

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111725AL\
 Data File : FE056867.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2025 12:46
 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: sample.E
 Quant Time: Nov 18 11:33:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.951	3847894	18.419 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
12) S 1-chlorooctadecane (S...	13.389	2890400	17.940 ug/ml
Spiked Amount 50.000		Recovery =	35.88%
Target Compounds			
1) T n-Nonane (C9)	3.313	3384244	20.149 ug/ml
2) T n-Decane (C10)	4.565	3447194	20.089 ug/ml
3) T A~Naphthalene (C11.7)	6.279	3528758	19.117 ug/ml
4) T n-Dodecane (C12)	6.736	3518223	20.228 ug/ml
5) T A~2-methylnaphthalene...	7.378	3312742	18.693 ug/ml
6) T n-Tetradecane (C14)	8.568	3480115	19.937 ug/ml
7) T n-Hexadecane (C16)	10.181	3560877	19.463 ug/ml
8) T n-Octadecane (C18)	11.628	3593129	18.984 ug/ml
10) T n-Eicosane (C20)	12.941	3415645	18.328 ug/ml
11) T n-Heneicosane (C21)	13.555	3343420	18.182 ug/ml
13) T n-Docosane (C22)	14.143	3288899	17.569 ug/ml
14) T n-Tetracosane (C24)	15.248	3227345	16.477 ug/ml
15) T n-Hexacosane (C26)	16.271	3148191	16.200 ug/ml
16) T n-Octacosane (C28)	17.223	3114619	16.083 ug/ml
17) T n-Tricontane (C30)	18.114	3205983	15.990 ug/ml
18) T n-Dotriacontane (C32)	18.948	3136150	15.948 ug/ml
19) T n-Tetratriacontane (C34)	19.733	2940487	17.035 ug/ml
20) T n-Hexatriacontane (C36)	20.475	2681870	18.540 ug/ml
21) T n-Octatriacontane (C38)	21.224	2519990	20.022 ug/ml
22) T n-Tetracontane (C40)	22.157	2540324	21.972 ug/ml

(f)=RT Delta > 1/2 Window

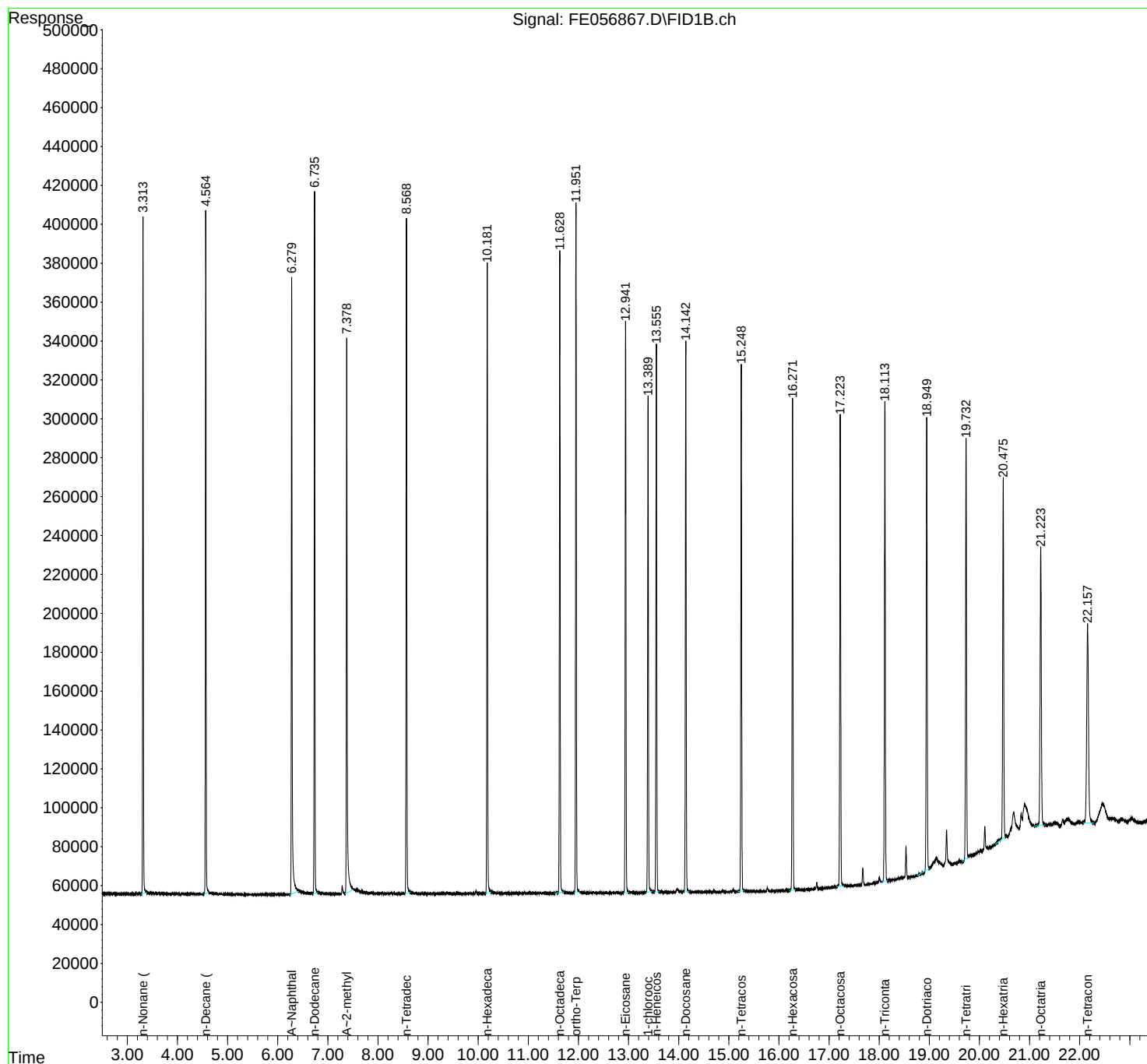
(m)=manual int.

