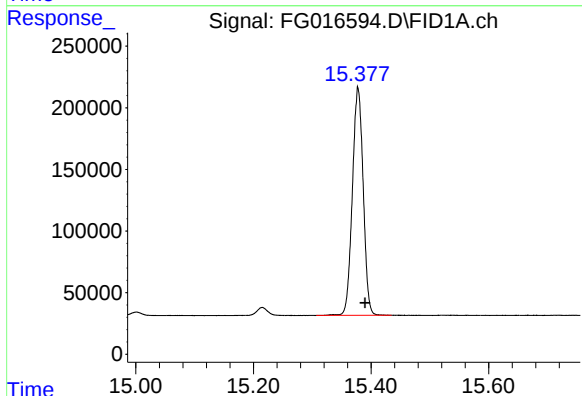
R.T.: 13.508 min  
Delta R.T.: -0.012 min  
Response: 1995382  
Conc: 19.82 ug/ml



#13 n-Docosane (C22)

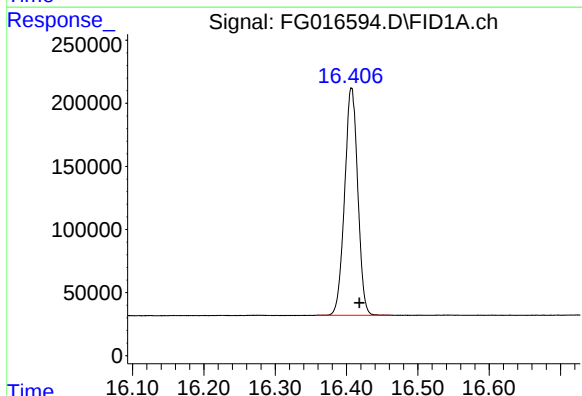
R.T.: 14.267 min  
Delta R.T.: -0.012 min  
Response: 2333668  
Conc: 20.42 ug/ml

Instrument :  
FID\_G  
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20 PPM ALIPHATIC HC STD



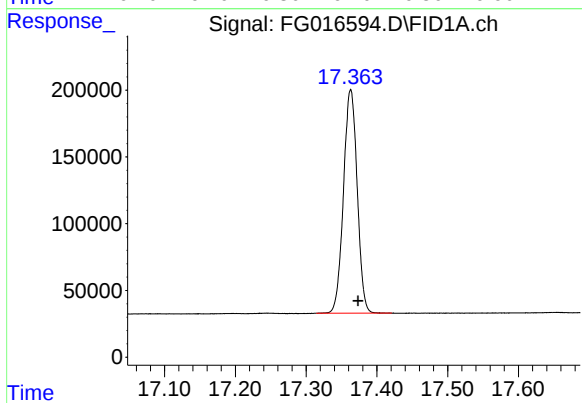
#14 n-Tetracosane (C24)

R.T.: 15.378 min  
Delta R.T.: -0.012 min  
Response: 2363916  
Conc: 20.78 ug/ml



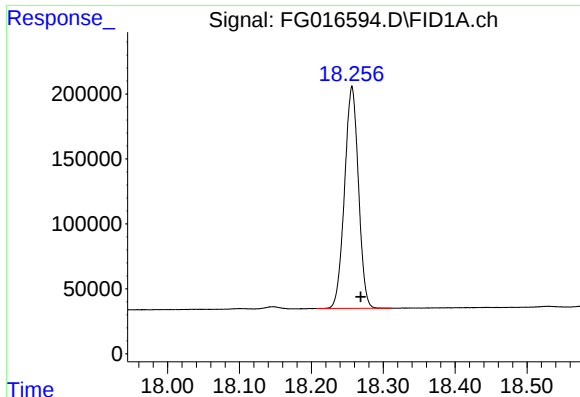
#15 n-Hexacosane (C26)

R.T.: 16.407 min  
Delta R.T.: -0.011 min  
Response: 2308393  
Conc: 20.79 ug/ml



#16 n-Octacosane (C28)

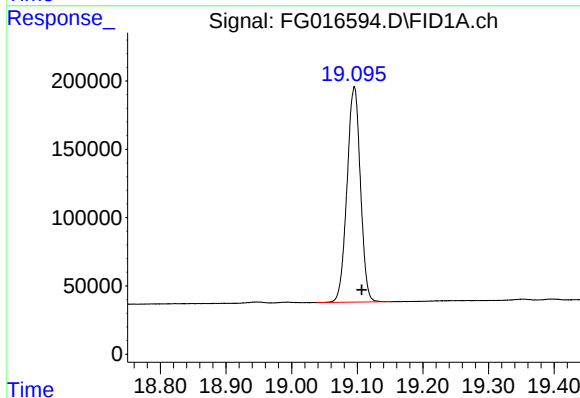
R.T.: 17.363 min  
Delta R.T.: -0.011 min  
Response: 2254944  
Conc: 20.86 ug/ml



