

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110325AL\
 Data File : FE056626.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2025 09:22
 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: Nov 04 00:36:06 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)	11.965	4610383	22.068 ug/ml
Spiked Amount 50.000		Recovery =	44.14%
12) S 1-chlorooctadecane (S...	13.402	3479990	21.599 ug/ml
Spiked Amount 50.000		Recovery =	43.20%
Target Compounds			
1) T n-Nonane (C9)	3.322	3718540	22.139 ug/ml
2) T n-Decane (C10)	4.575	3853924	22.460 ug/ml
3) T A~Naphthalene (C11.7)	6.289	4044272	21.910 ug/ml
4) T n-Dodecane (C12)	6.747	3986965	22.923 ug/ml
5) T A~2-methylnaphthalene...	7.388	3864799	21.808 ug/ml
6) T n-Tetradecane (C14)	8.582	3965440	22.718 ug/ml
7) T n-Hexadecane (C16)	10.194	4116893	22.502 ug/ml
8) T n-Octadecane (C18)	11.642	4234498	22.373 ug/ml
10) T n-Eicosane (C20)	12.955	4085897	21.924 ug/ml
11) T n-Heneicosane (C21)	13.569	4024217	21.885 ug/ml
13) T n-Docosane (C22)	14.157	4032382	21.540 ug/ml
14) T n-Tetracosane (C24)	15.263	4077872	20.820 ug/ml
15) T n-Hexacosane (C26)	16.287	3982858	20.495 ug/ml
16) T n-Octacosane (C28)	17.239	3847658	19.868 ug/ml
17) T n-Tricontane (C30)	18.128	3835421	19.130 ug/ml
18) T n-Dotriacontane (C32)	18.963	3646269	18.542 ug/ml
19) T n-Tetratriacontane (C34)	19.748	3157801	18.294 ug/ml
20) T n-Hexatriacontane (C36)	20.489	2828745	19.555 ug/ml
21) T n-Octatriacontane (C38)	21.240	2369626	18.827 ug/ml
22) T n-Tetracontane (C40)	22.180	2450925	21.199 ug/ml

(f)=RT Delta > 1/2 Window

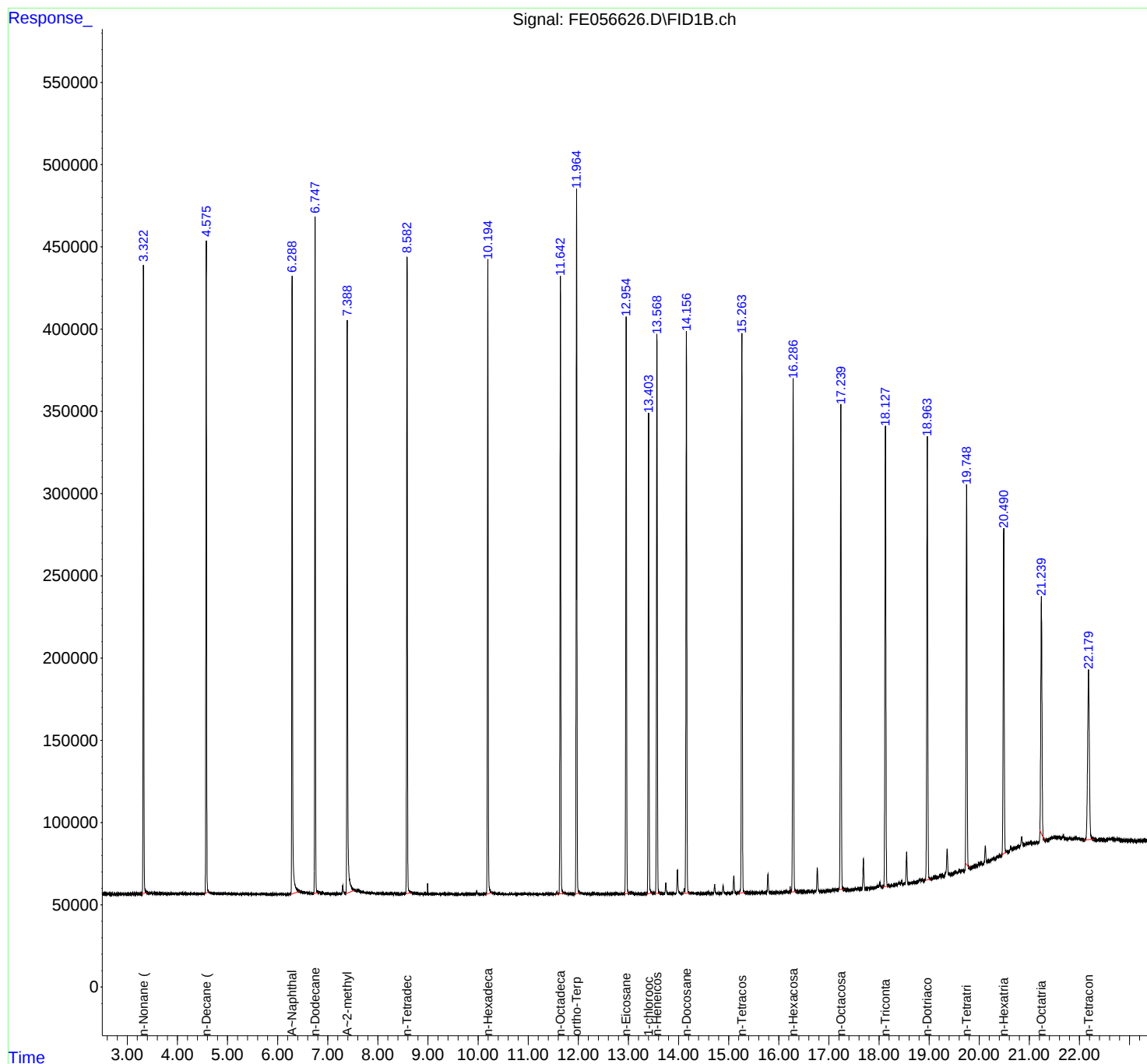
(m)=manual int.

