

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103125AL\
 Data File : FE056623.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2025 22:33
 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 31 23:19:27 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)	11.969	3905292	18.693 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
12) S 1-chlorooctadecane (S...	13.408	2981578	18.506 ug/ml
Spiked Amount 50.000		Recovery =	37.01%
Target Compounds			
1) T n-Nonane (C9)	3.323	3205286	19.083 ug/ml
2) T n-Decane (C10)	4.576	3264076	19.022 ug/ml
3) T A~Naphthalene (C11.7)	6.291	3421485	18.536 ug/ml
4) T n-Dodecane (C12)	6.749	3367816	19.363 ug/ml
5) T A~2-methylnaphthalene...	7.391	3270999	18.457 ug/ml
6) T n-Tetradecane (C14)	8.584	3346876	19.174 ug/ml
7) T n-Hexadecane (C16)	10.198	3489418	19.072 ug/ml
8) T n-Octadecane (C18)	11.646	3577102	18.899 ug/ml
10) T n-Eicosane (C20)	12.960	3465438	18.595 ug/ml
11) T n-Heneicosane (C21)	13.574	3410956	18.550 ug/ml
13) T n-Docosane (C22)	14.162	3418151	18.259 ug/ml
14) T n-Tetracosane (C24)	15.269	3466228	17.697 ug/ml
15) T n-Hexacosane (C26)	16.293	3372741	17.355 ug/ml
16) T n-Octacosane (C28)	17.246	3251973	16.792 ug/ml
17) T n-Tricontane (C30)	18.135	3231427	16.117 ug/ml
18) T n-Dotriacontane (C32)	18.970	3075127	15.638 ug/ml
19) T n-Tetratriacontane (C34)	19.755	2754614	15.959 ug/ml
20) T n-Hexatriacontane (C36)	20.497	2416134	16.703 ug/ml
21) T n-Octatriacontane (C38)	21.251	2258588	17.945 ug/ml
22) T n-Tetracontane (C40)	22.195	2178036	18.839 ug/ml

(f)=RT Delta > 1/2 Window

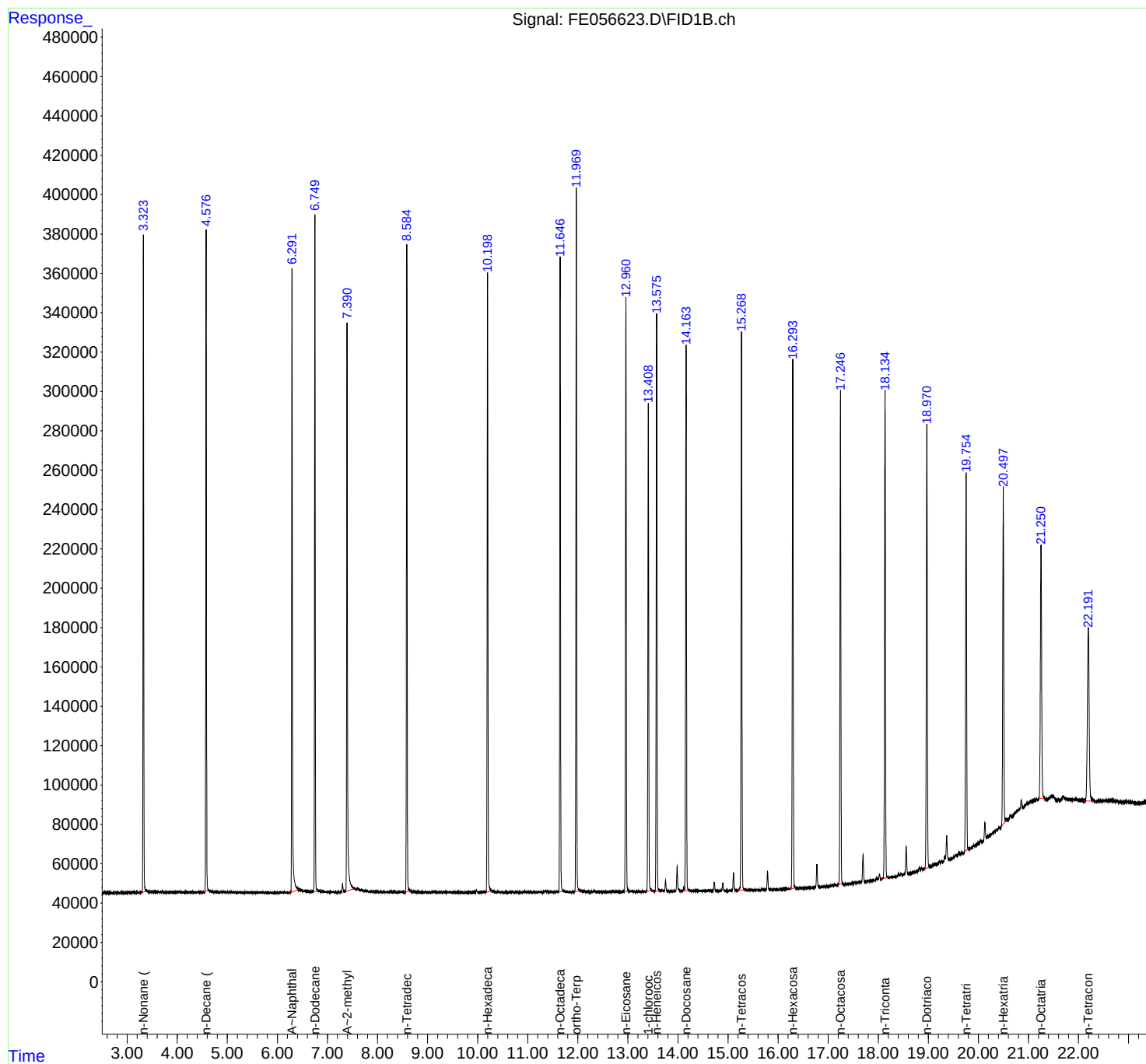
(m)=manual int.

