

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101025AL\  
 Data File : FE056298.D  
 Signal(s) : FID1B.ch  
 Acq On : 10 Oct 2025 11:36  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 10 20:53:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092425.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 24 12:55:37 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)    | 12.060 | 3718432    | 19.816 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.63%       |
| 12) S 1-chlorooctadecane (S... | 13.496 | 2775581    | 19.887 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.77%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.404  | 2111687    | 15.415 ug/ml |
| 2) T n-Decane (C10)            | 4.663  | 2276740    | 16.313 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.381  | 2833869    | 17.749 ug/ml |
| 4) T n-Dodecane (C12)          | 6.837  | 2490301    | 17.351 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.481  | 2859362    | 18.386 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.672  | 2721438    | 18.407 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.286 | 3079929    | 19.382 ug/ml |
| 8) T n-Octadecane (C18)        | 11.734 | 3351193    | 19.785 ug/ml |
| 10) T n-Eicosane (C20)         | 13.048 | 3299422    | 19.904 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.662 | 3216019    | 19.792 ug/ml |
| 13) T n-Docosane (C22)         | 14.250 | 3153300    | 19.734 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.356 | 3029086    | 19.878 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.379 | 2816493    | 19.747 ug/ml |
| 16) T n-Octacosane (C28)       | 17.332 | 2767802    | 19.869 ug/ml |
| 17) T n-Tricontane (C30)       | 18.221 | 2957189    | 19.957 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.055 | 3097238    | 20.759 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.840 | 2964391    | 20.957 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.581 | 2608742    | 20.322 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.351 | 2439417    | 18.573 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.327 | 2159000    | 18.148 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

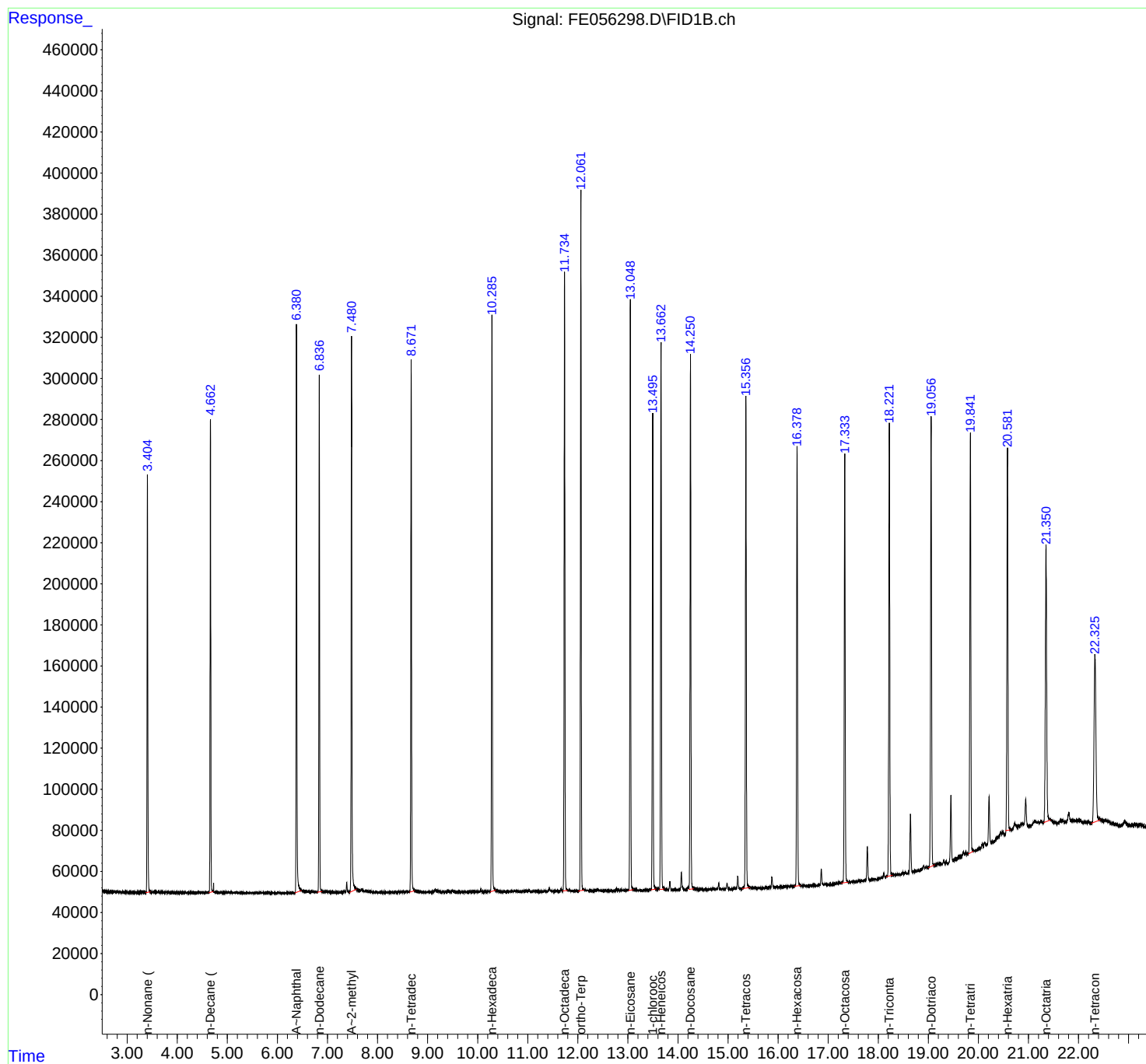
(m)=manual int.

