

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082222AL\
 Data File : FF011289.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2022 20:40
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 23 03:03:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 02:53:32 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)	10.694	716332	5.351 ug/ml
Spiked Amount 50.000		Recovery =	10.70%
12) S 1-chlorooctadecane (S...	12.138	539530	5.205 ug/ml
Spiked Amount 50.000		Recovery =	10.41%
Target Compounds			
1) T n-Nonane (C9)	2.598	667597	5.339 ug/ml
2) T n-Decane (C10)	3.592	657401	5.289 ug/ml
3) T A~Naphthalene (C11.7)	5.137	669030	5.058 ug/ml
4) T n-Dodecane (C12)	5.570	668974	5.313 ug/ml
5) T A~2-methylnaphthalene...	6.182	618587	4.808 ug/ml
6) T n-Tetradecane (C14)	7.356	659936	5.268 ug/ml
7) T n-Hexadecane (C16)	8.952	648122	5.251 ug/ml
8) T n-Octadecane (C18)	10.389	656661	5.308 ug/ml
10) T n-Eicosane (C20)	11.695	642351	5.342 ug/ml
11) T n-Heneicosane (C21)	12.306	638991	5.349 ug/ml
13) T n-Docosane (C22)	12.892	624169	5.324 ug/ml
14) T n-Tetracosane (C24)	13.993	621779	5.393 ug/ml
15) T n-Hexacosane (C26)	15.012	596146	5.357 ug/ml
16) T n-Octacosane (C28)	15.960	586408	5.368 ug/ml
17) T n-Tricontane (C30)	16.845	557821	5.392 ug/ml
18) T n-Dotriacontane (C32)	17.676	459267	5.429 ug/ml
19) T n-Tetratriacontane (C34)	18.457	332712	5.376 ug/ml
20) T n-Hexatriacontane (C36)	19.194	245647	5.249 ug/mlm
21) T n-Octatriacontane (C38)	19.899	211231	5.256 ug/ml
22) T n-Tetracontane (C40)	20.715	204744	5.345 ug/ml

(f)=RT Delta > 1/2 Window

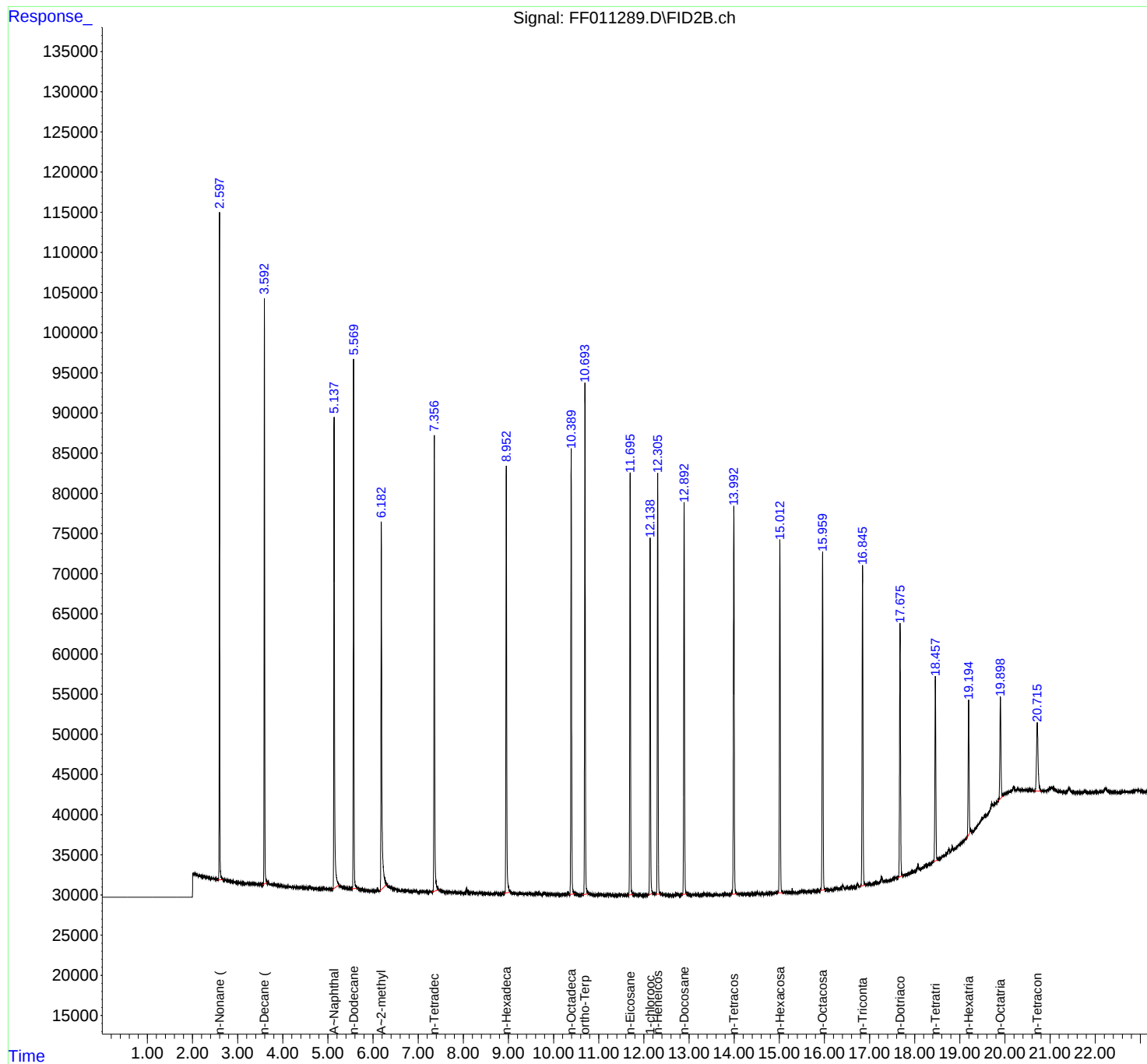
(m)=manual int.