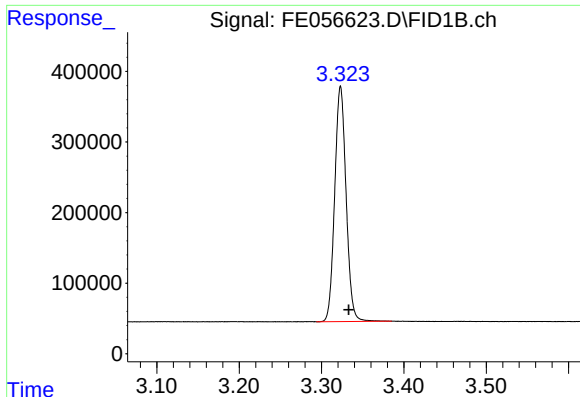
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103125AL\
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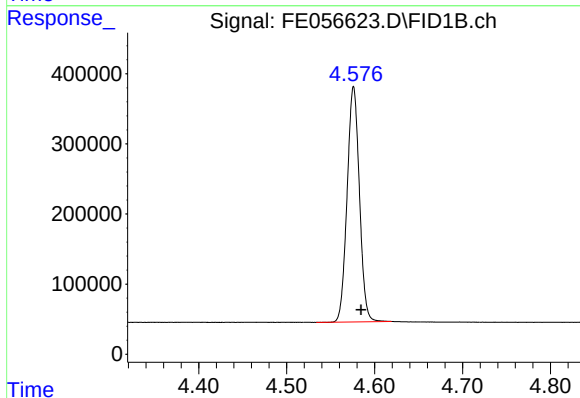




#1 n-Nonane (C9)

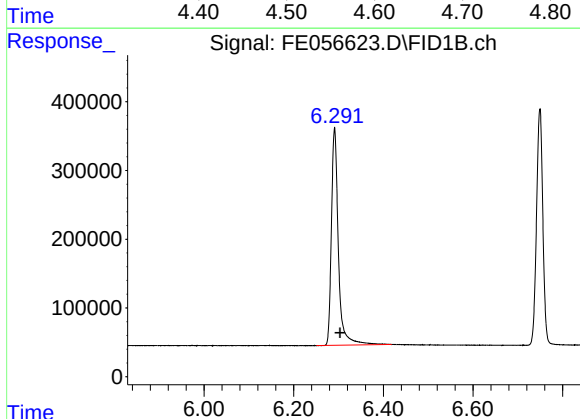
R.T.: 3.323 min
Delta R.T.: -0.010 min
Response: 3205286
Conc: 19.08 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