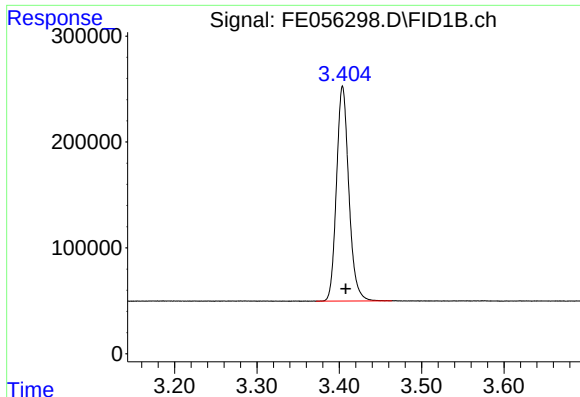
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101025AL\  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

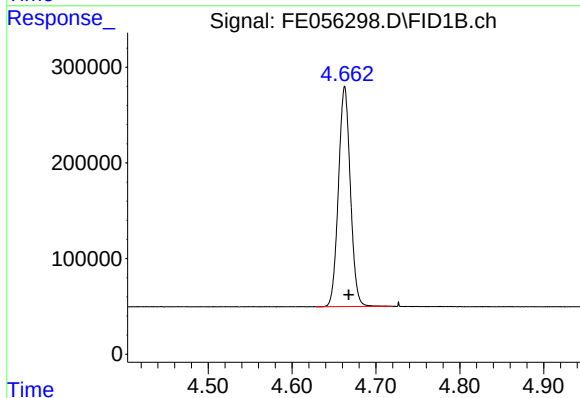




#1 n-Nonane (C9)

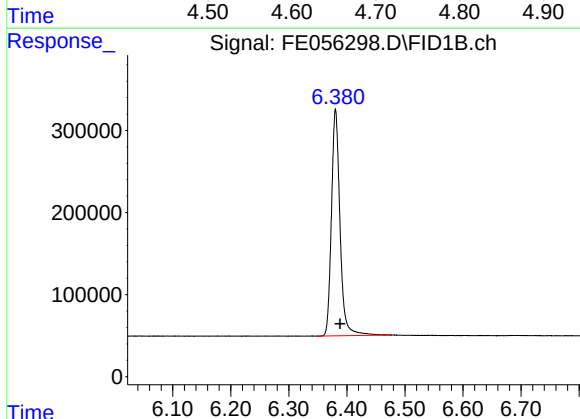
R.T.: 3.404 min  
Delta R.T.: -0.004 min  
Response: 2111687  
Conc: 15.41 ug/ml

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



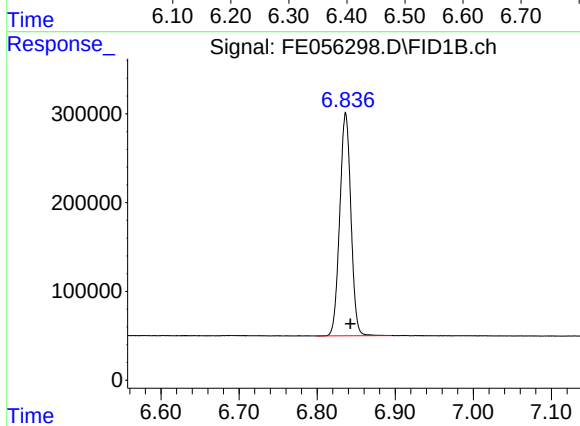
#2 n-Decane (C10)

