

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083023AL\
 Data File : FF013453.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2023 10:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 31 03:46:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.892	2864597	20.850 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
12) S 1-chlorooctadecane (S...	13.331	2162523	20.636 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
Target Compounds			
1) T n-Nonane (C9)	3.283	2340406	21.903 ug/ml
2) T n-Decane (C10)	4.535	2377198	22.183 ug/ml
3) T A~Naphthalene (C11.7)	6.234	2617085	22.106 ug/ml
4) T n-Dodecane (C12)	6.699	2410592	22.278 ug/ml
5) T A~2-methylnaphthalene...	7.329	2572838	21.706 ug/ml
6) T n-Tetradecane (C14)	8.526	2401041	22.243 ug/ml
7) T n-Hexadecane (C16)	10.133	2447559	22.579 ug/ml
8) T n-Octadecane (C18)	11.577	2452696	22.399 ug/ml
10) T n-Eicosane (C20)	12.887	2383648	21.722 ug/ml
11) T n-Heneicosane (C21)	13.498	2351185	21.400 ug/ml
13) T n-Docosane (C22)	14.085	2323169	21.160 ug/ml
14) T n-Tetracosane (C24)	15.189	2279637	20.749 ug/ml
15) T n-Hexacosane (C26)	16.211	2216674	20.282 ug/ml
16) T n-Octacosane (C28)	17.160	2156897	19.976 ug/ml
17) T n-Tricontane (C30)	18.046	2180801	19.942 ug/ml
18) T n-Dotriacontane (C32)	18.879	2188183	19.372 ug/ml
19) T n-Tetratriacontane (C34)	19.661	2139627	20.143 ug/ml
20) T n-Hexatriacontane (C36)	20.401	2163122	20.523 ug/ml
21) T n-Octatriacontane (C38)	21.131	2207778	21.859 ug/ml
22) T n-Tetracontane (C40)	22.030	2327213	23.415 ug/ml

(f)=RT Delta > 1/2 Window

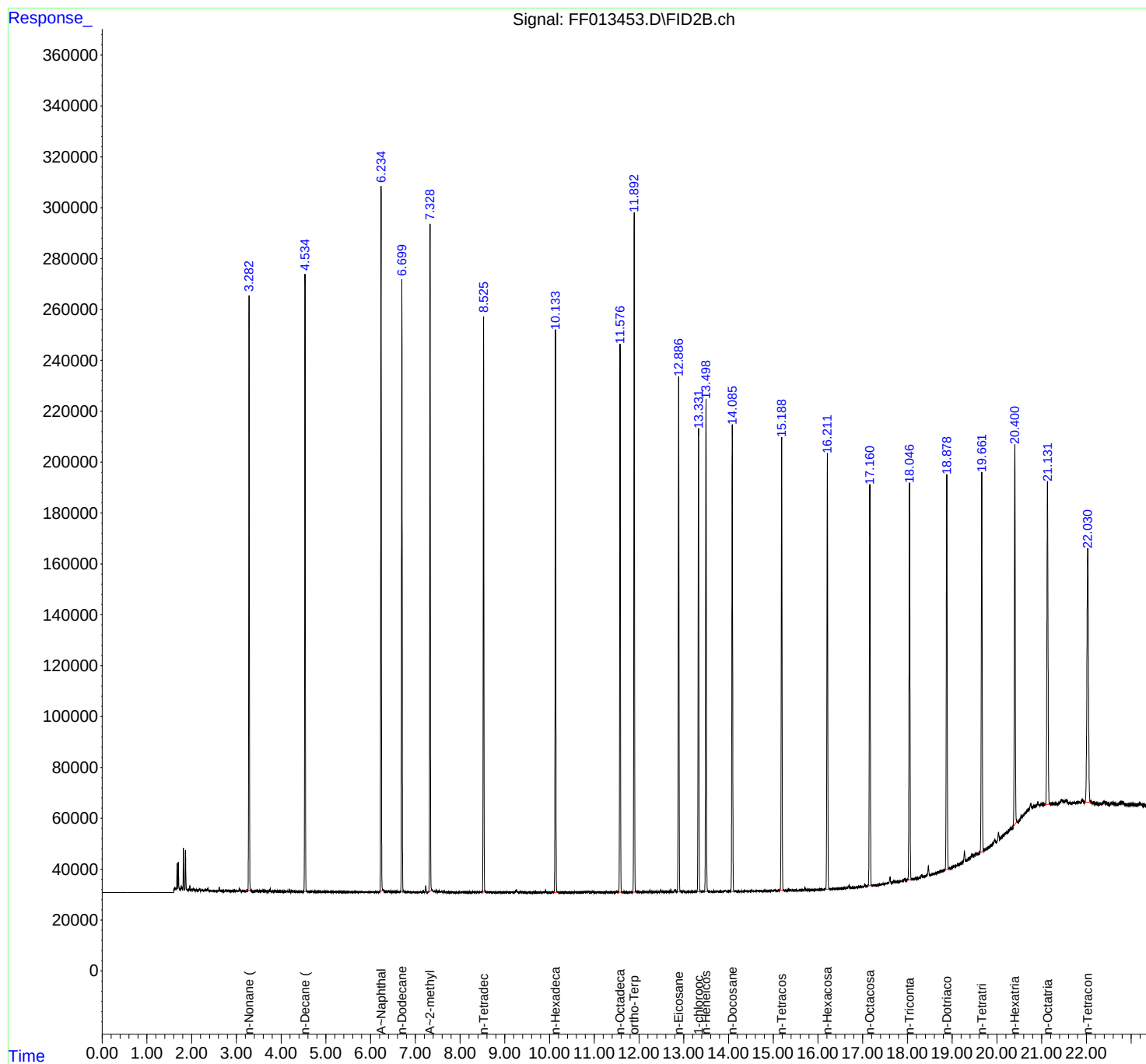
(m)=manual int.

