

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021224AL\
 Data File : FF014011.D
 Signal(s) : FID2B.ch
 Acq On : 12 Feb 2024 15:52
 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: Feb 12 16:35:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 021224.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 12 16:34:53 2024
 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)	11.857	749161	5.150 ug/ml
Spiked Amount 50.000		Recovery =	10.30%
12) S 1-chlorooctadecane (S...	13.298	535283	4.960 ug/ml
Spiked Amount 50.000		Recovery =	9.92%
Target Compounds			
1) T n-Nonane (C9)	3.259	646131	5.218 ug/ml
2) T n-Decane (C10)	4.507	652825	5.166 ug/ml
3) T A~Naphthalene (C11.7)	6.203	667247	4.952 ug/ml
4) T n-Dodecane (C12)	6.669	656174	5.128 ug/ml
5) T A~2-methylnaphthalene...	7.297	611626	4.768 ug/ml
6) T n-Tetradecane (C14)	8.494	638941	5.044 ug/ml
7) T n-Hexadecane (C16)	10.101	666425	5.039 ug/ml
8) T n-Octadecane (C18)	11.544	692177	5.084 ug/ml
10) T n-Eicosane (C20)	12.854	676040	5.107 ug/ml
11) T n-Heneicosane (C21)	13.466	667644	5.110 ug/ml
13) T n-Docosane (C22)	14.053	657661	5.071 ug/ml
14) T n-Tetracosane (C24)	15.157	652165	5.079 ug/ml
15) T n-Hexacosane (C26)	16.180	629057	5.059 ug/ml
16) T n-Octacosane (C28)	17.131	602890	5.064 ug/ml
17) T n-Tricontane (C30)	18.020	601593	5.118 ug/ml
18) T n-Dotriacontane (C32)	18.854	590992	5.220 ug/ml
19) T n-Tetratriacontane (C34)	19.638	553492	5.162 ug/ml
20) T n-Hexatriacontane (C36)	20.377	504015	5.008 ug/ml
21) T n-Octatriacontane (C38)	21.105	555301	5.337 ug/ml
22) T n-Tetracontane (C40)	21.992	571849	5.682 ug/ml

(f)=RT Delta > 1/2 Window

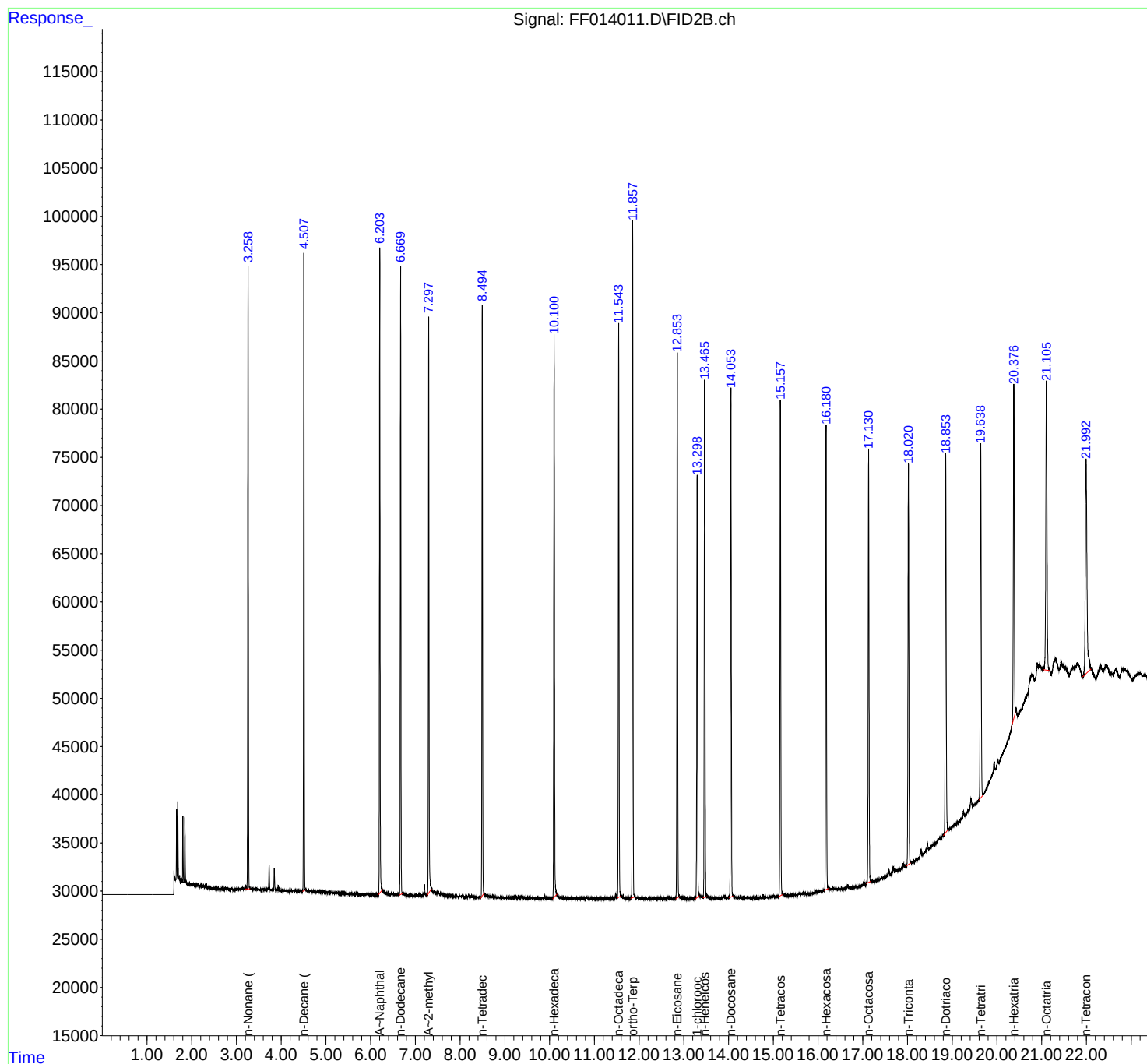
(m)=manual int.

