

Data Path : C:\Users\eUser\Desktop\FE101823AL\
 Data File : FE044913.D
 Signal(s) : FID1B.ch
 Acq On : 18 Oct 2023 07:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 18 09:12:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.903	3865030	19.280 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	13.344	2802604	18.938 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
Target Compounds			
1) T n-Nonane (C9)	3.287	3240936	19.320 ug/ml
2) T n-Decane (C10)	4.539	3308801	19.424 ug/ml
3) T A~Naphthalene (C11.7)	6.239	3597924	19.436 ug/ml
4) T n-Dodecane (C12)	6.705	3350322	19.409 ug/ml
5) T A~2-methylnaphthalene...	7.335	3480279	19.293 ug/ml
6) T n-Tetradecane (C14)	8.531	3323167	19.379 ug/ml
7) T n-Hexadecane (C16)	10.142	3389268	19.382 ug/ml
8) T n-Octadecane (C18)	11.588	3382419	19.393 ug/ml
10) T n-Eicosane (C20)	12.900	3228137	19.327 ug/ml
11) T n-Heneicosane (C21)	13.513	3122978	19.158 ug/ml
13) T n-Docosane (C22)	14.100	3120886	19.511 ug/ml
14) T n-Tetracosane (C24)	15.206	3118695	20.095 ug/ml
15) T n-Hexacosane (C26)	16.228	3091481	20.591 ug/ml
16) T n-Octacosane (C28)	17.179	3127864	21.301 ug/ml
17) T n-Tricontane (C30)	18.068	3220976	21.657 ug/ml
18) T n-Dotriacontane (C32)	18.902	3260816	21.725 ug/ml
19) T n-Tetratriacontane (C34)	19.687	3048895	20.481 ug/ml
20) T n-Hexatriacontane (C36)	20.428	2938352	19.112 ug/ml
21) T n-Octatriacontane (C38)	21.168	3169358	20.289 ug/ml
22) T n-Tetracontane (C40)	22.084	3275924	19.602 ug/ml

(f)=RT Delta > 1/2 Window

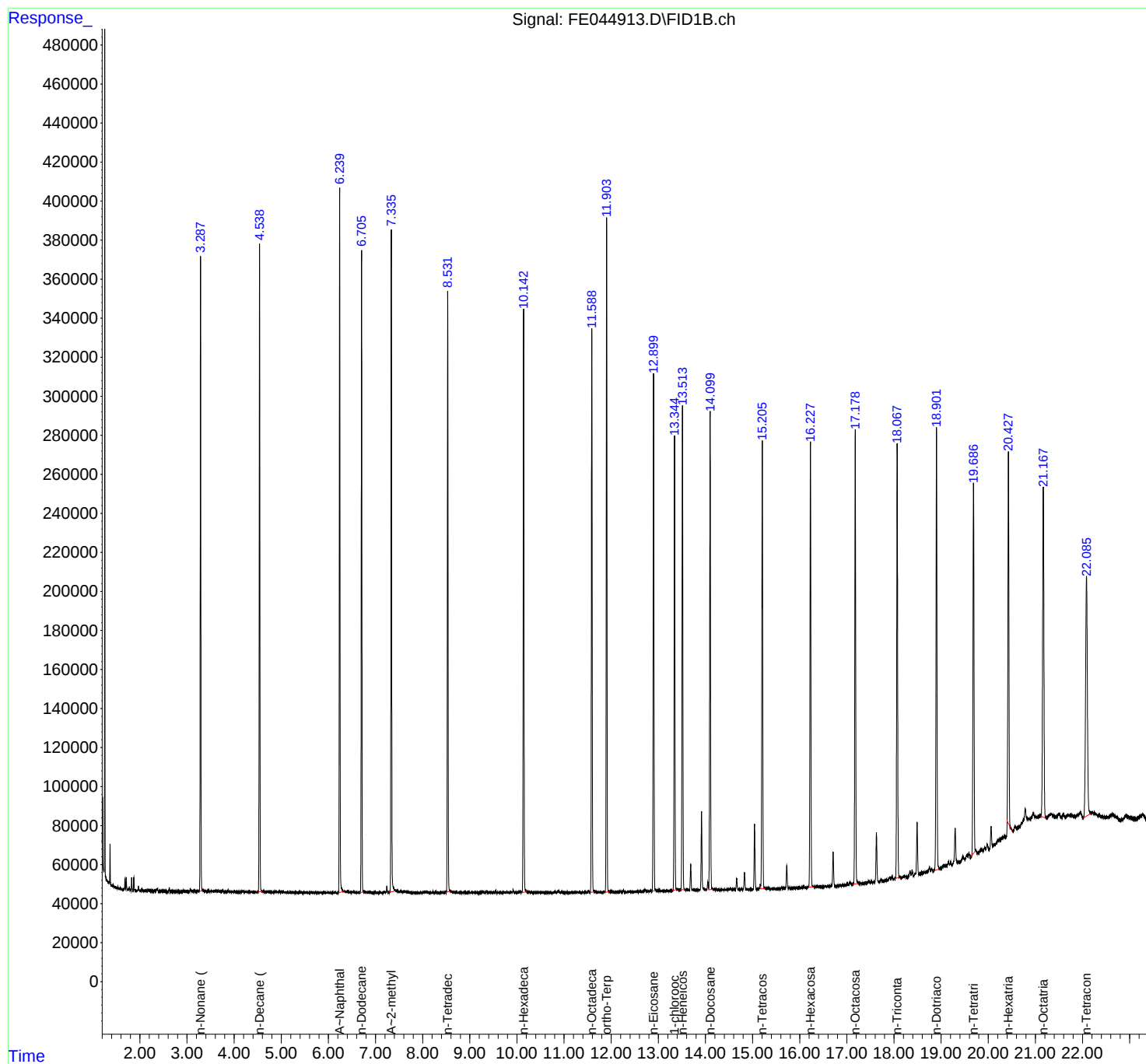
(m)=manual int.

