

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111725AL\
 Data File : FE056893.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2025 04:14
 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 11:51:45 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)	11.949	3775941	18.074 ug/ml
Spiked Amount 50.000		Recovery =	36.15%
12) S 1-chlorooctadecane (S...	13.386	2842077	17.640 ug/ml
Spiked Amount 50.000		Recovery =	35.28%
Target Compounds			
1) T n-Nonane (C9)	3.311	3384429	20.150 ug/ml
2) T n-Decane (C10)	4.563	3468521	20.214 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3543970	19.200 ug/ml
4) T n-Dodecane (C12)	6.734	3539359	20.349 ug/ml
5) T A~2-methylnaphthalene...	7.377	3338696	18.839 ug/ml
6) T n-Tetradecane (C14)	8.568	3468107	19.869 ug/ml
7) T n-Hexadecane (C16)	10.179	3529504	19.291 ug/ml
8) T n-Octadecane (C18)	11.627	3530070	18.651 ug/ml
10) T n-Eicosane (C20)	12.939	3341497	17.930 ug/ml
11) T n-Heneicosane (C21)	13.553	3257360	17.714 ug/ml
13) T n-Docosane (C22)	14.140	3214317	17.170 ug/ml
14) T n-Tetracosane (C24)	15.246	3169575	16.183 ug/ml
15) T n-Hexacosane (C26)	16.269	3106535	15.985 ug/ml
16) T n-Octacosane (C28)	17.222	3112186	16.070 ug/ml
17) T n-Tricontane (C30)	18.111	3247256	16.196 ug/ml
18) T n-Dotriacontane (C32)	18.947	3244460	16.499 ug/ml
19) T n-Tetratriacontane (C34)	19.731	3105280	17.990 ug/ml
20) T n-Hexatriacontane (C36)	20.472	2840353	19.635 ug/ml
21) T n-Octatriacontane (C38)	21.220	2451612	19.479 ug/ml
22) T n-Tetracontane (C40)	22.156	2429604	21.015 ug/ml

(f)=RT Delta > 1/2 Window

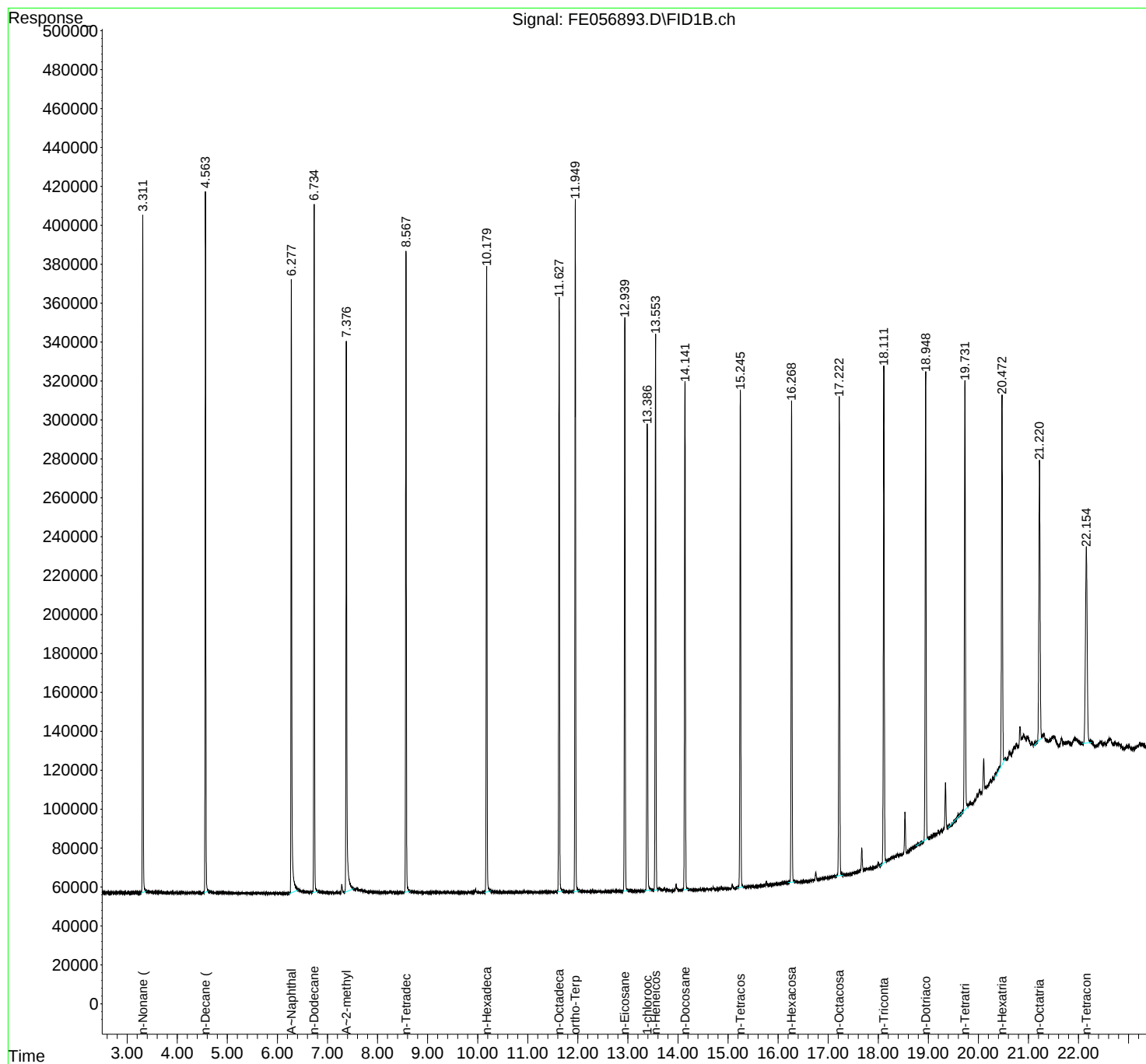
(m)=manual int.