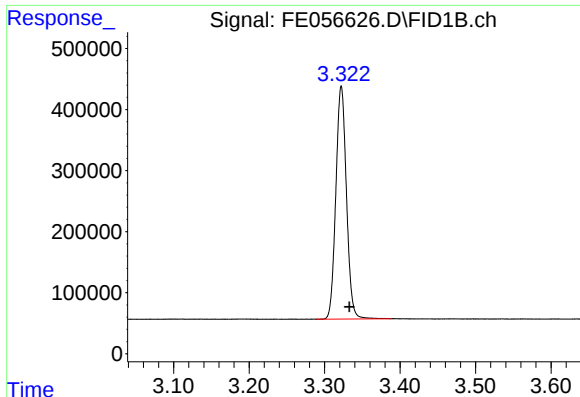
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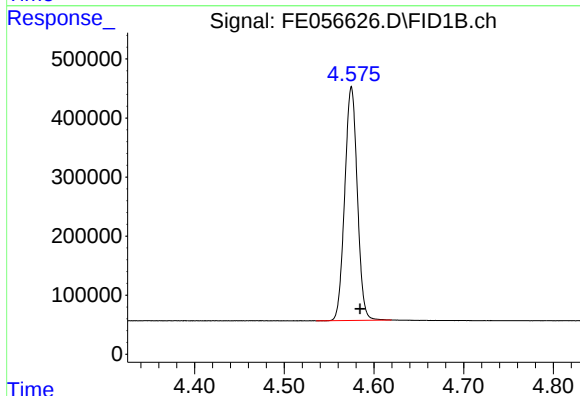




#1 n-Nonane (C9)

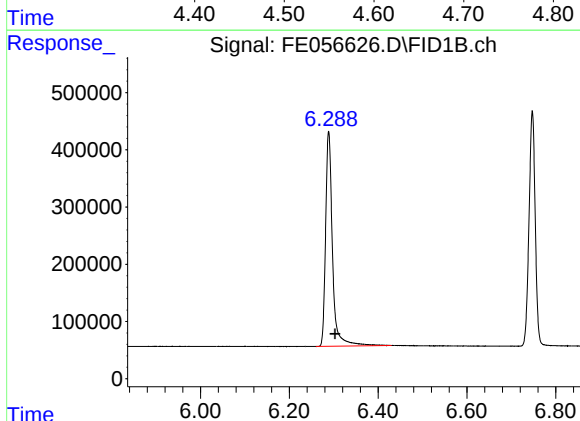
R.T.: 3.322 min
Delta R.T.: -0.011 min
Response: 3718540
Conc: 22.14 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



