

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE100925AL\  
 Data File : FE056289.D  
 Signal(s) : FID1B.ch  
 Acq On : 10 Oct 2025 00:26  
 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 01:31:55 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 | 3636599    | 19.379 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.76%       |
| 12) S 1-chlorooctadecane (S... | 13.497 | 2718141    | 19.476 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.95%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.405  | 2099019    | 15.322 ug/ml |
| 2) T n-Decane (C10)            | 4.663  | 2254993    | 16.157 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.381  | 2825047    | 17.694 ug/ml |
| 4) T n-Dodecane (C12)          | 6.837  | 2472656    | 17.228 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.481  | 2827458    | 18.181 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.672  | 2700686    | 18.267 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.286 | 3046185    | 19.169 ug/ml |
| 8) T n-Octadecane (C18)        | 11.734 | 3299065    | 19.477 ug/ml |
| 10) T n-Eicosane (C20)         | 13.048 | 3224070    | 19.450 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.662 | 3137073    | 19.306 ug/ml |
| 13) T n-Docosane (C22)         | 14.250 | 3088583    | 19.329 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.356 | 2982801    | 19.575 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.380 | 2751245    | 19.289 ug/ml |
| 16) T n-Octacosane (C28)       | 17.332 | 2737280    | 19.649 ug/ml |
| 17) T n-Tricontane (C30)       | 18.220 | 2921392    | 19.715 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.054 | 3073752    | 20.602 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.839 | 2940003    | 20.785 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.580 | 2589285    | 20.170 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.351 | 2389067    | 18.190 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.328 | 2178794    | 18.314 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

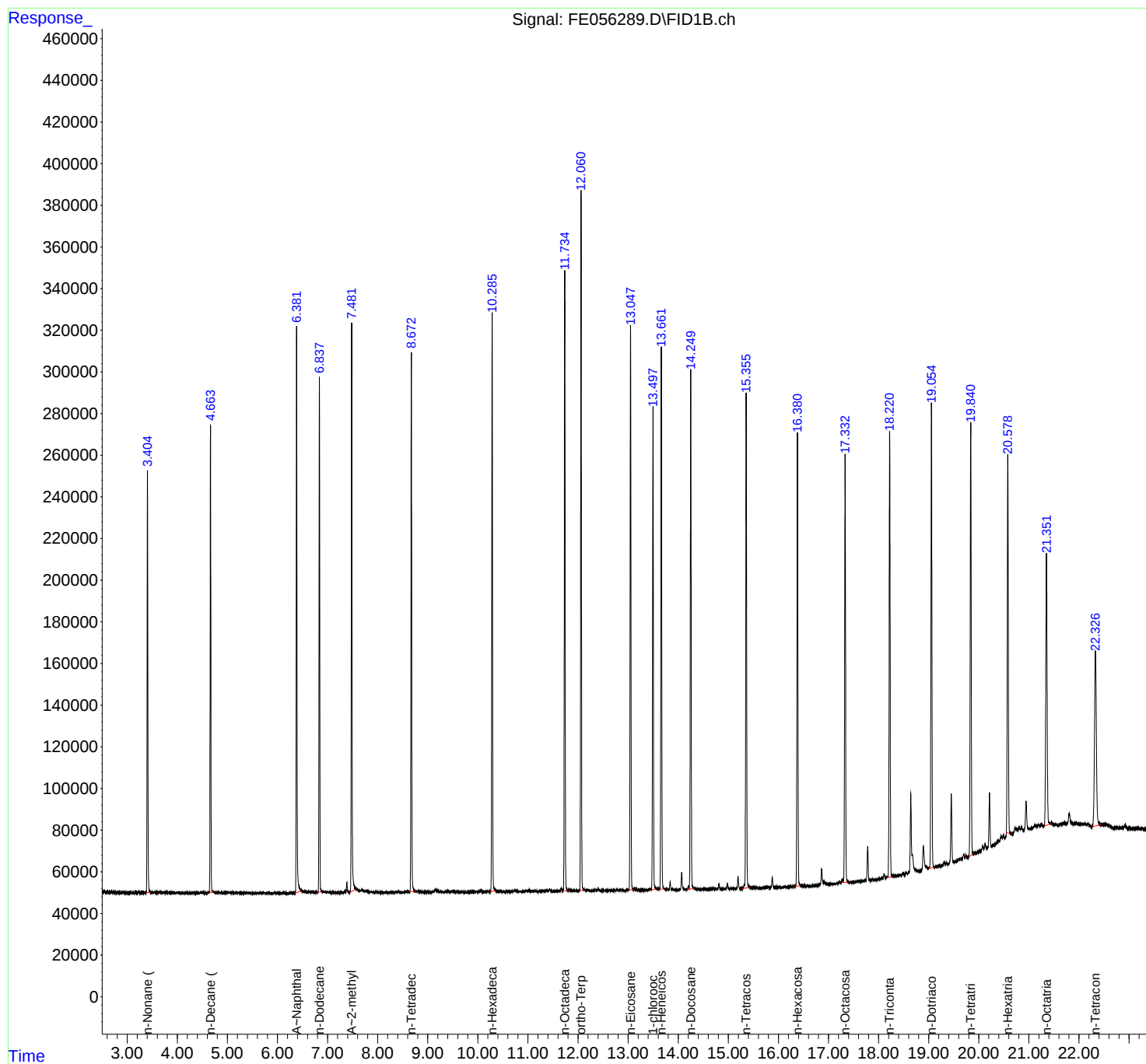
(m)=manual int.

