

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092022AL\
 Data File : FC061580.D
 Signal(s) : FID1A.ch
 Acq On : 20 Sep 2022 18:06
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Sep 20 18:32:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092022.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 20 17:44:02 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)	11.571	963154	5.821 ug/ml
Spiked Amount 50.000		Recovery =	11.64%
12) S 1-chlorooctadecane (S...	13.008	773646	5.857 ug/ml
Spiked Amount 50.000		Recovery =	11.71%
Target Compounds			
1) T n-Nonane (C9)	3.321	845781	5.861 ug/ml
2) T n-Decane (C10)	4.391	850262	5.822 ug/ml
3) T A~Naphthalene (C11.7)	5.977	935436	5.827 ug/ml
4) T n-Dodecane (C12)	6.411	861132	5.857 ug/ml
5) T A~2-methylnaphthalene...	7.034	927097	5.821 ug/ml
6) T n-Tetradecane (C14)	8.210	860456	5.832 ug/ml
7) T n-Hexadecane (C16)	9.812	871729	5.823 ug/ml
8) T n-Octadecane (C18)	11.255	891287	5.845 ug/ml
10) T n-Eicosane (C20)	12.565	905271	5.881 ug/ml
11) T n-Heneicosane (C21)	13.177	912519	5.890 ug/ml
13) T n-Docosane (C22)	13.763	916548	5.913 ug/ml
14) T n-Tetracosane (C24)	14.866	918581	5.953 ug/ml
15) T n-Hexacosane (C26)	15.887	910056	5.961 ug/ml
16) T n-Octacosane (C28)	16.836	891399	5.975 ug/ml
17) T n-Tricontane (C30)	17.724	889325	6.013 ug/ml
18) T n-Dotriacontane (C32)	18.556	876250	6.035 ug/ml
19) T n-Tetratriacontane (C34)	19.340	823159	6.049 ug/ml
20) T n-Hexatriacontane (C36)	20.078	784739	5.886 ug/ml
21) T n-Octatriacontane (C38)	20.811	742076	5.947 ug/ml
22) T n-Tetracontane (C40)	21.721	703958	5.988 ug/ml

(f)=RT Delta > 1/2 Window

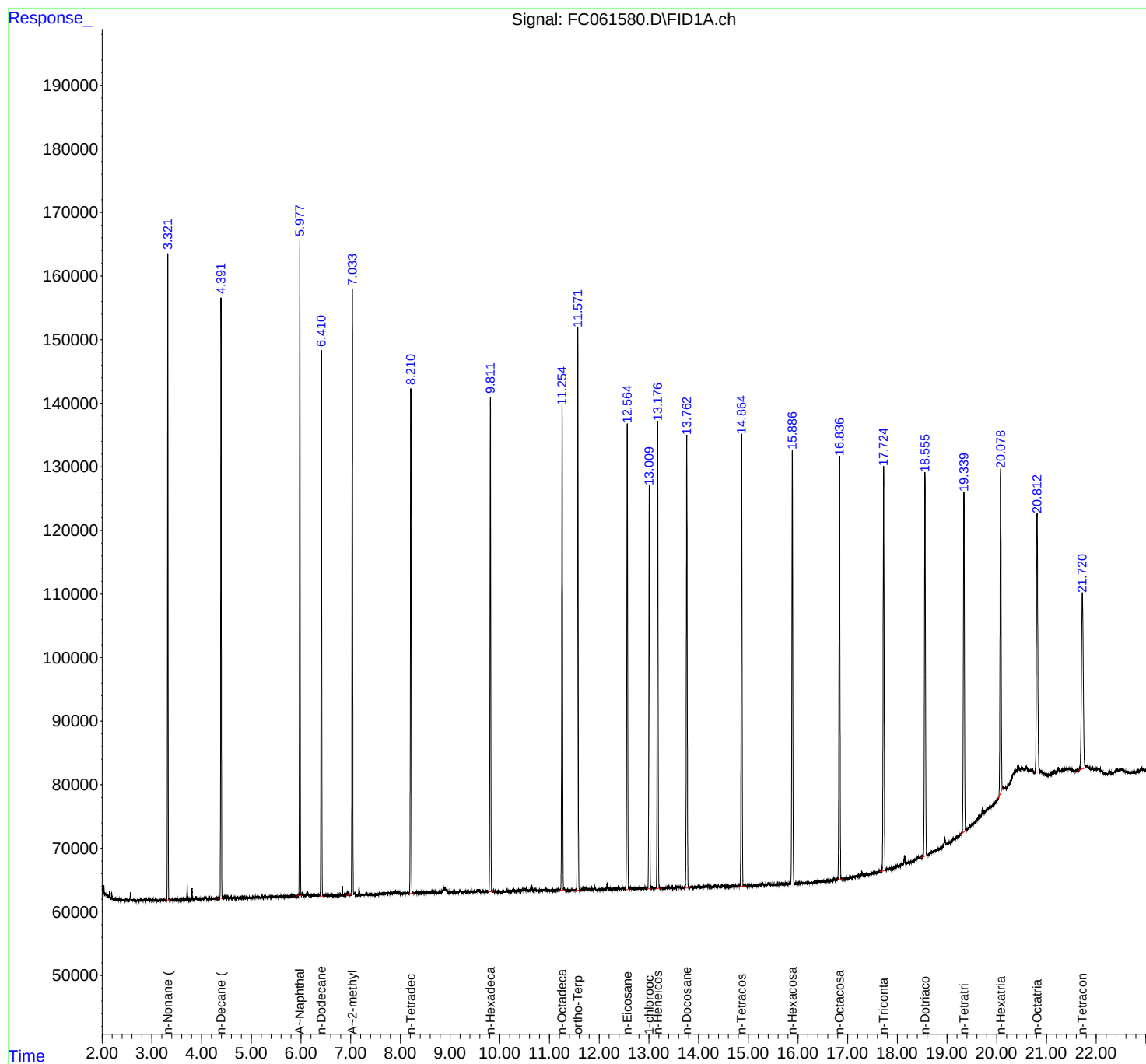
(m)=manual int.