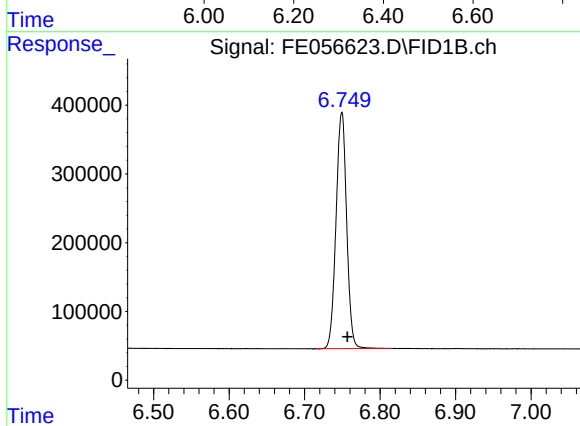
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.008 min
Response: 3264076
Conc: 19.02 ug/ml



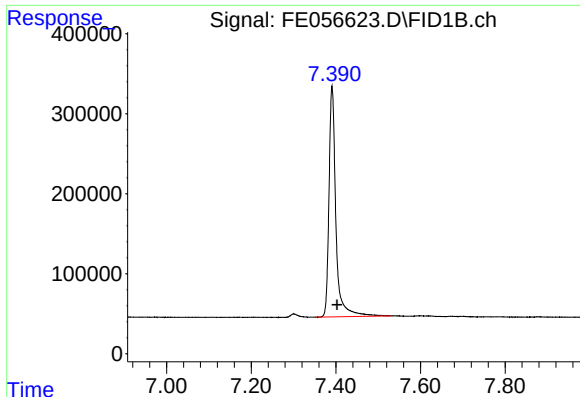
#3 A~Naphthalene (C11.7)

R.T.: 6.291 min
Delta R.T.: -0.012 min
Response: 3421485
Conc: 18.54 ug/ml



#4 n-Dodecane (C12)

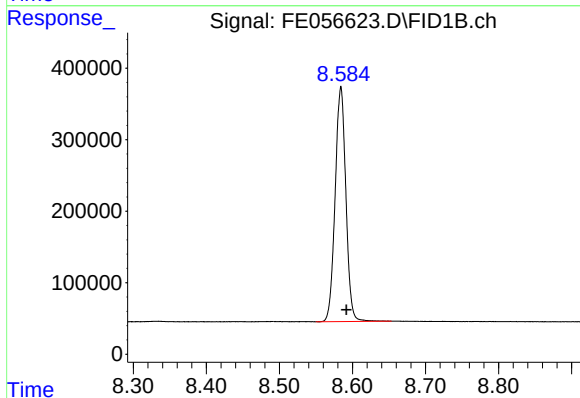
R.T.: 6.749 min
Delta R.T.: -0.008 min
Response: 3367816
Conc: 19.36 ug/ml



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

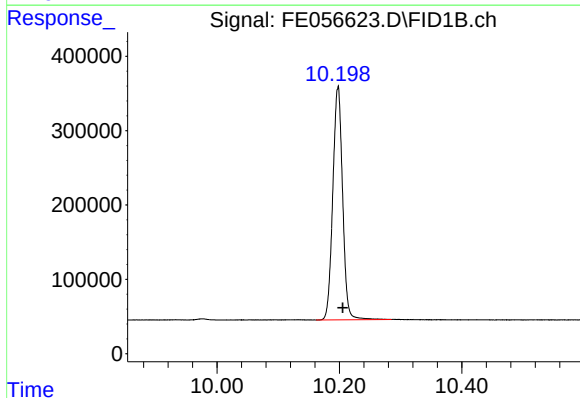
R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 3270999
Conc: 18.46 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



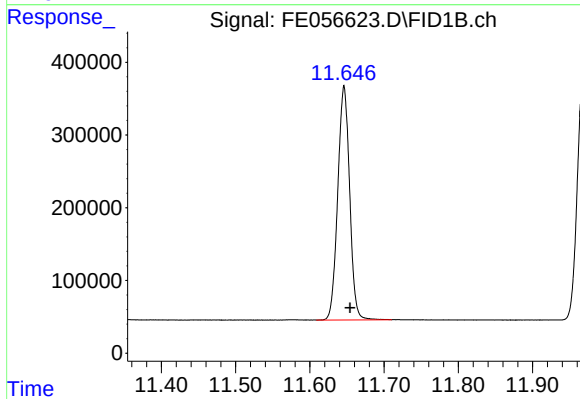
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: -0.008 min
Response: 3346876
Conc: 19.17 ug/ml