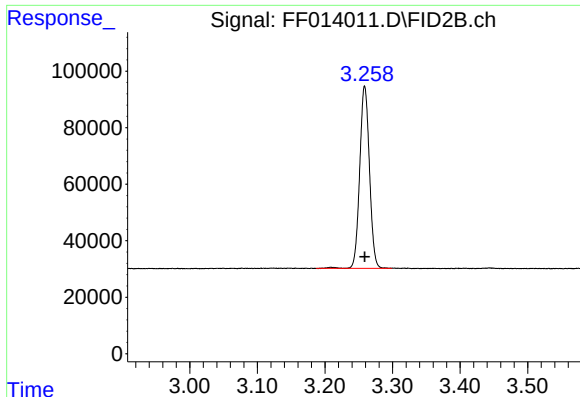
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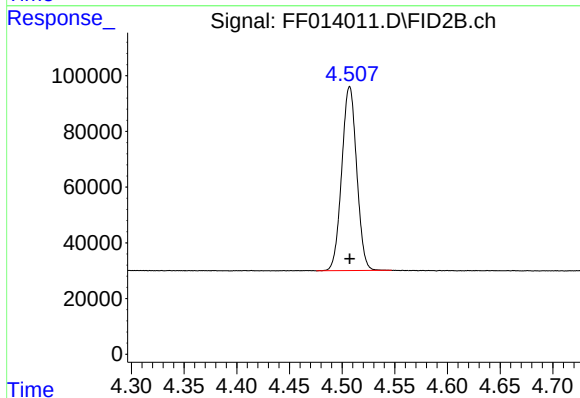




#1 n-Nonane (C9)

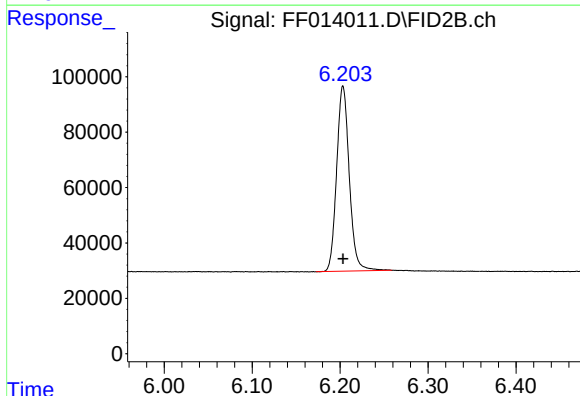
R.T.: 3.259 min
Delta R.T.: 0.000 min
Response: 646131
Conc: 5.22 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