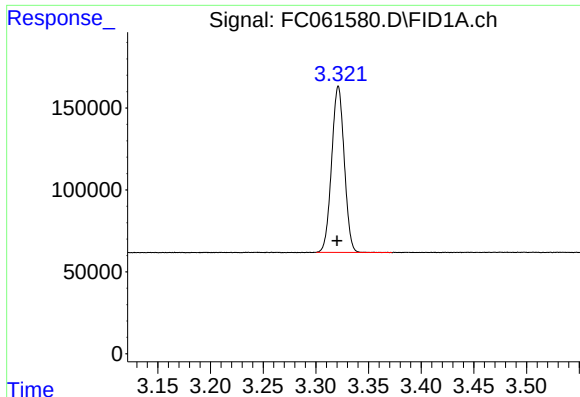
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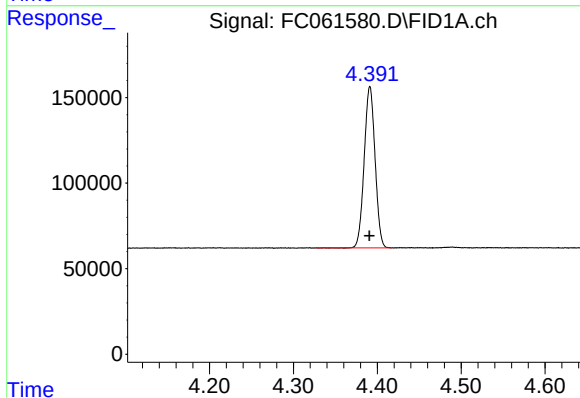




#1 n-Nonane (C9)

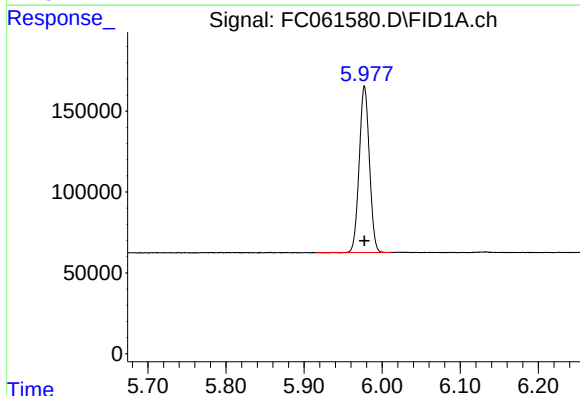
R.T.: 3.321 min
Delta R.T.: 0.001 min
Response: 845781
Conc: 5.86 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



