

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102125AL\  
 Data File : FE056430.D  
 Signal(s) : FID1B.ch  
 Acq On : 21 Oct 2025 23:25  
 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 08:32:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 101725.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 17 08:31:49 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)    | 12.050 | 3822429    | 18.711 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.42%       |
| 12) S 1-chlorooctadecane (S... | 13.486 | 2862806    | 18.763 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.53%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.397  | 3150136    | 19.326 ug/ml |
| 2) T n-Decane (C10)            | 4.650  | 3338150    | 20.299 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.367  | 3551160    | 20.088 ug/ml |
| 4) T n-Dodecane (C12)          | 6.823  | 3435684    | 20.477 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.467  | 3402592    | 20.421 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.659  | 3395785    | 20.440 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.274 | 3477466    | 19.876 ug/ml |
| 8) T n-Octadecane (C18)        | 11.723 | 3518277    | 19.287 ug/ml |
| 10) T n-Eicosane (C20)         | 13.038 | 3343620    | 18.779 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.652 | 3265235    | 18.611 ug/ml |
| 13) T n-Docosane (C22)         | 14.240 | 3247519    | 18.346 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.347 | 3210149    | 17.644 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.371 | 3120543    | 17.384 ug/ml |
| 16) T n-Octacosane (C28)       | 17.323 | 3077760    | 17.301 ug/ml |
| 17) T n-Tricontane (C30)       | 18.214 | 3187000    | 17.553 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.047 | 3138988    | 17.805 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.833 | 2837911    | 18.333 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.574 | 2484766    | 19.889 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.344 | 2253461    | 21.568 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.318 | 2158137    | 23.783 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

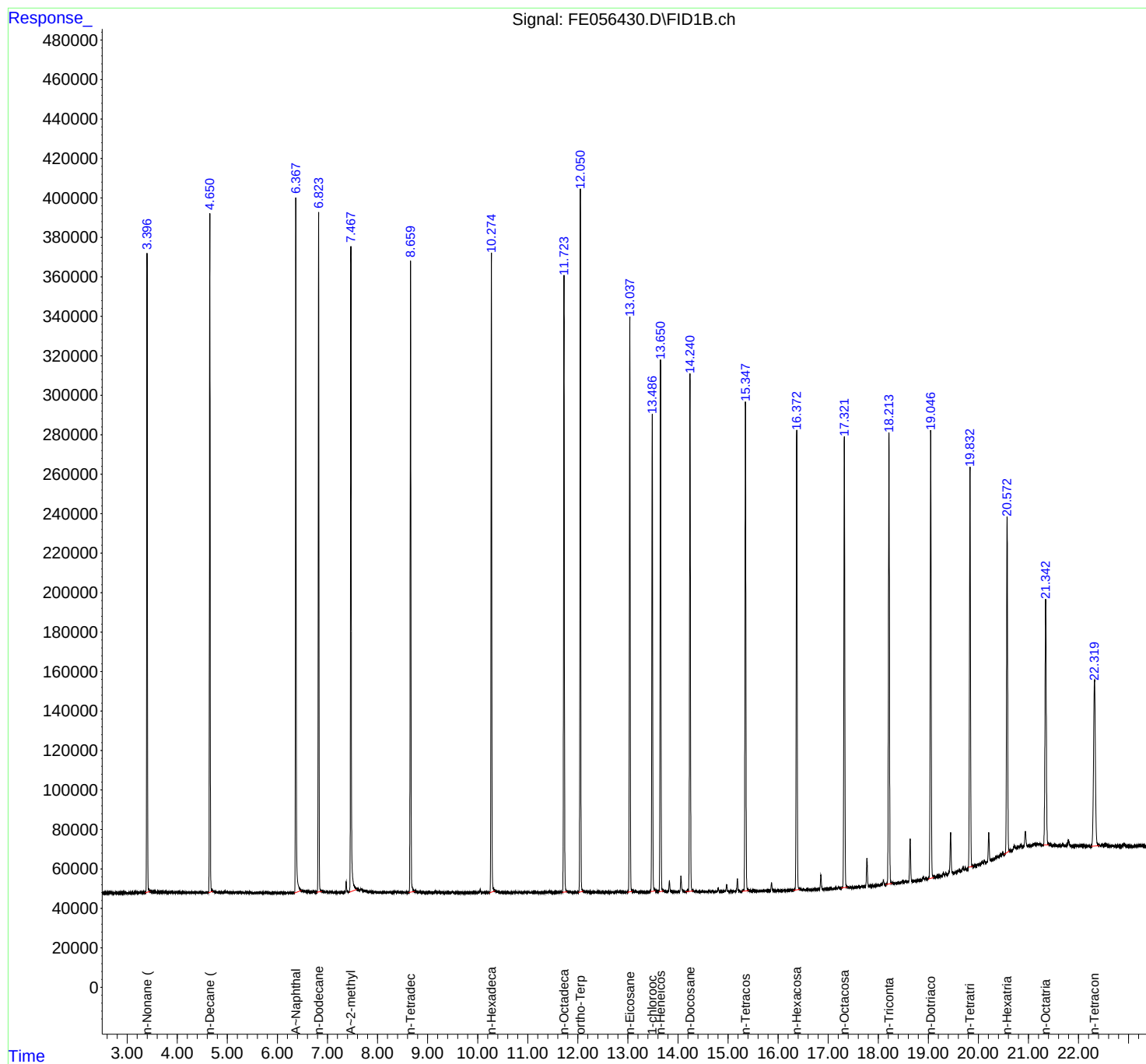
(m)=manual int.

