

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051923AL\
 Data File : FF012629.D
 Signal(s) : FID2B.ch
 Acq On : 19 May 2023 12:02
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: May 19 12:22:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:22:15 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)	10.914	823165	5.139 ug/ml
Spiked Amount 50.000		Recovery =	10.28%
12) S 1-chlorooctadecane (S...	12.348	596534	5.047 ug/ml
Spiked Amount 50.000		Recovery =	10.09%
Target Compounds			
1) T n-Nonane (C9)	2.772	667899	5.104 ug/ml
2) T n-Decane (C10)	3.781	675145	5.054 ug/ml
3) T A~Naphthalene (C11.7)	5.350	671862	4.769 ug/ml
4) T n-Dodecane (C12)	5.767	682808	5.044 ug/ml
5) T A~2-methylnaphthalene...	6.400	608438	4.584 ug/ml
6) T n-Tetradecane (C14)	7.557	662794	4.954 ug/ml
7) T n-Hexadecane (C16)	9.155	685278	4.950 ug/ml
8) T n-Octadecane (C18)	10.594	721695	5.070 ug/ml
10) T n-Eicosane (C20)	11.902	703433	5.115 ug/ml
11) T n-Heneicosane (C21)	12.513	696199	5.148 ug/ml
13) T n-Docosane (C22)	13.098	687072	5.133 ug/ml
14) T n-Tetracosane (C24)	14.199	672989	5.118 ug/ml
15) T n-Hexacosane (C26)	15.218	652191	5.129 ug/ml
16) T n-Octacosane (C28)	16.168	644070	5.239 ug/ml
17) T n-Tricontane (C30)	17.053	661028	5.354 ug/ml
18) T n-Dotriacontane (C32)	17.884	659838	5.454 ug/ml
19) T n-Tetratriacontane (C34)	18.668	628589	5.373 ug/ml
20) T n-Hexatriacontane (C36)	19.405	592159	5.256 ug/ml
21) T n-Octatriacontane (C38)	20.136	577448	5.184 ug/ml
22) T n-Tetracontane (C40)	21.034	566927	5.138 ug/ml