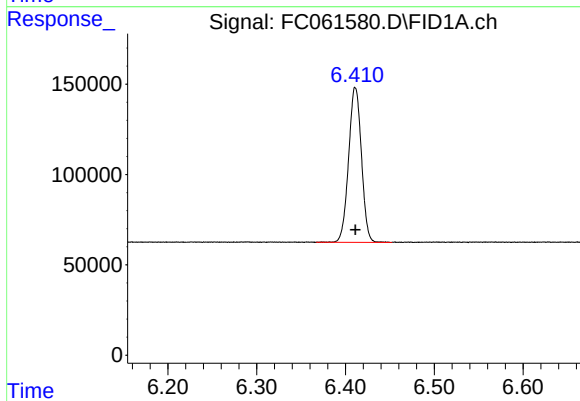
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: 0.000 min
Response: 850262
Conc: 5.82 ug/ml



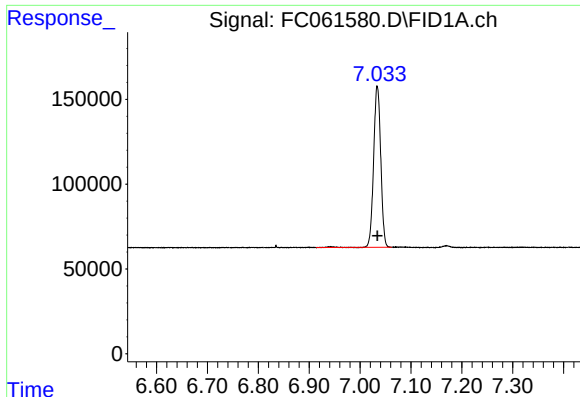
#3 A~Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 935436
Conc: 5.83 ug/ml



#4 n-Dodecane (C12)

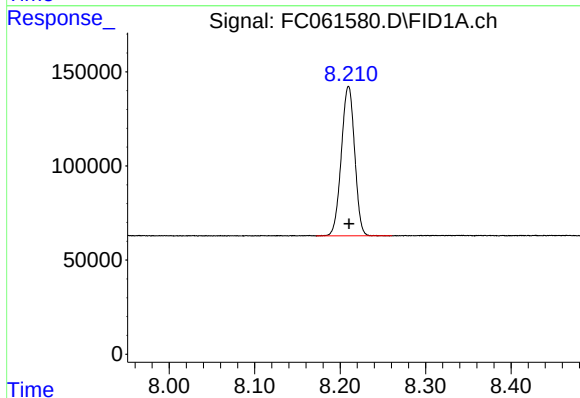
R.T.: 6.411 min
Delta R.T.: 0.000 min
Response: 861132
Conc: 5.86 ug/ml



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

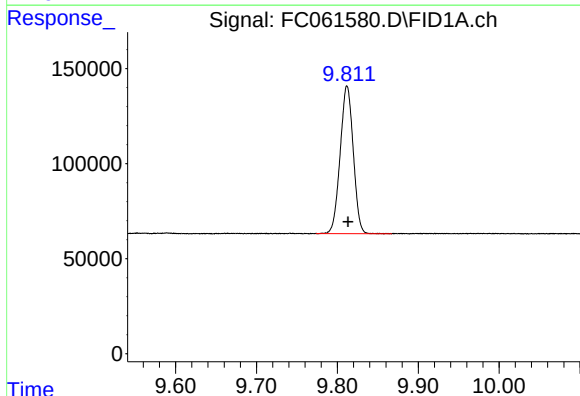
R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 927097
Conc: 5.82 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



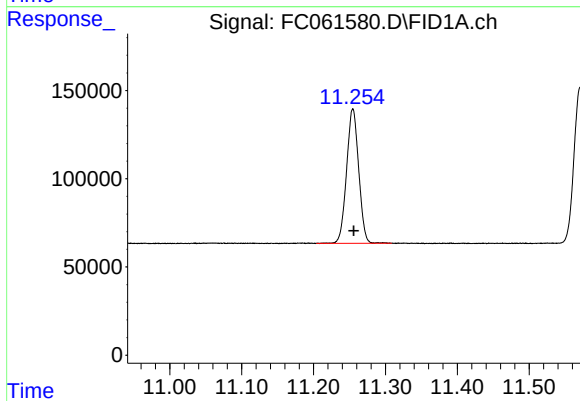
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 860456
Conc: 5.83 ug/ml