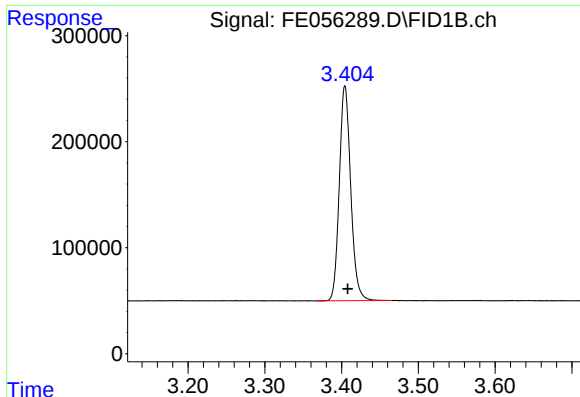
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Volume Inj. : 1 ul  
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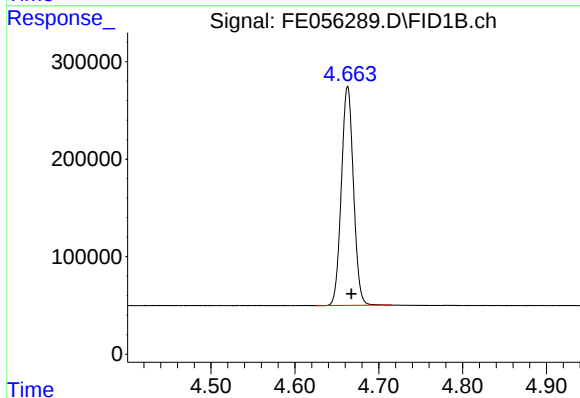




#1 n-Nonane (C9)

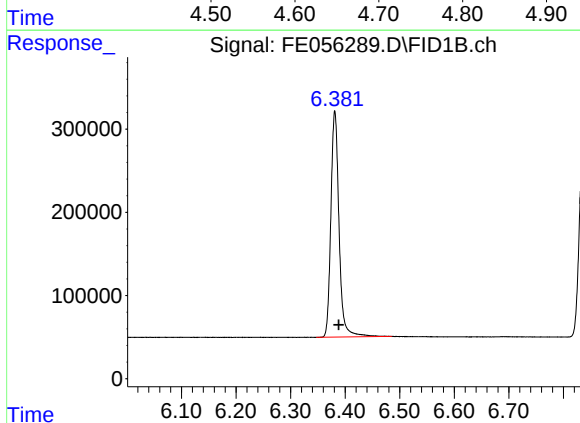
R.T.: 3.405 min  
Delta R.T.: -0.003 min  
Response: 2099019  
Conc: 15.32 ug/ml