(f)=RT Delta > 1/2 Window

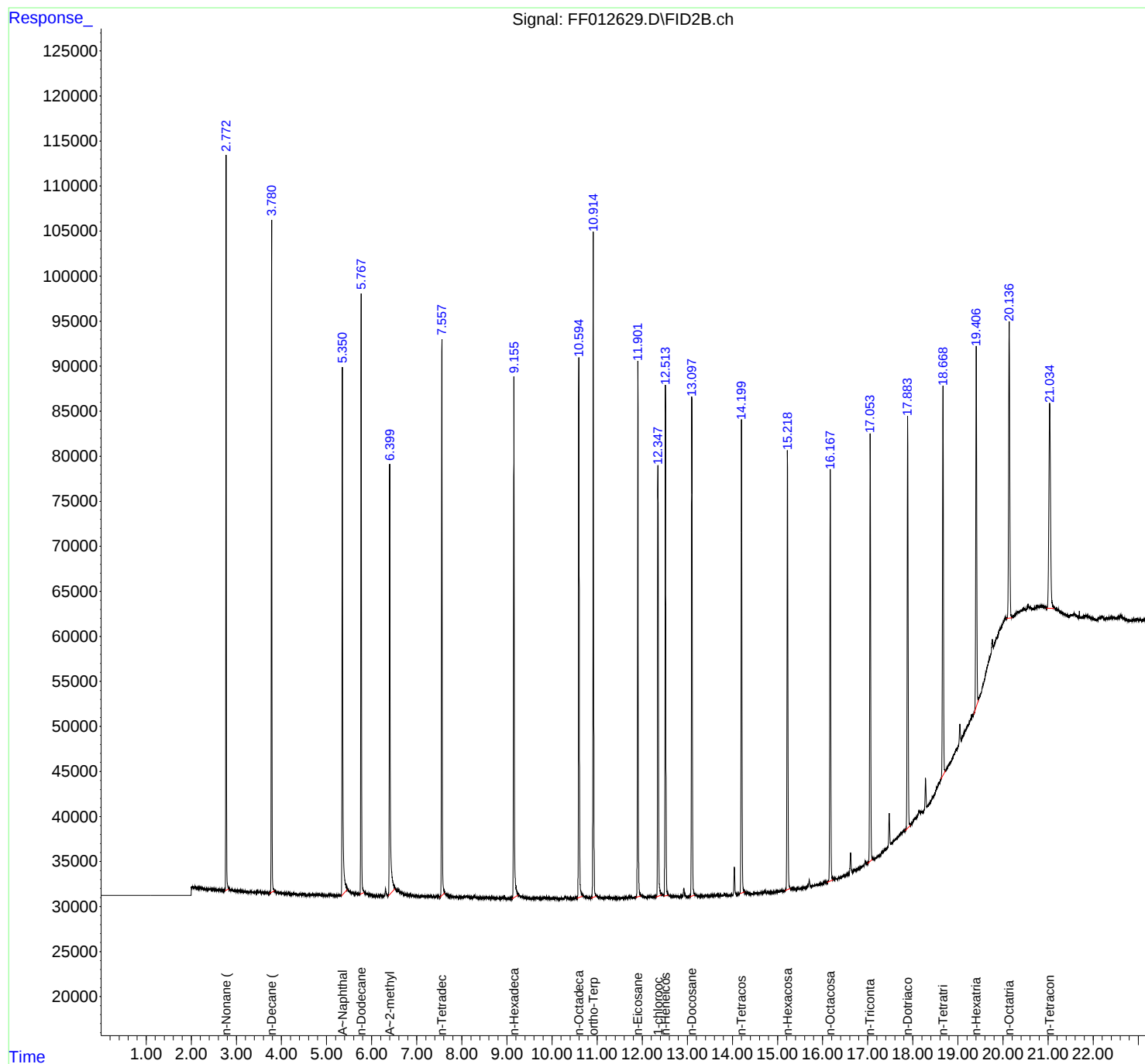
(m)=manual int.

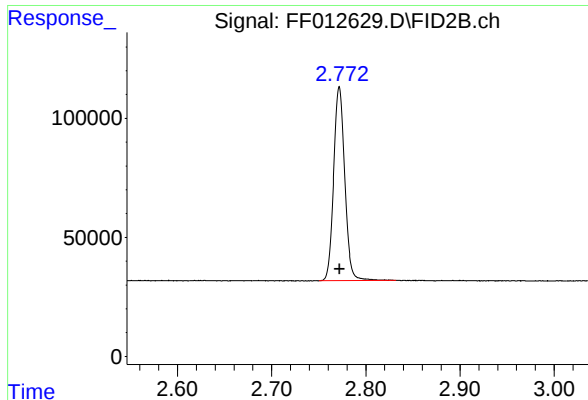
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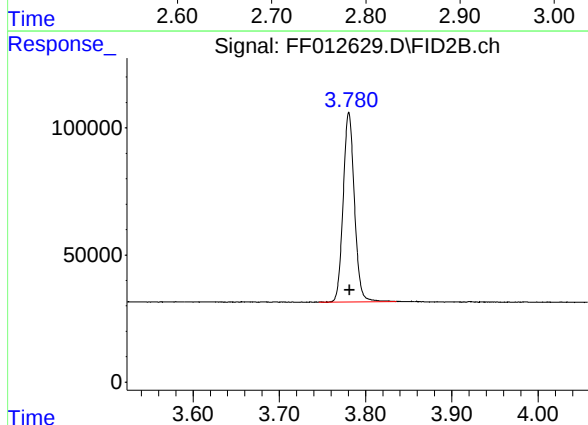




#1 n-Nonane (C9)