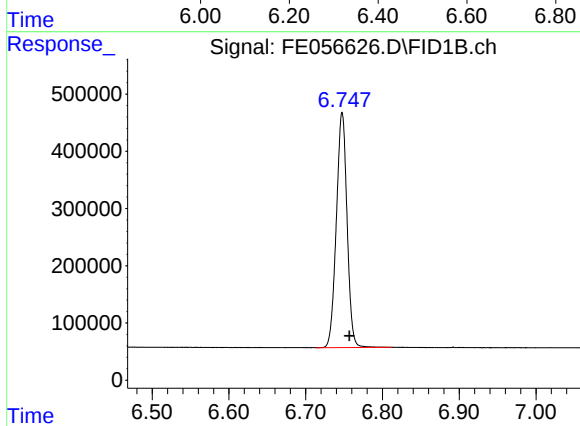
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.010 min
Response: 3853924
Conc: 22.46 ug/ml



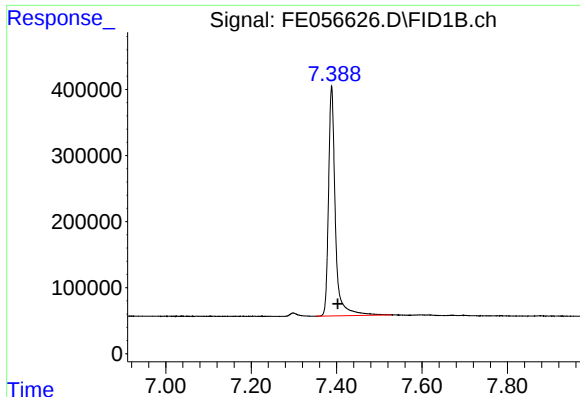
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.014 min
Response: 4044272
Conc: 21.91 ug/ml



#4 n-Dodecane (C12)

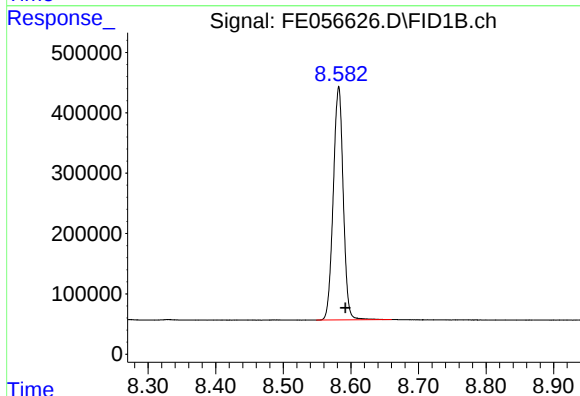
R.T.: 6.747 min
Delta R.T.: -0.009 min
Response: 3986965
Conc: 22.92 ug/ml



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

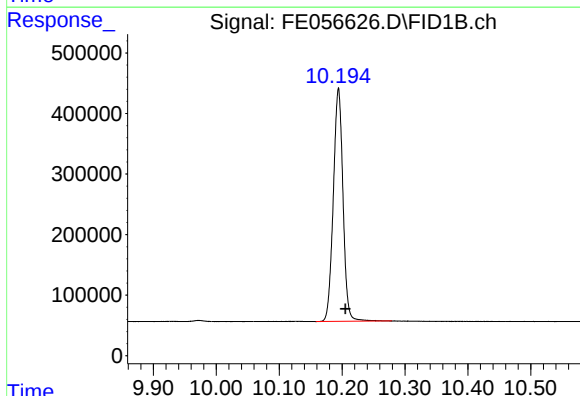
R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 3864799
Conc: 21.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



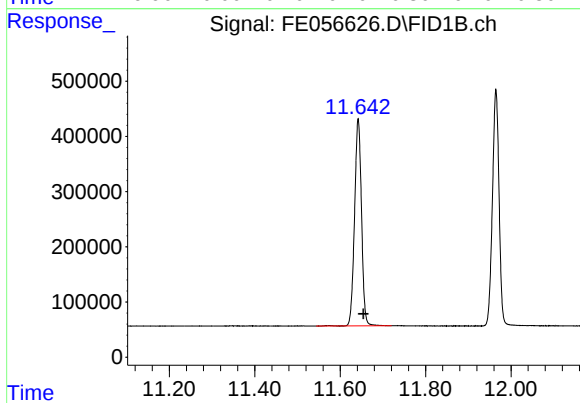
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: -0.010 min
Response: 3965440
Conc: 22.72 ug/ml