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



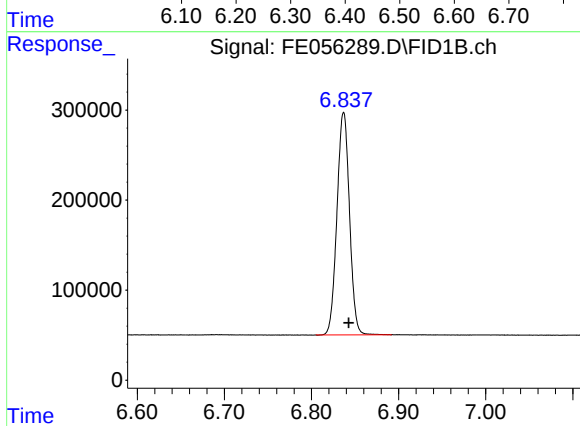
#2 n-Decane (C10)

R.T.: 4.663 min  
Delta R.T.: -0.004 min  
Response: 2254993  
Conc: 16.16 ug/ml



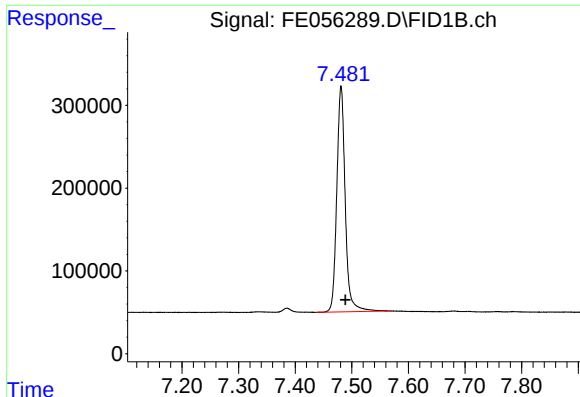
#3 A~Naphthalene (C11.7)

R.T.: 6.381 min  
Delta R.T.: -0.007 min  
Response: 2825047  
Conc: 17.69 ug/ml



#4 n-Dodecane (C12)

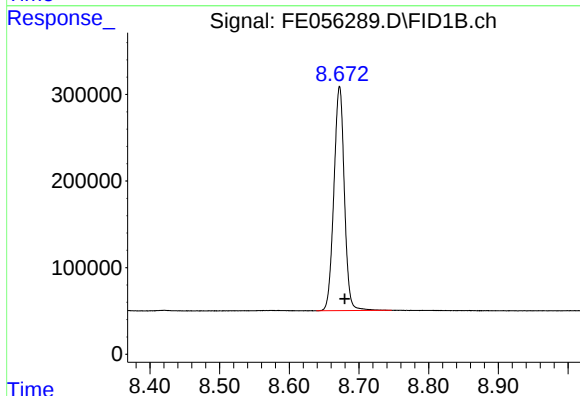
R.T.: 6.837 min  
Delta R.T.: -0.006 min  
Response: 2472656  
Conc: 17.23 ug/ml