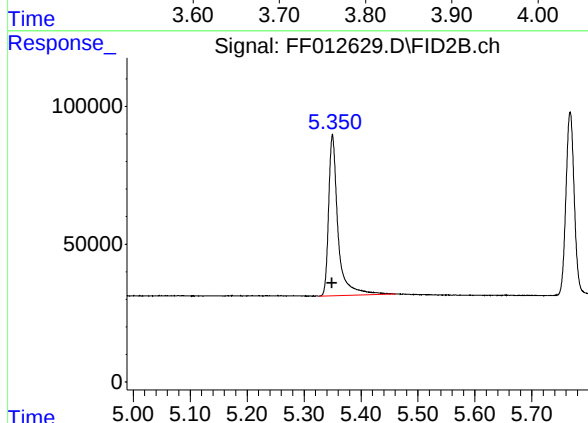
R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 667899
Conc: 5.10 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



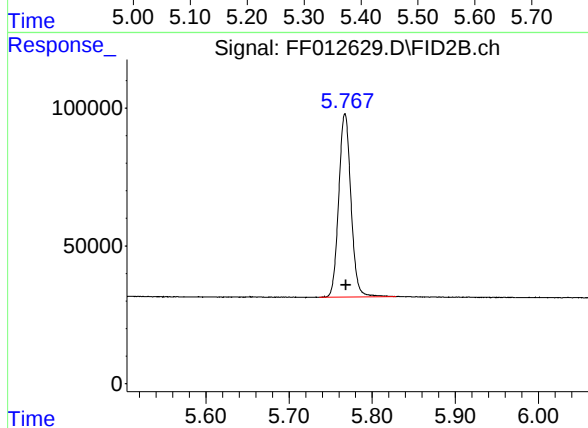
#2 n-Decane (C10)

R.T.: 3.781 min
Delta R.T.: -0.001 min
Response: 675145
Conc: 5.05 ug/ml



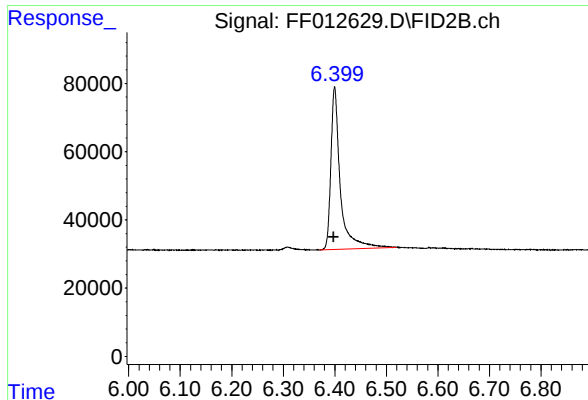
#3 A~Naphthalene (C11.7)

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 671862
Conc: 4.77 ug/ml



#4 n-Dodecane (C12)

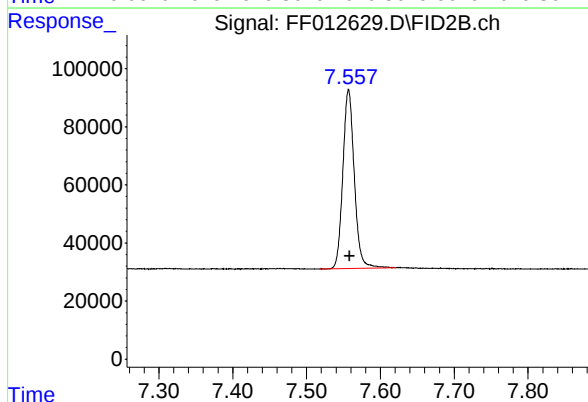
R.T.: 5.767 min
Delta R.T.: -0.001 min
Response: 682808
Conc: 5.04 ug/ml