R.T.: 4.663 min  
Delta R.T.: -0.005 min  
Response: 2276740  
Conc: 16.31 ug/ml



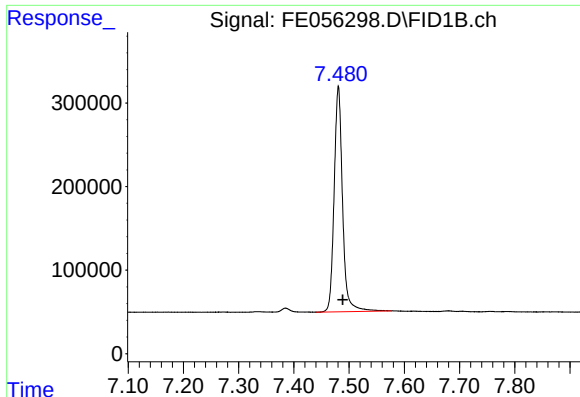
#3 A~Naphthalene (C11.7)

R.T.: 6.381 min  
Delta R.T.: -0.008 min  
Response: 2833869  
Conc: 17.75 ug/ml



#4 n-Dodecane (C12)

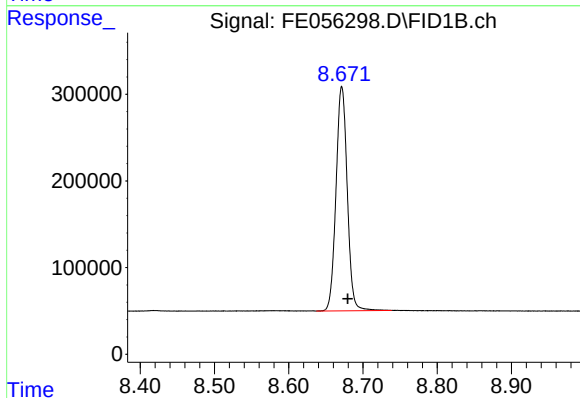
R.T.: 6.837 min  
Delta R.T.: -0.006 min  
Response: 2490301  
Conc: 17.35 ug/ml



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

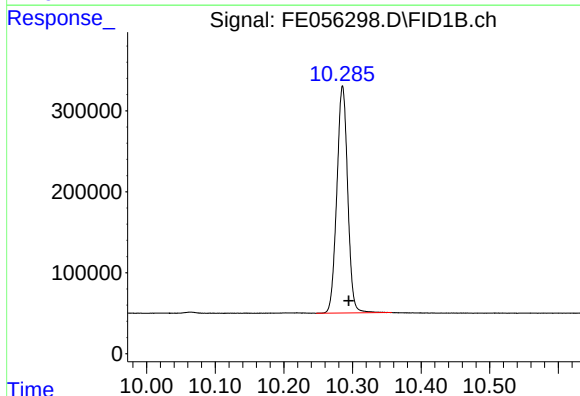
R.T.: 7.481 min  
Delta R.T.: -0.008 min  
Response: 2859362  
Conc: 18.39 ug/ml

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



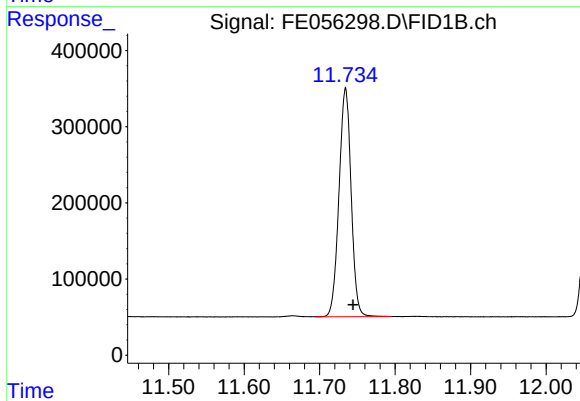
#6 n-Tetradecane (C14)

R.T.: 8.672 min  
Delta R.T.: -0.008 min  
Response: 2721438  
Conc: 18.41 ug/ml



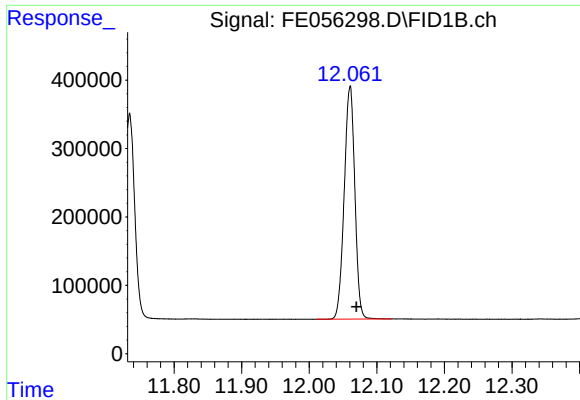
#7 n-Hexadecane (C16)

