

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100122AL\
 Data File : FE037865.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2022 10:33
 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 03 03:18:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 2022
 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)	11.606	3575149	20.670 ug/ml
Spiked Amount 50.000		Recovery =	41.34%
12) S 1-chlorooctadecane (S...	13.027	2817023	20.842 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
Target Compounds			
1) T n-Nonane (C9)	3.006	3062208	20.792 ug/ml
2) T n-Decane (C10)	4.263	3079470	20.829 ug/ml
3) T A~Naphthalene (C11.7)	5.984	2943340	21.493 ug/ml
4) T n-Dodecane (C12)	6.434	3174250	20.831 ug/ml
5) T A~2-methylnaphthalene...	7.078	2678258	20.151 ug/ml
6) T n-Tetradecane (C14)	8.252	3191459	20.852 ug/ml
7) T n-Hexadecane (C16)	9.850	3248647	20.798 ug/ml
8) T n-Octadecane (C18)	11.283	3330108	20.761 ug/ml
10) T n-Eicosane (C20)	12.585	3390100	20.789 ug/ml
11) T n-Heneicosane (C21)	13.192	3414939	20.726 ug/ml
13) T n-Docosane (C22)	13.774	3472196	21.093 ug/ml
14) T n-Tetracosane (C24)	14.871	3492858	21.297 ug/ml
15) T n-Hexacosane (C26)	15.884	3484264	21.368 ug/ml
16) T n-Octacosane (C28)	16.829	3454737	21.565 ug/ml
17) T n-Tricontane (C30)	17.711	3436803	21.476 ug/ml
18) T n-Dotriacontane (C32)	18.537	3320760	21.088 ug/ml
19) T n-Tetratriacontane (C34)	19.317	3023128	20.405 ug/ml
20) T n-Hexatriacontane (C36)	20.053	2845808	19.740 ug/ml
21) T n-Octatriacontane (C38)	20.749	2631401	19.391 ug/ml
22) T n-Tetracontane (C40)	21.517	2458326	19.312 ug/ml