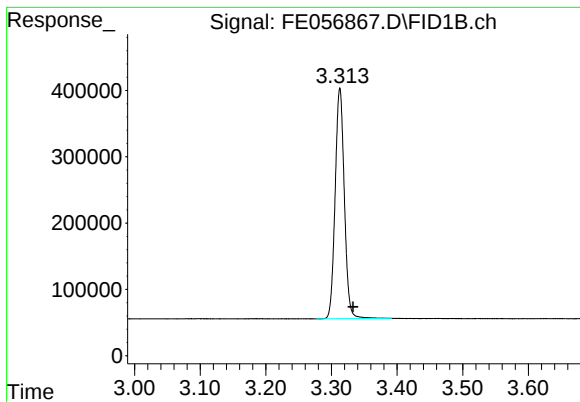
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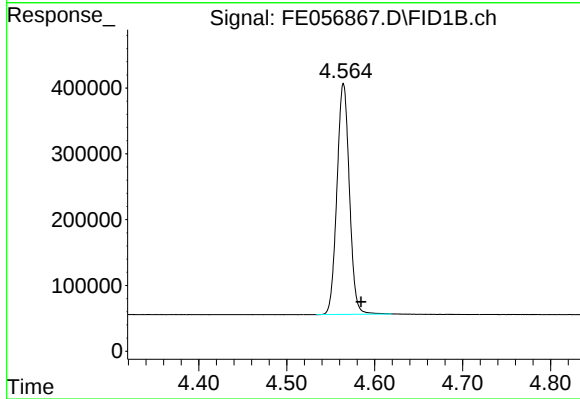




#1 n-Nonane (C9)

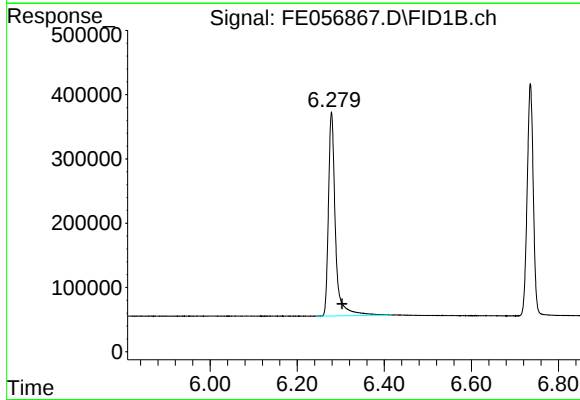
R.T.: 3.313 min
Delta R.T.: -0.020 min
Response: 3384244
Conc: 20.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