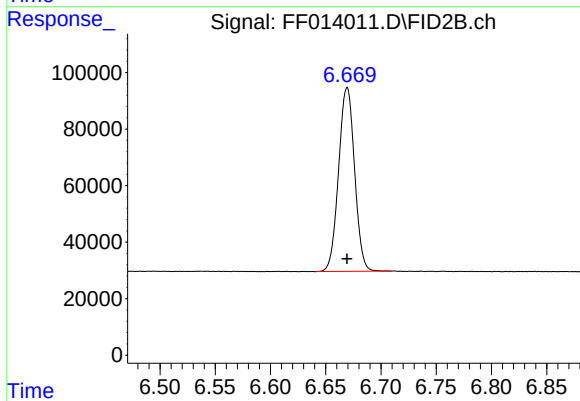
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 652825
Conc: 5.17 ug/ml



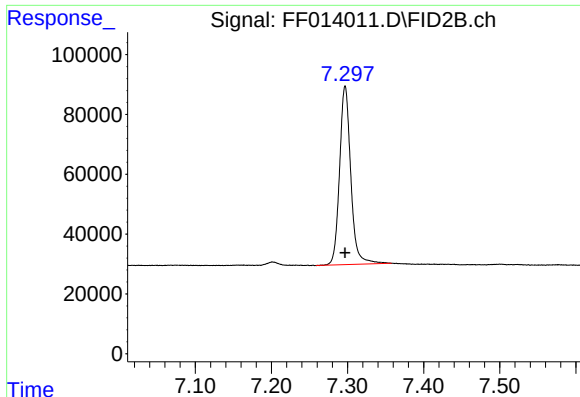
#3 A~Naphthalene (C11.7)

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 667247
Conc: 4.95 ug/ml



#4 n-Dodecane (C12)

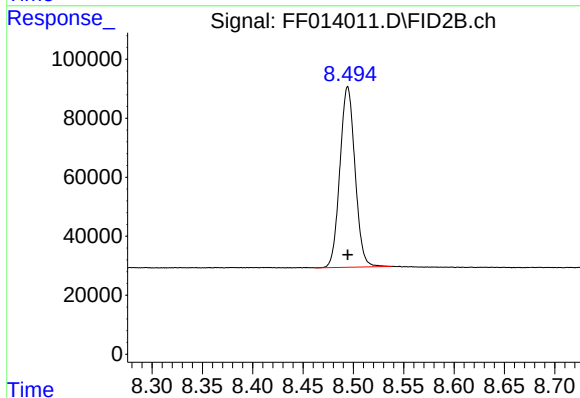
R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 656174
Conc: 5.13 ug/ml



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

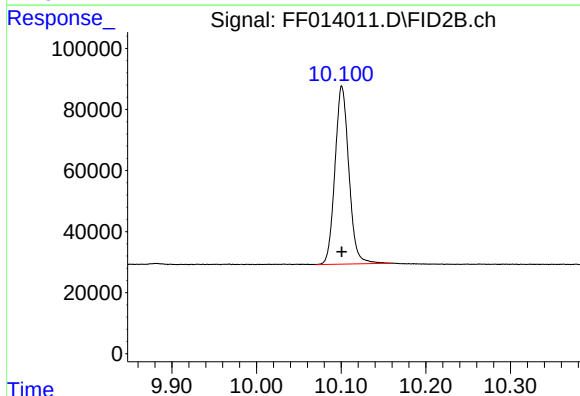
R.T.: 7.297 min
Delta R.T.: 0.000 min
Response: 611626
Conc: 4.77 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



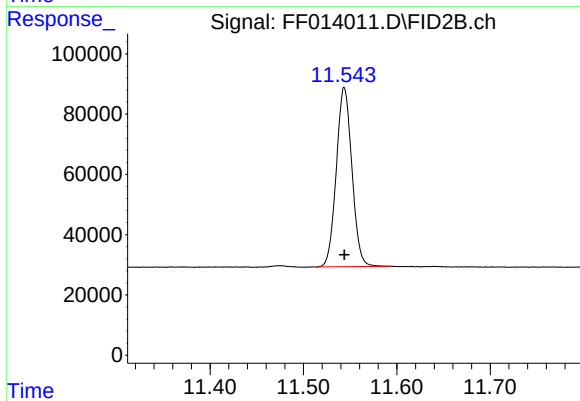
#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 638941
Conc: 5.04 ug/ml