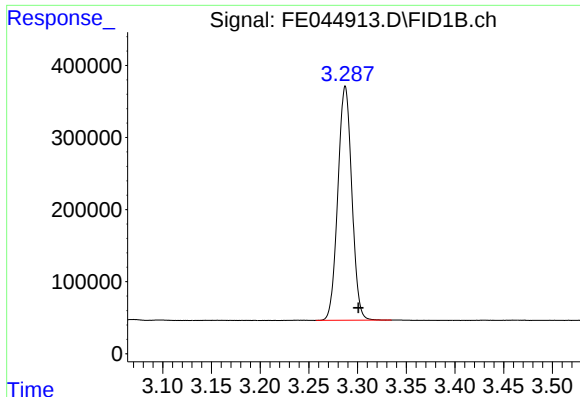
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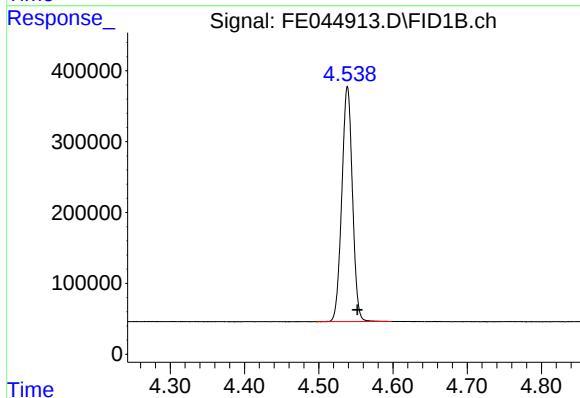




#1 n-Nonane (C9)

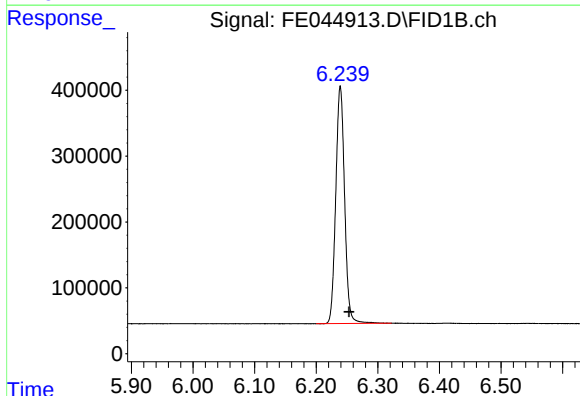
R.T.: 3.287 min
Delta R.T.: -0.014 min
Response: 3240936
Conc: 19.32 ug/ml

Instrument :
FID_E
ClientSampleId :