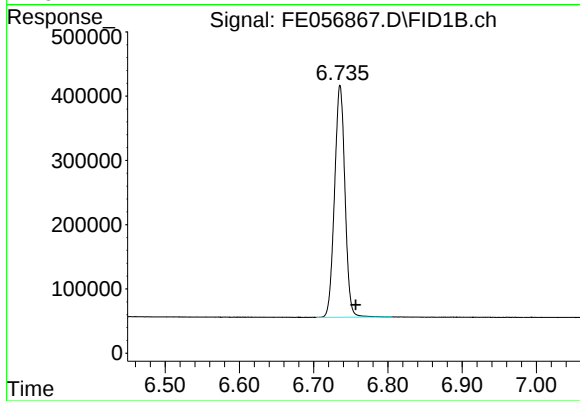
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: -0.020 min
Response: 3447194
Conc: 20.09 ug/ml



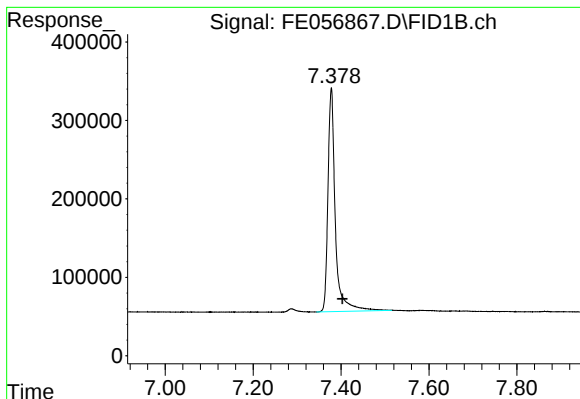
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: -0.024 min
Response: 3528758
Conc: 19.12 ug/ml



#4 n-Dodecane (C12)

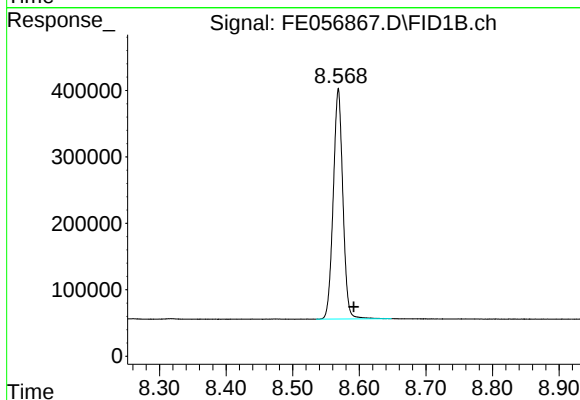
R.T.: 6.736 min
Delta R.T.: -0.021 min
Response: 3518223
Conc: 20.23 ug/ml



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

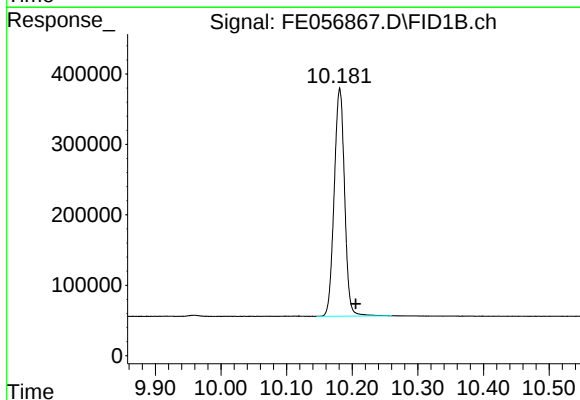
R.T.: 7.378 min
Delta R.T.: -0.025 min
Response: 3312742
Conc: 18.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



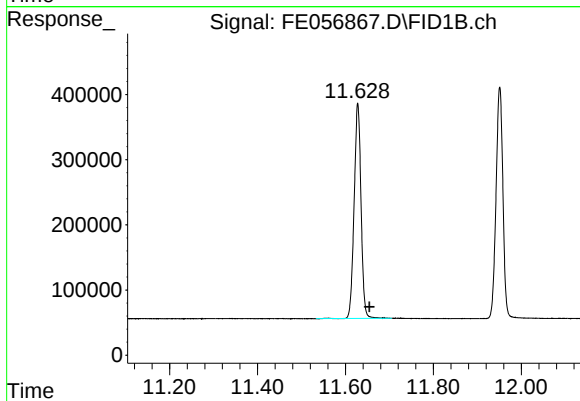
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.024 min
Response: 3480115
Conc: 19.94 ug/ml



