

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102522AL\
 Data File : FC061937.D
 Signal(s) : FID1A.ch
 Acq On : 26 Oct 2022 16:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 26 17:25:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 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)	11.585	3183542	21.417 ug/ml
Spiked Amount 50.000		Recovery =	42.83%
12) S 1-chlorooctadecane (S...	13.021	2519878	21.630 ug/ml
Spiked Amount 50.000		Recovery =	43.26%
Target Compounds			
1) T n-Nonane (C9)	3.344	2800675	19.911 ug/ml
2) T n-Decane (C10)	4.413	2863838	20.062 ug/ml
3) T A~Naphthalene (C11.7)	5.998	3090093	20.019 ug/ml
4) T n-Dodecane (C12)	6.430	2910101	20.046 ug/ml
5) T A~2-methylnaphthalene...	7.053	3061234	20.180 ug/ml
6) T n-Tetradecane (C14)	8.225	2932976	20.177 ug/ml
7) T n-Hexadecane (C16)	9.827	2985113	20.499 ug/ml
8) T n-Octadecane (C18)	11.269	3036614	21.009 ug/ml
10) T n-Eicosane (C20)	12.577	3029097	21.462 ug/ml
11) T n-Heneicosane (C21)	13.188	3013345	21.717 ug/ml
13) T n-Docosane (C22)	13.774	2983601	21.764 ug/ml
14) T n-Tetracosane (C24)	14.877	2890851	21.879 ug/ml
15) T n-Hexacosane (C26)	15.898	2785375	22.105 ug/ml
16) T n-Octacosane (C28)	16.847	2685276	22.265 ug/ml
17) T n-Tricontane (C30)	17.734	2721519	22.873 ug/ml
18) T n-Dotriacontane (C32)	18.565	2683963	22.780 ug/ml
19) T n-Tetratriacontane (C34)	19.348	2515468	22.266 ug/ml
20) T n-Hexatriacontane (C36)	20.086	2457787	21.672 ug/ml
21) T n-Octatriacontane (C38)	20.821	2386769	21.212 ug/ml
22) T n-Tetracontane (C40)	21.734	2290851	20.405 ug/ml

(f)=RT Delta > 1/2 Window

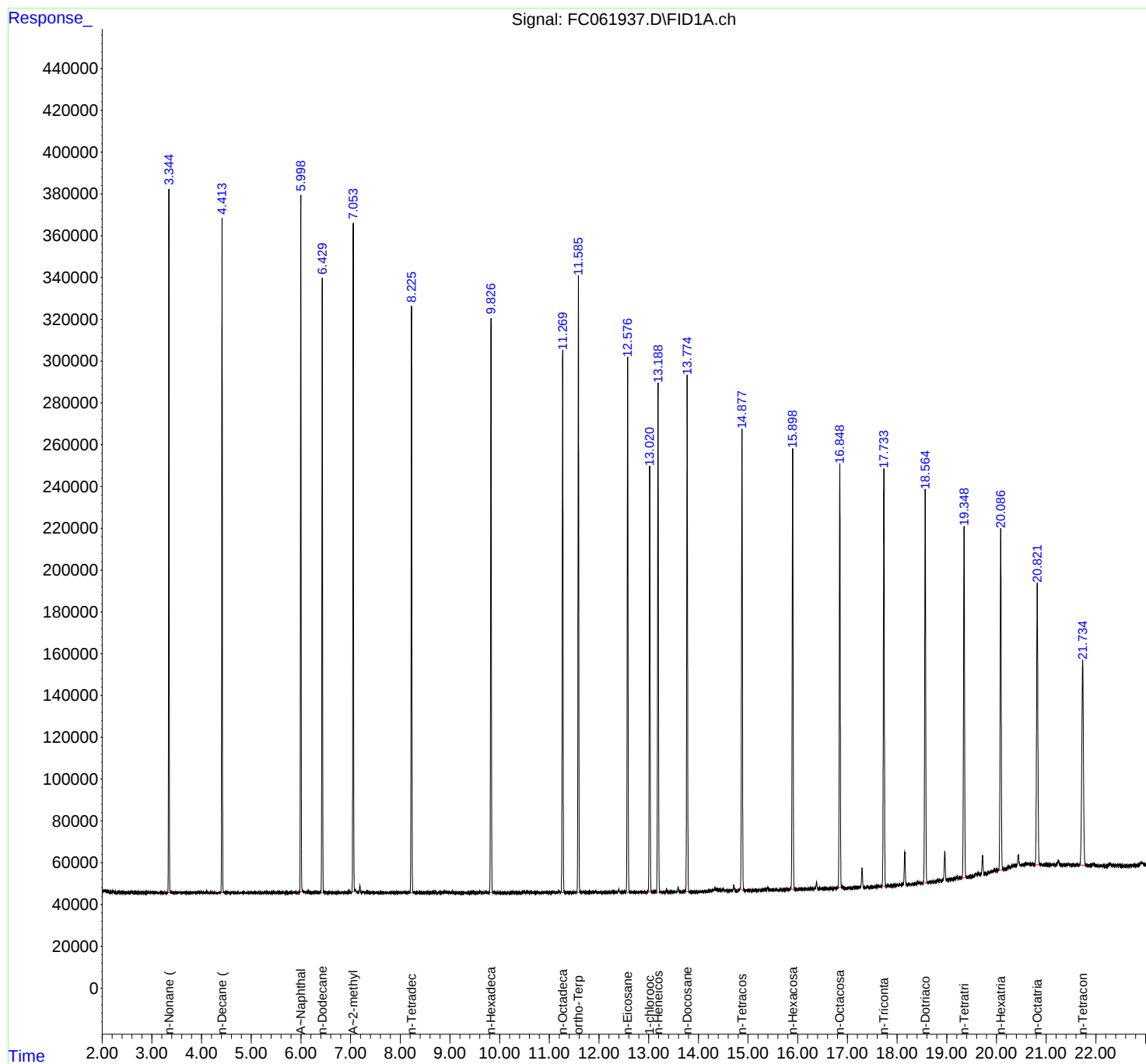
(m)=manual int.