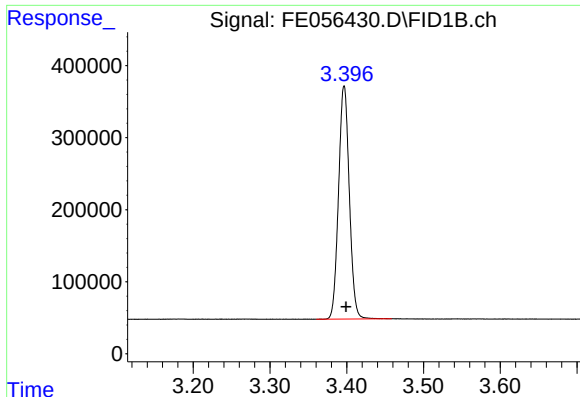
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE102125AL\  
Data File : FE056430.D  
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QLast Update : Fri Oct 17 08:31:49 2025  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

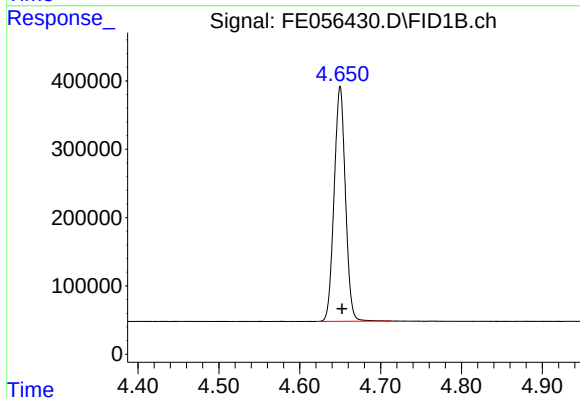




#1 n-Nonane (C9)