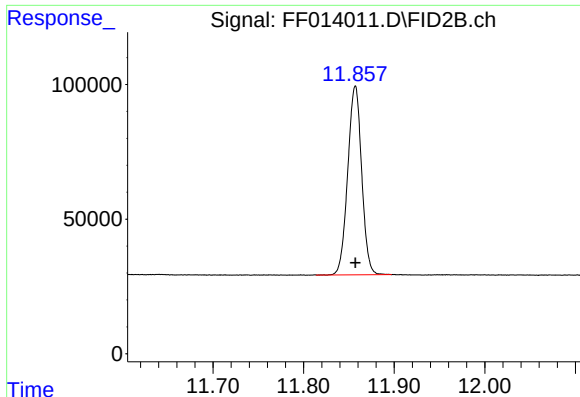
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: 0.000 min
Response: 666425
Conc: 5.04 ug/ml



#8 n-Octadecane (C18)

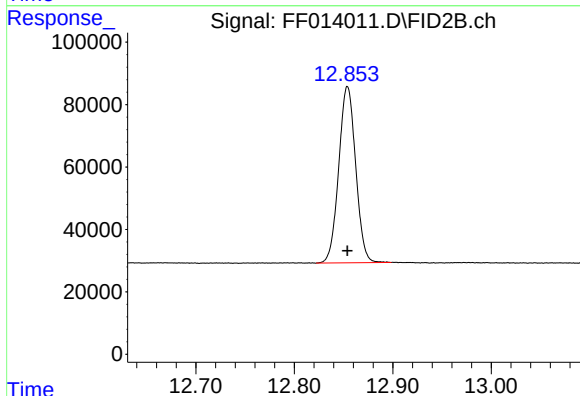
R.T.: 11.544 min
Delta R.T.: 0.000 min
Response: 692177
Conc: 5.08 ug/ml



#9 ortho-Terphenyl (SURR)

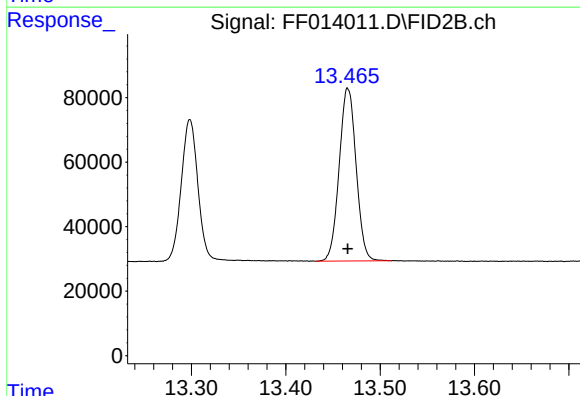
R.T.: 11.857 min
Delta R.T.: 0.000 min
Response: 749161
Conc: 5.15 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



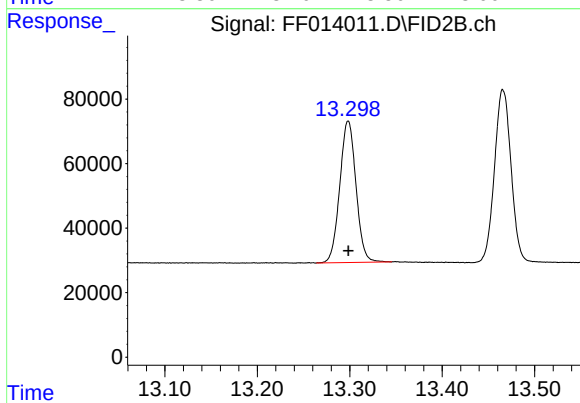
#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: 0.000 min
Response: 676040
Conc: 5.11 ug/ml



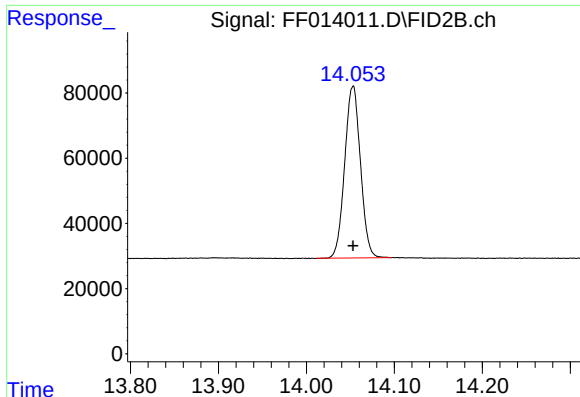
#11 n-Heneicosane (C21)