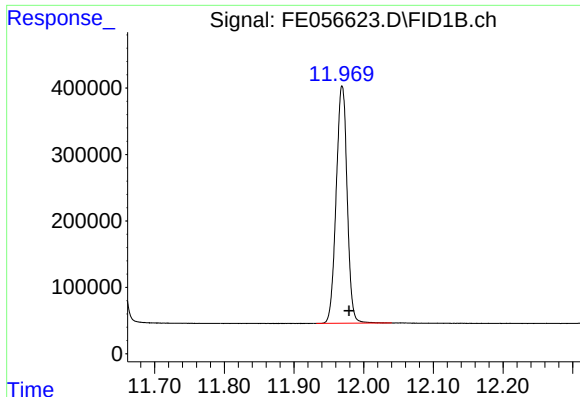
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.008 min
Response: 3489418
Conc: 19.07 ug/ml



#8 n-Octadecane (C18)

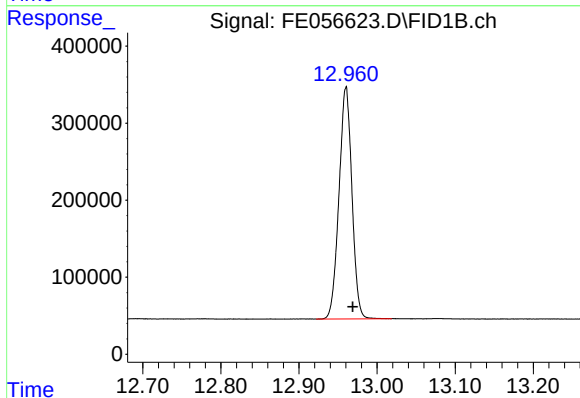
R.T.: 11.646 min
Delta R.T.: -0.008 min
Response: 3577102
Conc: 18.90 ug/ml



#9 ortho-Terphenyl (SURR)

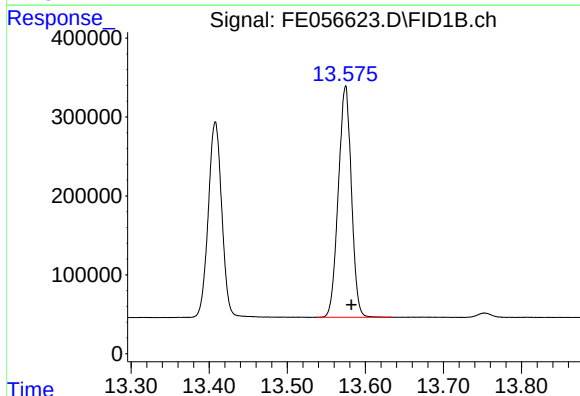
R.T.: 11.969 min
Delta R.T.: -0.010 min
Response: 3905292
Conc: 18.69 ug/ml

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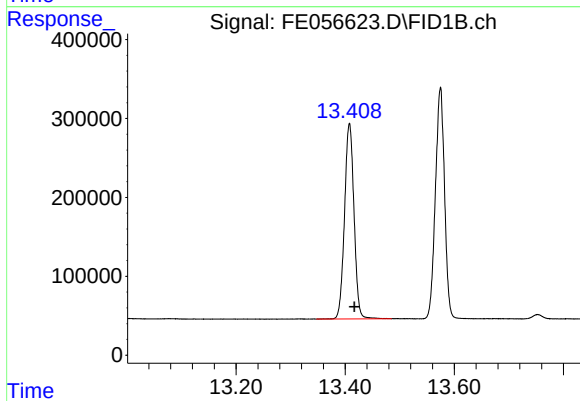
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.009 min
Response: 3465438
Conc: 18.60 ug/ml



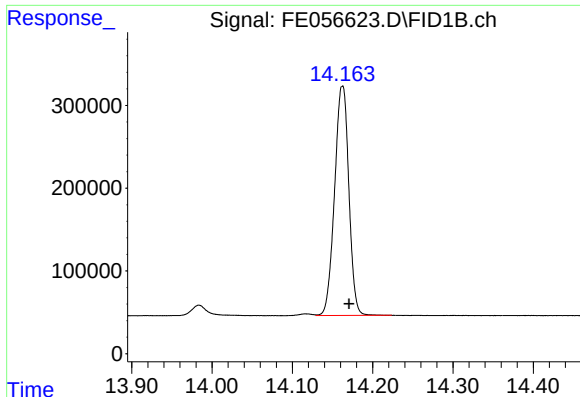
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.008 min
Response: 3410956
Conc: 18.55 ug/ml