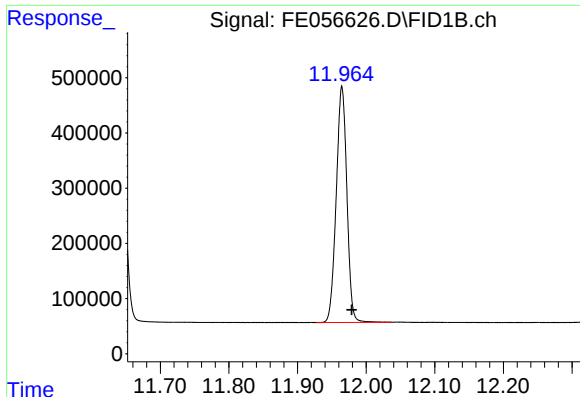
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.011 min
Response: 4116893
Conc: 22.50 ug/ml



#8 n-Octadecane (C18)

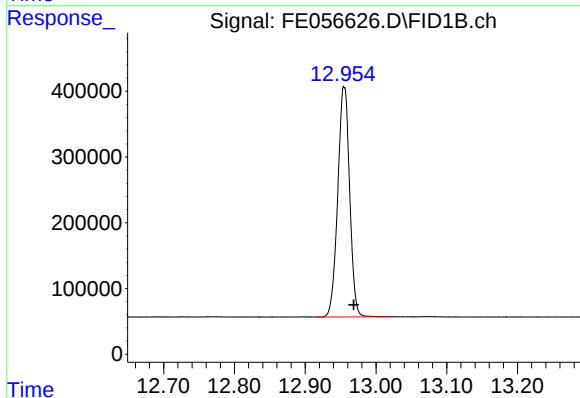
R.T.: 11.642 min
Delta R.T.: -0.012 min
Response: 4234498
Conc: 22.37 ug/ml



#9 ortho-Terphenyl (SURR)

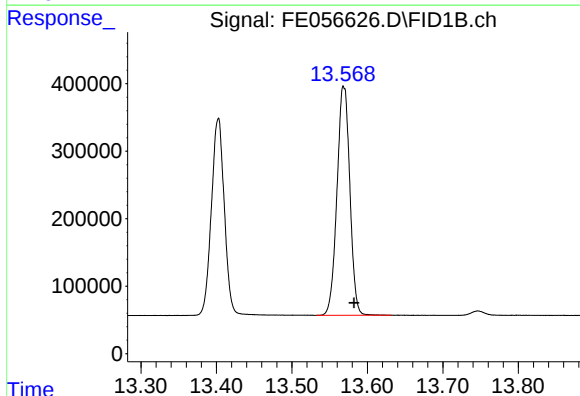
R.T.: 11.965 min
Delta R.T.: -0.014 min
Response: 4610383
Conc: 22.07 ug/ml

Instrument :
FID_E
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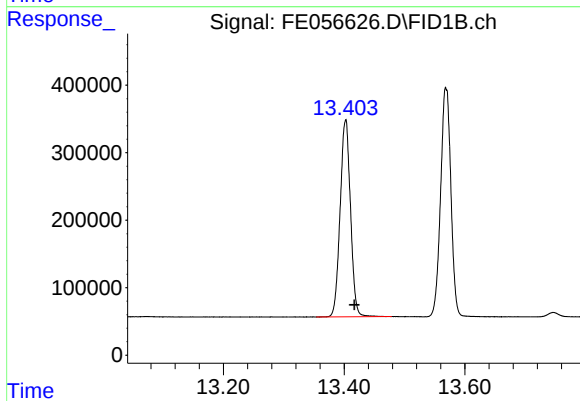
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: -0.014 min
Response: 4085897
Conc: 21.92 ug/ml



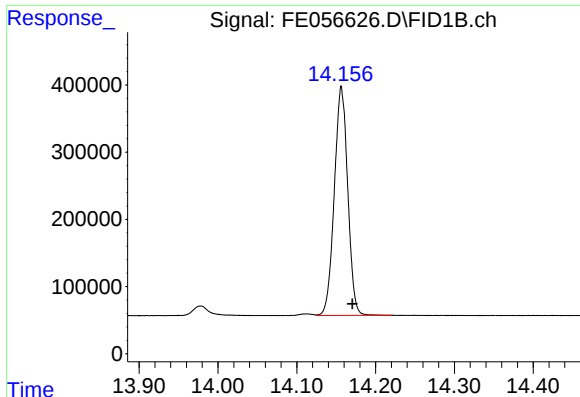
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.014 min
Response: 4024217
Conc: 21.88 ug/ml