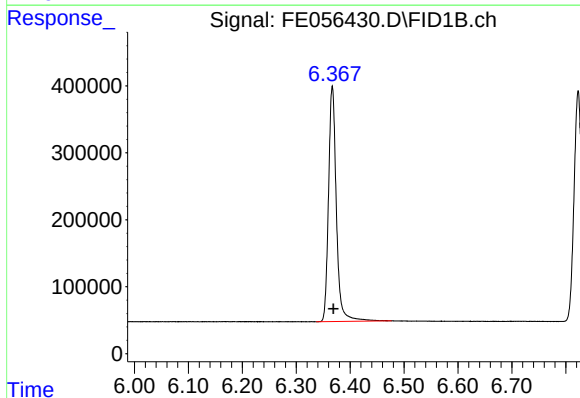
R.T.: 3.397 min  
Delta R.T.: -0.002 min  
Response: 3150136  
Conc: 19.33 ug/ml

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



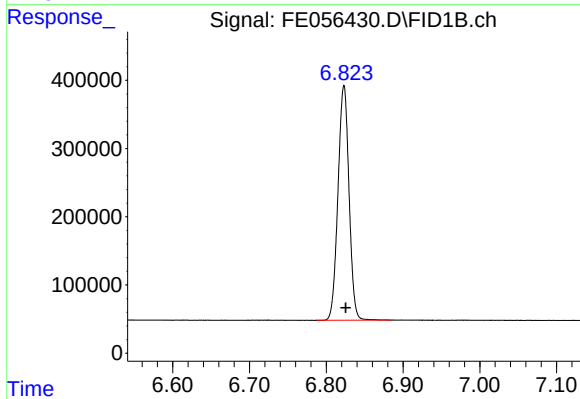
#2 n-Decane (C10)

R.T.: 4.650 min  
Delta R.T.: -0.003 min  
Response: 3338150  
Conc: 20.30 ug/ml



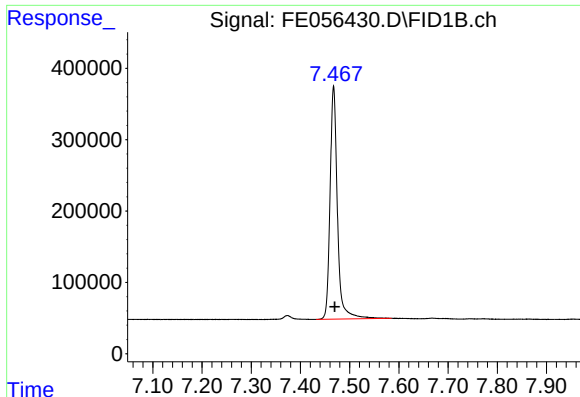
#3 A~Naphthalene (C11.7)

R.T.: 6.367 min  
Delta R.T.: -0.002 min  
Response: 3551160  
Conc: 20.09 ug/ml



#4 n-Dodecane (C12)

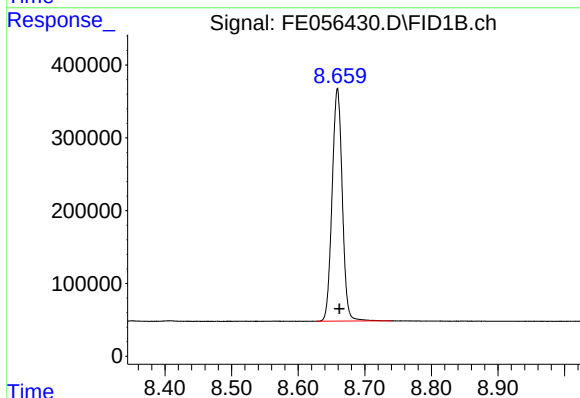
R.T.: 6.823 min  
Delta R.T.: -0.003 min  
Response: 3435684  
Conc: 20.48 ug/ml