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

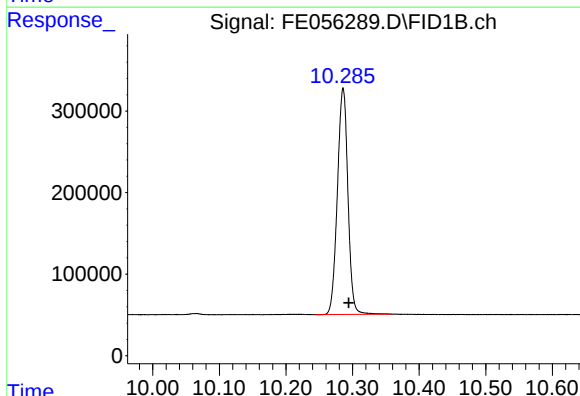
R.T.: 7.481 min  
Delta R.T.: -0.008 min  
Response: 2827458  
Conc: 18.18 ug/ml

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



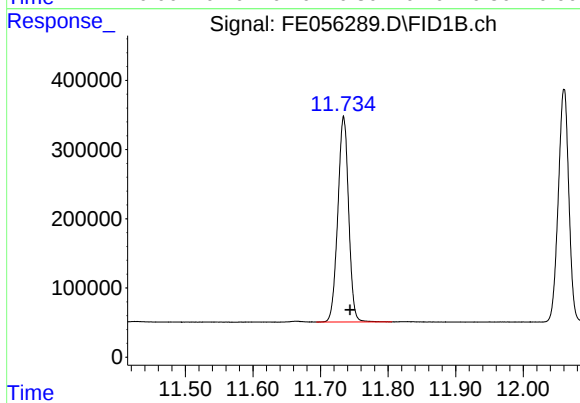
#6 n-Tetradecane (C14)

R.T.: 8.672 min  
Delta R.T.: -0.007 min  
Response: 2700686  
Conc: 18.27 ug/ml



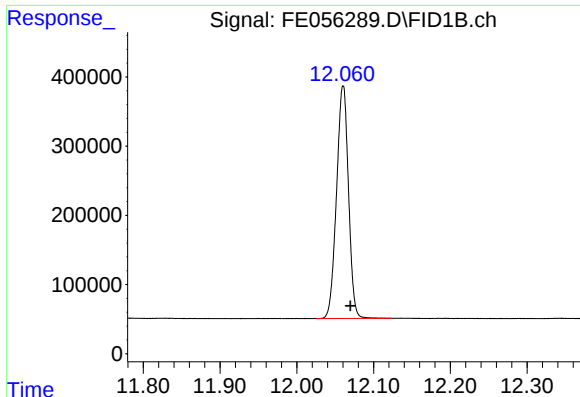
#7 n-Hexadecane (C16)

R.T.: 10.286 min  
Delta R.T.: -0.009 min  
Response: 3046185  
Conc: 19.17 ug/ml



#8 n-Octadecane (C18)

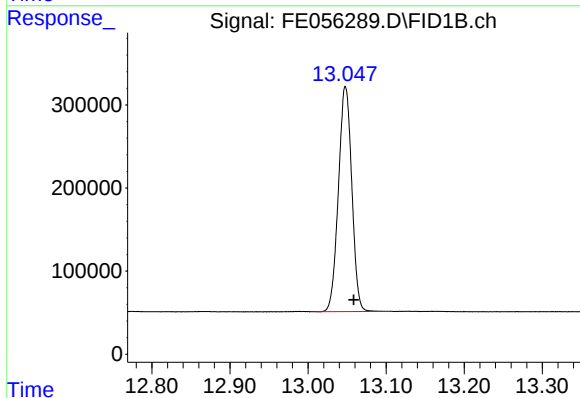
R.T.: 11.734 min  
Delta R.T.: -0.010 min  
Response: 3299065  
Conc: 19.48 ug/ml



#9 ortho-Terphenyl (SURR)