(f)=RT Delta > 1/2 Window

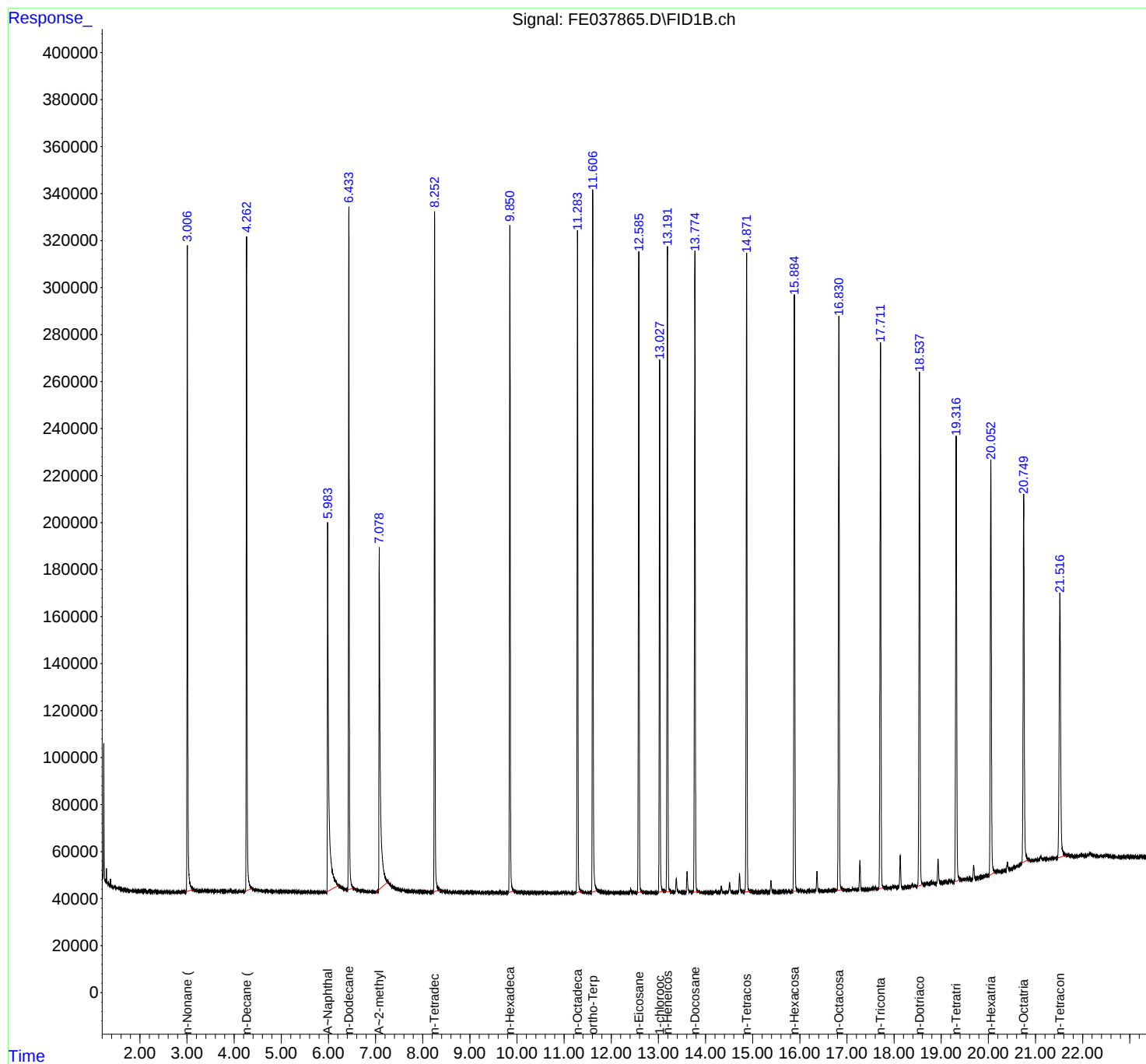
(m)=manual int.

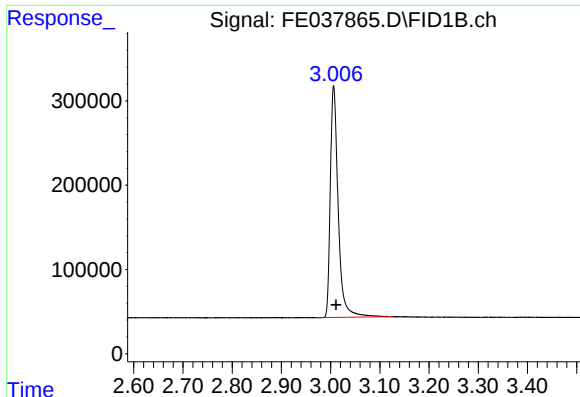
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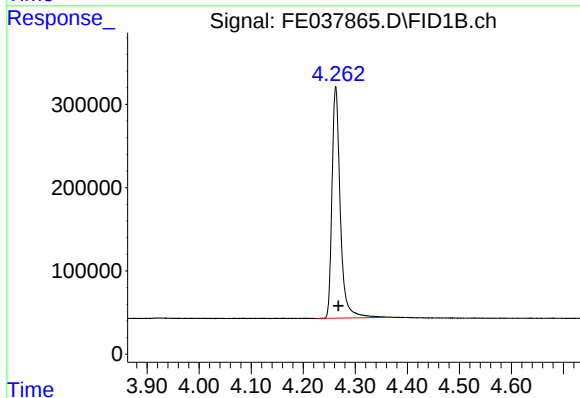




#1 n-Nonane (C9)

