

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020325AL\
 Data File : FFCCC01.D
 Signal(s) : FID2B.ch
 Acq On : 03 Feb 2025 22:23
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 04 05:17:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 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)	11.937	3141303	19.758 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
12) S 1-chlorooctadecane (S...	13.375	2397463	19.231 ug/ml
Spiked Amount 50.000		Recovery =	38.46%
Target Compounds			
1) T n-Nonane (C9)	3.318	2797046	21.307 ug/ml
2) T n-Decane (C10)	4.573	2905584	21.722 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3103601	21.339 ug/ml
4) T n-Dodecane (C12)	6.738	2960740	21.956 ug/ml
5) T A~2-methylnaphthalene...	7.373	2986678	21.225 ug/ml
6) T n-Tetradecane (C14)	8.565	2960716	21.913 ug/ml
7) T n-Hexadecane (C16)	10.173	3052111	21.540 ug/ml
8) T n-Octadecane (C18)	11.618	3041630	20.769 ug/ml
10) T n-Eicosane (C20)	12.930	2864746	19.869 ug/ml
11) T n-Heneicosane (C21)	13.542	2772555	19.423 ug/ml
13) T n-Docosane (C22)	14.129	2741269	19.125 ug/ml
14) T n-Tetracosane (C24)	15.234	2700167	18.614 ug/ml
15) T n-Hexacosane (C26)	16.258	2622356	18.453 ug/ml
16) T n-Octacosane (C28)	17.210	2631483	18.911 ug/ml
17) T n-Tricontane (C30)	18.101	2779666	19.958 ug/ml
18) T n-Dotriacontane (C32)	18.935	2727835	20.914 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2364991	21.755 ug/ml
20) T n-Hexatriacontane (C36)	20.462	2050123	23.309 ug/ml
21) T n-Octatriacontane (C38)	21.203	1989135	24.137 ug/ml
22) T n-Tetracontane (C40)	22.125	2033783	25.634 ug/ml

(f)=RT Delta > 1/2 Window

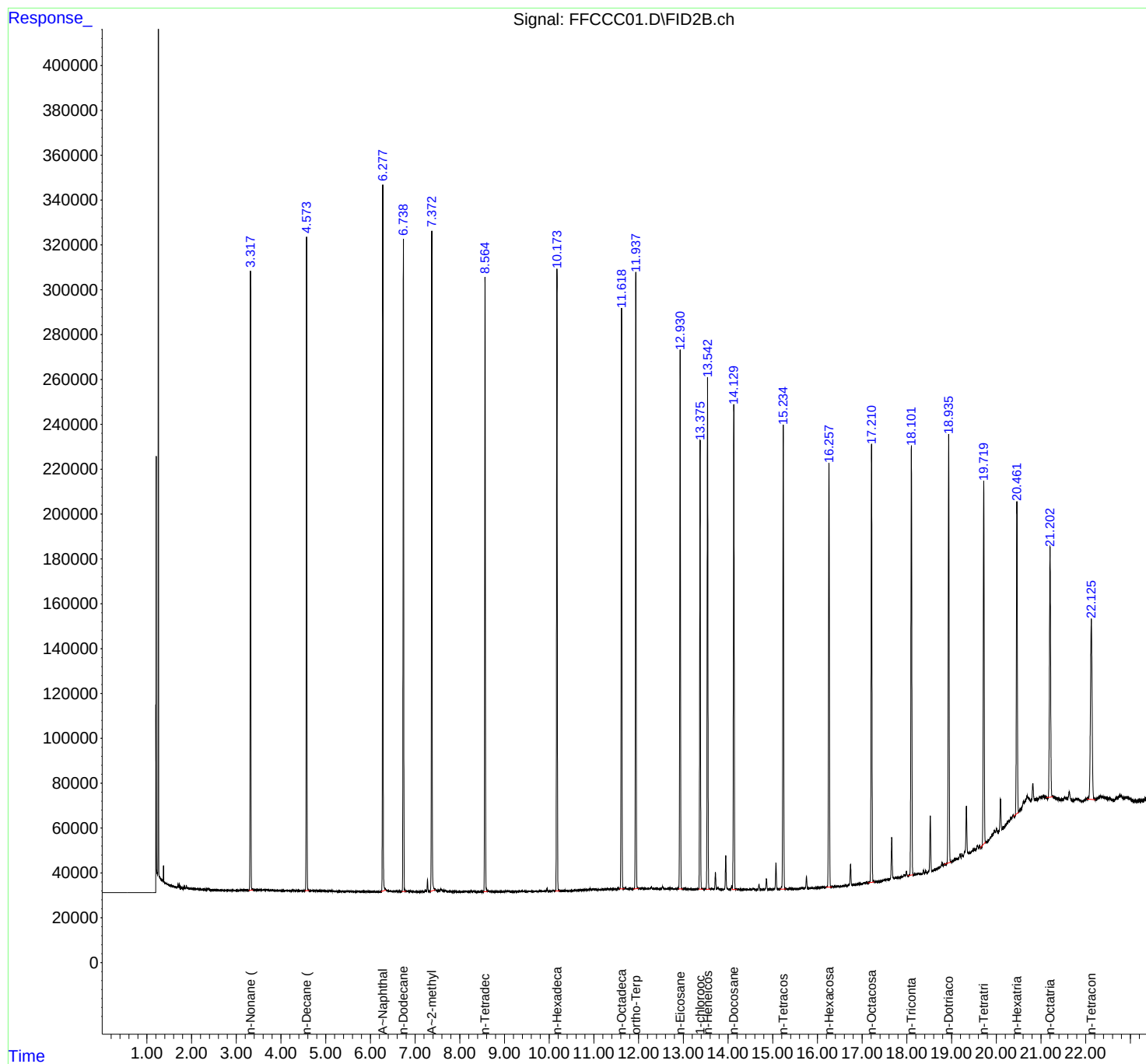
(m)=manual int.