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

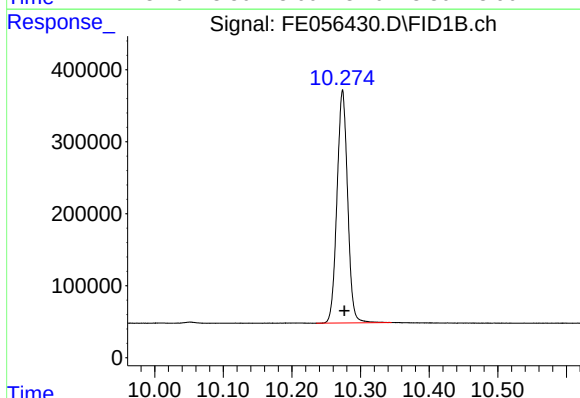
R.T.: 7.467 min  
Delta R.T.: -0.002 min  
Response: 3402592  
Conc: 20.42 ug/ml

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



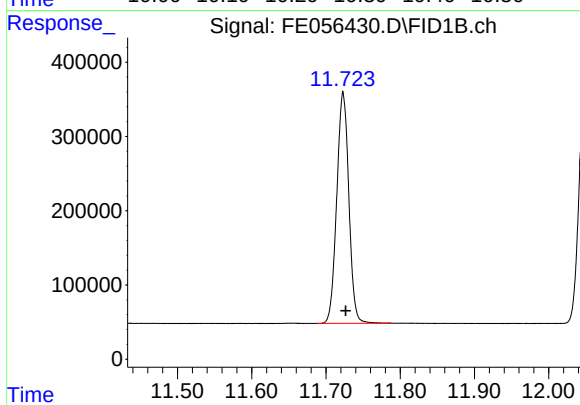
#6 n-Tetradecane (C14)

R.T.: 8.659 min  
Delta R.T.: -0.003 min  
Response: 3395785  
Conc: 20.44 ug/ml



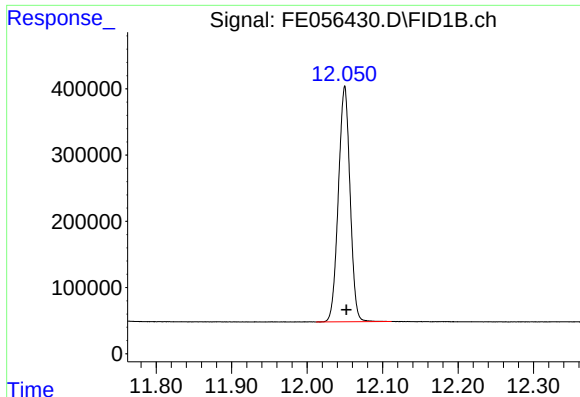
#7 n-Hexadecane (C16)

R.T.: 10.274 min  
Delta R.T.: -0.003 min  
Response: 3477466  
Conc: 19.88 ug/ml



#8 n-Octadecane (C18)

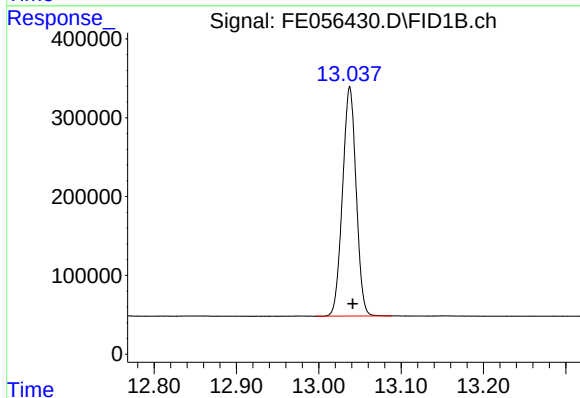
R.T.: 11.723 min  
Delta R.T.: -0.004 min  
Response: 3518277  
Conc: 19.29 ug/ml



#9 ortho-Terphenyl (SURR)