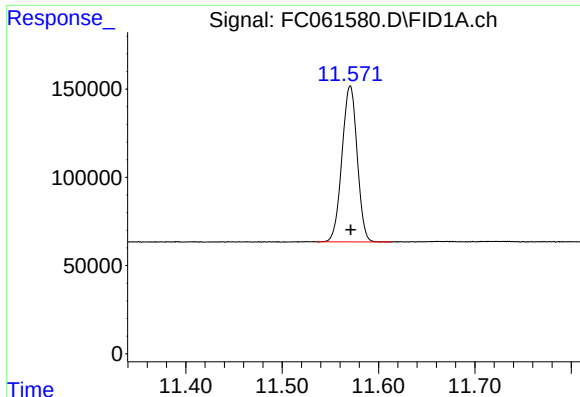
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: -0.001 min
Response: 871729
Conc: 5.82 ug/ml



#8 n-Octadecane (C18)

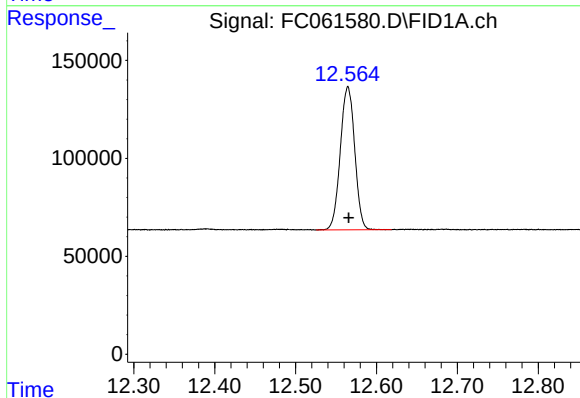
R.T.: 11.255 min
Delta R.T.: -0.001 min
Response: 891287
Conc: 5.84 ug/ml



#9 ortho-Terphenyl (SURR)

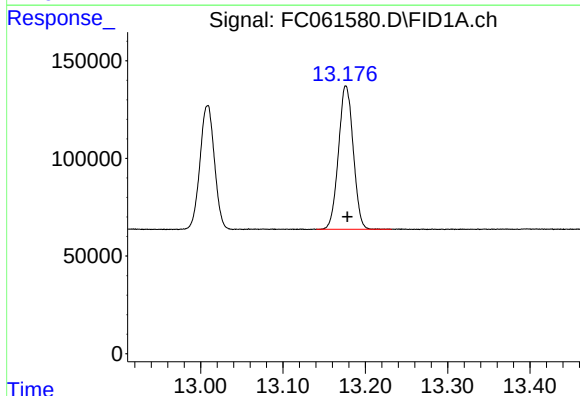
R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 963154
Conc: 5.82 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



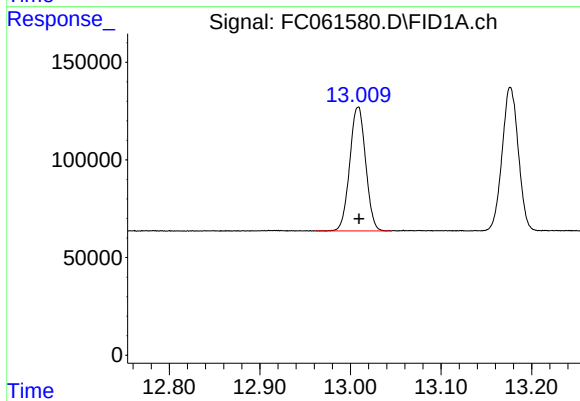
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: -0.001 min
Response: 905271
Conc: 5.88 ug/ml



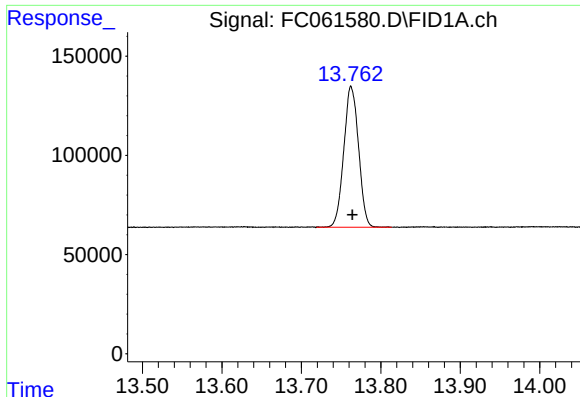
#11 n-Heneicosane (C21)