R.T.: 10.286 min  
Delta R.T.: -0.009 min  
Response: 3079929  
Conc: 19.38 ug/ml



#8 n-Octadecane (C18)

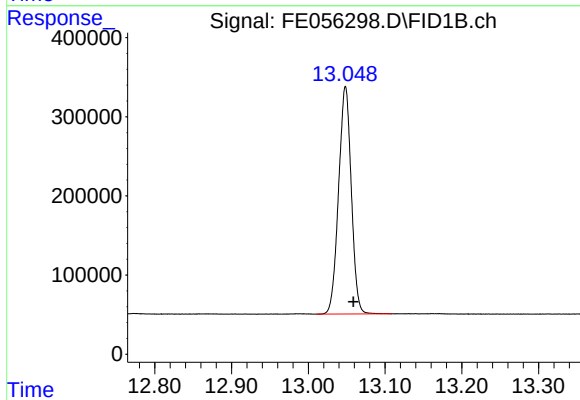
R.T.: 11.734 min  
Delta R.T.: -0.010 min  
Response: 3351193  
Conc: 19.78 ug/ml



#9 ortho-Terphenyl (SURR)

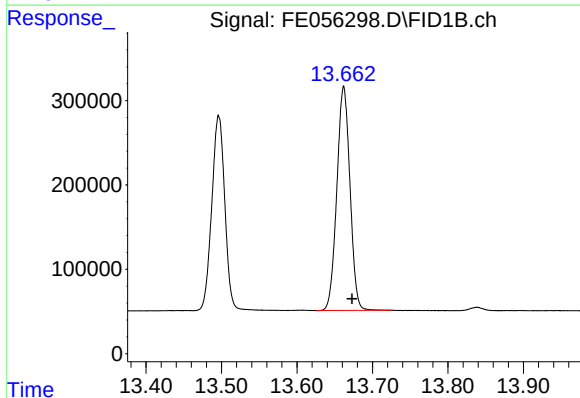
R.T.: 12.060 min  
Delta R.T.: -0.010 min  
Response: 3718432  
Conc: 19.82 ug/ml

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



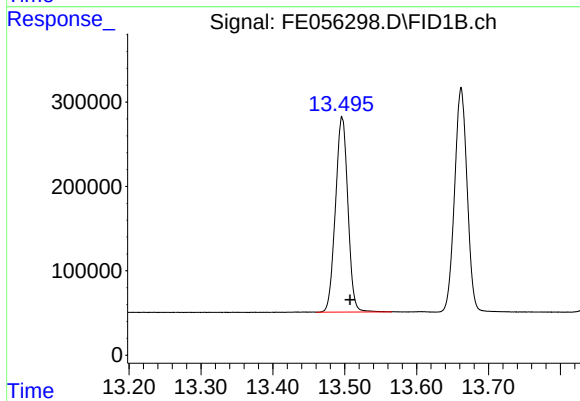
#10 n-Eicosane (C20)

R.T.: 13.048 min  
Delta R.T.: -0.010 min  
Response: 3299422  
Conc: 19.90 ug/ml



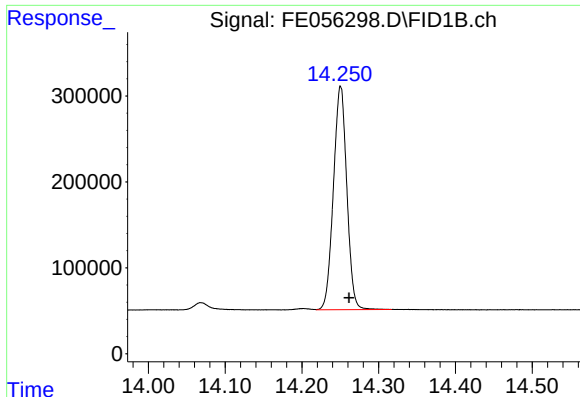
#11 n-Heneicosane (C21)

R.T.: 13.662 min  
Delta R.T.: -0.011 min  
Response: 3216019  
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