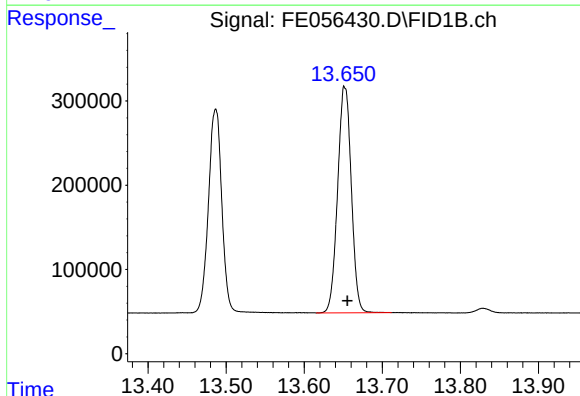
R.T.: 12.050 min  
Delta R.T.: -0.002 min  
Response: 3822429  
Conc: 18.71 ug/ml

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



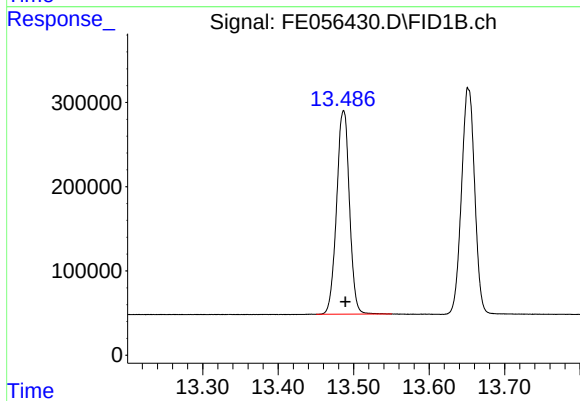
#10 n-Eicosane (C20)

R.T.: 13.038 min  
Delta R.T.: -0.003 min  
Response: 3343620  
Conc: 18.78 ug/ml



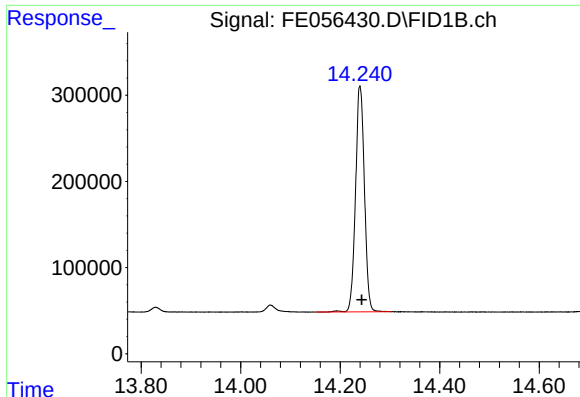
#11 n-Heneicosane (C21)

R.T.: 13.652 min  
Delta R.T.: -0.003 min  
Response: 3265235  
Conc: 18.61 ug/ml



#12 1-chlorooctadecane (SURR)

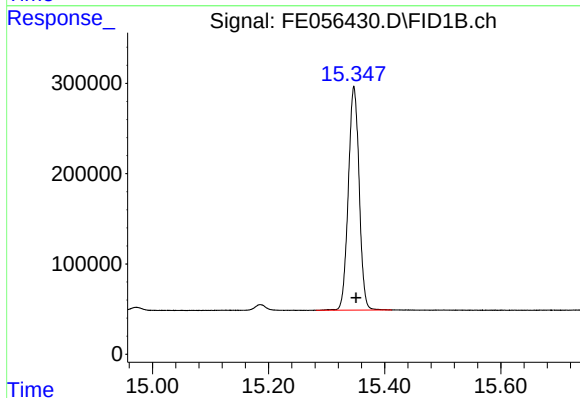
R.T.: 13.486 min  
Delta R.T.: -0.003 min  
Response: 2862806  
Conc: 18.76 ug/ml



#13 n-Docosane (C22)