#12 1-chlorooctadecane (SURR)

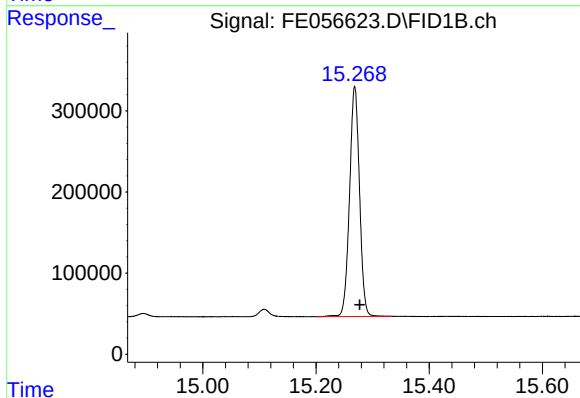
R.T.: 13.408 min
Delta R.T.: -0.009 min
Response: 2981578
Conc: 18.51 ug/ml



#13 n-Docosane (C22)

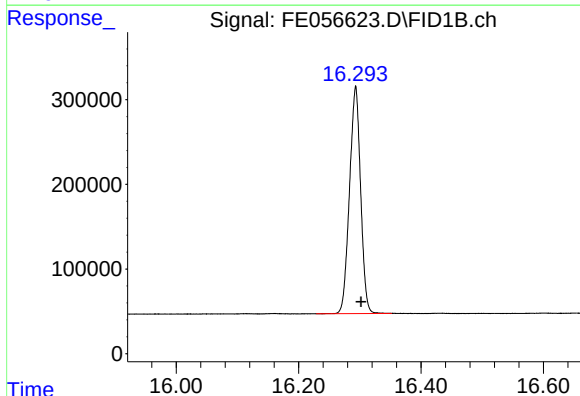
R.T.: 14.162 min
Delta R.T.: -0.008 min
Response: 3418151
Conc: 18.26 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



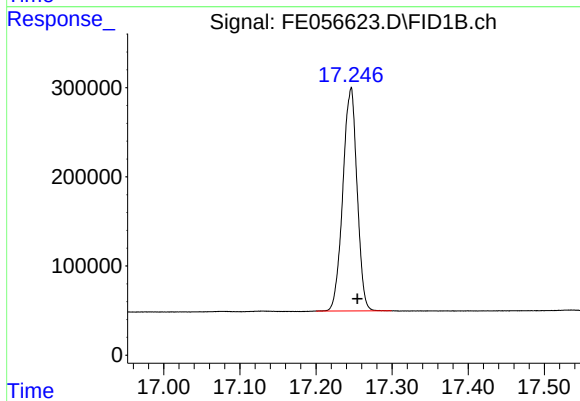
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: -0.009 min
Response: 3466228
Conc: 17.70 ug/ml



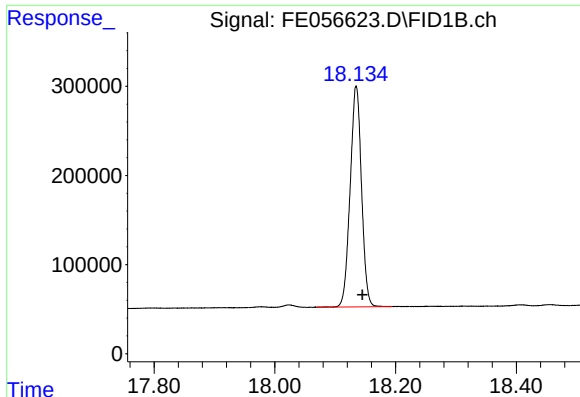
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: -0.009 min
Response: 3372741
Conc: 17.36 ug/ml



#16 n-Octacosane (C28)

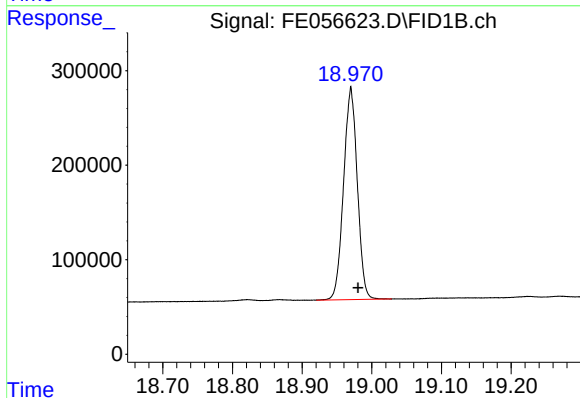
R.T.: 17.246 min
Delta R.T.: -0.009 min
Response: 3251973
Conc: 16.79 ug/ml