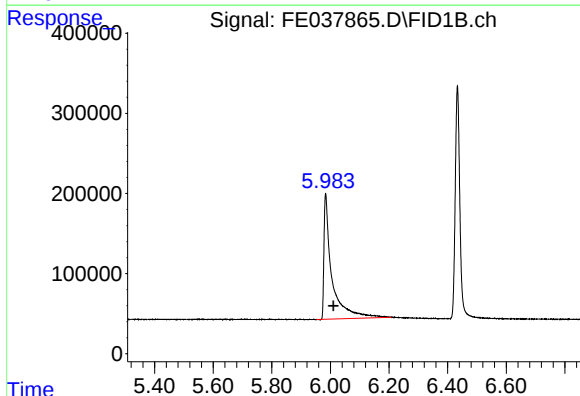
R.T.: 3.006 min
Delta R.T.: -0.005 min
Response: 3062208
Conc: 20.79 ug/ml

Instrument :
FID_E
ClientSampleId :



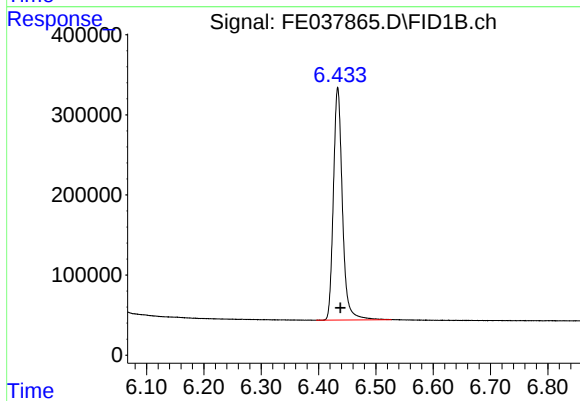
#2 n-Decane (C10)

R.T.: 4.263 min
Delta R.T.: -0.005 min
Response: 3079470
Conc: 20.83 ug/ml



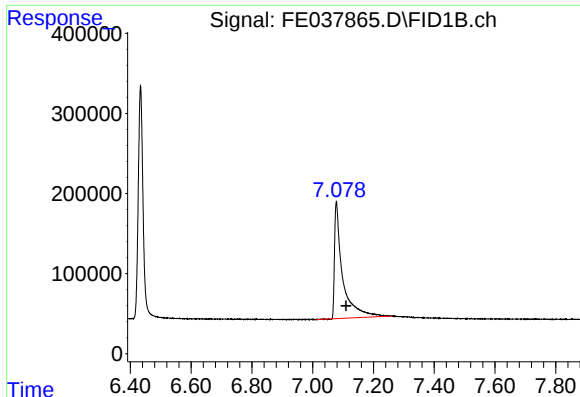
#3 A~Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: -0.027 min
Response: 2943340
Conc: 21.49 ug/ml



#4 n-Dodecane (C12)

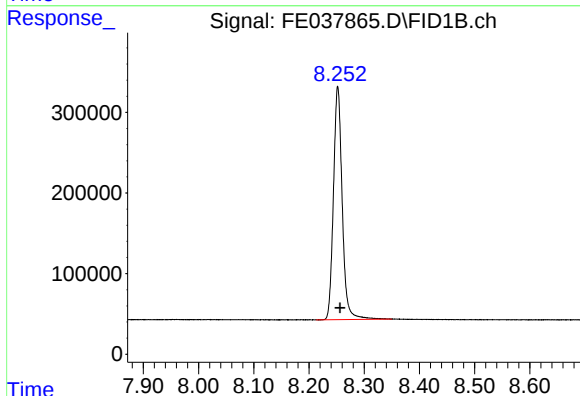
R.T.: 6.434 min
Delta R.T.: -0.005 min
Response: 3174250
Conc: 20.83 ug/ml