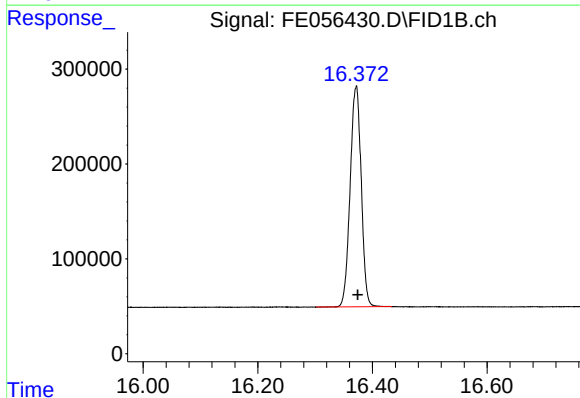
R.T.: 14.240 min  
Delta R.T.: -0.004 min  
Response: 3247519  
Conc: 18.35 ug/ml

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



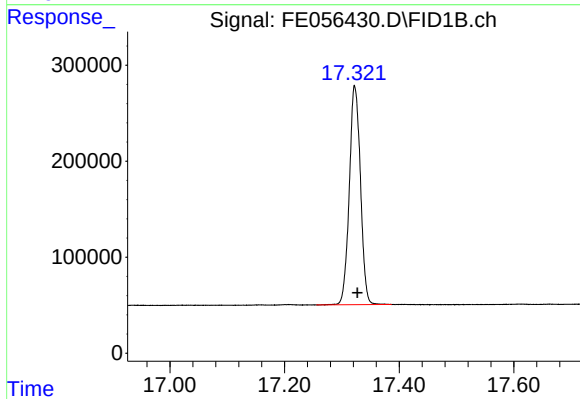
#14 n-Tetracosane (C24)

R.T.: 15.347 min  
Delta R.T.: -0.003 min  
Response: 3210149  
Conc: 17.64 ug/ml



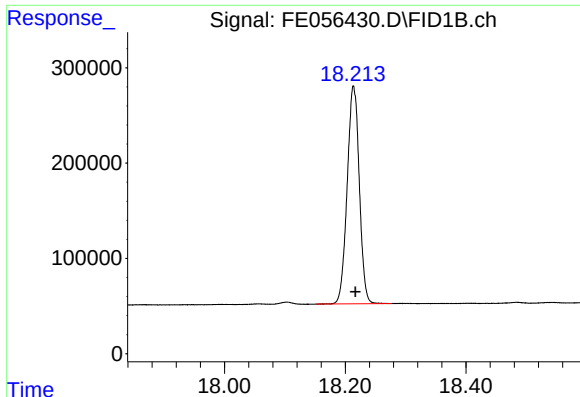
#15 n-Hexacosane (C26)

R.T.: 16.371 min  
Delta R.T.: -0.003 min  
Response: 3120543  
Conc: 17.38 ug/ml



#16 n-Octacosane (C28)

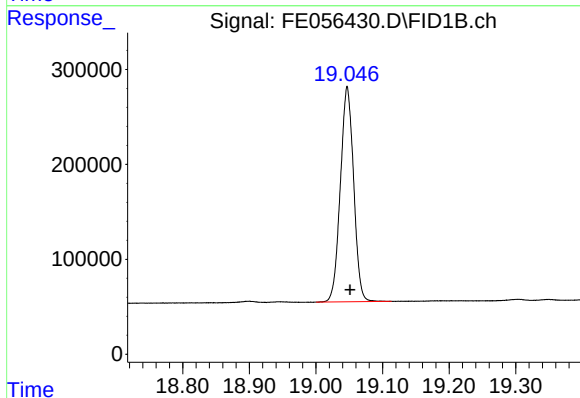
R.T.: 17.323 min  
Delta R.T.: -0.004 min  
Response: 3077760  
Conc: 17.30 ug/ml



#17 n-Tricontane (C30)