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

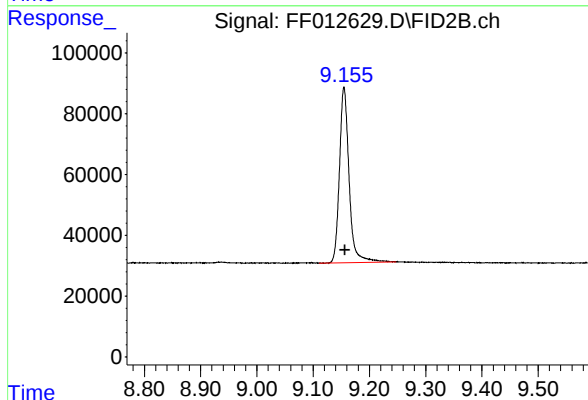
R.T.: 6.400 min
Delta R.T.: 0.002 min
Response: 608438
Conc: 4.58 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



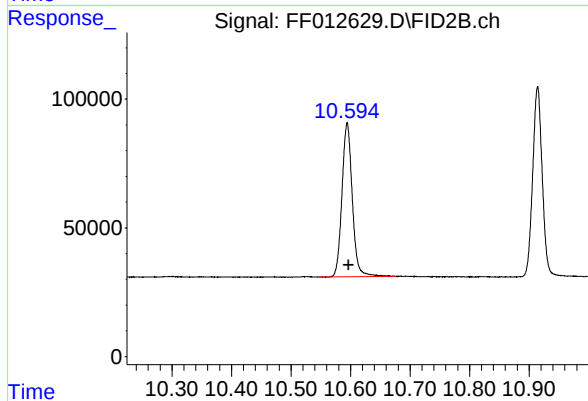
#6 n-Tetradecane (C14)

R.T.: 7.557 min
Delta R.T.: -0.001 min
Response: 662794
Conc: 4.95 ug/ml



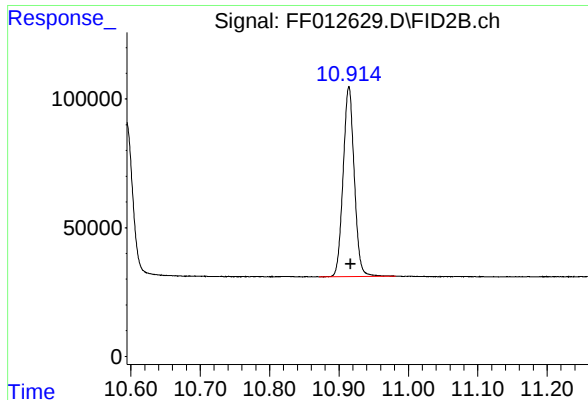
#7 n-Hexadecane (C16)

R.T.: 9.155 min
Delta R.T.: -0.002 min
Response: 685278
Conc: 4.95 ug/ml



#8 n-Octadecane (C18)

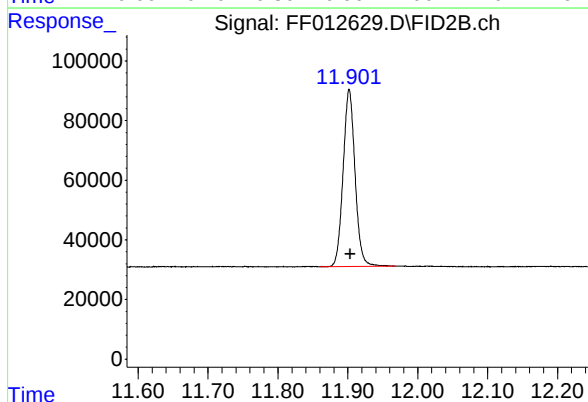
R.T.: 10.594 min
Delta R.T.: -0.002 min
Response: 721695
Conc: 5.07 ug/ml



#9 ortho-Terphenyl (SURR)