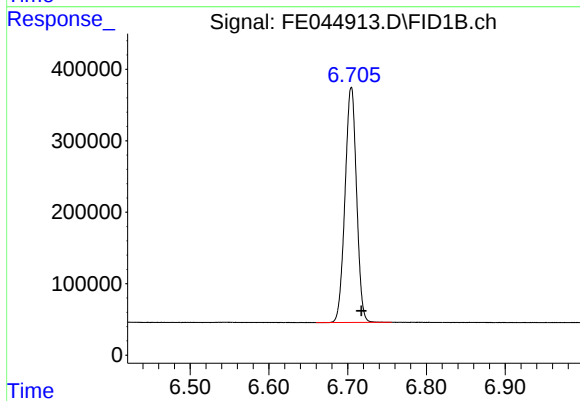
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.013 min
Response: 3308801
Conc: 19.42 ug/ml



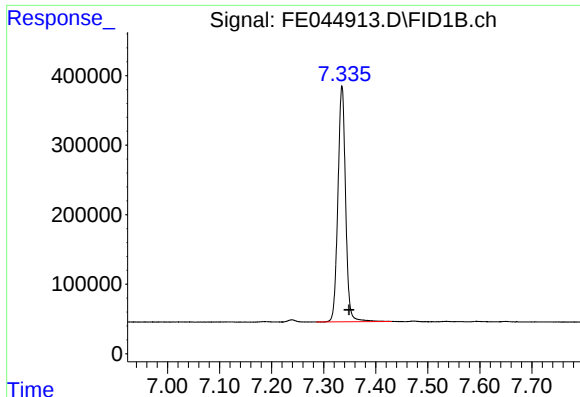
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.014 min
Response: 3597924
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

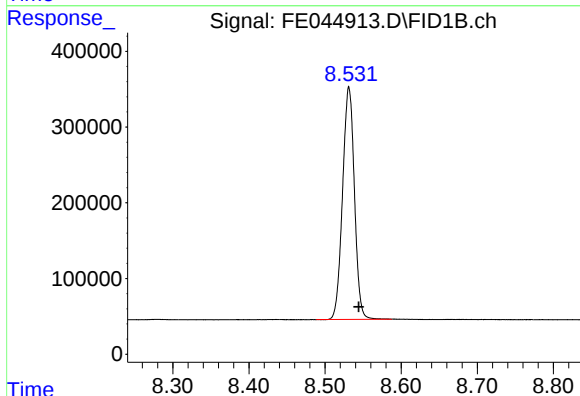
R.T.: 6.705 min
Delta R.T.: -0.013 min
Response: 3350322
Conc: 19.41 ug/ml



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

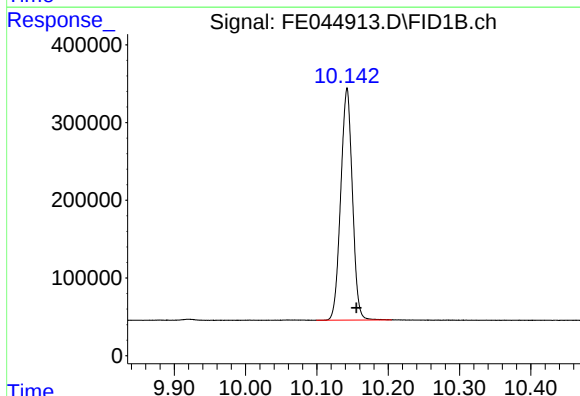
R.T.: 7.335 min
Delta R.T.: -0.014 min
Response: 3480279
Conc: 19.29 ug/ml

Instrument :
FID_E
ClientSampleId :



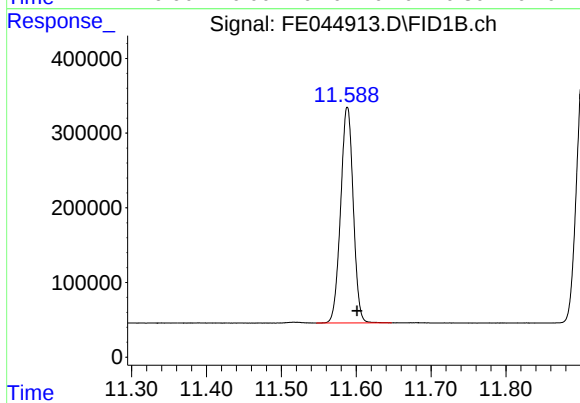
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.013 min
Response: 3323167
Conc: 19.38 ug/ml