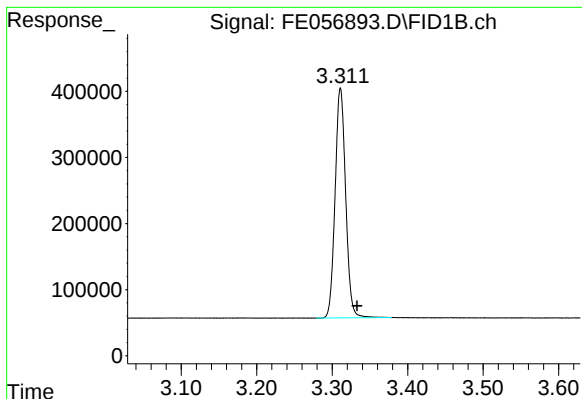
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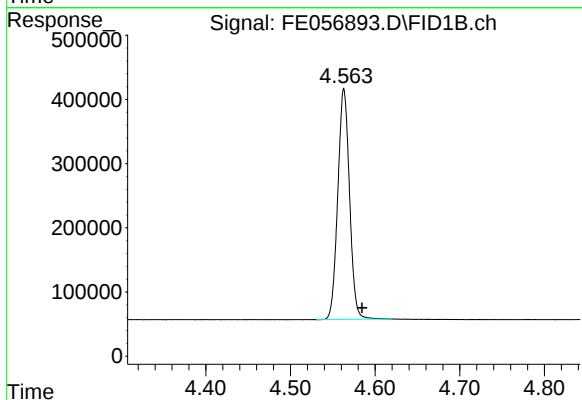




#1 n-Nonane (C9)

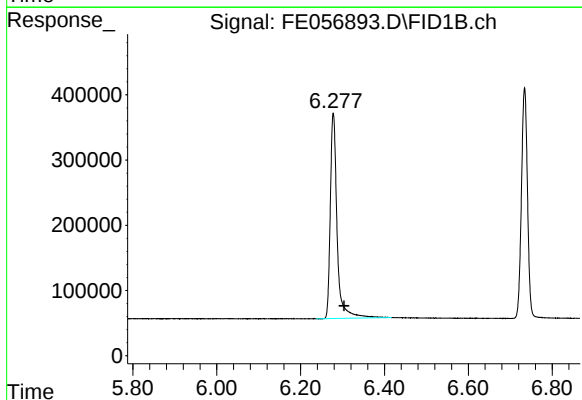
R.T.: 3.311 min
Delta R.T.: -0.022 min
Response: 3384429
Conc: 20.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