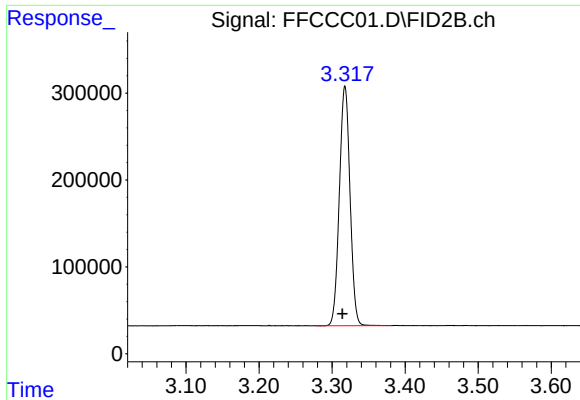
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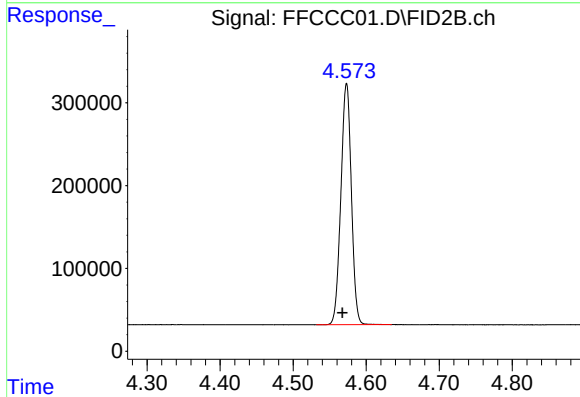




#1 n-Nonane (C9)

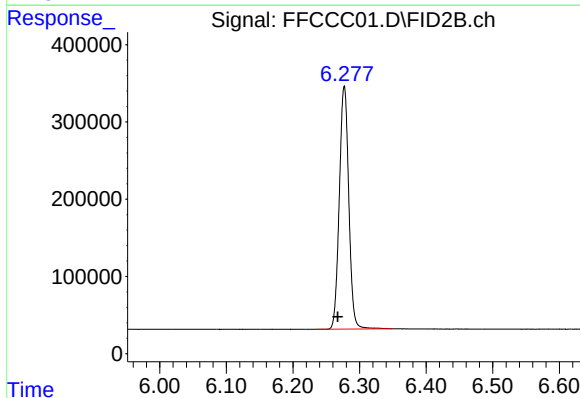
R.T.: 3.318 min
Delta R.T.: 0.004 min
Response: 2797046
Conc: 21.31 ug/ml

Instrument :
FID_F
ClientSampleId :