#12 1-chlorooctadecane (SURR)

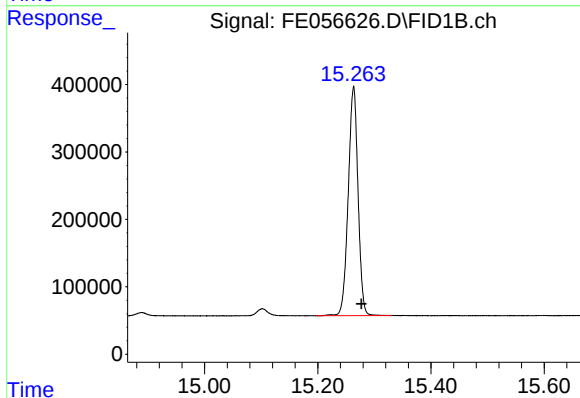
R.T.: 13.402 min
Delta R.T.: -0.015 min
Response: 3479990
Conc: 21.60 ug/ml



#13 n-Docosane (C22)

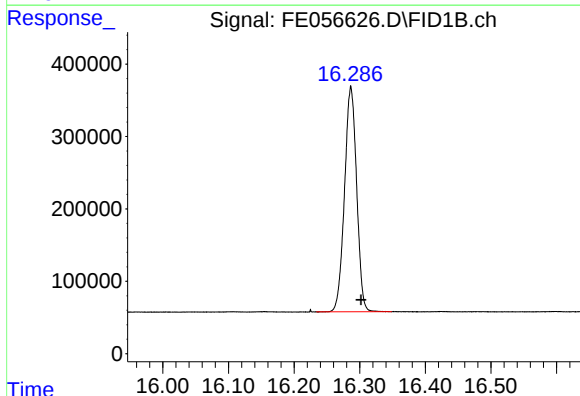
R.T.: 14.157 min
Delta R.T.: -0.014 min
Response: 4032382
Conc: 21.54 ug/ml

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20 PPM ALIPHATIC HC STD



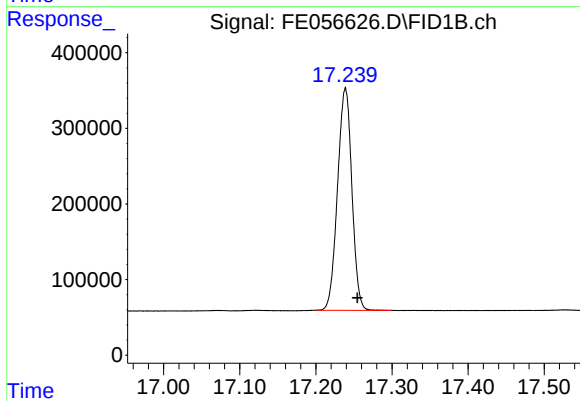
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.014 min
Response: 4077872
Conc: 20.82 ug/ml



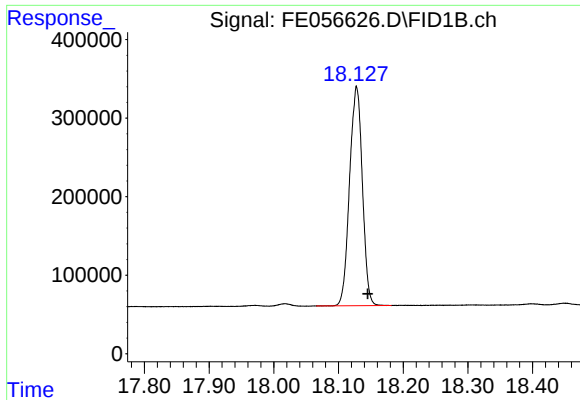
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: -0.015 min
Response: 3982858
Conc: 20.49 ug/ml



#16 n-Octacosane (C28)

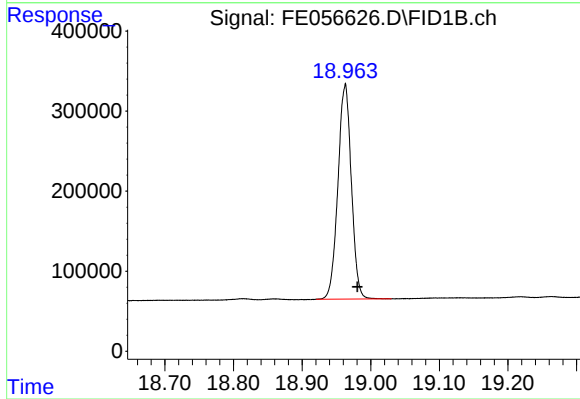
R.T.: 17.239 min
Delta R.T.: -0.016 min
Response: 3847658
Conc: 19.87 ug/ml