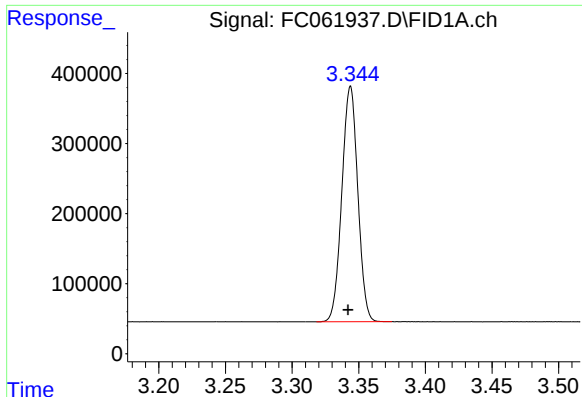
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102522AL\
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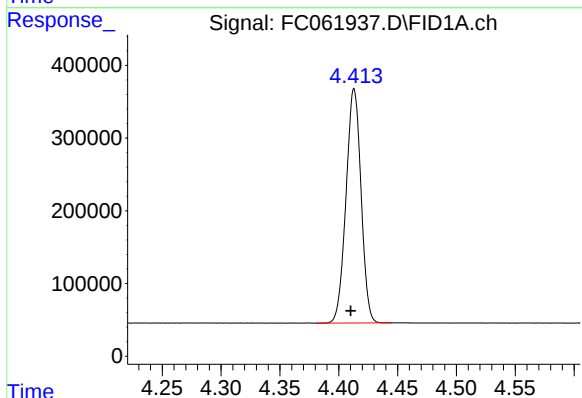




#1 n-Nonane (C9)

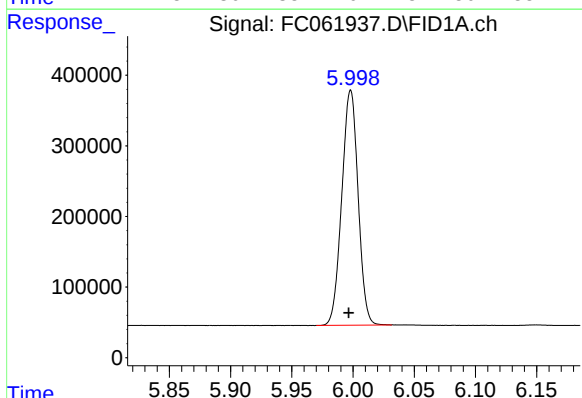
R.T.: 3.344 min
Delta R.T.: 0.002 min
Response: 2800675
Conc: 19.91 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