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

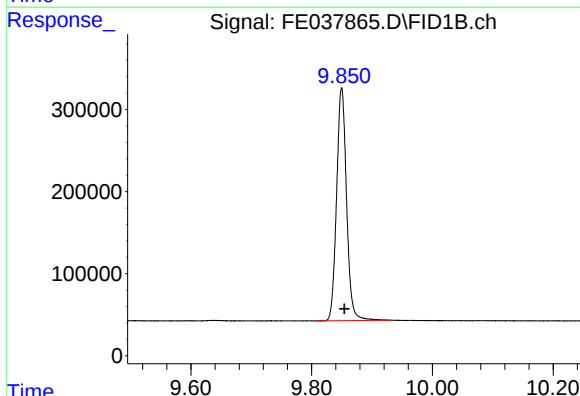
R.T.: 7.078 min
Delta R.T.: -0.032 min
Response: 2678258
Conc: 20.15 ug/ml

Instrument :
FID_E
ClientSampleId :



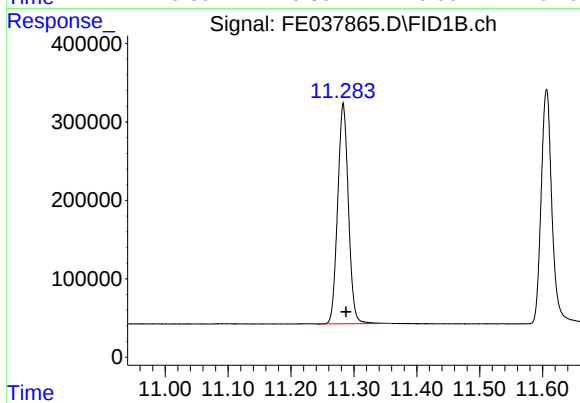
#6 n-Tetradecane (C14)

R.T.: 8.252 min
Delta R.T.: -0.004 min
Response: 3191459
Conc: 20.85 ug/ml



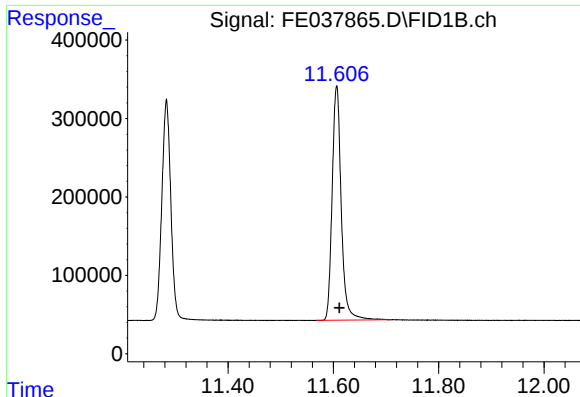
#7 n-Hexadecane (C16)

R.T.: 9.850 min
Delta R.T.: -0.004 min
Response: 3248647
Conc: 20.80 ug/ml



#8 n-Octadecane (C18)

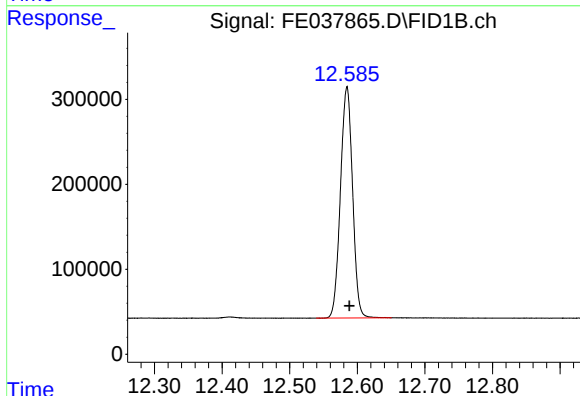
R.T.: 11.283 min
Delta R.T.: -0.005 min
Response: 3330108
Conc: 20.76 ug/ml



#9 ortho-Terphenyl (SURR)