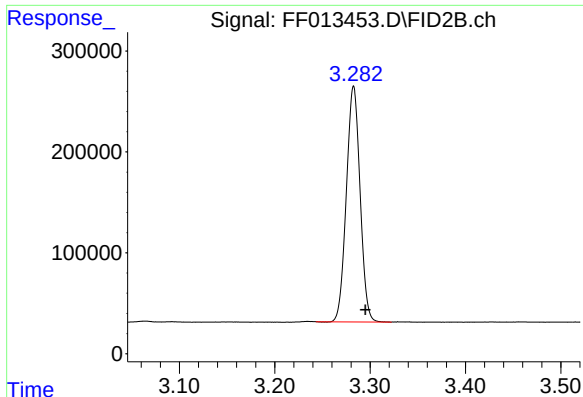
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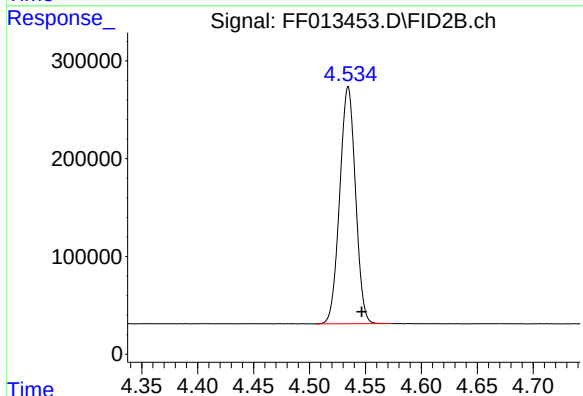




#1 n-Nonane (C9)

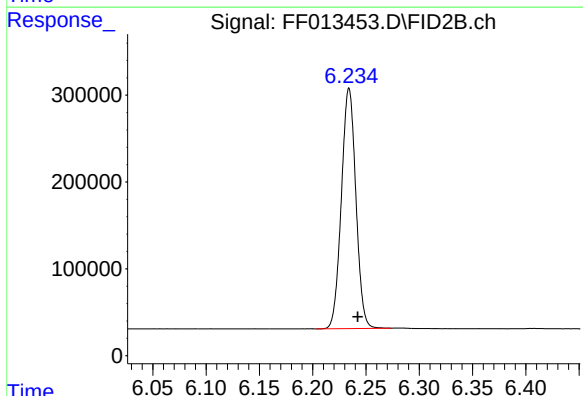
R.T.: 3.283 min
Delta R.T.: -0.012 min
Response: 2340406
Conc: 21.90 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