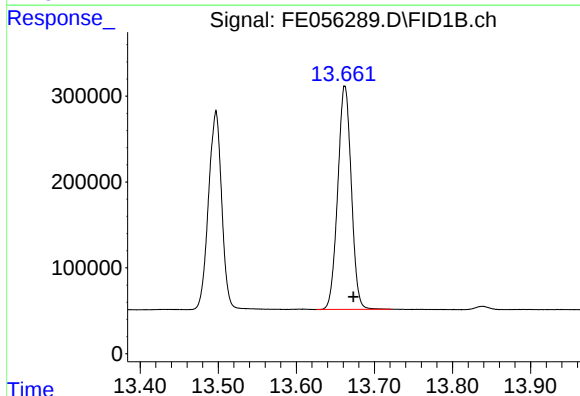
R.T.: 12.060 min  
Delta R.T.: -0.010 min  
Response: 3636599  
Conc: 19.38 ug/ml

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



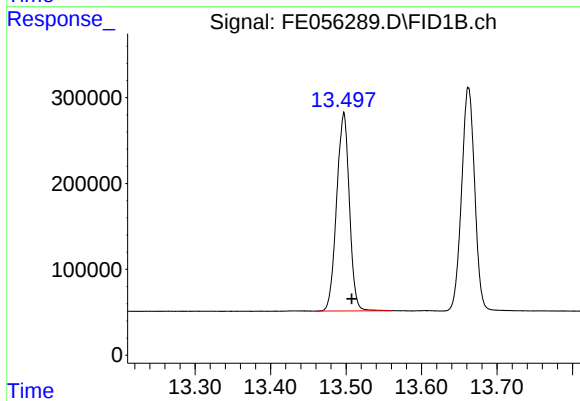
#10 n-Eicosane (C20)

R.T.: 13.048 min  
Delta R.T.: -0.011 min  
Response: 3224070  
Conc: 19.45 ug/ml



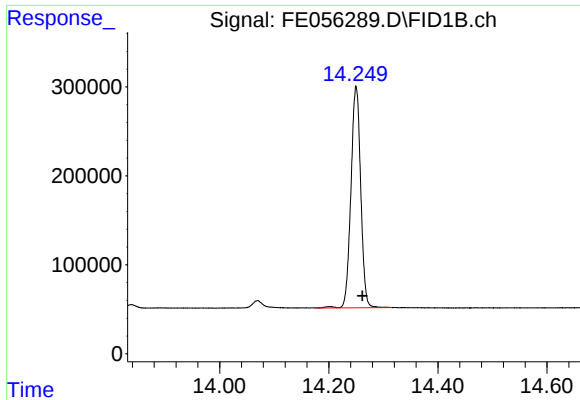
#11 n-Heneicosane (C21)

R.T.: 13.662 min  
Delta R.T.: -0.011 min  
Response: 3137073  
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

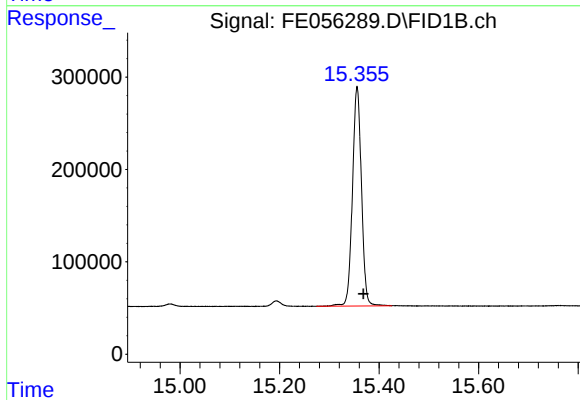
R.T.: 13.497 min  
Delta R.T.: -0.011 min  
Response: 2718141  
Conc: 19.48 ug/ml



#13 n-Docosane (C22)