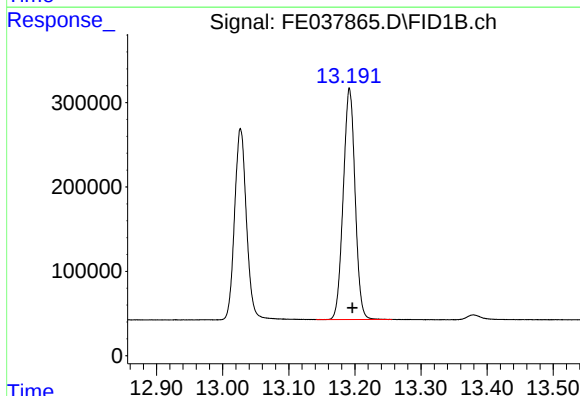
R.T.: 11.606 min
Delta R.T.: -0.005 min
Response: 3575149
Conc: 20.67 ug/ml

Instrument :
FID_E
ClientSampleId :



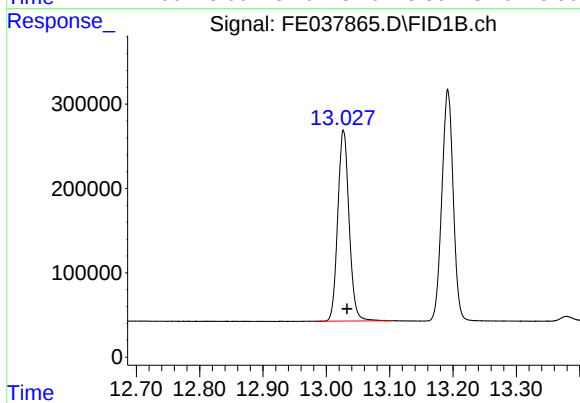
#10 n-Eicosane (C20)

R.T.: 12.585 min
Delta R.T.: -0.004 min
Response: 3390100
Conc: 20.79 ug/ml



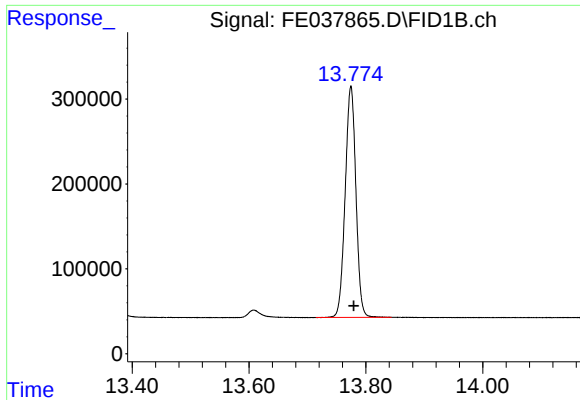
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.004 min
Response: 3414939
Conc: 20.73 ug/ml



#12 1-chlorooctadecane (SURR)

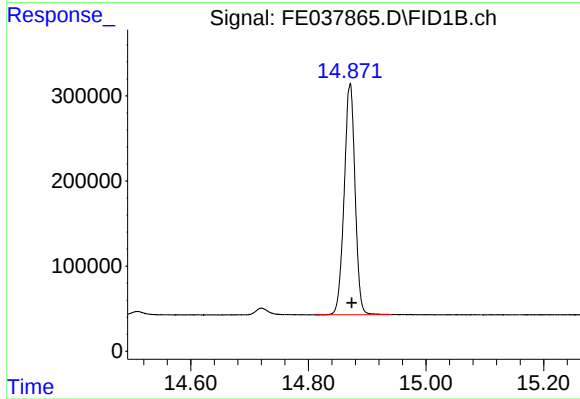
R.T.: 13.027 min
Delta R.T.: -0.006 min
Response: 2817023
Conc: 20.84 ug/ml



#13 n-Docosane (C22)