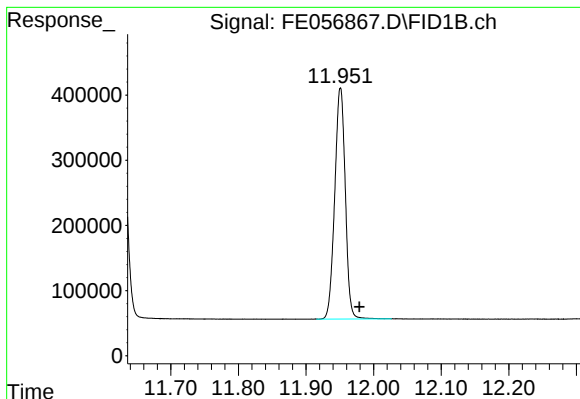
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.025 min
Response: 3560877
Conc: 19.46 ug/ml



#8 n-Octadecane (C18)

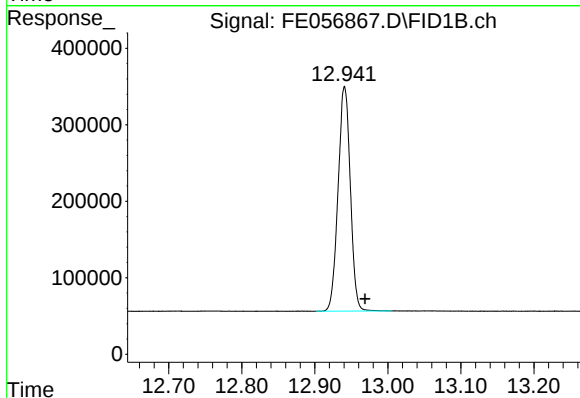
R.T.: 11.628 min
Delta R.T.: -0.026 min
Response: 3593129
Conc: 18.98 ug/ml



#9 ortho-Terphenyl (SURR)

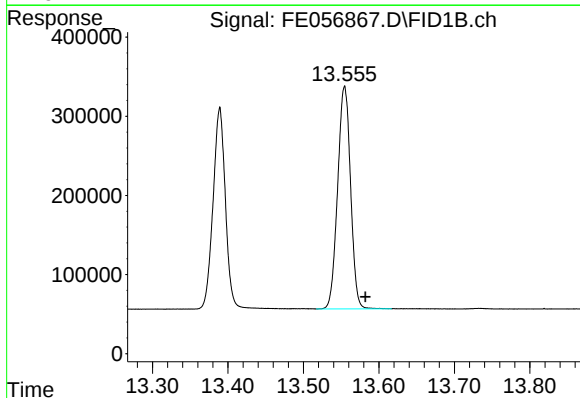
R.T.: 11.951 min
Delta R.T.: -0.028 min
Response: 3847894
Conc: 18.42 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



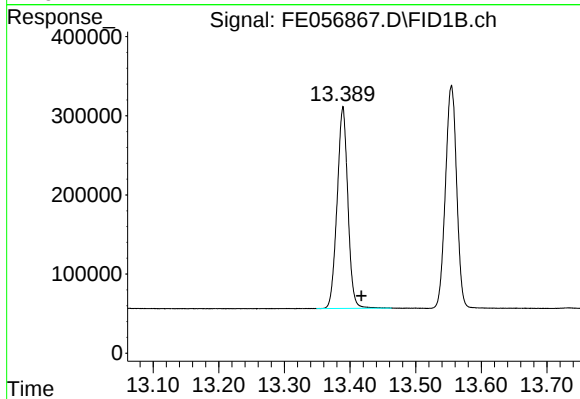
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.028 min
Response: 3415645
Conc: 18.33 ug/ml



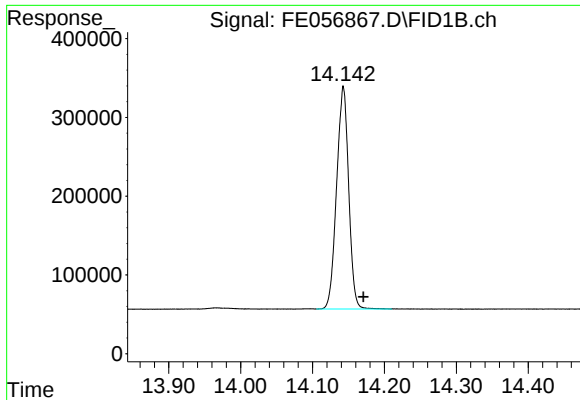
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.028 min
Response: 3343420
Conc: 18.18 ug/ml