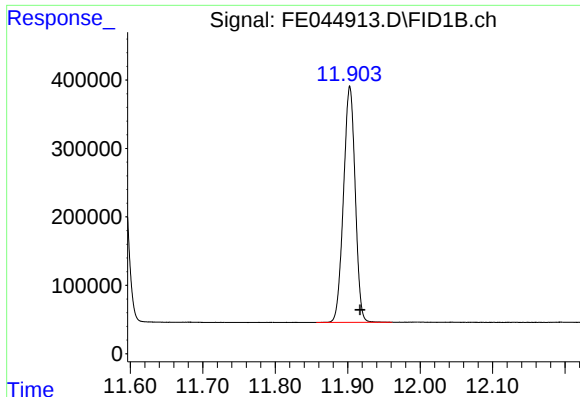
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.013 min
Response: 3389268
Conc: 19.38 ug/ml



#8 n-Octadecane (C18)

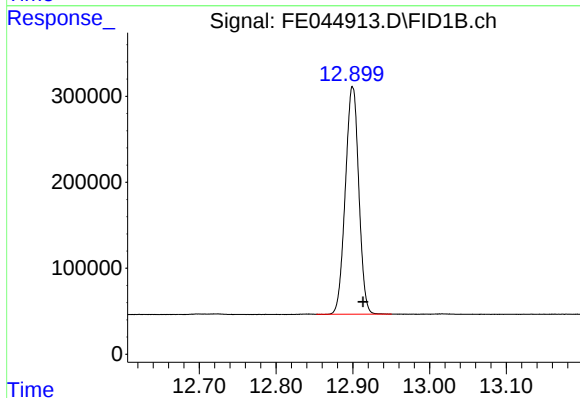
R.T.: 11.588 min
Delta R.T.: -0.013 min
Response: 3382419
Conc: 19.39 ug/ml



#9 ortho-Terphenyl (SURR)

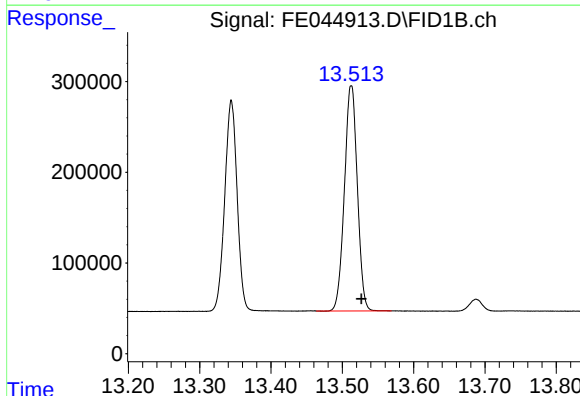
R.T.: 11.903 min
Delta R.T.: -0.014 min
Response: 3865030
Conc: 19.28 ug/ml

Instrument :
FID_E
ClientSampleId :



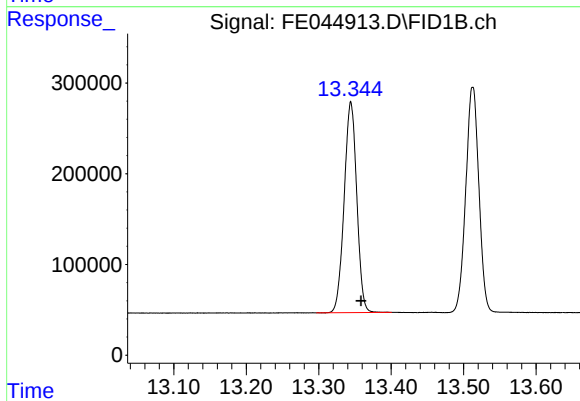
#10 n-Eicosane (C20)

R.T.: 12.900 min
Delta R.T.: -0.014 min
Response: 3228137
Conc: 19.33 ug/ml



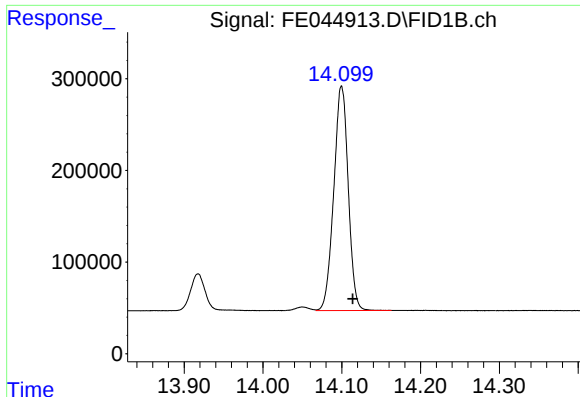
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: -0.014 min
Response: 3122978
Conc: 19.16 ug/ml