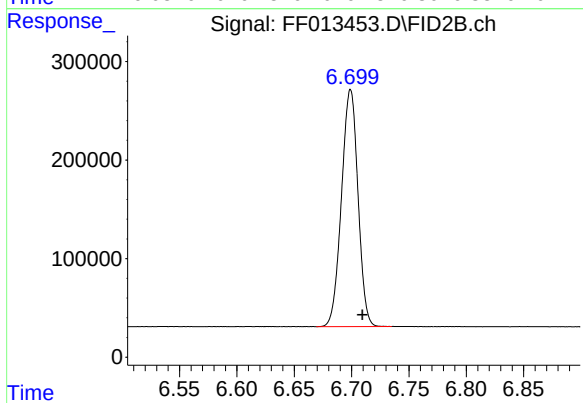
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.012 min
Response: 2377198
Conc: 22.18 ug/ml



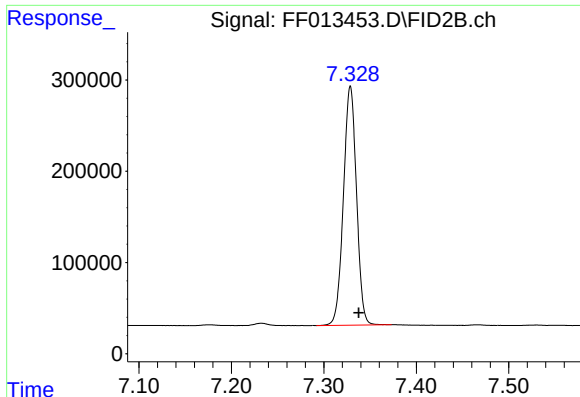
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.008 min
Response: 2617085
Conc: 22.11 ug/ml



#4 n-Dodecane (C12)

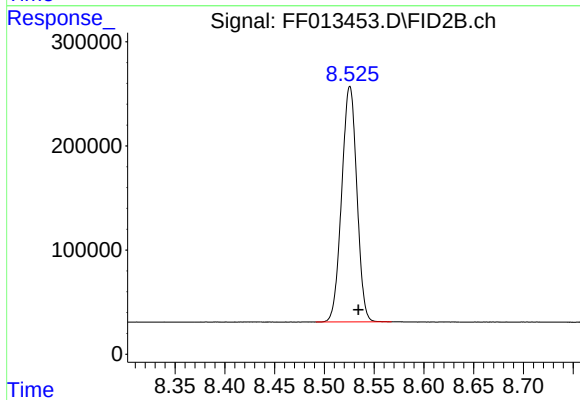
R.T.: 6.699 min
Delta R.T.: -0.010 min
Response: 2410592
Conc: 22.28 ug/ml



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

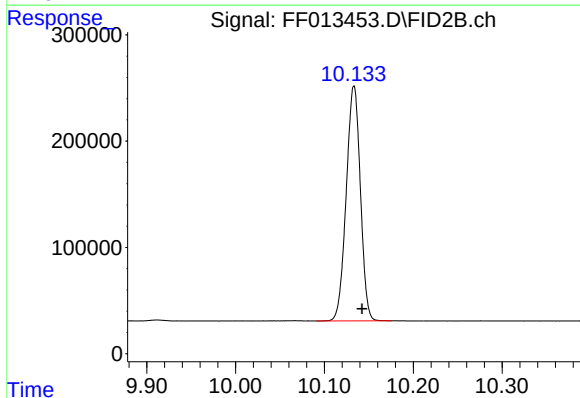
R.T.: 7.329 min
Delta R.T.: -0.009 min
Response: 2572838
Conc: 21.71 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



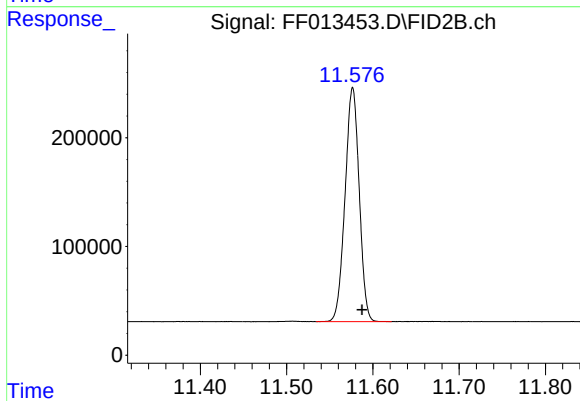
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.009 min
Response: 2401041
Conc: 22.24 ug/ml