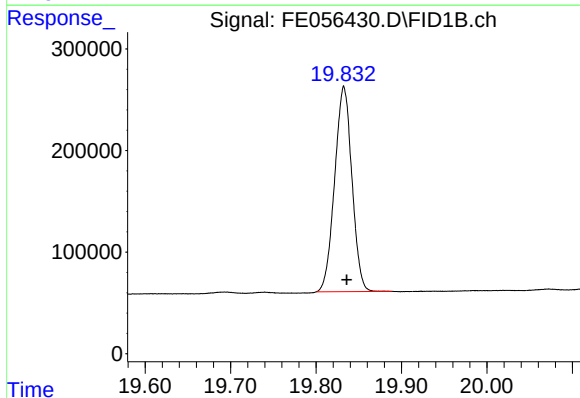
R.T.: 18.214 min  
Delta R.T.: -0.003 min  
Response: 3187000  
Conc: 17.55 ug/ml

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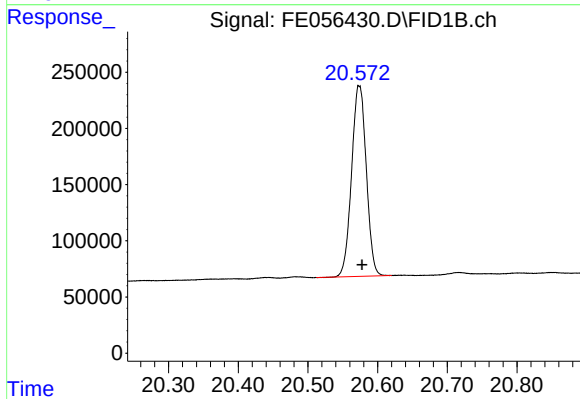
#18 n-Dotriacontane (C32)

R.T.: 19.047 min  
Delta R.T.: -0.004 min  
Response: 3138988  
Conc: 17.80 ug/ml



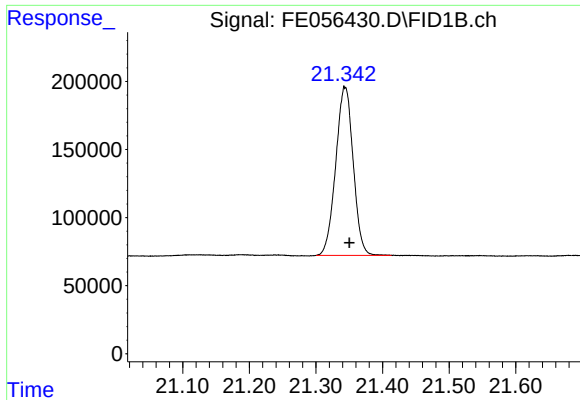
#19 n-Tetratriacontane (C34)

R.T.: 19.833 min  
Delta R.T.: -0.003 min  
Response: 2837911  
Conc: 18.33 ug/ml



#20 n-Hexatriacontane (C36)

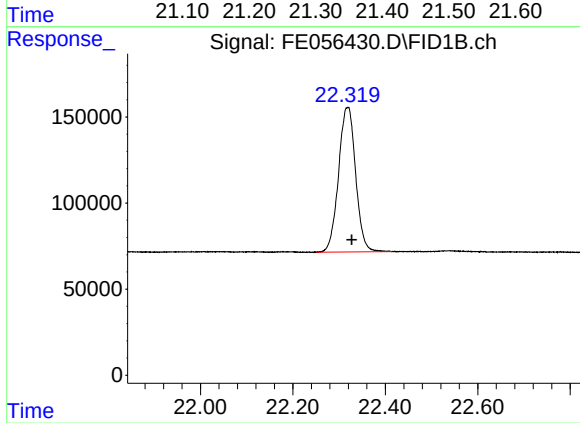
R.T.: 20.574 min  
Delta R.T.: -0.004 min  
Response: 2484766  
Conc: 19.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.344 min  
Delta R.T.: -0.006 min  
Response: 2253461  
Conc: 21.57 ug/ml

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

R.T.: 22.318 min  
Delta R.T.: -0.009 min  
Response: 2158137  
Conc: 23.78 ug/ml