

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE02224AL\
 Data File : FE046894.D
 Signal(s) : FID1B.ch
 Acq On : 22 Feb 2024 08:32
 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: Feb 23 00:31:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 2024
 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)	11.793	3366515	20.490 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
12) S 1-chlorooctadecane (S...	13.234	2548984	20.707 ug/ml
Spiked Amount 50.000		Recovery =	41.41%
Target Compounds			
1) T n-Nonane (C9)	3.184	3120736	20.465 ug/ml
2) T n-Decane (C10)	4.435	3188847	20.589 ug/ml
3) T A~Naphthalene (C11.7)	6.140	3218712	20.436 ug/ml
4) T n-Dodecane (C12)	6.603	3215173	20.678 ug/ml
5) T A~2-methylnaphthalene...	7.238	2941870	20.515 ug/ml
6) T n-Tetradecane (C14)	8.429	3183879	20.648 ug/ml
7) T n-Hexadecane (C16)	10.037	3271757	20.621 ug/ml
8) T n-Octadecane (C18)	11.480	3287435	20.621 ug/ml
10) T n-Eicosane (C20)	12.789	3104552	20.510 ug/ml
11) T n-Heneicosane (C21)	13.400	3024631	20.425 ug/ml
13) T n-Docosane (C22)	13.987	2975230	20.449 ug/ml
14) T n-Tetracosane (C24)	15.091	2925406	20.484 ug/ml
15) T n-Hexacosane (C26)	16.111	2846475	20.370 ug/ml
16) T n-Octacosane (C28)	17.062	2760840	20.265 ug/ml
17) T n-Tricontane (C30)	17.949	2826761	20.261 ug/ml
18) T n-Dotriacontane (C32)	18.783	2769690	20.128 ug/ml
19) T n-Tetratriacontane (C34)	19.566	2745420	20.437 ug/ml
20) T n-Hexatriacontane (C36)	20.307	2767629	20.784 ug/ml
21) T n-Octatriacontane (C38)	21.031	2784535	20.209 ug/ml
22) T n-Tetracontane (C40)	21.904	2883789	20.439 ug/ml

(f)=RT Delta > 1/2 Window

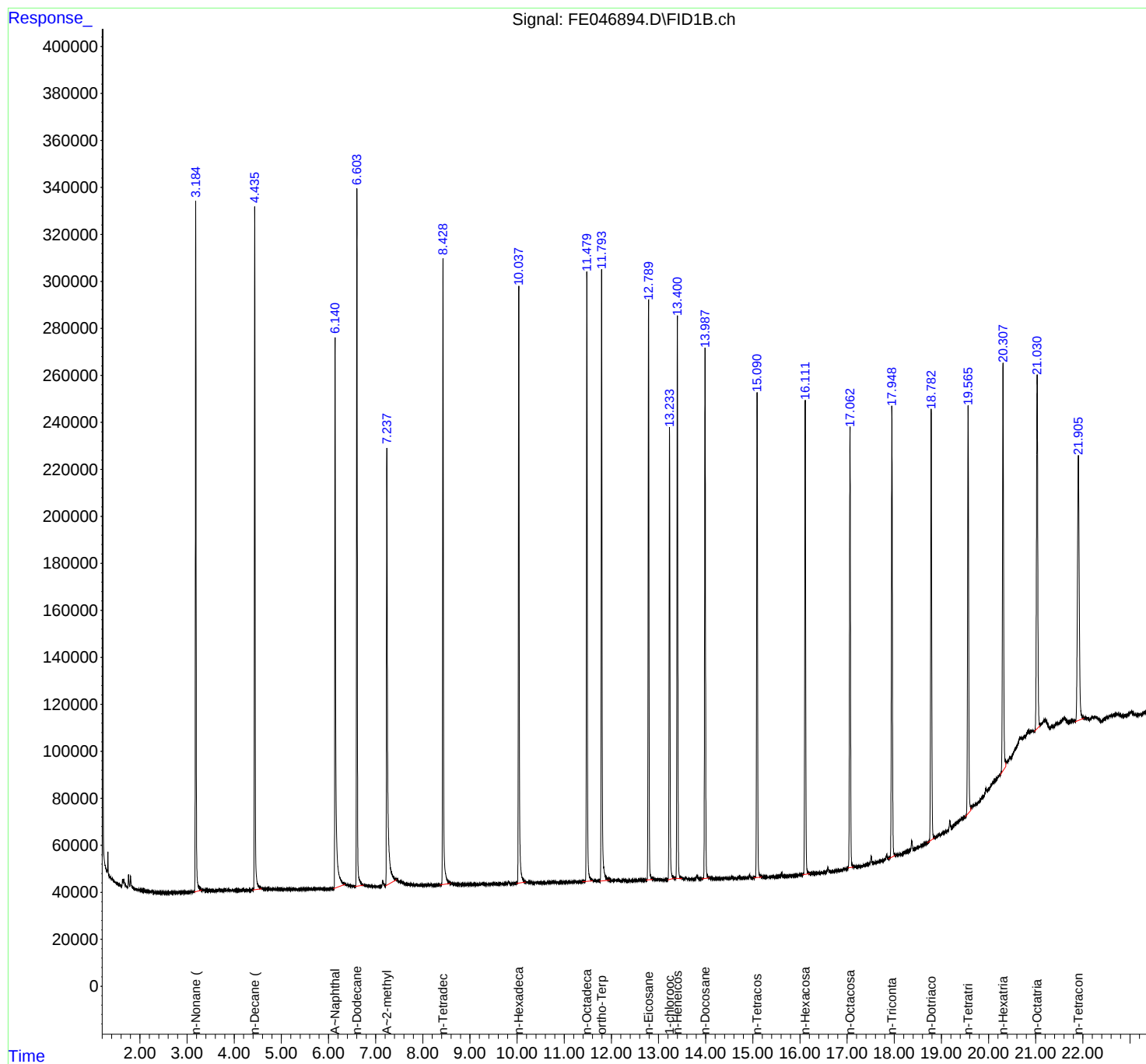
(m)=manual int.