R.T.: 13.177 min
Delta R.T.: -0.001 min
Response: 912519
Conc: 5.89 ug/ml



#12 1-chlorooctadecane (SURR)

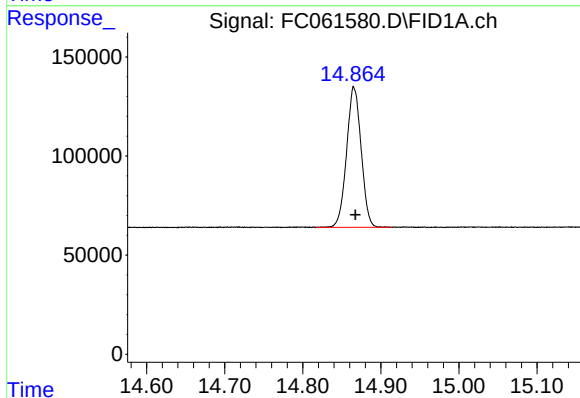
R.T.: 13.008 min
Delta R.T.: -0.001 min
Response: 773646
Conc: 5.86 ug/ml



#13 n-Docosane (C22)

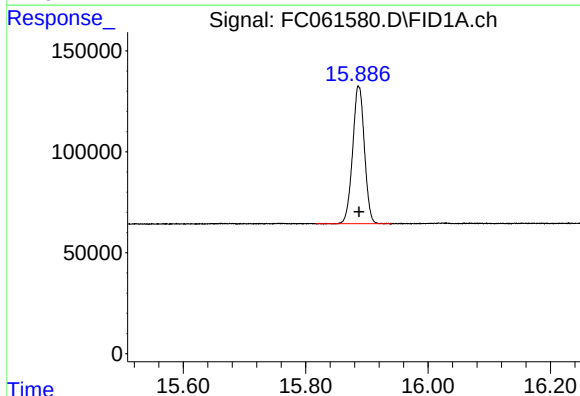
R.T.: 13.763 min
Delta R.T.: -0.001 min
Response: 916548
Conc: 5.91 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



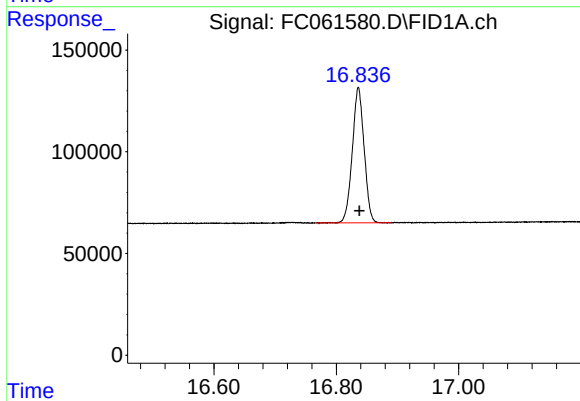
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: -0.002 min
Response: 918581
Conc: 5.95 ug/ml



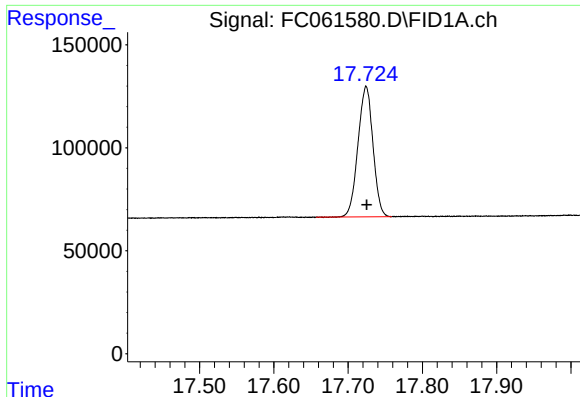
#15 n-Hexacosane (C26)

R.T.: 15.887 min
Delta R.T.: 0.000 min
Response: 910056
Conc: 5.96 ug/ml



#16 n-Octacosane (C28)

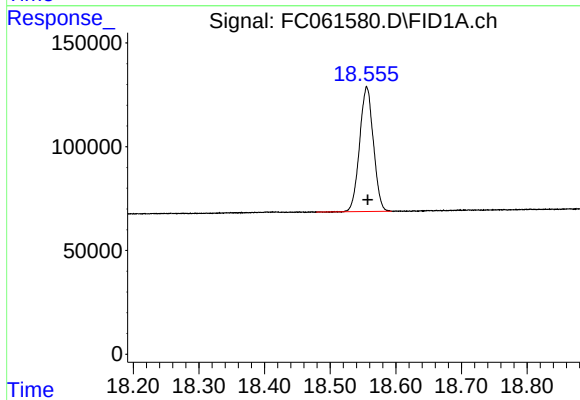
R.T.: 16.836 min
Delta R.T.: -0.002 min
Response: 891399
Conc: 5.98 ug/ml