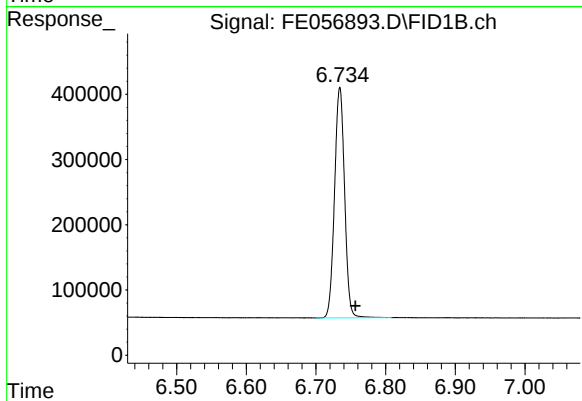
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: -0.021 min
Response: 3468521
Conc: 20.21 ug/ml



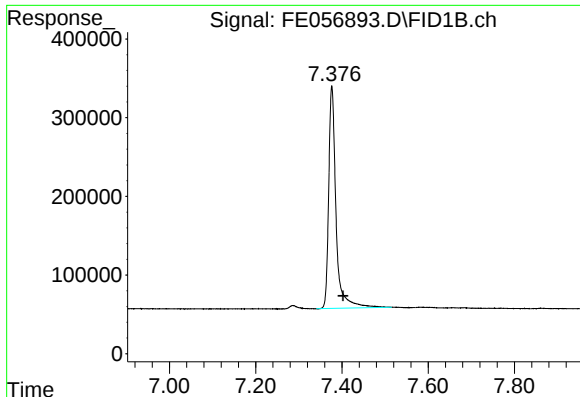
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.025 min
Response: 3543970
Conc: 19.20 ug/ml



#4 n-Dodecane (C12)

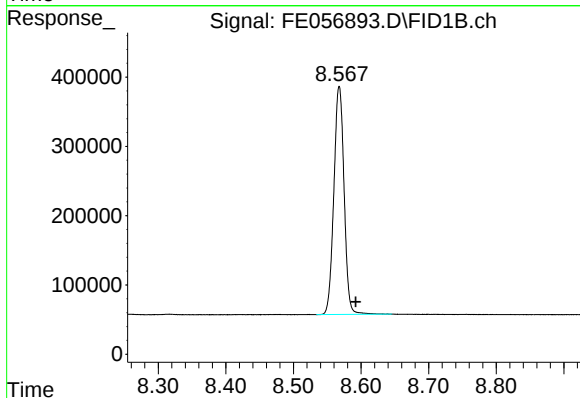
R.T.: 6.734 min
Delta R.T.: -0.023 min
Response: 3539359
Conc: 20.35 ug/ml



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

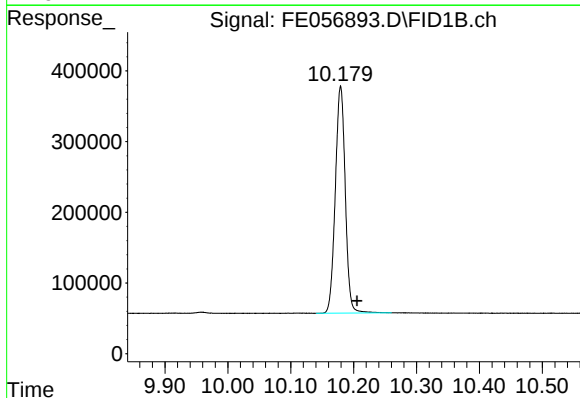
R.T.: 7.377 min
Delta R.T.: -0.026 min
Response: 3338696
Conc: 18.84 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



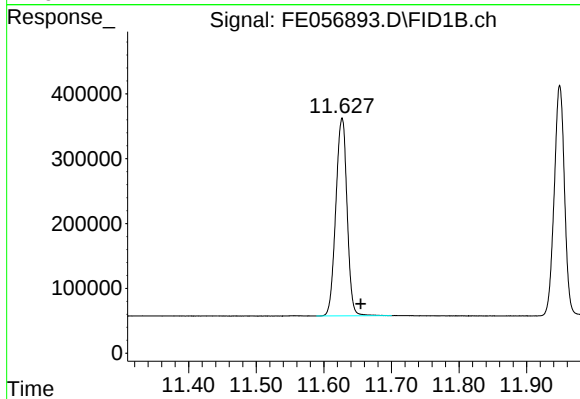
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.024 min
Response: 3468107
Conc: 19.87 ug/ml