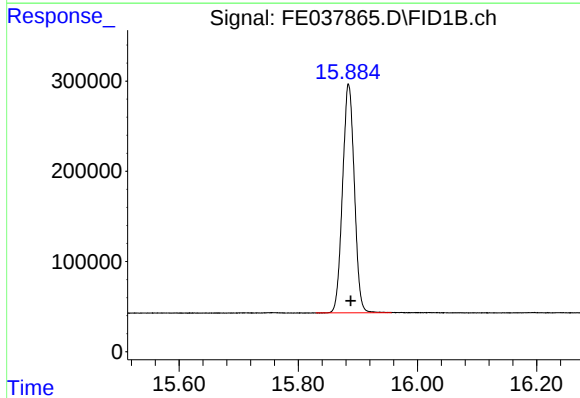
R.T.: 13.774 min
Delta R.T.: -0.005 min
Response: 3472196
Conc: 21.09 ug/ml

Instrument :
FID_E
ClientSampleId :



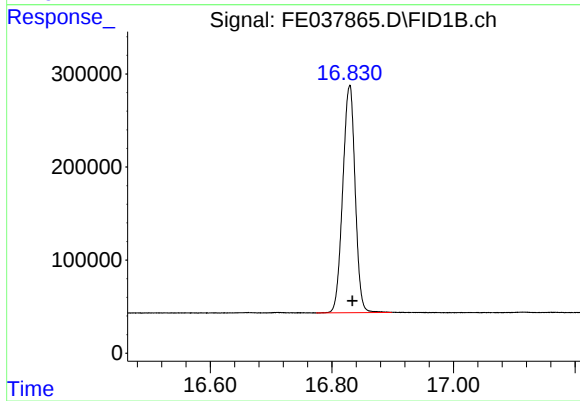
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.003 min
Response: 3492858
Conc: 21.30 ug/ml



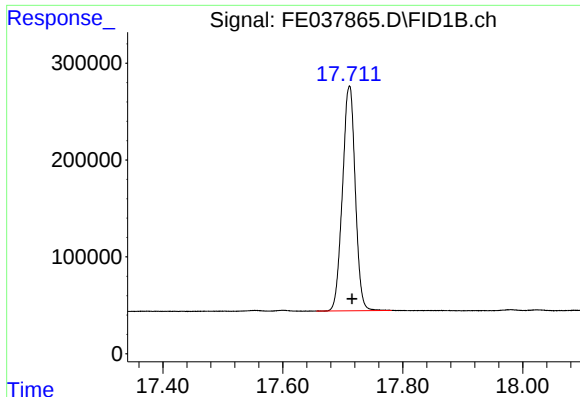
#15 n-Hexacosane (C26)

R.T.: 15.884 min
Delta R.T.: -0.004 min
Response: 3484264
Conc: 21.37 ug/ml



#16 n-Octacosane (C28)

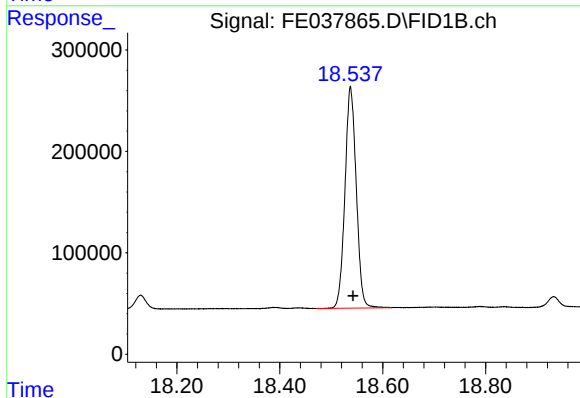
R.T.: 16.829 min
Delta R.T.: -0.004 min
Response: 3454737
Conc: 21.57 ug/ml



#17 n-Tricontane (C30)