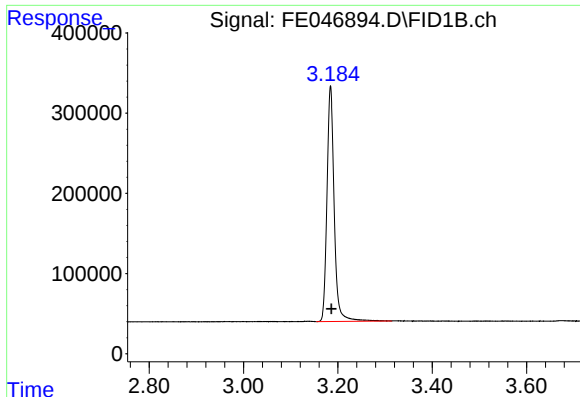
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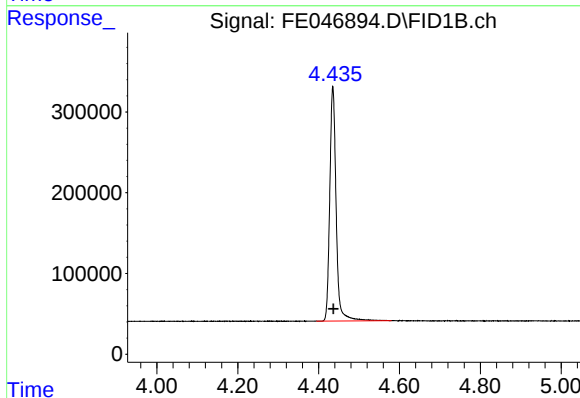




#1 n-Nonane (C9)

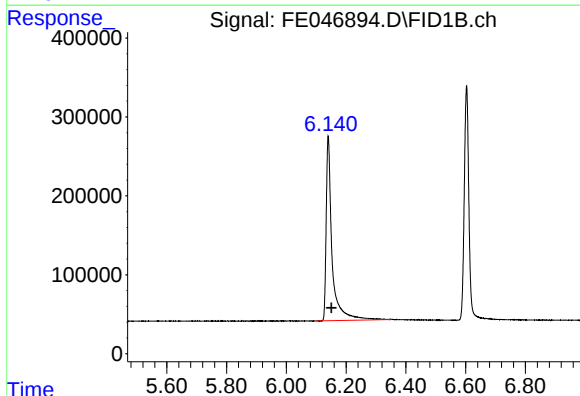
R.T.: 3.184 min
Delta R.T.: -0.002 min
Response: 3120736
Conc: 20.46 ug/ml

Instrument :
FID_E
ClientSampleId :