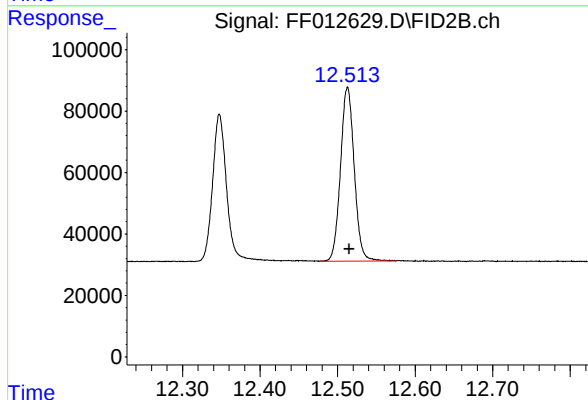
R.T.: 10.914 min
Delta R.T.: -0.002 min
Response: 823165
Conc: 5.14 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



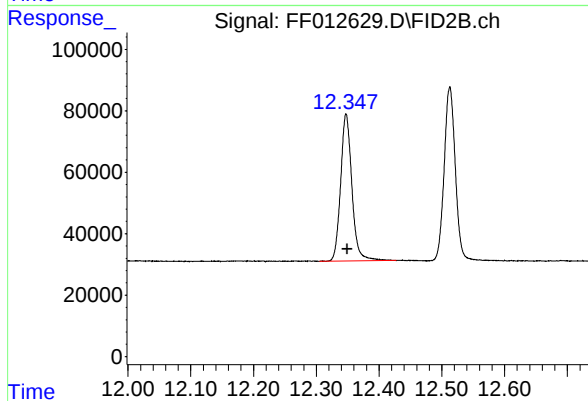
#10 n-Eicosane (C20)

R.T.: 11.902 min
Delta R.T.: -0.002 min
Response: 703433
Conc: 5.12 ug/ml



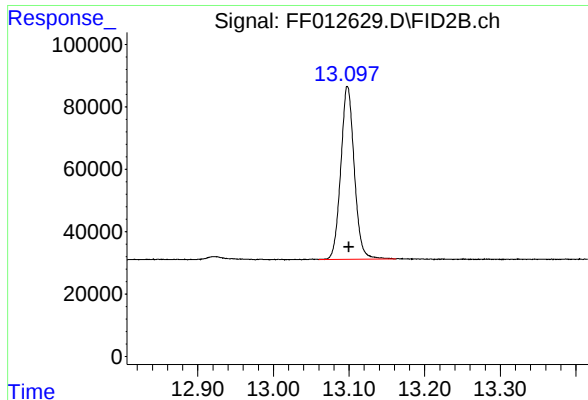
#11 n-Heneicosane (C21)

R.T.: 12.513 min
Delta R.T.: -0.002 min
Response: 696199
Conc: 5.15 ug/ml



#12 1-chlorooctadecane (SURR)

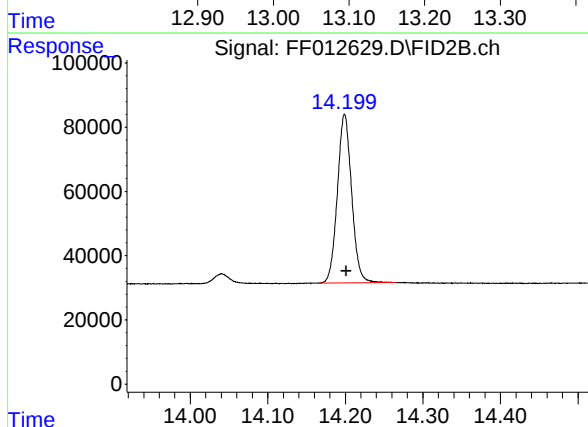
R.T.: 12.348 min
Delta R.T.: -0.002 min
Response: 596534
Conc: 5.05 ug/ml



#13 n-Docosane (C22)