R.T.: 13.466 min
Delta R.T.: 0.000 min
Response: 667644
Conc: 5.11 ug/ml



#12 1-chlorooctadecane (SURR)

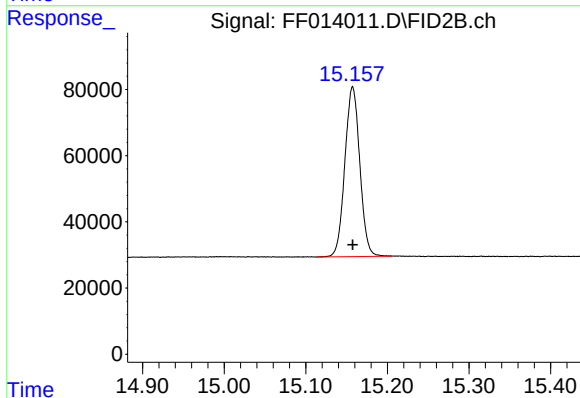
R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 535283
Conc: 4.96 ug/ml



#13 n-Docosane (C22)

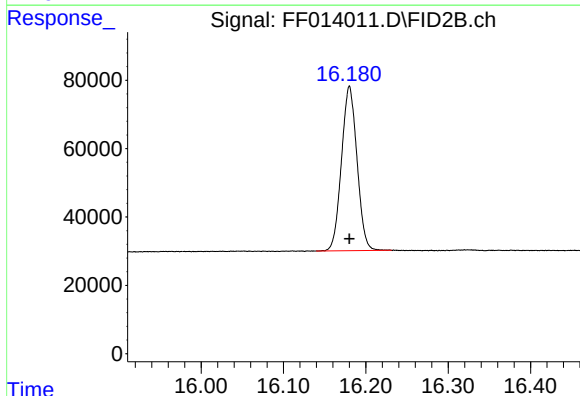
R.T.: 14.053 min
Delta R.T.: 0.000 min
Response: 657661
Conc: 5.07 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



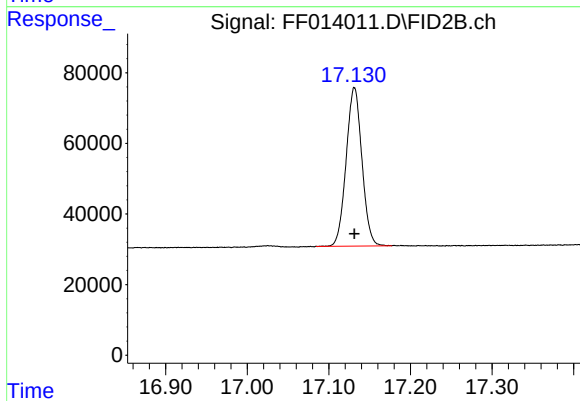
#14 n-Tetracosane (C24)

R.T.: 15.157 min
Delta R.T.: 0.000 min
Response: 652165
Conc: 5.08 ug/ml



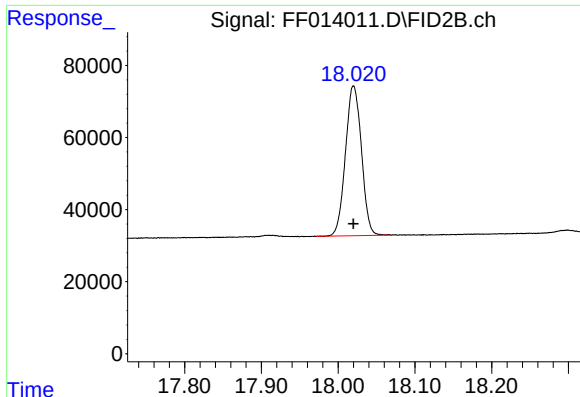
#15 n-Hexacosane (C26)

R.T.: 16.180 min
Delta R.T.: 0.000 min
Response: 629057
Conc: 5.06 ug/ml



#16 n-Octacosane (C28)