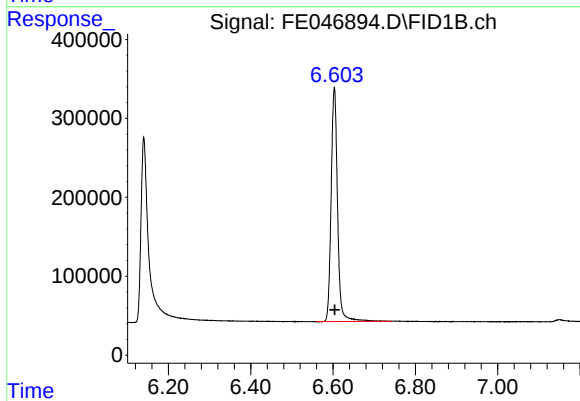
#2 n-Decane (C10)

R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 3188847
Conc: 20.59 ug/ml



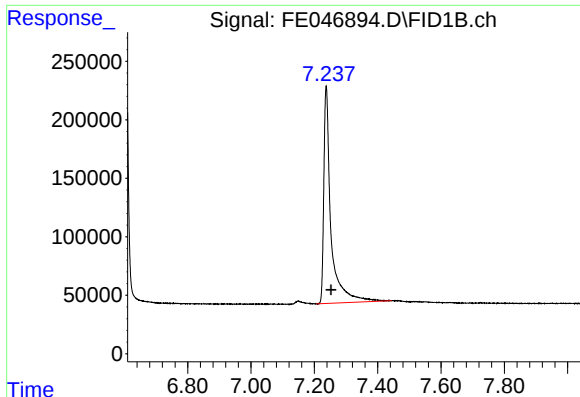
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: -0.011 min
Response: 3218712
Conc: 20.44 ug/ml



#4 n-Dodecane (C12)

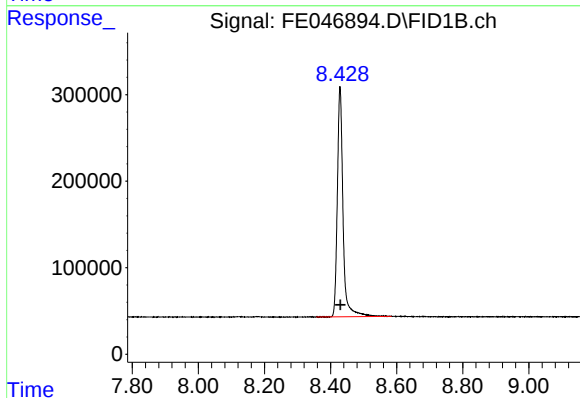
R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 3215173
Conc: 20.68 ug/ml



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

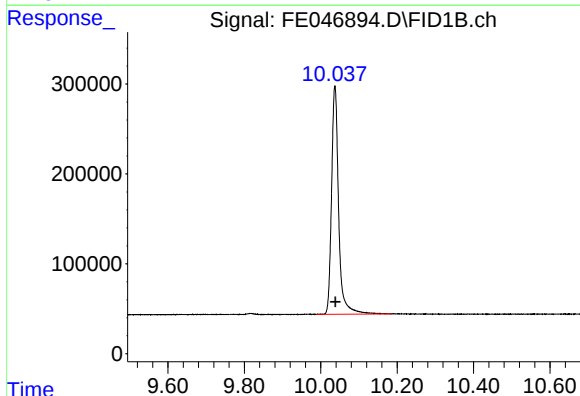
R.T.: 7.238 min
Delta R.T.: -0.015 min
Response: 2941870
Conc: 20.52 ug/ml

Instrument :
FID_E
ClientSampleId :



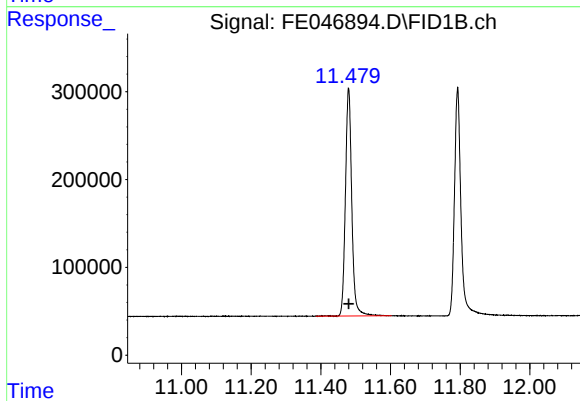
#6 n-Tetradecane (C14)