#12 1-chlorooctadecane (SURR)

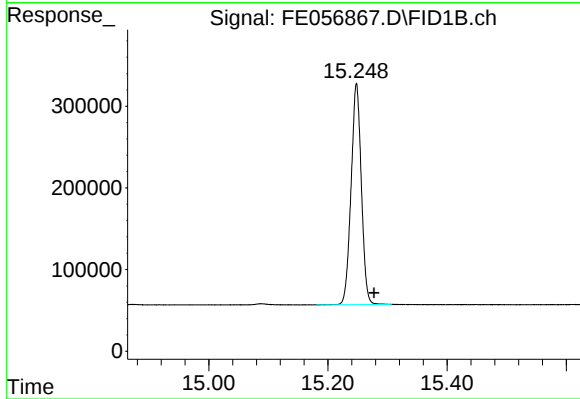
R.T.: 13.389 min
Delta R.T.: -0.028 min
Response: 2890400
Conc: 17.94 ug/ml



#13 n-Docosane (C22)

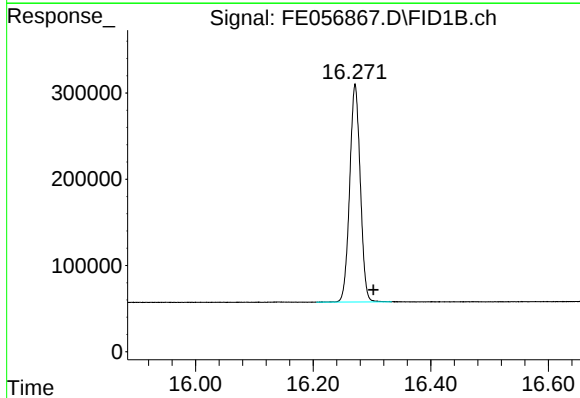
R.T.: 14.143 min
Delta R.T.: -0.028 min
Response: 3288899
Conc: 17.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



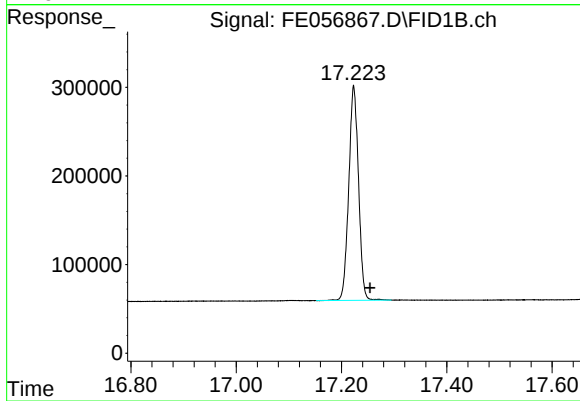
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.029 min
Response: 3227345
Conc: 16.48 ug/ml



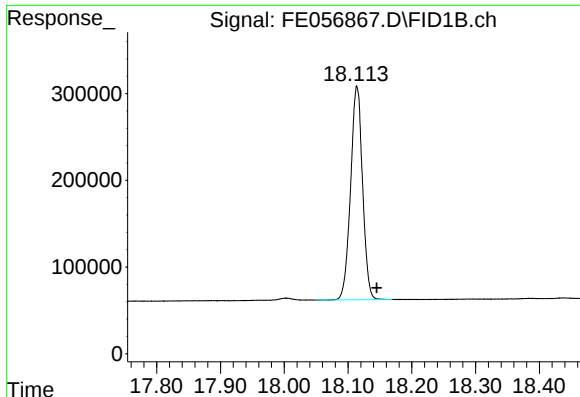
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.031 min
Response: 3148191
Conc: 16.20 ug/ml



#16 n-Octacosane (C28)

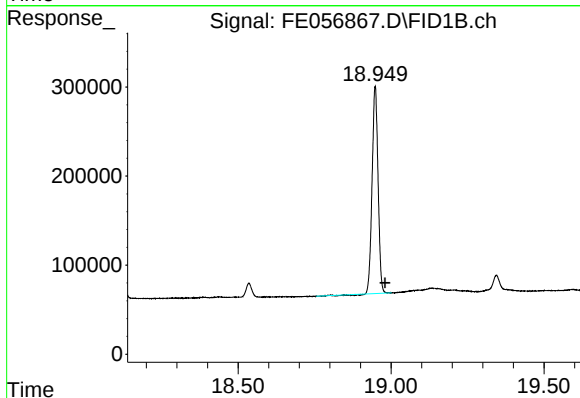
R.T.: 17.223 min
Delta R.T.: -0.031 min
Response: 3114619
Conc: 16.08 ug/ml