#17 n-Tricontane (C30)

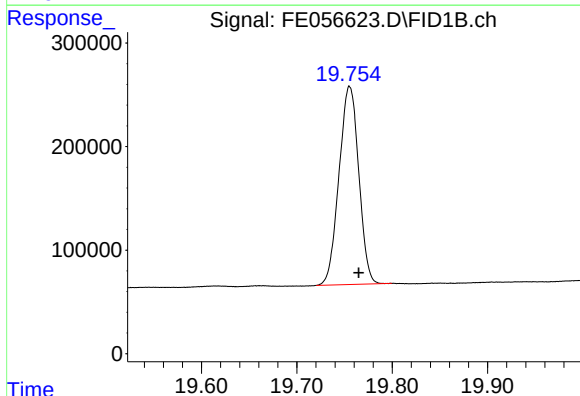
R.T.: 18.135 min
Delta R.T.: -0.010 min
Response: 3231427
Conc: 16.12 ug/ml

Instrument :
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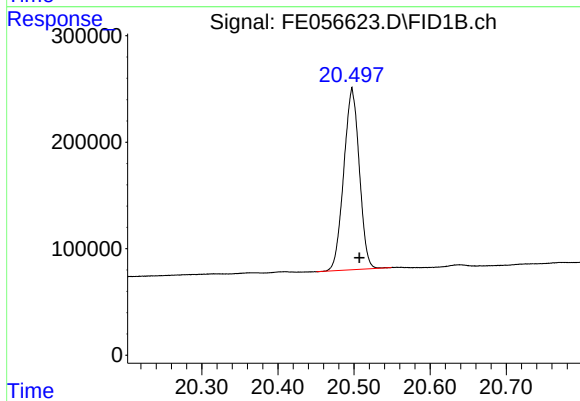
#18 n-Dotriacontane (C32)

R.T.: 18.970 min
Delta R.T.: -0.011 min
Response: 3075127
Conc: 15.64 ug/ml



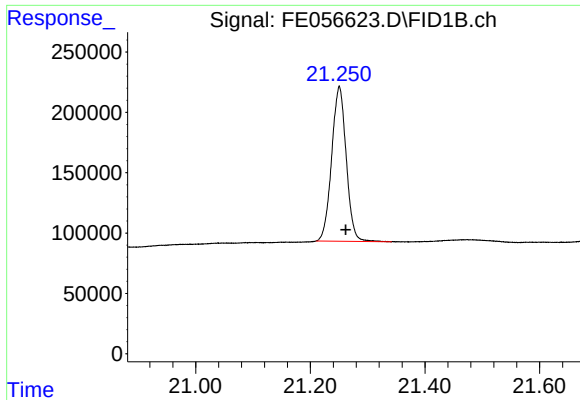
#19 n-Tetratriacontane (C34)

R.T.: 19.755 min
Delta R.T.: -0.010 min
Response: 2754614
Conc: 15.96 ug/ml



#20 n-Hexatriacontane (C36)

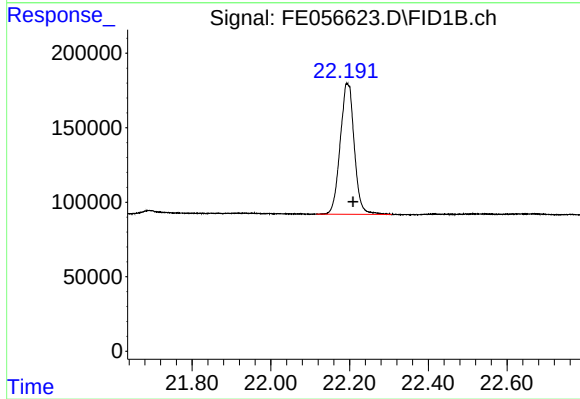
R.T.: 20.497 min
Delta R.T.: -0.009 min
Response: 2416134
Conc: 16.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.251 min
Delta R.T.: -0.011 min
Response: 2258588
Conc: 17.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.195 min
Delta R.T.: -0.014 min
Response: 2178036
Conc: 18.84 ug/ml