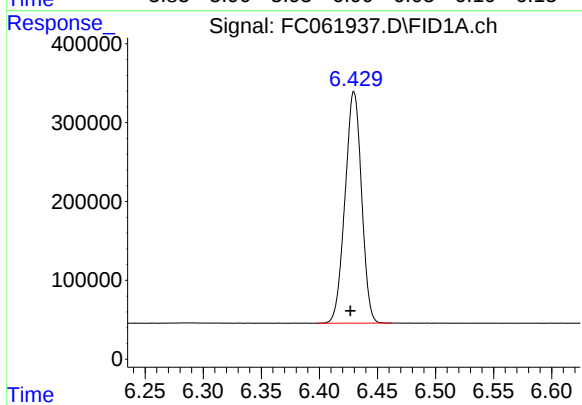
#2 n-Decane (C10)

R.T.: 4.413 min
Delta R.T.: 0.003 min
Response: 2863838
Conc: 20.06 ug/ml



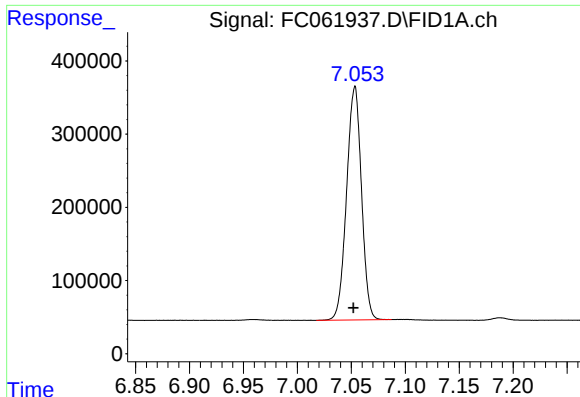
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: 0.002 min
Response: 3090093
Conc: 20.02 ug/ml



#4 n-Dodecane (C12)

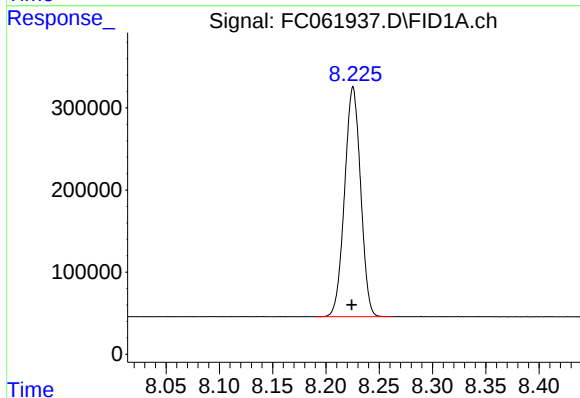
R.T.: 6.430 min
Delta R.T.: 0.003 min
Response: 2910101
Conc: 20.05 ug/ml



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

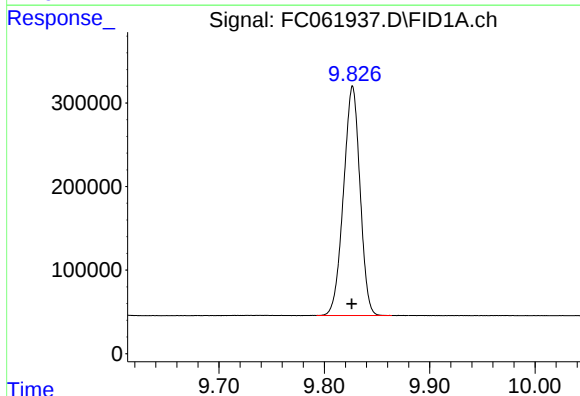
R.T.: 7.053 min
Delta R.T.: 0.002 min
Response: 3061234
Conc: 20.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



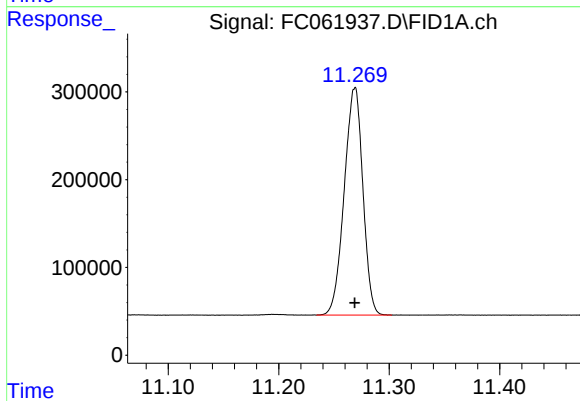
#6 n-Tetradecane (C14)