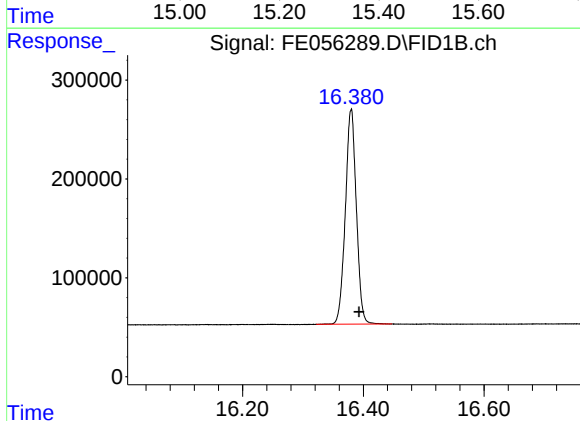
R.T.: 14.250 min  
Delta R.T.: -0.011 min  
Response: 3088583  
Conc: 19.33 ug/ml

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



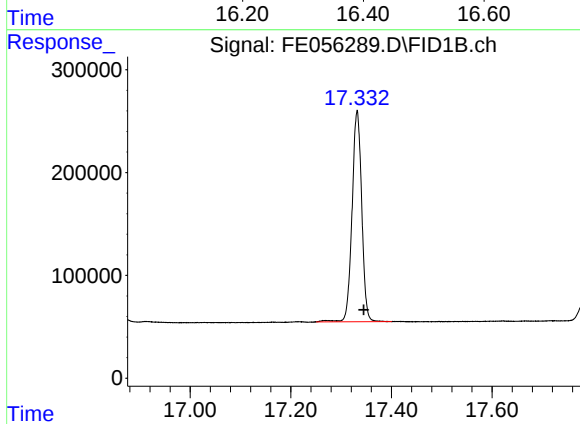
#14 n-Tetracosane (C24)

R.T.: 15.356 min  
Delta R.T.: -0.013 min  
Response: 2982801  
Conc: 19.57 ug/ml



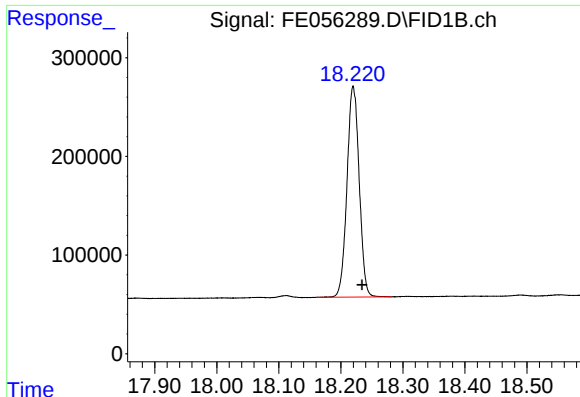
#15 n-Hexacosane (C26)

R.T.: 16.380 min  
Delta R.T.: -0.013 min  
Response: 2751245  
Conc: 19.29 ug/ml



#16 n-Octacosane (C28)

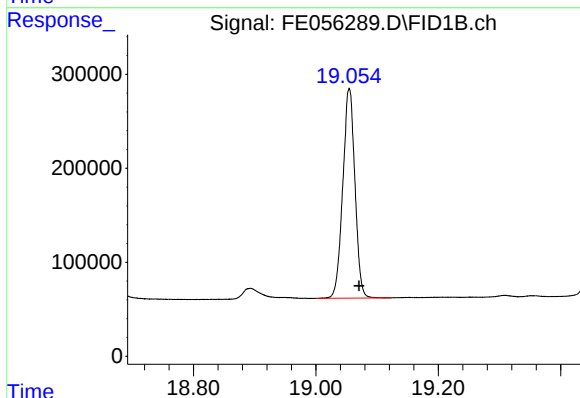
R.T.: 17.332 min  
Delta R.T.: -0.013 min  
Response: 2737280  
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