#12 1-chlorooctadecane (SURR)

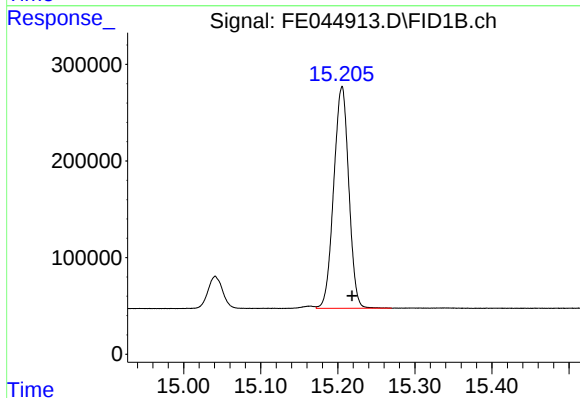
R.T.: 13.344 min
Delta R.T.: -0.014 min
Response: 2802604
Conc: 18.94 ug/ml



#13 n-Docosane (C22)

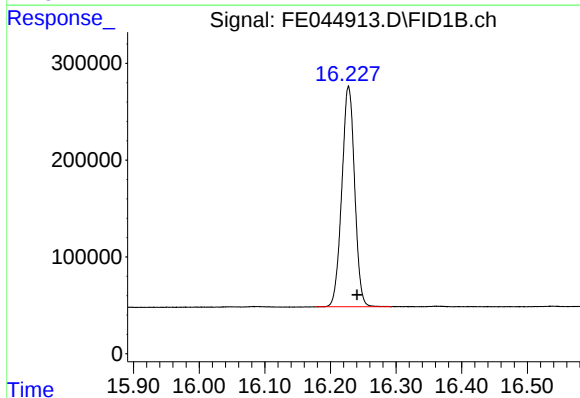
R.T.: 14.100 min
Delta R.T.: -0.014 min
Response: 3120886
Conc: 19.51 ug/ml

Instrument :
FID_E
ClientSampleId :



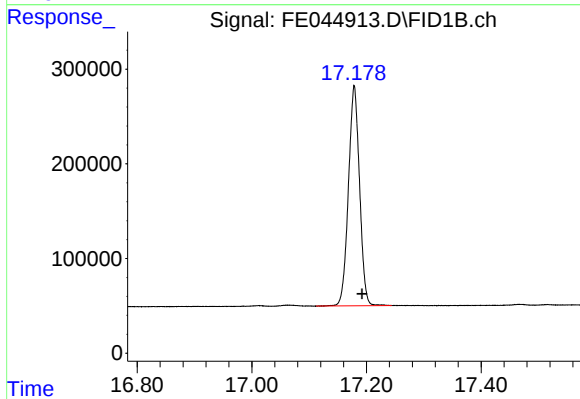
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: -0.013 min
Response: 3118695
Conc: 20.10 ug/ml



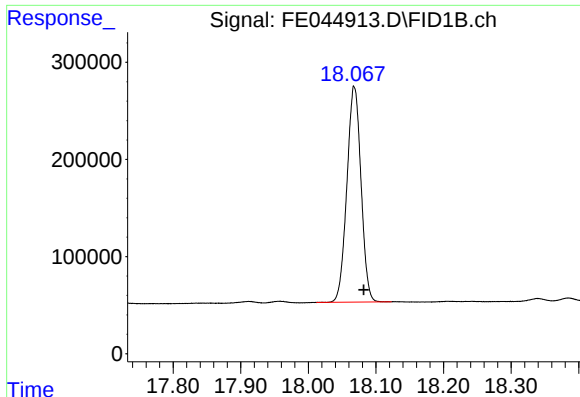
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: -0.013 min
Response: 3091481
Conc: 20.59 ug/ml



#16 n-Octacosane (C28)