R.T.: 8.225 min
Delta R.T.: 0.001 min
Response: 2932976
Conc: 20.18 ug/ml



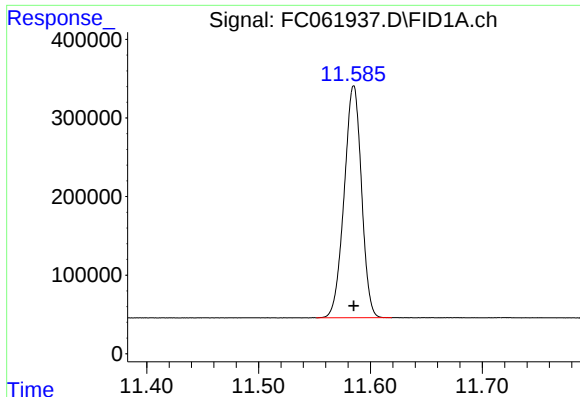
#7 n-Hexadecane (C16)

R.T.: 9.827 min
Delta R.T.: 0.000 min
Response: 2985113
Conc: 20.50 ug/ml



#8 n-Octadecane (C18)

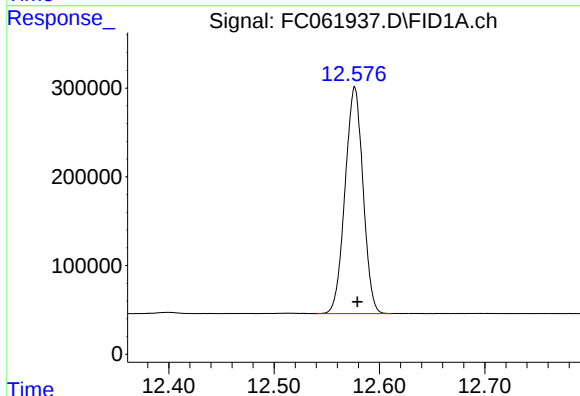
R.T.: 11.269 min
Delta R.T.: 0.000 min
Response: 3036614
Conc: 21.01 ug/ml



#9 ortho-Terphenyl (SURR)

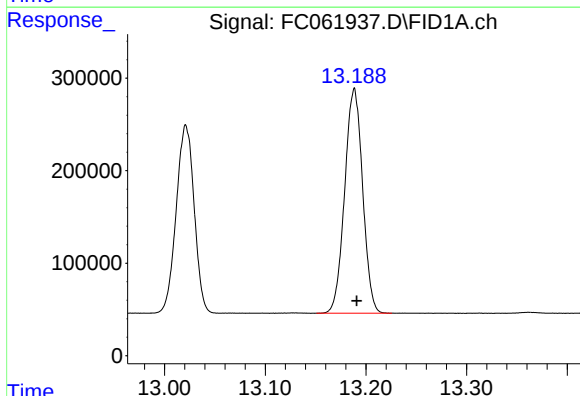
R.T.: 11.585 min
Delta R.T.: 0.000 min
Response: 3183542
Conc: 21.42 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



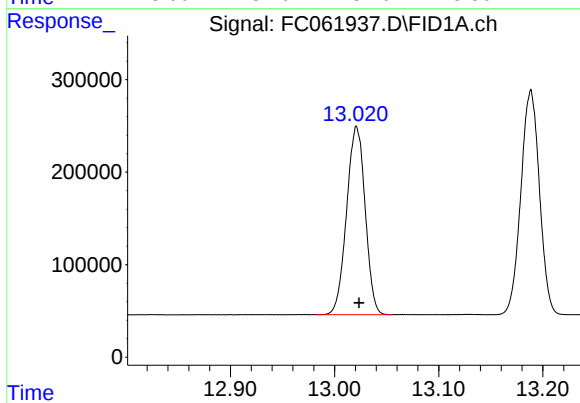
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.002 min
Response: 3029097
Conc: 21.46 ug/ml



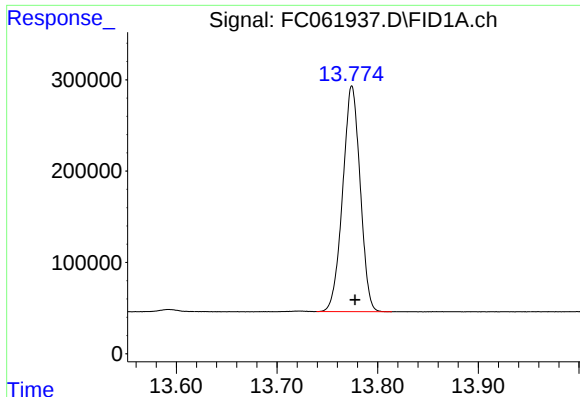
#11 n-Heneicosane (C21)