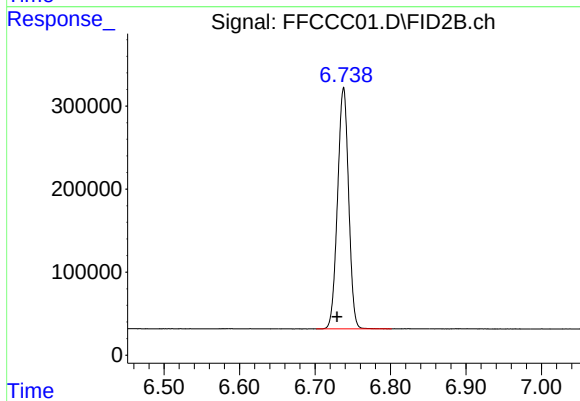
#2 n-Decane (C10)

R.T.: 4.573 min
Delta R.T.: 0.006 min
Response: 2905584
Conc: 21.72 ug/ml



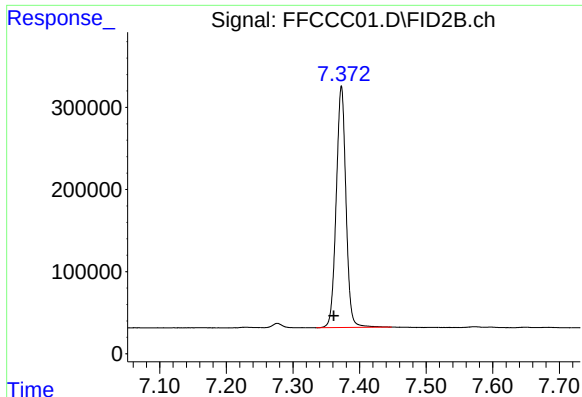
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.010 min
Response: 3103601
Conc: 21.34 ug/ml



#4 n-Dodecane (C12)

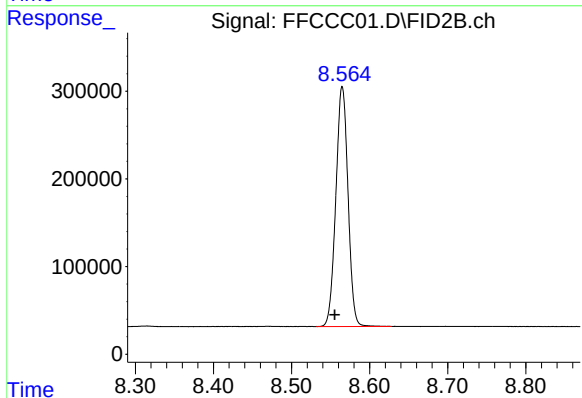
R.T.: 6.738 min
Delta R.T.: 0.008 min
Response: 2960740
Conc: 21.96 ug/ml



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

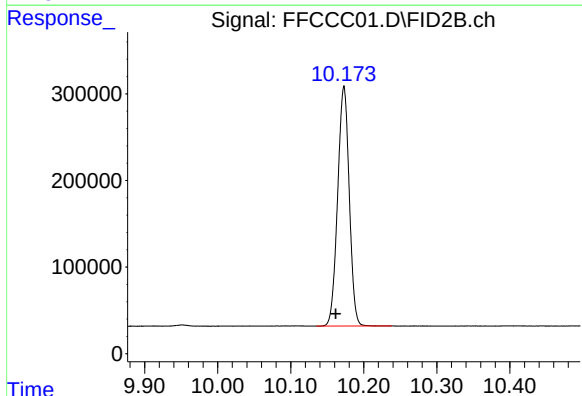
R.T.: 7.373 min
Delta R.T.: 0.012 min
Response: 2986678
Conc: 21.23 ug/ml

Instrument :
FID_F
ClientSampleId :



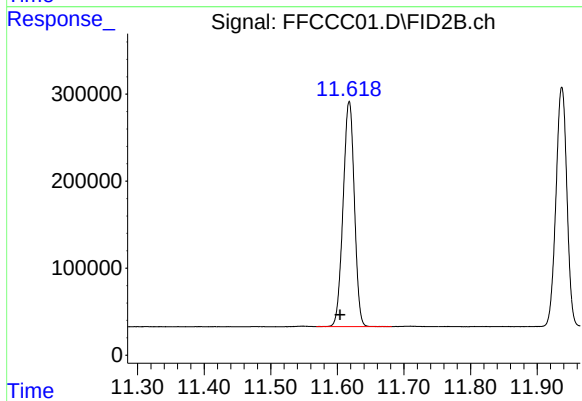
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.010 min
Response: 2960716
Conc: 21.91 ug/ml