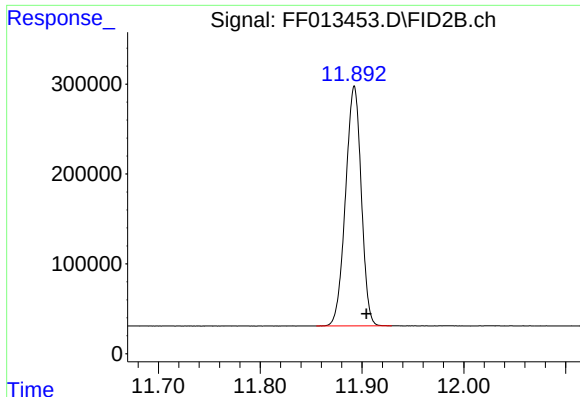
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.009 min
Response: 2447559
Conc: 22.58 ug/ml



#8 n-Octadecane (C18)

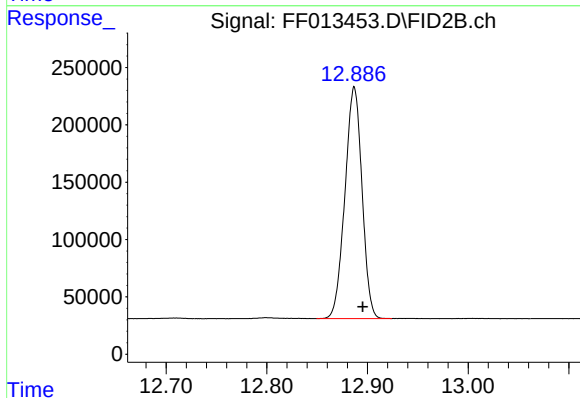
R.T.: 11.577 min
Delta R.T.: -0.011 min
Response: 2452696
Conc: 22.40 ug/ml



#9 ortho-Terphenyl (SURR)

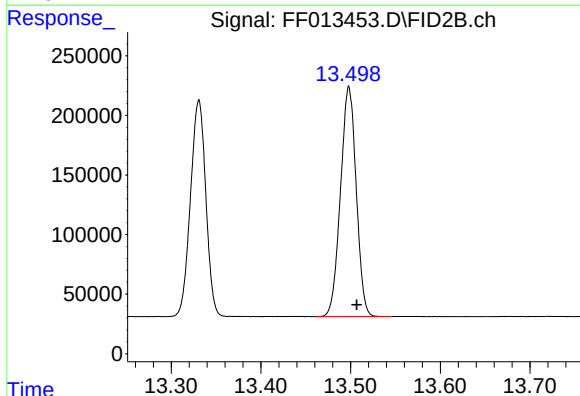
R.T.: 11.892 min
Delta R.T.: -0.012 min
Response: 2864597
Conc: 20.85 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



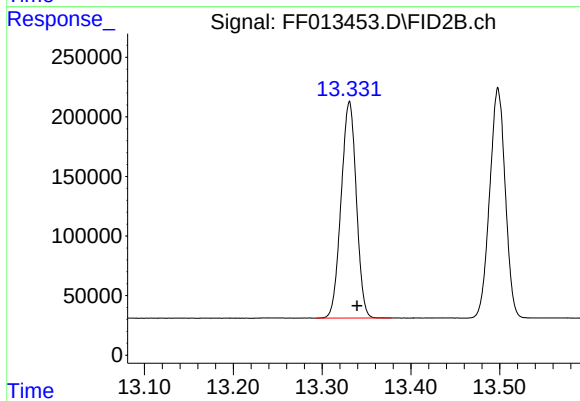
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.008 min
Response: 2383648
Conc: 21.72 ug/ml



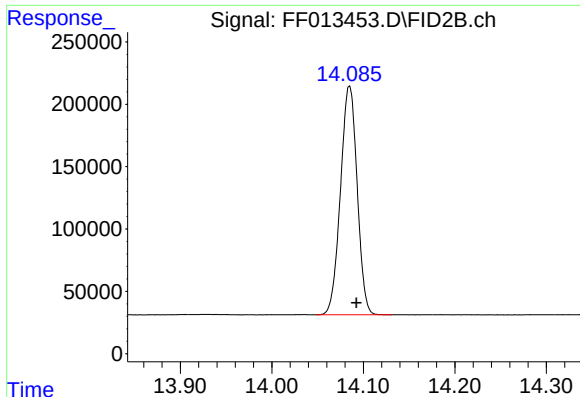
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.009 min
Response: 2351185
Conc: 21.40 ug/ml