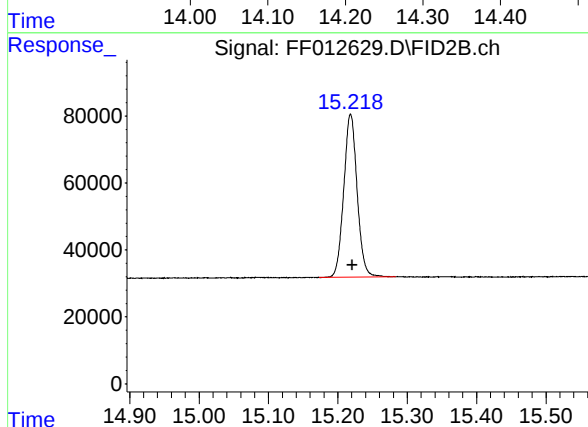
R.T.: 13.098 min
Delta R.T.: -0.002 min
Response: 687072
Conc: 5.13 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



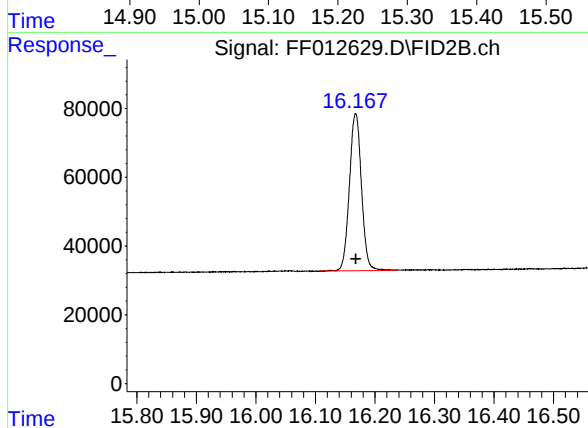
#14 n-Tetracosane (C24)

R.T.: 14.199 min
Delta R.T.: -0.002 min
Response: 672989
Conc: 5.12 ug/ml



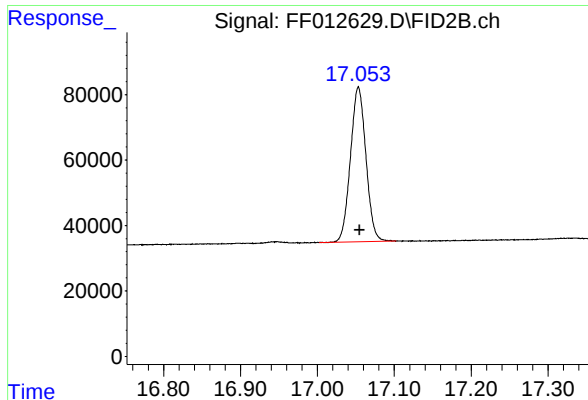
#15 n-Hexacosane (C26)

R.T.: 15.218 min
Delta R.T.: -0.002 min
Response: 652191
Conc: 5.13 ug/ml



#16 n-Octacosane (C28)

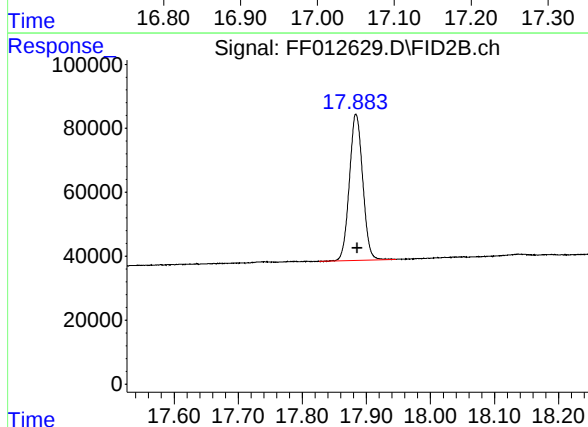
R.T.: 16.168 min
Delta R.T.: 0.000 min
Response: 644070
Conc: 5.24 ug/ml



#17 n-Tricontane (C30)