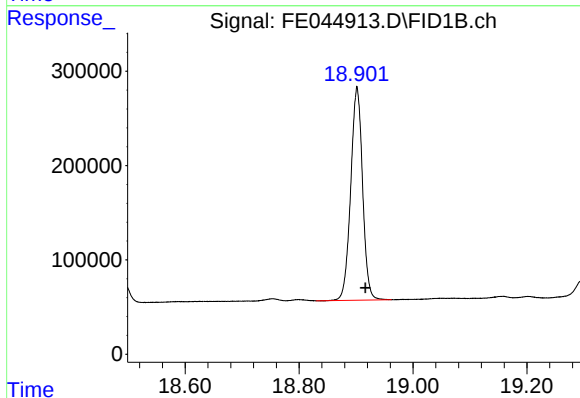
R.T.: 17.179 min
Delta R.T.: -0.014 min
Response: 3127864
Conc: 21.30 ug/ml



#17 n-Tricontane (C30)

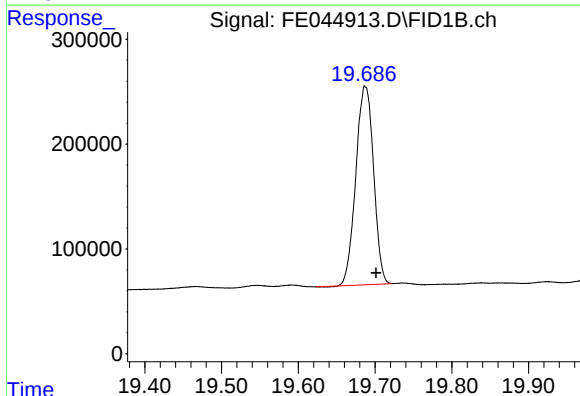
R.T.: 18.068 min
Delta R.T.: -0.014 min
Response: 3220976
Conc: 21.66 ug/ml

Instrument :
FID_E
ClientSampleId :



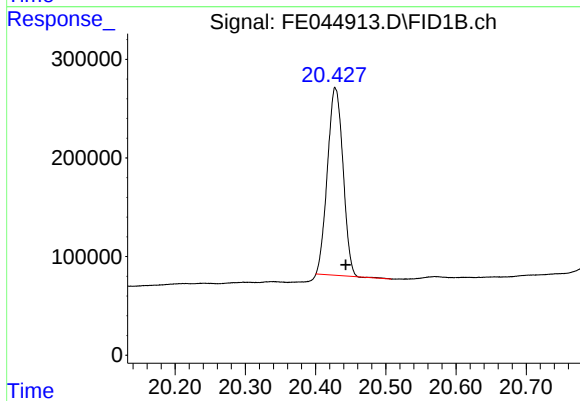
#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.014 min
Response: 3260816
Conc: 21.73 ug/ml



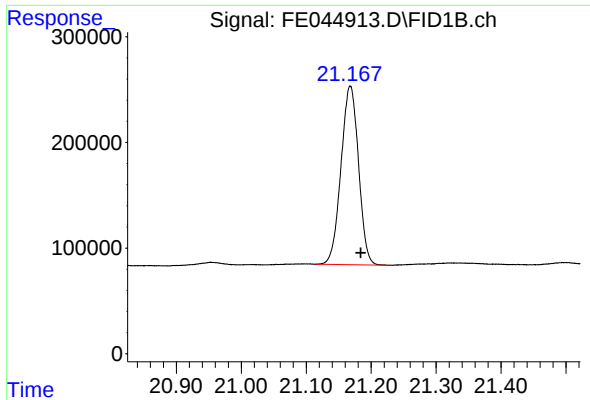
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: -0.014 min
Response: 3048895
Conc: 20.48 ug/ml



#20 n-Hexatriacontane (C36)

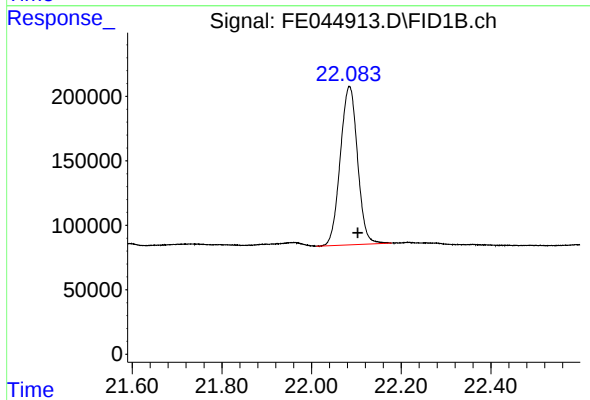
R.T.: 20.428 min
Delta R.T.: -0.015 min
Response: 2938352
Conc: 19.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: -0.016 min
Response: 3169358
Conc: 20.29 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.019 min
Response: 3275924
Conc: 19.60 ug/ml