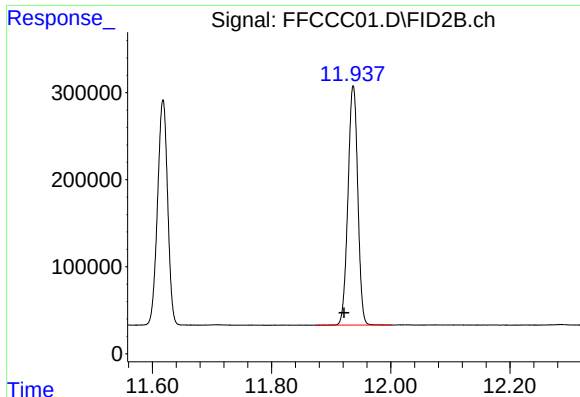
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: 0.011 min
Response: 3052111
Conc: 21.54 ug/ml



#8 n-Octadecane (C18)

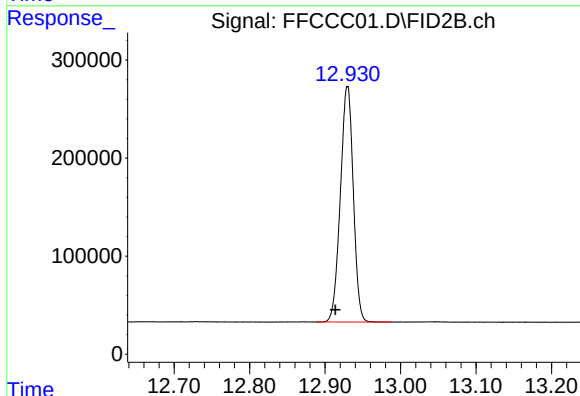
R.T.: 11.618 min
Delta R.T.: 0.014 min
Response: 3041630
Conc: 20.77 ug/ml



#9 ortho-Terphenyl (SURR)

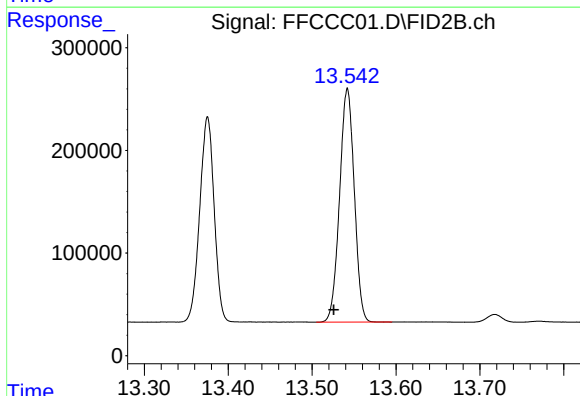
R.T.: 11.937 min
Delta R.T.: 0.015 min
Response: 3141303
Conc: 19.76 ug/ml

Instrument :
FID_F
ClientSampleId :



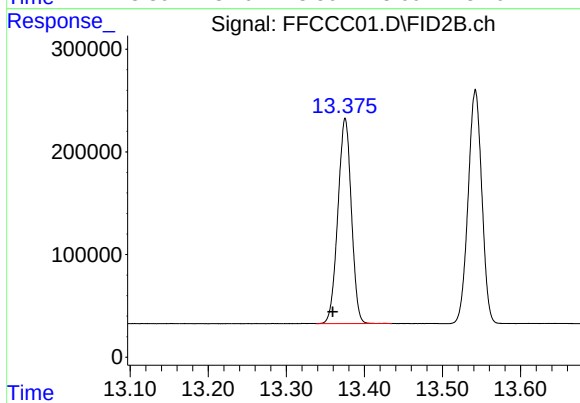
#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: 0.016 min
Response: 2864746
Conc: 19.87 ug/ml



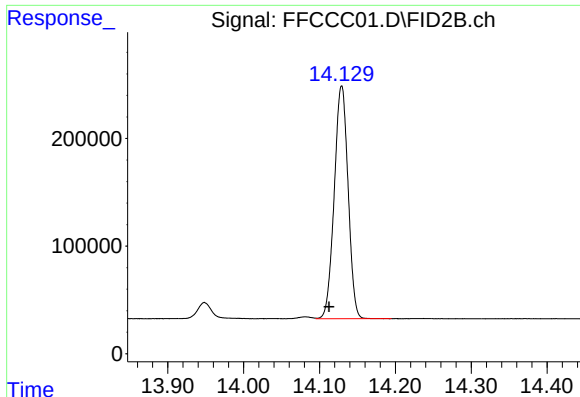
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: 0.016 min
Response: 2772555
Conc: 19.42 ug/ml