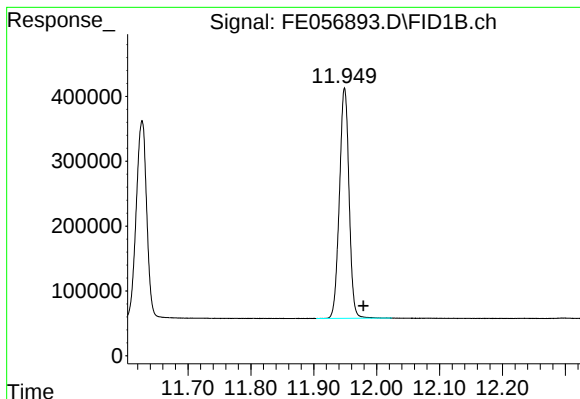
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: -0.026 min
Response: 3529504
Conc: 19.29 ug/ml



#8 n-Octadecane (C18)

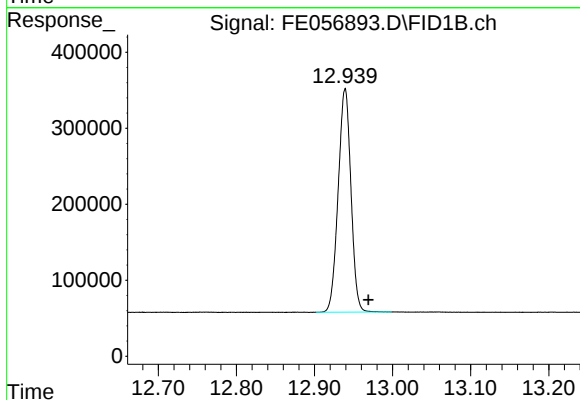
R.T.: 11.627 min
Delta R.T.: -0.028 min
Response: 3530070
Conc: 18.65 ug/ml



#9 ortho-Terphenyl (SURR)

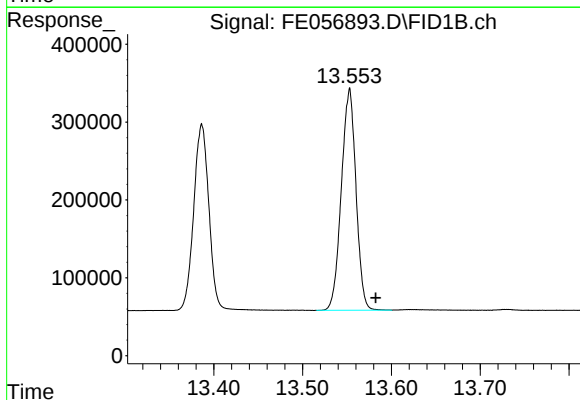
R.T.: 11.949 min
Delta R.T.: -0.030 min
Response: 3775941
Conc: 18.07 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



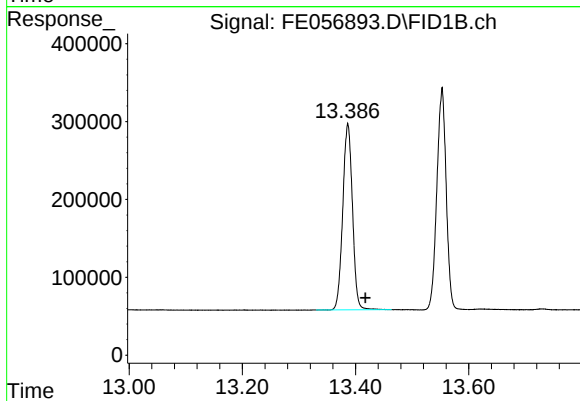
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: -0.030 min
Response: 3341497
Conc: 17.93 ug/ml



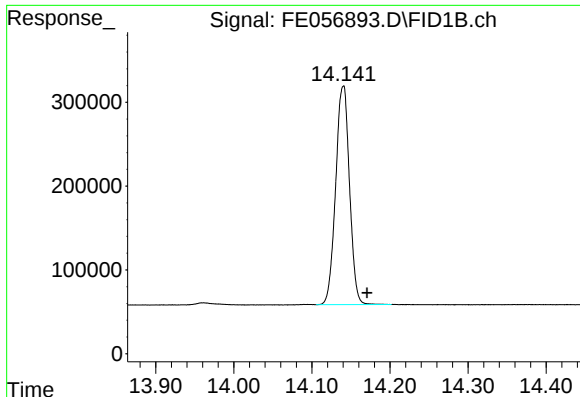
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.030 min
Response: 3257360
Conc: 17.71 ug/ml