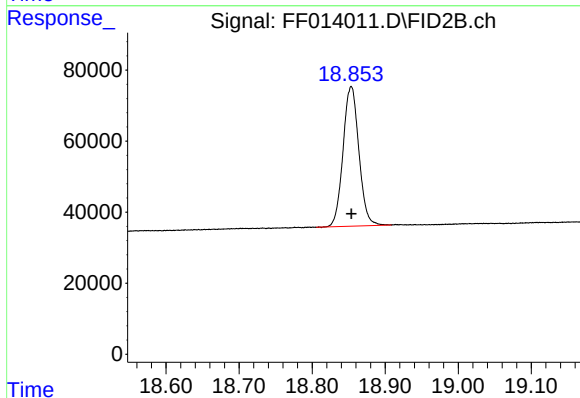
R.T.: 17.131 min
Delta R.T.: 0.000 min
Response: 602890
Conc: 5.06 ug/ml



#17 n-Tricontane (C30)

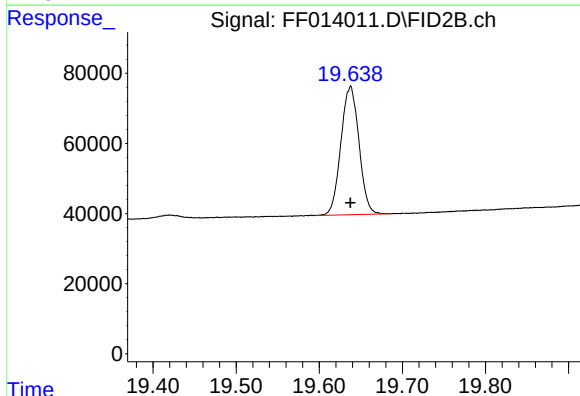
R.T.: 18.020 min
Delta R.T.: 0.000 min
Response: 601593
Conc: 5.12 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



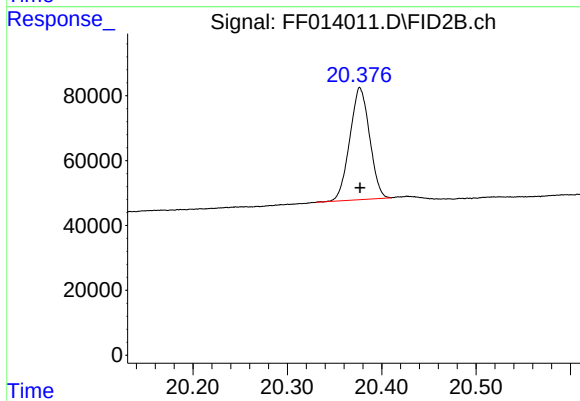
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: 0.000 min
Response: 590992
Conc: 5.22 ug/ml



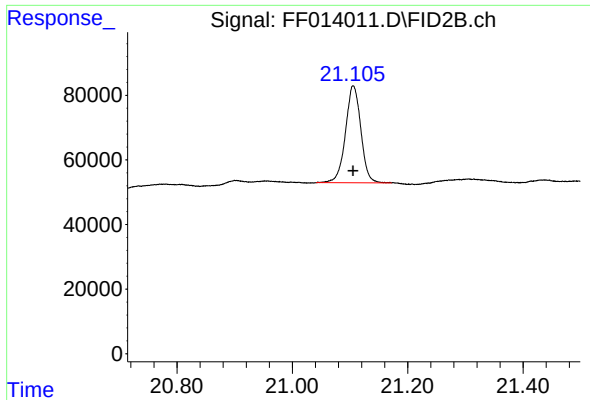
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: 0.000 min
Response: 553492
Conc: 5.16 ug/ml



#20 n-Hexatriacontane (C36)

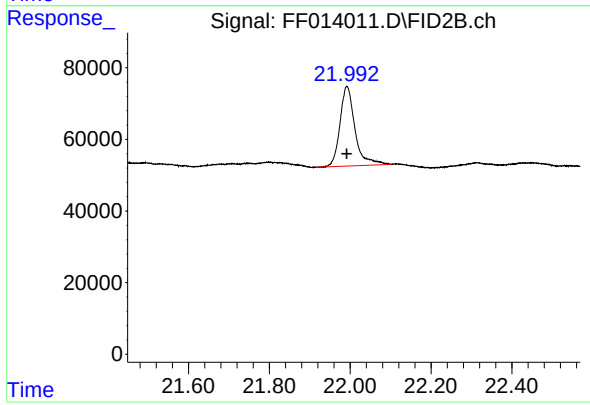
R.T.: 20.377 min
Delta R.T.: 0.000 min
Response: 504015
Conc: 5.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: 0.000 min
Response: 555301
Conc: 5.34 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: 0.000 min
Response: 571849
Conc: 5.68 ug/ml