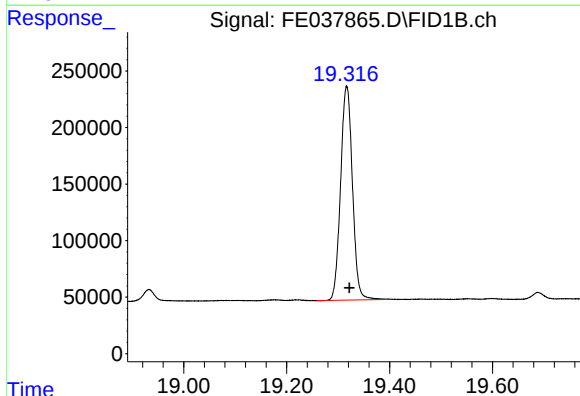
R.T.: 17.711 min
Delta R.T.: -0.004 min
Response: 3436803
Conc: 21.48 ug/ml

Instrument :
FID_E
ClientSampleId :



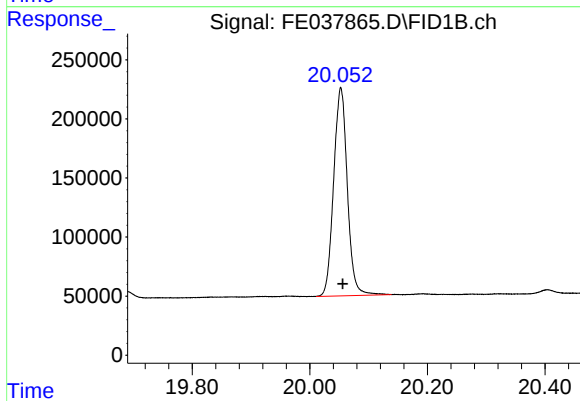
#18 n-Dotriacontane (C32)

R.T.: 18.537 min
Delta R.T.: -0.005 min
Response: 3320760
Conc: 21.09 ug/ml



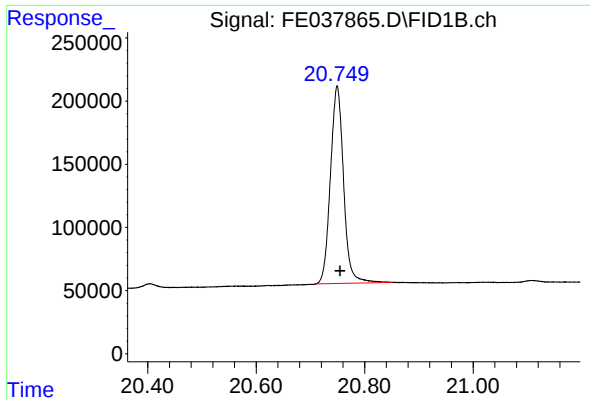
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.005 min
Response: 3023128
Conc: 20.40 ug/ml



#20 n-Hexatriacontane (C36)

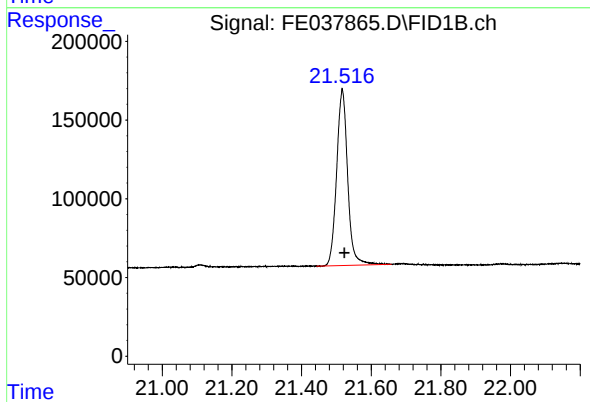
R.T.: 20.053 min
Delta R.T.: -0.003 min
Response: 2845808
Conc: 19.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.749 min
Delta R.T.: -0.005 min
Response: 2631401
Conc: 19.39 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.517 min
Delta R.T.: -0.006 min
Response: 2458326
Conc: 19.31 ug/ml