#12 1-chlorooctadecane (SURR)

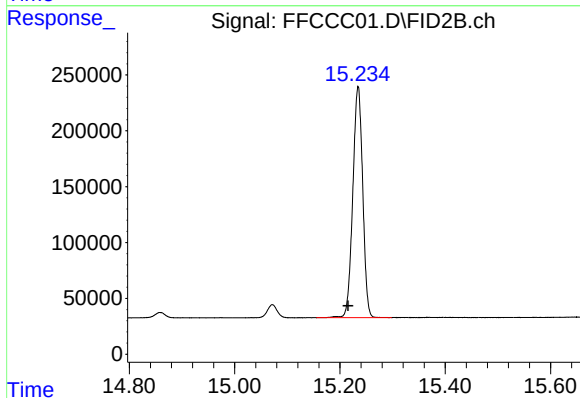
R.T.: 13.375 min
Delta R.T.: 0.016 min
Response: 2397463
Conc: 19.23 ug/ml



#13 n-Docosane (C22)

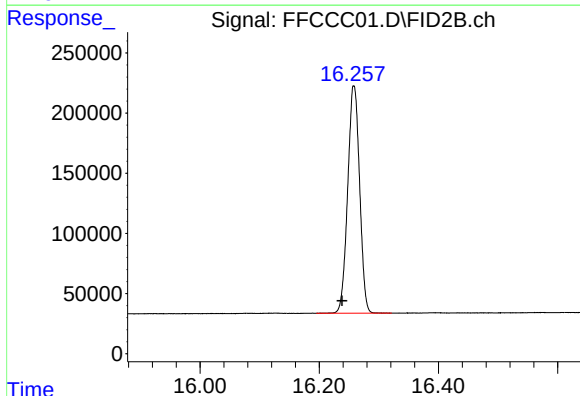
R.T.: 14.129 min
Delta R.T.: 0.017 min
Response: 2741269
Conc: 19.12 ug/ml

Instrument :
FID_F
ClientSampleId :



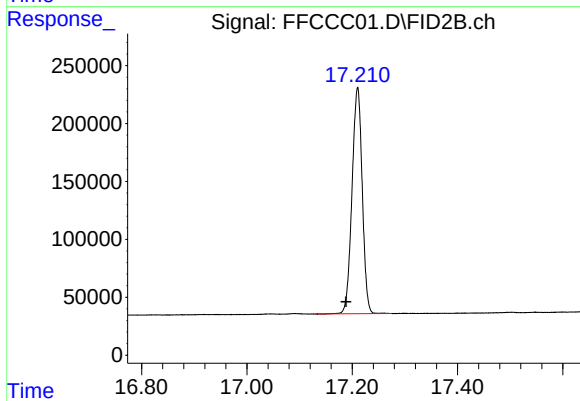
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: 0.019 min
Response: 2700167
Conc: 18.61 ug/ml



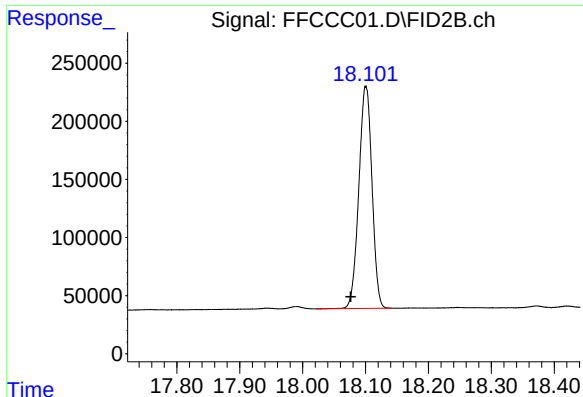
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: 0.020 min
Response: 2622356
Conc: 18.45 ug/ml



#16 n-Octacosane (C28)