R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 3183879
Conc: 20.65 ug/ml



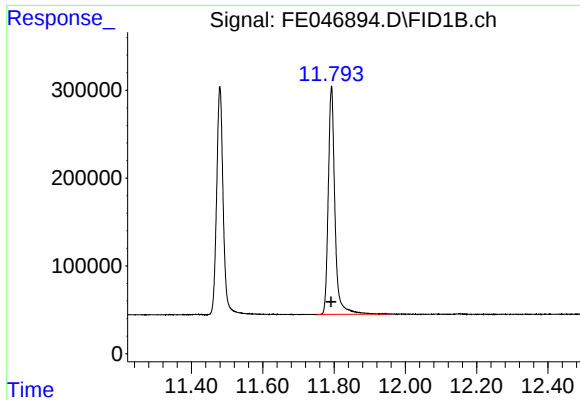
#7 n-Hexadecane (C16)

R.T.: 10.037 min
Delta R.T.: -0.001 min
Response: 3271757
Conc: 20.62 ug/ml



#8 n-Octadecane (C18)

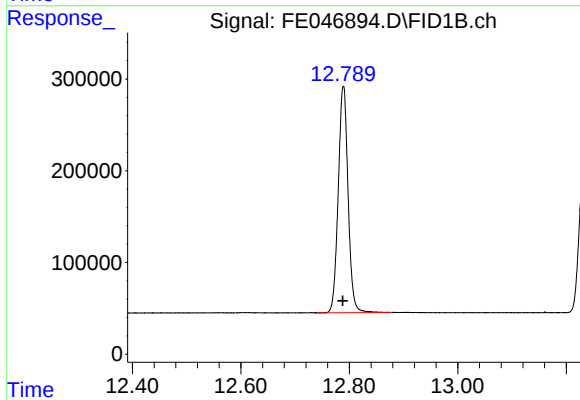
R.T.: 11.480 min
Delta R.T.: 0.000 min
Response: 3287435
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

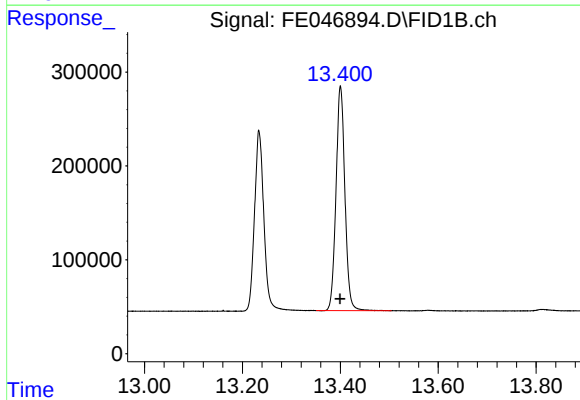
R.T.: 11.793 min
Delta R.T.: 0.000 min
Response: 3366515
Conc: 20.49 ug/ml

Instrument :
FID_E
ClientSampleId :



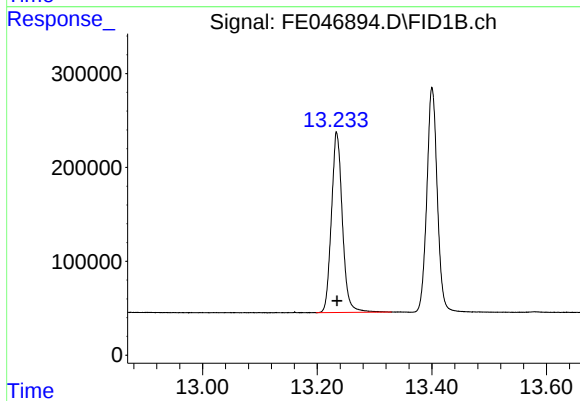
#10 n-Eicosane (C20)

R.T.: 12.789 min
Delta R.T.: 0.001 min
Response: 3104552
Conc: 20.51 ug/ml



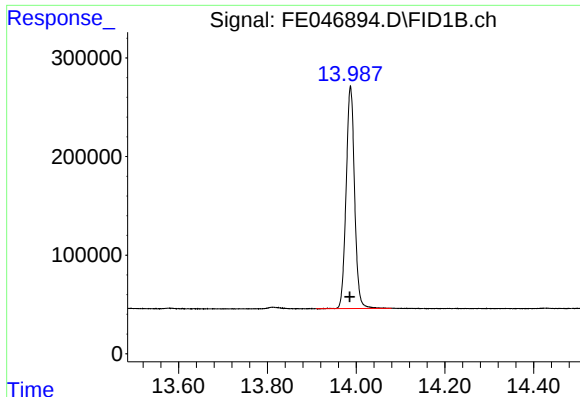
#11 n-Heneicosane (C21)