#17 n-Tricontane (C30)

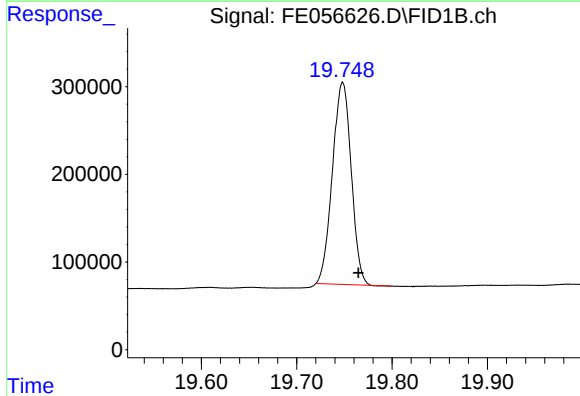
R.T.: 18.128 min
Delta R.T.: -0.017 min
Response: 3835421
Conc: 19.13 ug/ml

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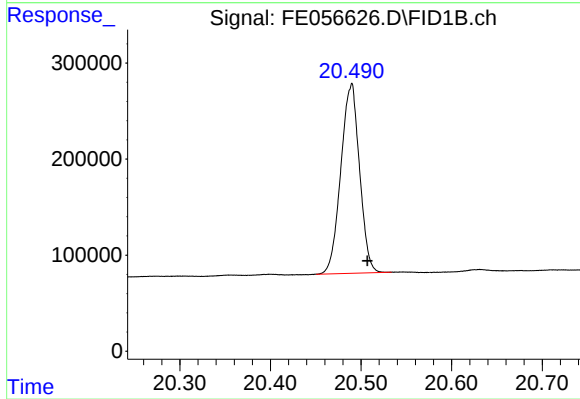
#18 n-Dotriacontane (C32)

R.T.: 18.963 min
Delta R.T.: -0.018 min
Response: 3646269
Conc: 18.54 ug/ml



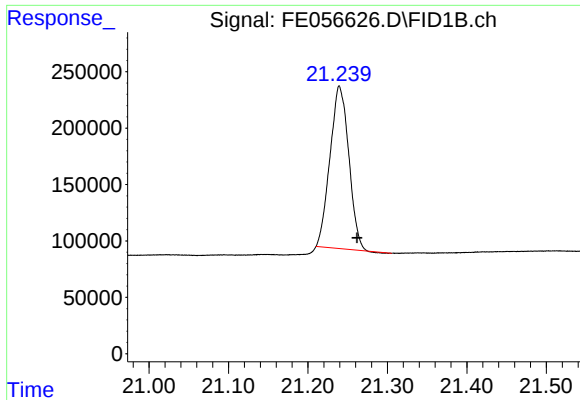
#19 n-Tetratriacontane (C34)

R.T.: 19.748 min
Delta R.T.: -0.017 min
Response: 3157801
Conc: 18.29 ug/ml



#20 n-Hexatriacontane (C36)

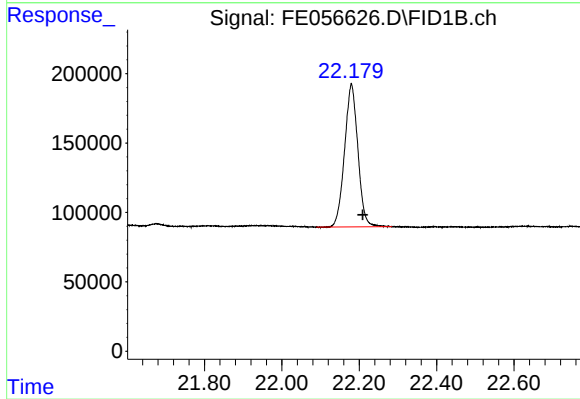
R.T.: 20.489 min
Delta R.T.: -0.018 min
Response: 2828745
Conc: 19.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: -0.022 min
Response: 2369626
Conc: 18.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.180 min
Delta R.T.: -0.029 min
Response: 2450925
Conc: 21.20 ug/ml