#17 n-Tricontane (C30)

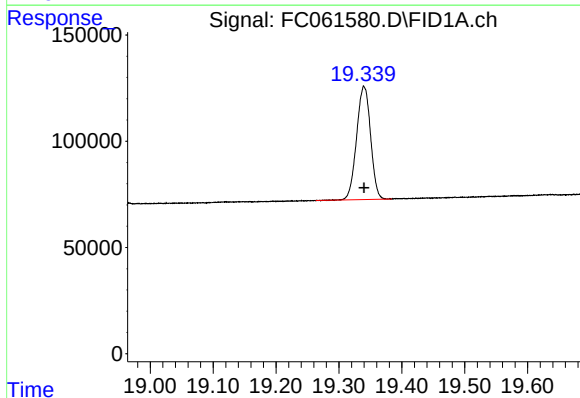
R.T.: 17.724 min
Delta R.T.: 0.000 min
Response: 889325
Conc: 6.01 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



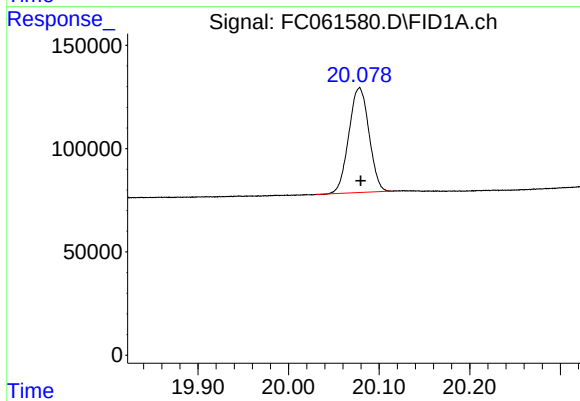
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: -0.001 min
Response: 876250
Conc: 6.04 ug/ml



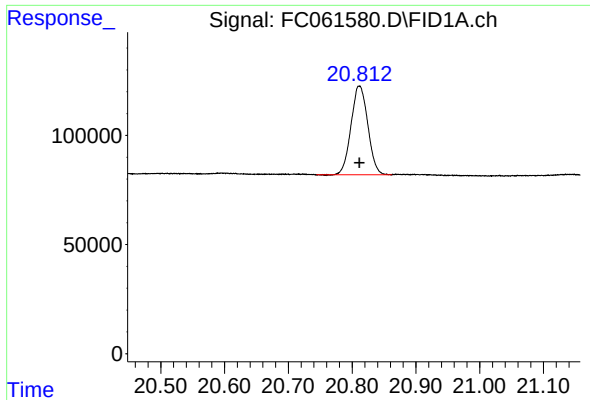
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: 0.000 min
Response: 823159
Conc: 6.05 ug/ml



#20 n-Hexatriacontane (C36)

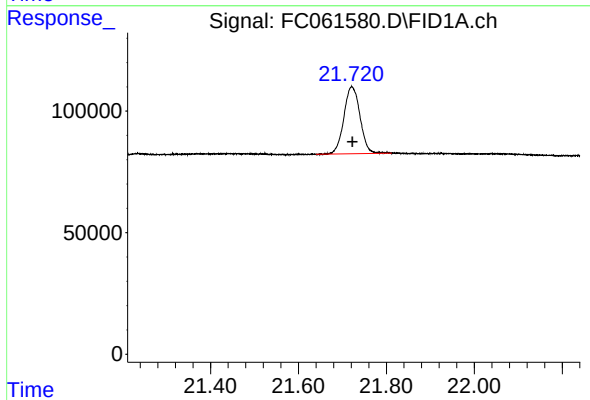
R.T.: 20.078 min
Delta R.T.: -0.001 min
Response: 784739
Conc: 5.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.811 min
Delta R.T.: 0.000 min
Response: 742076
Conc: 5.95 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.721 min
Delta R.T.: -0.001 min
Response: 703958
Conc: 5.99 ug/ml