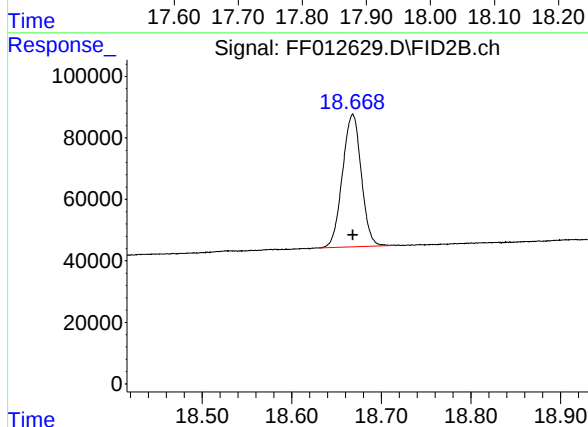
R.T.: 17.053 min
Delta R.T.: -0.002 min
Response: 661028
Conc: 5.35 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



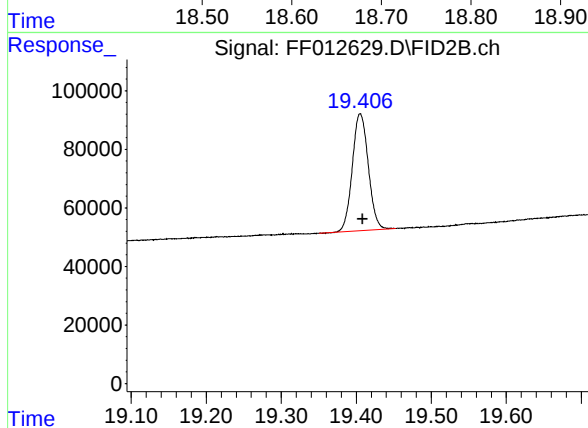
#18 n-Dotriacontane (C32)

R.T.: 17.884 min
Delta R.T.: -0.002 min
Response: 659838
Conc: 5.45 ug/ml



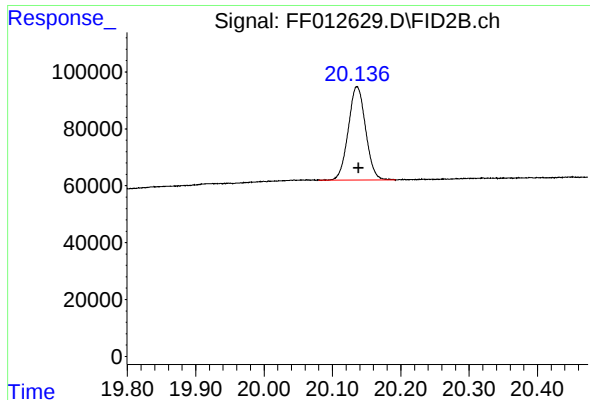
#19 n-Tetatriacontane (C34)

R.T.: 18.668 min
Delta R.T.: 0.000 min
Response: 628589
Conc: 5.37 ug/ml



#20 n-Hexatriacontane (C36)

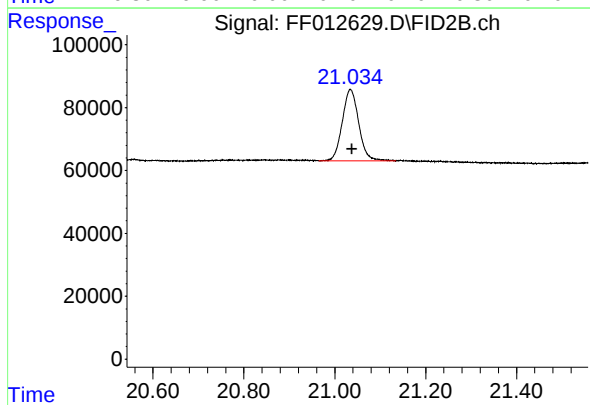
R.T.: 19.405 min
Delta R.T.: -0.003 min
Response: 592159
Conc: 5.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.136 min
Delta R.T.: -0.003 min
Response: 577448
Conc: 5.18 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.034 min
Delta R.T.: -0.004 min
Response: 566927
Conc: 5.14 ug/ml