#17 n-Tricontane (C30)

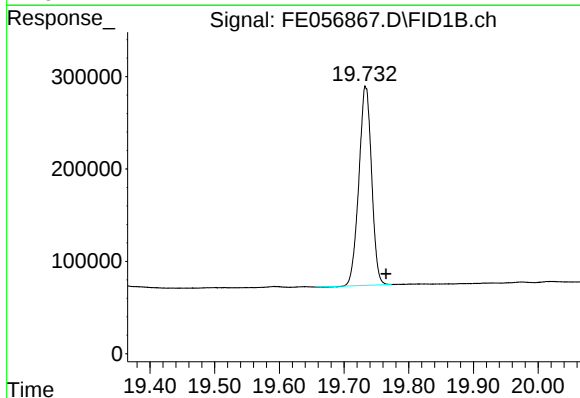
R.T.: 18.114 min
Delta R.T.: -0.031 min
Response: 3205983
Conc: 15.99 ug/ml

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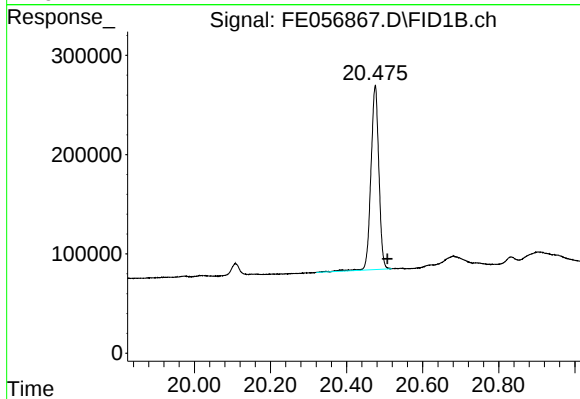
#18 n-Dotriacontane (C32)

R.T.: 18.948 min
Delta R.T.: -0.032 min
Response: 3136150
Conc: 15.95 ug/ml



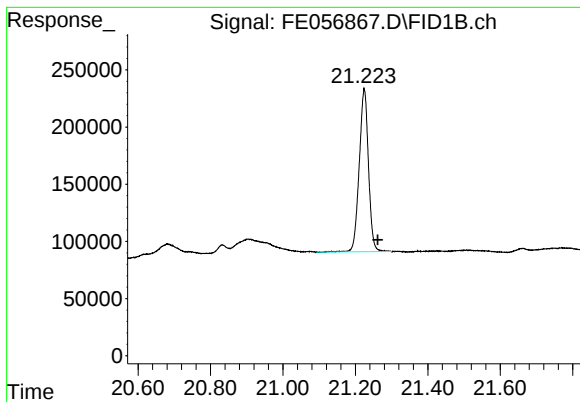
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.031 min
Response: 2940487
Conc: 17.04 ug/ml



#20 n-Hexatriacontane (C36)

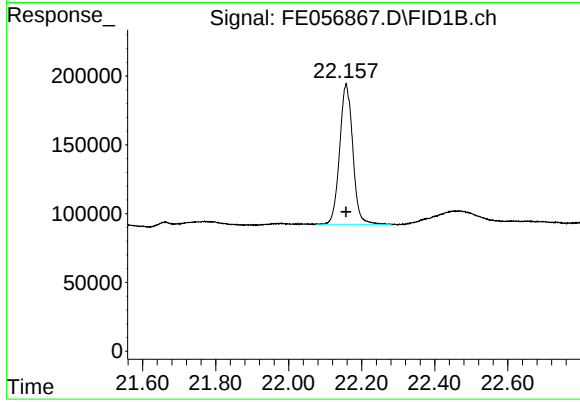
R.T.: 20.475 min
Delta R.T.: -0.032 min
Response: 2681870
Conc: 18.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: -0.037 min
Response: 2519990
Conc: 20.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.157 min
Delta R.T.: 0.000 min
Response: 2540324
Conc: 21.97 ug/ml