#12 1-chlorooctadecane (SURR)

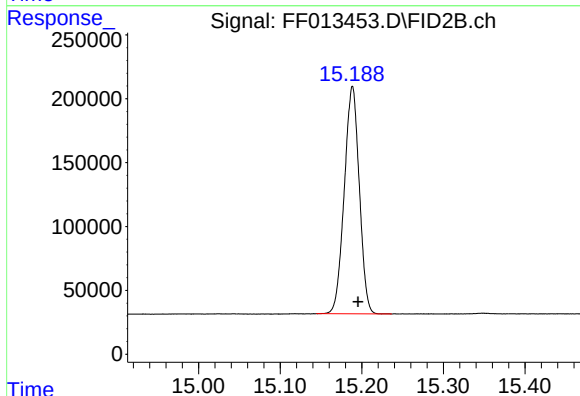
R.T.: 13.331 min
Delta R.T.: -0.008 min
Response: 2162523
Conc: 20.64 ug/ml



#13 n-Docosane (C22)

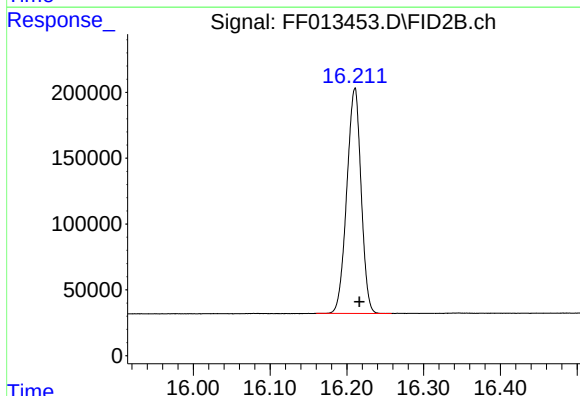
R.T.: 14.085 min
Delta R.T.: -0.008 min
Response: 2323169
Conc: 21.16 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



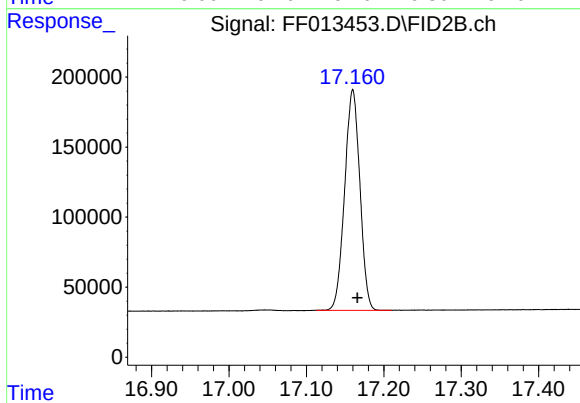
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.007 min
Response: 2279637
Conc: 20.75 ug/ml



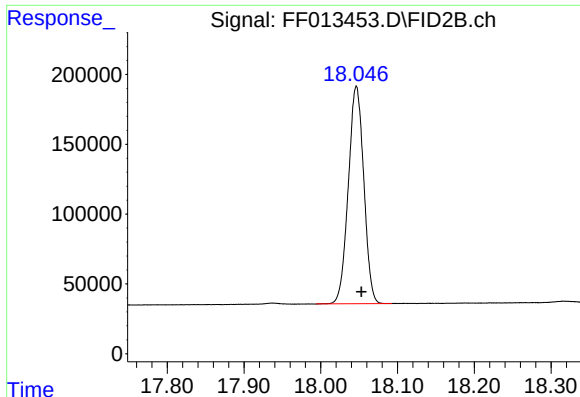
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: -0.006 min
Response: 2216674
Conc: 20.28 ug/ml



#16 n-Octacosane (C28)