#12 1-chlorooctadecane (SURR)

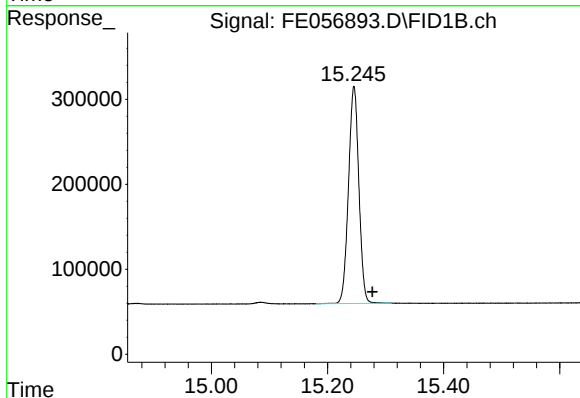
R.T.: 13.386 min
Delta R.T.: -0.031 min
Response: 2842077
Conc: 17.64 ug/ml



#13 n-Docosane (C22)

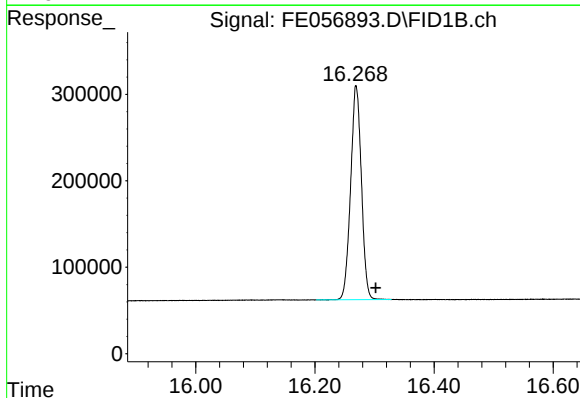
R.T.: 14.140 min
Delta R.T.: -0.031 min
Response: 3214317
Conc: 17.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



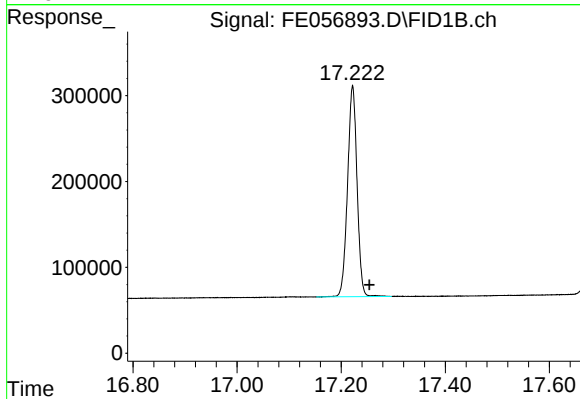
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.032 min
Response: 3169575
Conc: 16.18 ug/ml



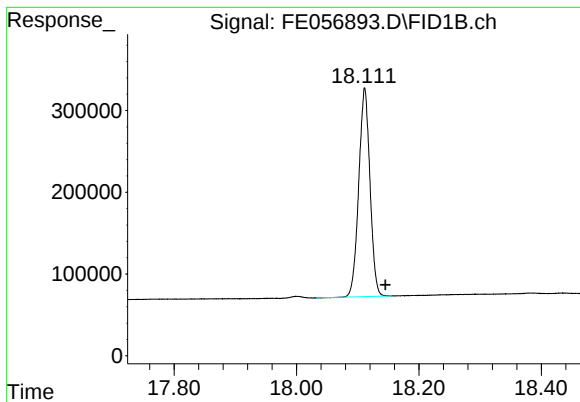
#15 n-Hexacosane (C26)

R.T.: 16.269 min
Delta R.T.: -0.033 min
Response: 3106535
Conc: 15.99 ug/ml



#16 n-Octacosane (C28)