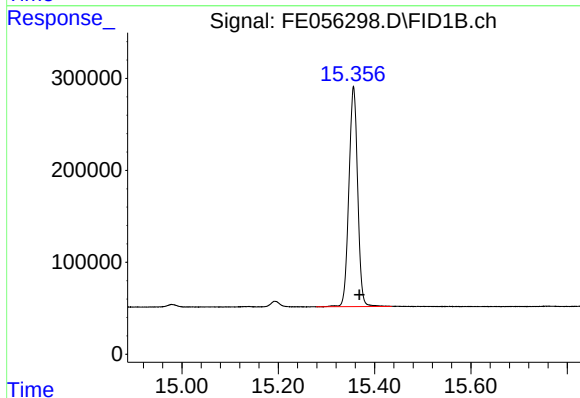
R.T.: 13.496 min  
Delta R.T.: -0.011 min  
Response: 2775581  
Conc: 19.89 ug/ml



#13 n-Docosane (C22)

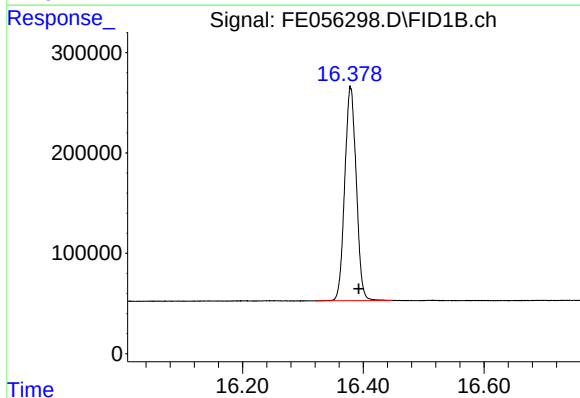
R.T.: 14.250 min  
Delta R.T.: -0.011 min  
Response: 3153300  
Conc: 19.73 ug/ml

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



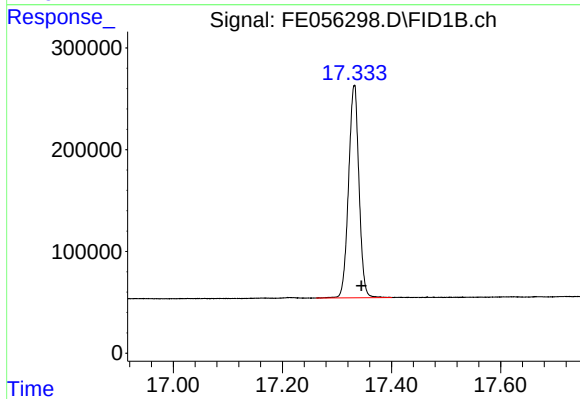
#14 n-Tetracosane (C24)

R.T.: 15.356 min  
Delta R.T.: -0.012 min  
Response: 3029086  
Conc: 19.88 ug/ml



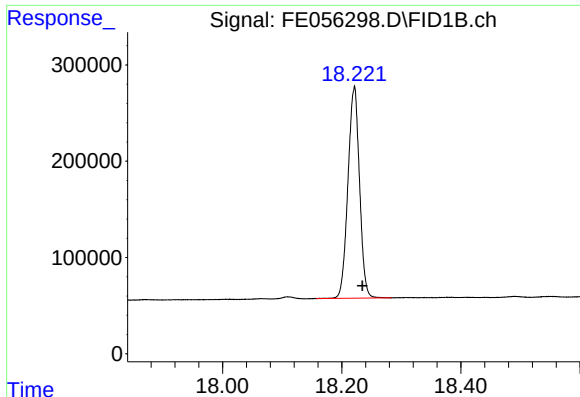
#15 n-Hexacosane (C26)

R.T.: 16.379 min  
Delta R.T.: -0.014 min  
Response: 2816493  
Conc: 19.75 ug/ml



#16 n-Octacosane (C28)

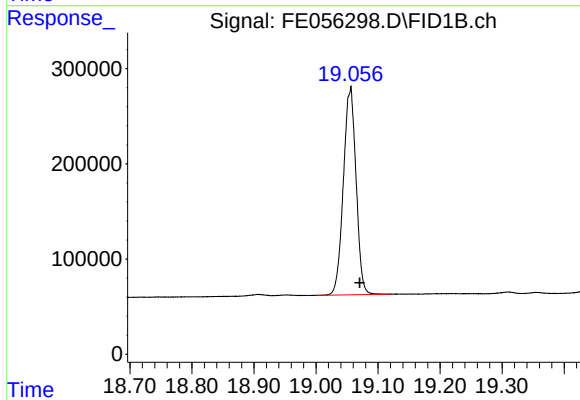
R.T.: 17.332 min  
Delta R.T.: -0.013 min  
Response: 2767802  
Conc: 19.87 ug/ml