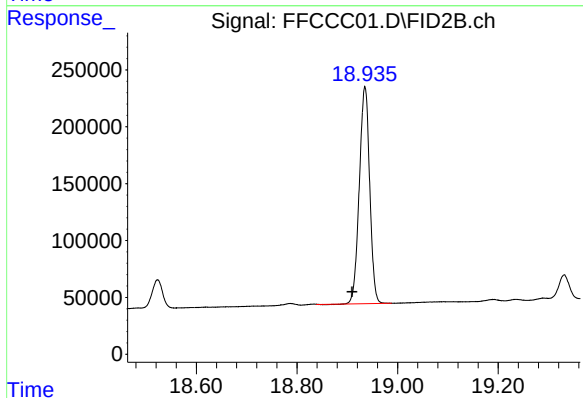
R.T.: 17.210 min
Delta R.T.: 0.022 min
Response: 2631483
Conc: 18.91 ug/ml



#17 n-Tricontane (C30)

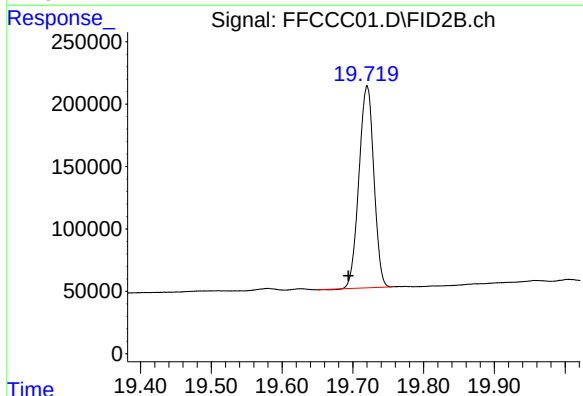
R.T.: 18.101 min
Delta R.T.: 0.024 min
Response: 2779666
Conc: 19.96 ug/ml

Instrument :
FID_F
ClientSampleId :



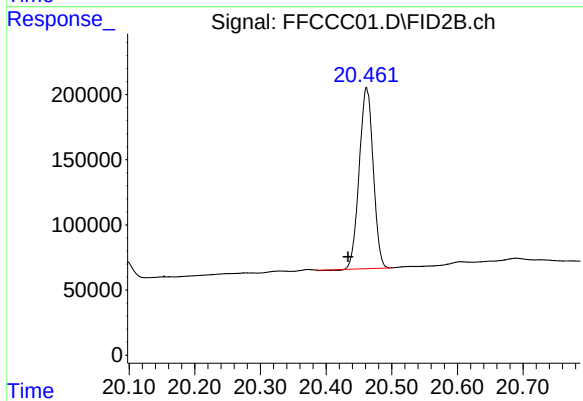
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: 0.026 min
Response: 2727835
Conc: 20.91 ug/ml



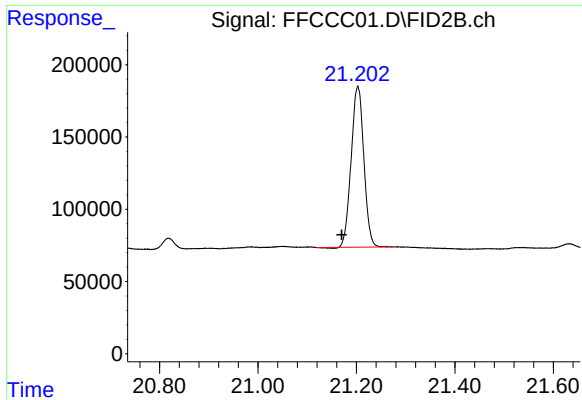
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.026 min
Response: 2364991
Conc: 21.76 ug/ml



#20 n-Hexatriacontane (C36)

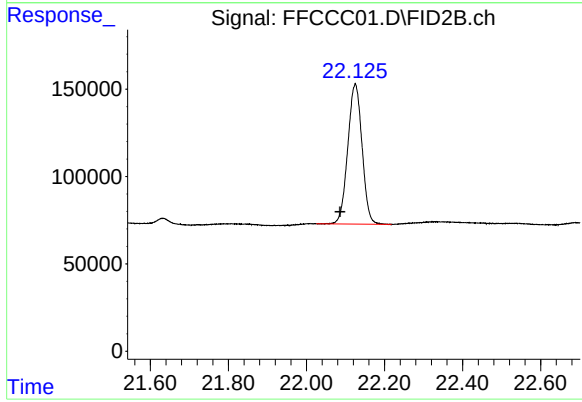
R.T.: 20.462 min
Delta R.T.: 0.028 min
Response: 2050123
Conc: 23.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.033 min
Response: 1989135
Conc: 24.14 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: 0.039 min
Response: 2033783
Conc: 25.63 ug/ml