#17 n-Tricontane (C30)

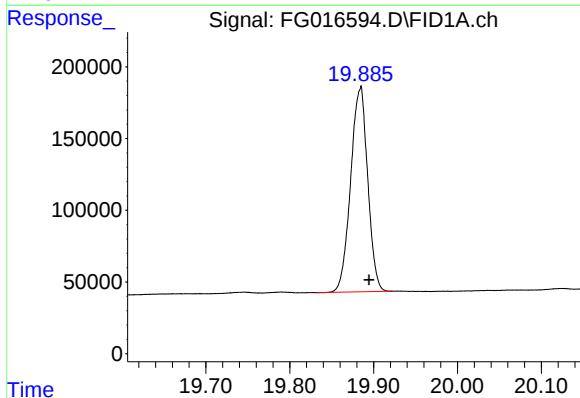
R.T.: 18.257 min  
Delta R.T.: -0.012 min  
Response: 2294284  
Conc: 21.01 ug/ml

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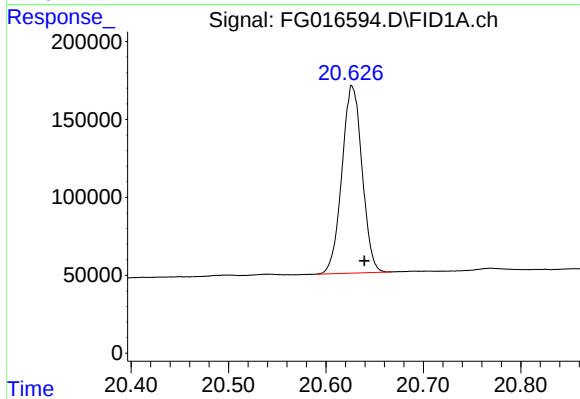
#18 n-Dotriacontane (C32)

R.T.: 19.096 min  
Delta R.T.: -0.011 min  
Response: 2236027  
Conc: 21.27 ug/ml



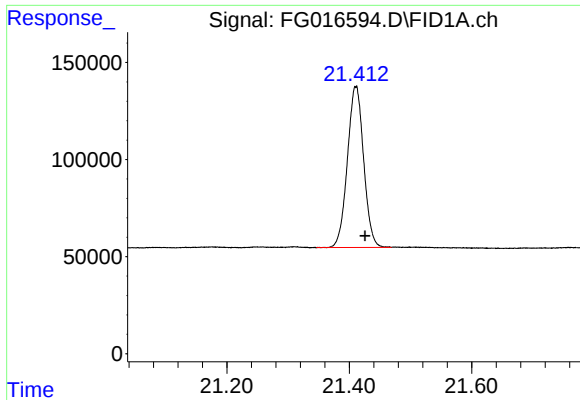
#19 n-Tetratriacontane (C34)

R.T.: 19.885 min  
Delta R.T.: -0.010 min  
Response: 2015532  
Conc: 20.99 ug/ml



#20 n-Hexatriacontane (C36)

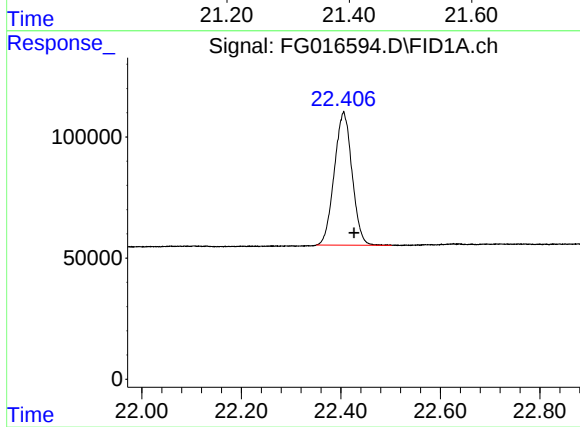
R.T.: 20.627 min  
Delta R.T.: -0.012 min  
Response: 1728529  
Conc: 20.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.411 min  
Delta R.T.: -0.015 min  
Response: 1527675  
Conc: 19.84 ug/ml

Instrument :  
FID\_G  
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.406 min  
Delta R.T.: -0.021 min  
Response: 1358784  
Conc: 18.29 ug/ml