R.T.: 13.188 min
Delta R.T.: -0.002 min
Response: 3013345
Conc: 21.72 ug/ml



#12 1-chlorooctadecane (SURR)

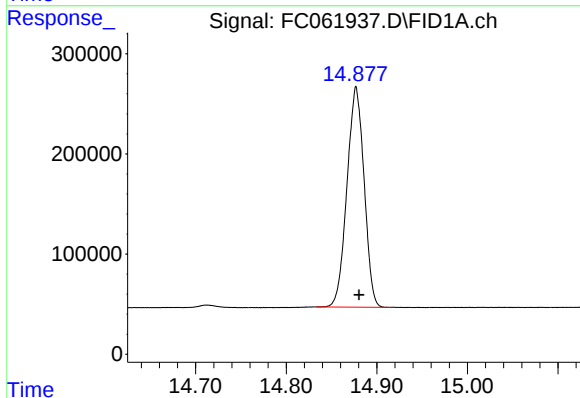
R.T.: 13.021 min
Delta R.T.: -0.002 min
Response: 2519878
Conc: 21.63 ug/ml



#13 n-Docosane (C22)

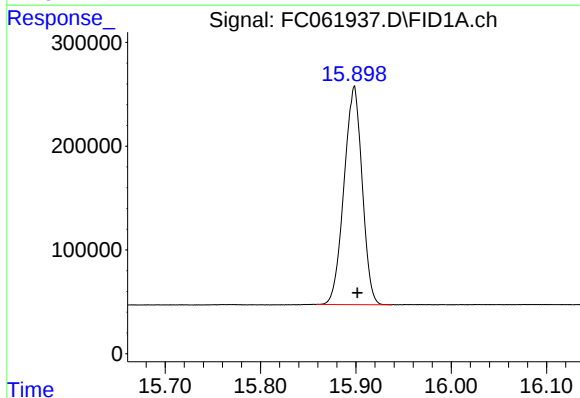
R.T.: 13.774 min
Delta R.T.: -0.003 min
Response: 2983601
Conc: 21.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



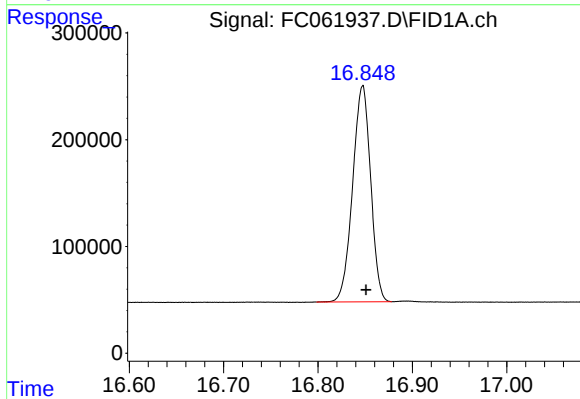
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.003 min
Response: 2890851
Conc: 21.88 ug/ml



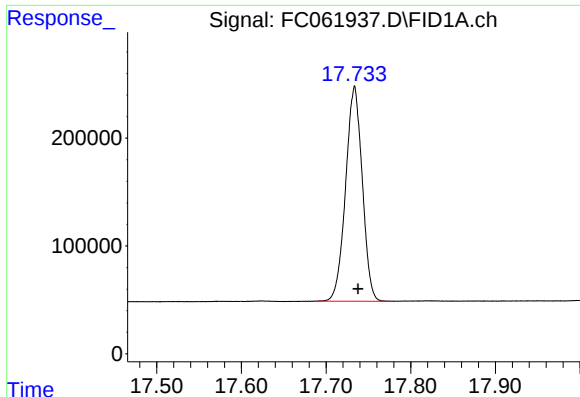
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: -0.003 min
Response: 2785375
Conc: 22.11 ug/ml



#16 n-Octacosane (C28)

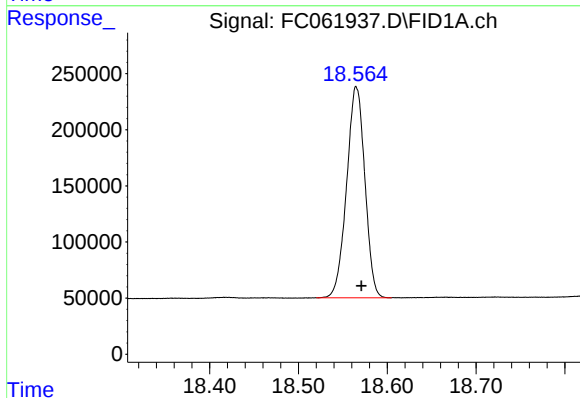
R.T.: 16.847 min
Delta R.T.: -0.004 min
Response: 2685276
Conc: 22.26 ug/ml