#17 n-Tricontane (C30)

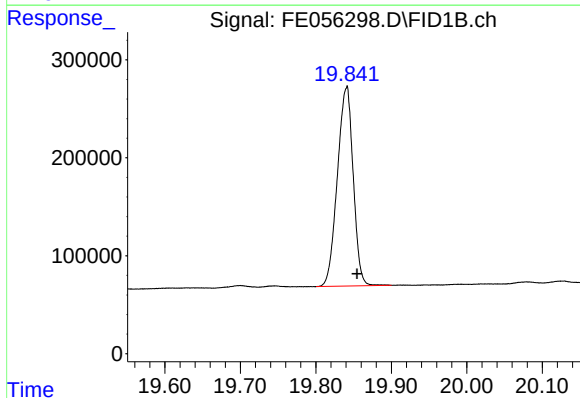
R.T.: 18.221 min  
Delta R.T.: -0.014 min  
Response: 2957189  
Conc: 19.96 ug/ml

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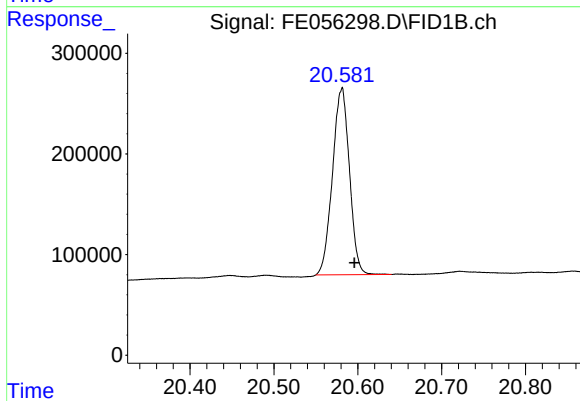
#18 n-Dotriacontane (C32)

R.T.: 19.055 min  
Delta R.T.: -0.015 min  
Response: 3097238  
Conc: 20.76 ug/ml



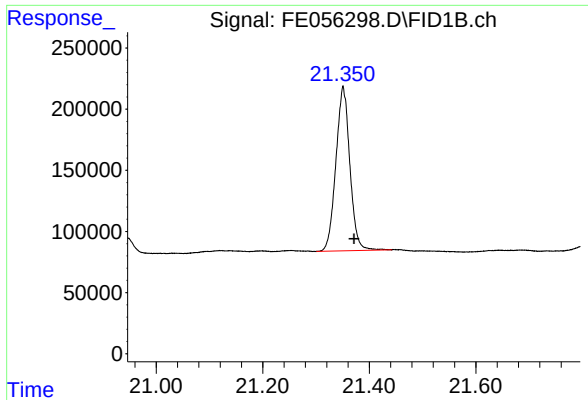
#19 n-Tetratriacontane (C34)

R.T.: 19.840 min  
Delta R.T.: -0.015 min  
Response: 2964391  
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

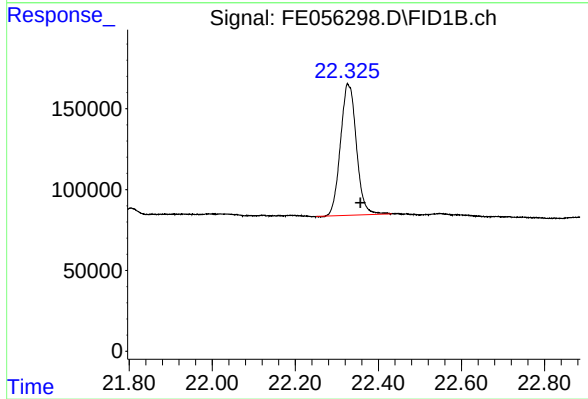
R.T.: 20.581 min  
Delta R.T.: -0.015 min  
Response: 2608742  
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.351 min  
Delta R.T.: -0.021 min  
Response: 2439417  
Conc: 18.57 ug/ml

Instrument :  
FID\_E  
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#22 n-Tetracontane (C40)

R.T.: 22.327 min  
Delta R.T.: -0.029 min  
Response: 2159000  
Conc: 18.15 ug/ml