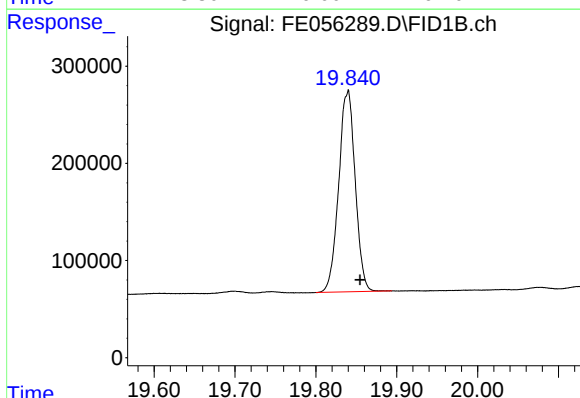
R.T.: 18.220 min  
Delta R.T.: -0.015 min  
Response: 2921392  
Conc: 19.72 ug/ml

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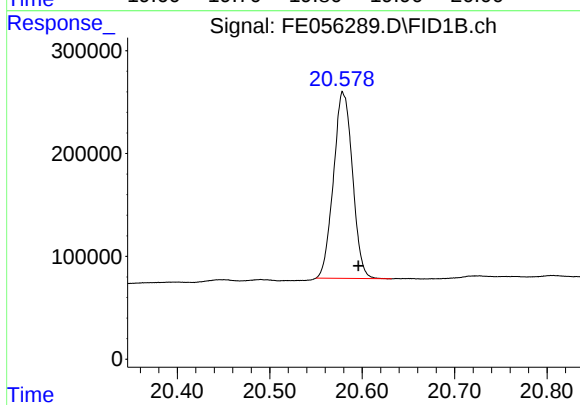
#18 n-Dotriacontane (C32)

R.T.: 19.054 min  
Delta R.T.: -0.016 min  
Response: 3073752  
Conc: 20.60 ug/ml



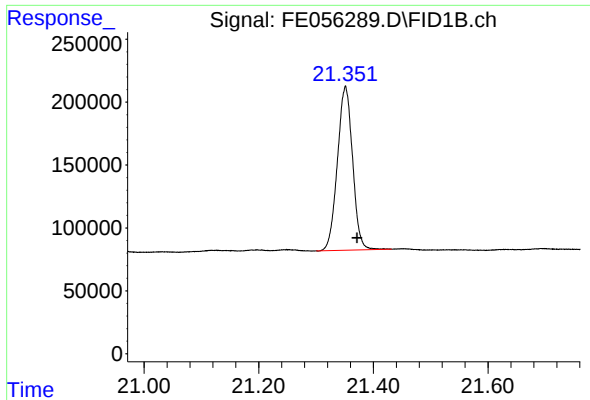
#19 n-Tetratriacontane (C34)

R.T.: 19.839 min  
Delta R.T.: -0.016 min  
Response: 2940003  
Conc: 20.78 ug/ml



#20 n-Hexatriacontane (C36)

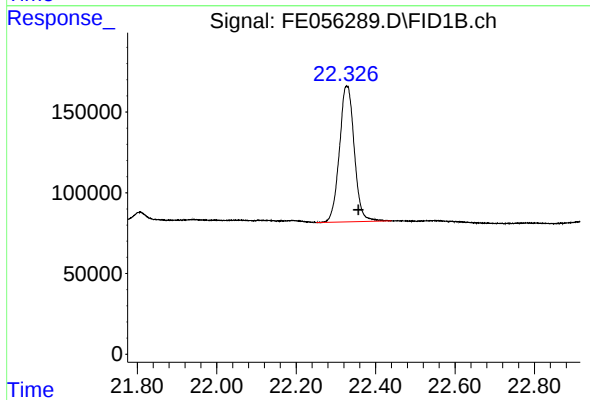
R.T.: 20.580 min  
Delta R.T.: -0.017 min  
Response: 2589285  
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.351 min  
Delta R.T.: -0.020 min  
Response: 2389067  
Conc: 18.19 ug/ml

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FID\_E  
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#22 n-Tetracontane (C40)

R.T.: 22.328 min  
Delta R.T.: -0.029 min  
Response: 2178794  
Conc: 18.31 ug/ml