R.T.: 13.400 min
Delta R.T.: 0.000 min
Response: 3024631
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

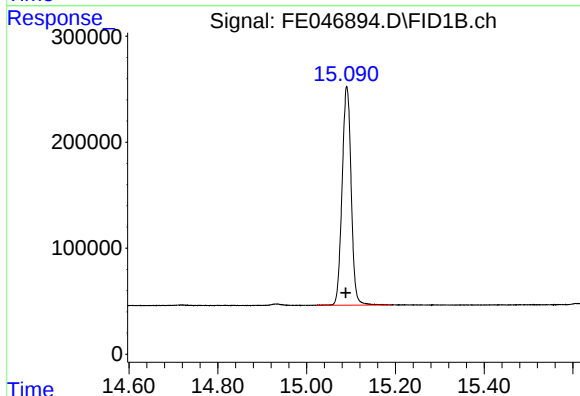
R.T.: 13.234 min
Delta R.T.: -0.001 min
Response: 2548984
Conc: 20.71 ug/ml



#13 n-Docosane (C22)

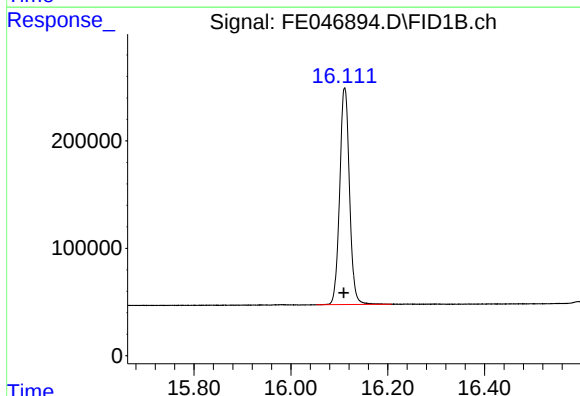
R.T.: 13.987 min
Delta R.T.: 0.001 min
Response: 2975230
Conc: 20.45 ug/ml

Instrument :
FID_E
ClientSampleId :



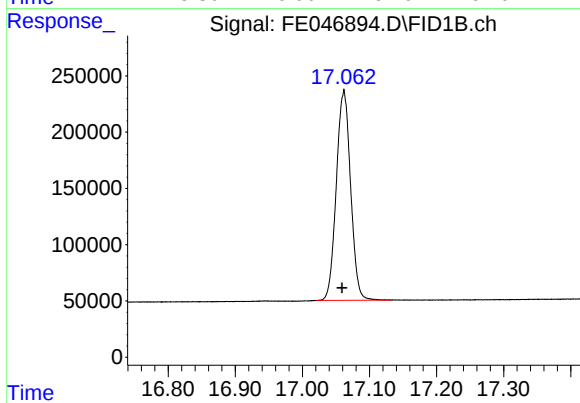
#14 n-Tetracosane (C24)

R.T.: 15.091 min
Delta R.T.: 0.002 min
Response: 2925406
Conc: 20.48 ug/ml



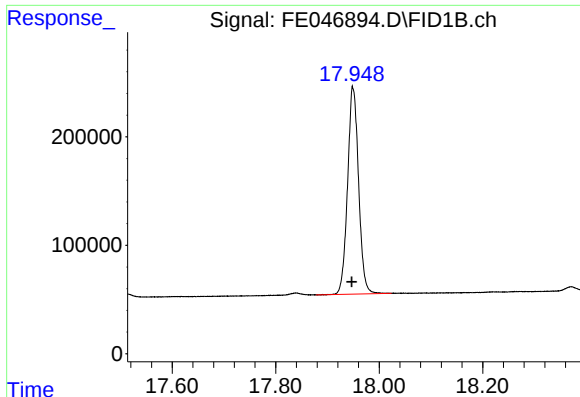
#15 n-Hexacosane (C26)

R.T.: 16.111 min
Delta R.T.: 0.002 min
Response: 2846475
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

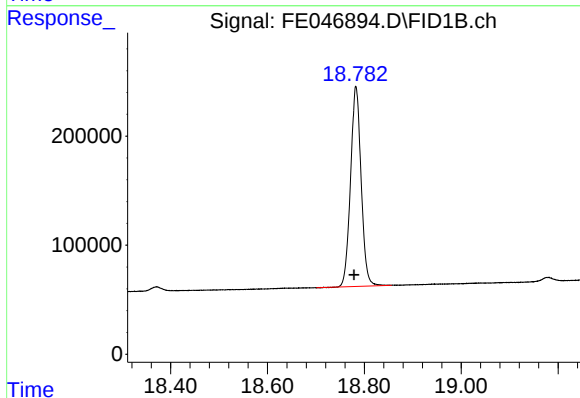
R.T.: 17.062 min
Delta R.T.: 0.003 min
Response: 2760840
Conc: 20.26 ug/ml