#17 n-Tricontane (C30)

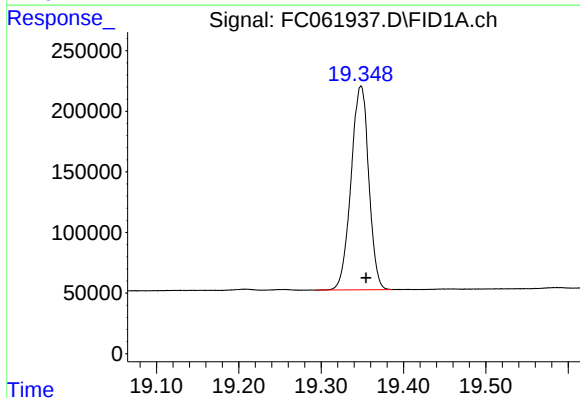
R.T.: 17.734 min
Delta R.T.: -0.004 min
Response: 2721519
Conc: 22.87 ug/ml

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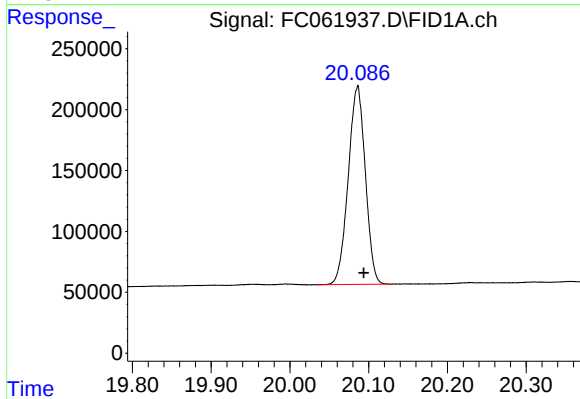
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.006 min
Response: 2683963
Conc: 22.78 ug/ml



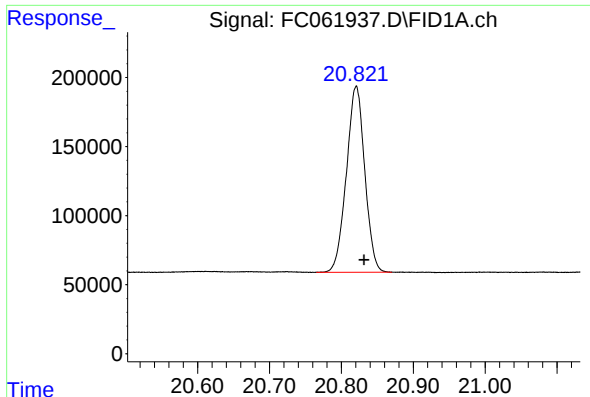
#19 n-Tetratriacontane (C34)

R.T.: 19.348 min
Delta R.T.: -0.006 min
Response: 2515468
Conc: 22.27 ug/ml



#20 n-Hexatriacontane (C36)

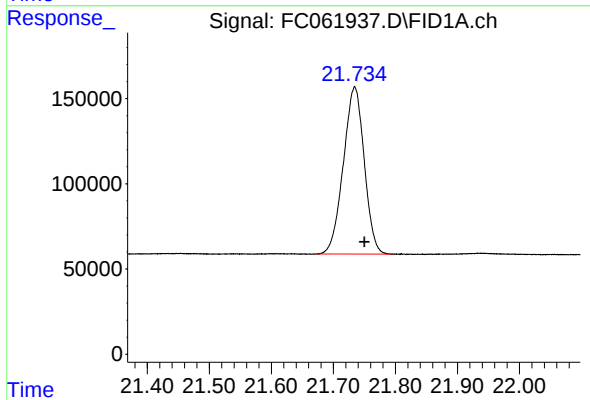
R.T.: 20.086 min
Delta R.T.: -0.008 min
Response: 2457787
Conc: 21.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.821 min
Delta R.T.: -0.011 min
Response: 2386769
Conc: 21.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.734 min
Delta R.T.: -0.015 min
Response: 2290851
Conc: 20.41 ug/ml