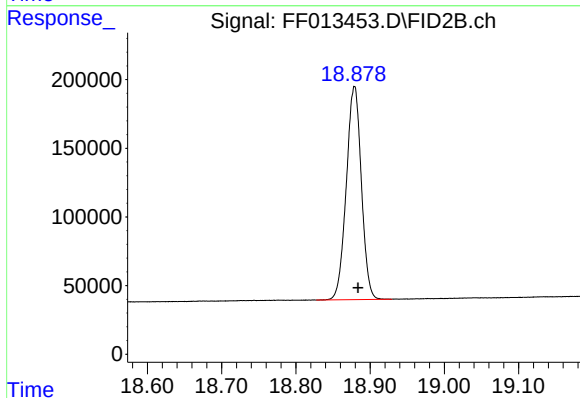
R.T.: 17.160 min
Delta R.T.: -0.006 min
Response: 2156897
Conc: 19.98 ug/ml



#17 n-Tricontane (C30)

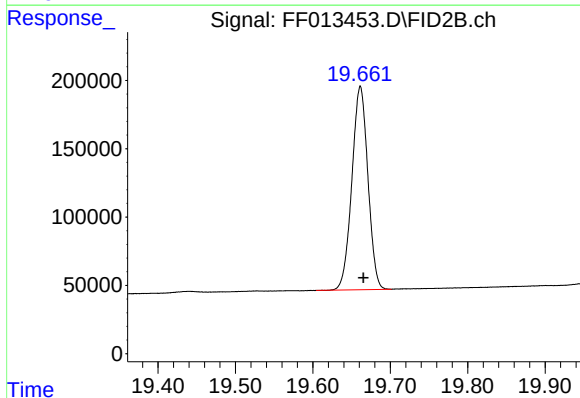
R.T.: 18.046 min
Delta R.T.: -0.007 min
Response: 2180801
Conc: 19.94 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



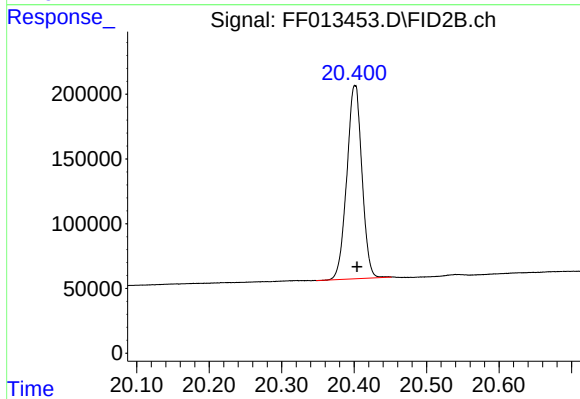
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.005 min
Response: 2188183
Conc: 19.37 ug/ml



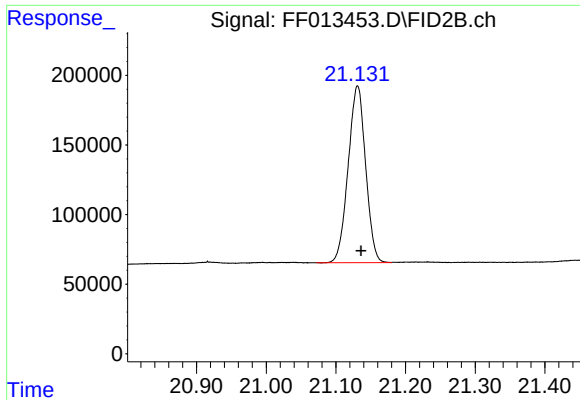
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.004 min
Response: 2139627
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

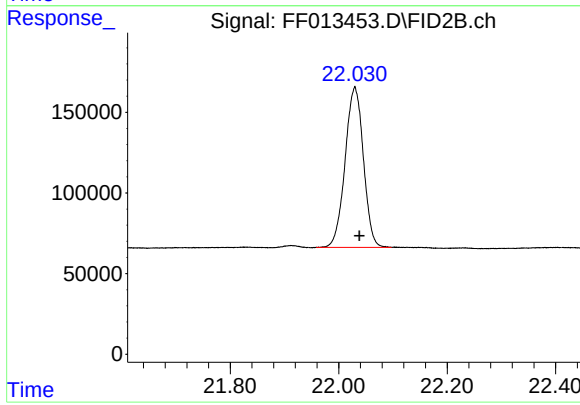
R.T.: 20.401 min
Delta R.T.: -0.003 min
Response: 2163122
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.131 min
Delta R.T.: -0.005 min
Response: 2207778
Conc: 21.86 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.030 min
Delta R.T.: -0.008 min
Response: 2327213
Conc: 23.41 ug/ml