#17 n-Tricontane (C30)

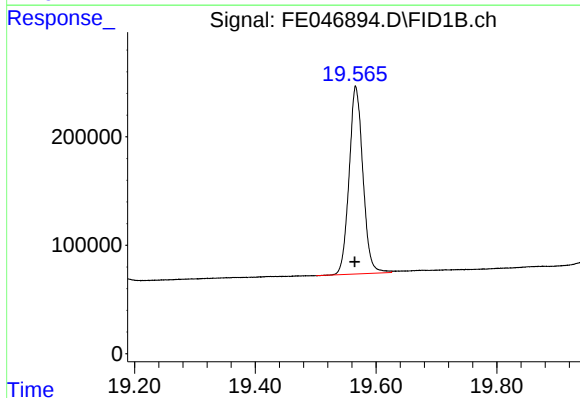
R.T.: 17.949 min
Delta R.T.: 0.002 min
Response: 2826761
Conc: 20.26 ug/ml

Instrument :
FID_E
ClientSampleId :



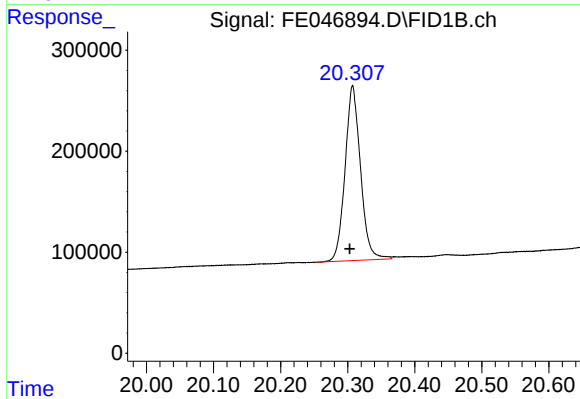
#18 n-Dotriacontane (C32)

R.T.: 18.783 min
Delta R.T.: 0.003 min
Response: 2769690
Conc: 20.13 ug/ml



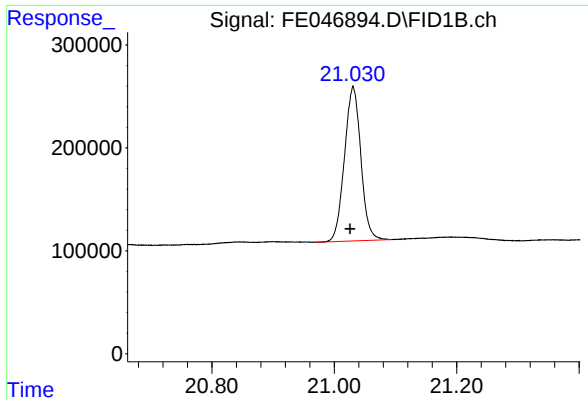
#19 n-Tetratriacontane (C34)

R.T.: 19.566 min
Delta R.T.: 0.002 min
Response: 2745420
Conc: 20.44 ug/ml



#20 n-Hexatriacontane (C36)

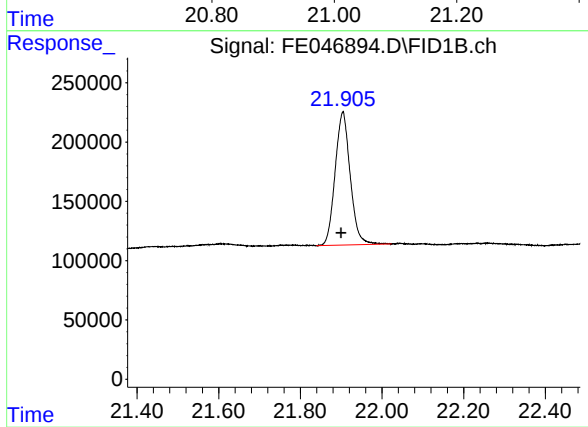
R.T.: 20.307 min
Delta R.T.: 0.004 min
Response: 2767629
Conc: 20.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.031 min
Delta R.T.: 0.005 min
Response: 2784535
Conc: 20.21 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.904 min
Delta R.T.: 0.005 min
Response: 2883789
Conc: 20.44 ug/ml