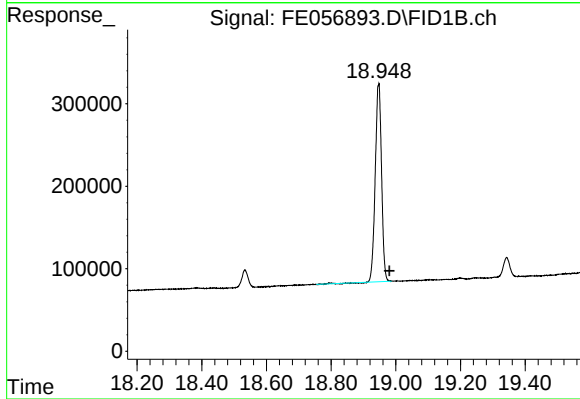
R.T.: 17.222 min
Delta R.T.: -0.033 min
Response: 3112186
Conc: 16.07 ug/ml



#17 n-Tricontane (C30)

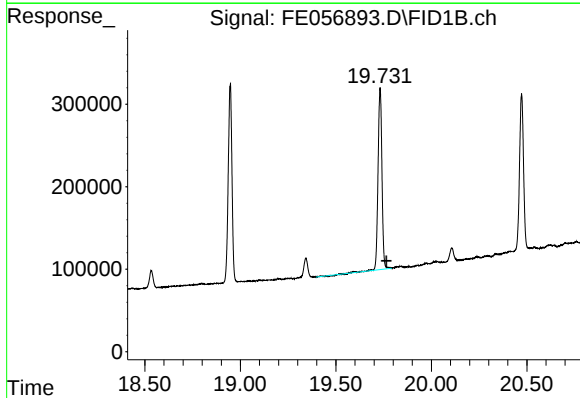
R.T.: 18.111 min
Delta R.T.: -0.034 min
Response: 3247256
Conc: 16.20 ug/ml

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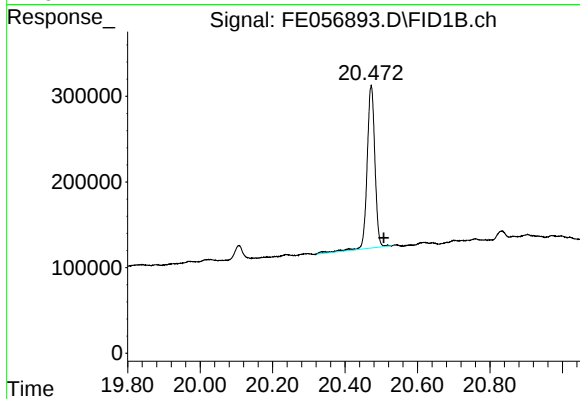
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.034 min
Response: 3244460
Conc: 16.50 ug/ml



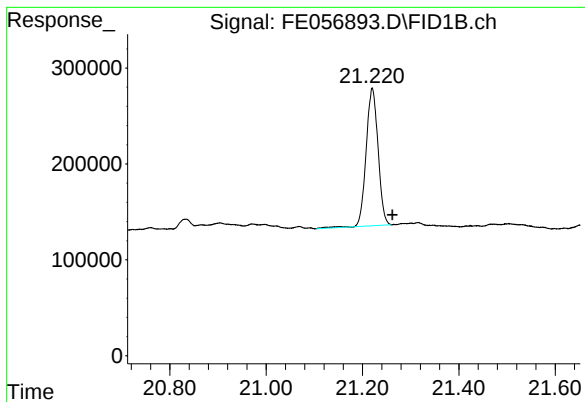
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: -0.033 min
Response: 3105280
Conc: 17.99 ug/ml



#20 n-Hexatriacontane (C36)

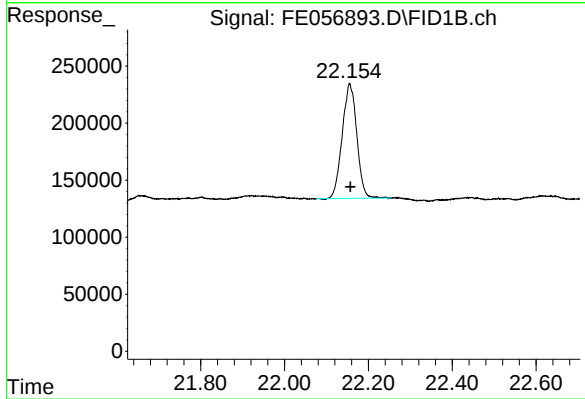
R.T.: 20.472 min
Delta R.T.: -0.035 min
Response: 2840353
Conc: 19.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: -0.041 min
Response: 2451612
Conc: 19.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: -0.001 min
Response: 2429604
Conc: 21.01 ug/ml