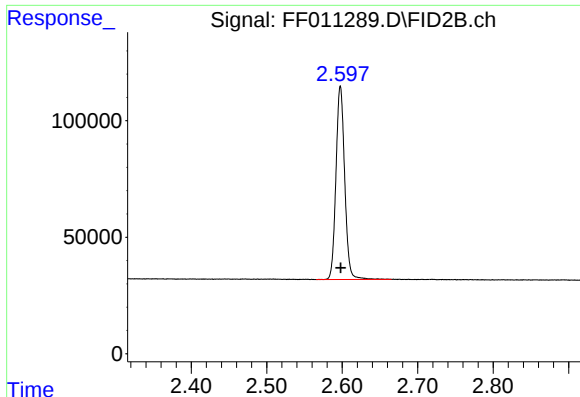
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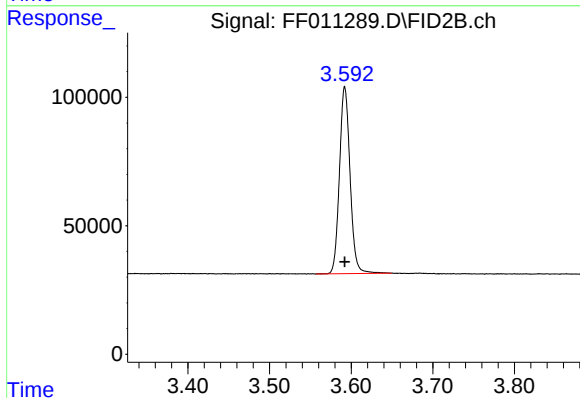




#1 n-Nonane (C9)

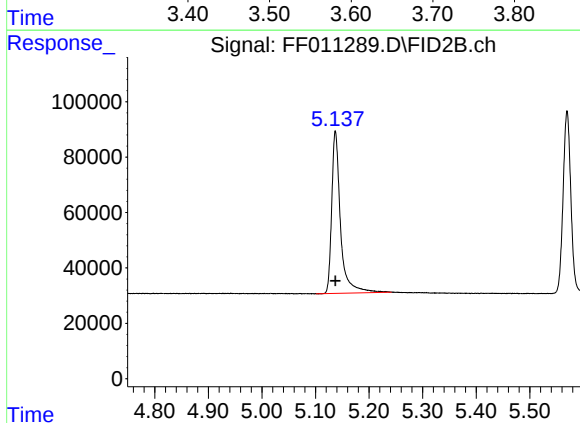
R.T.: 2.598 min
Delta R.T.: 0.000 min
Response: 667597
Conc: 5.34 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



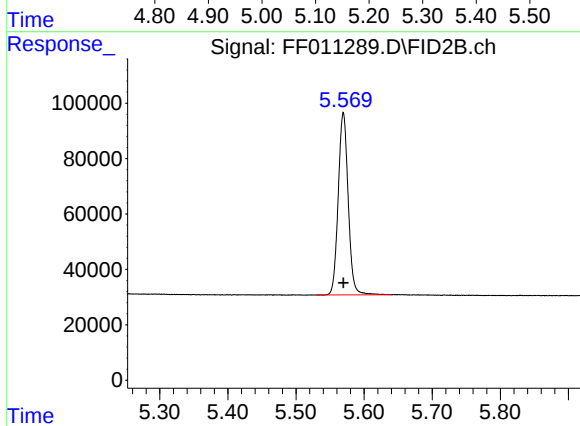
#2 n-Decane (C10)

R.T.: 3.592 min
Delta R.T.: 0.000 min
Response: 657401
Conc: 5.29 ug/ml



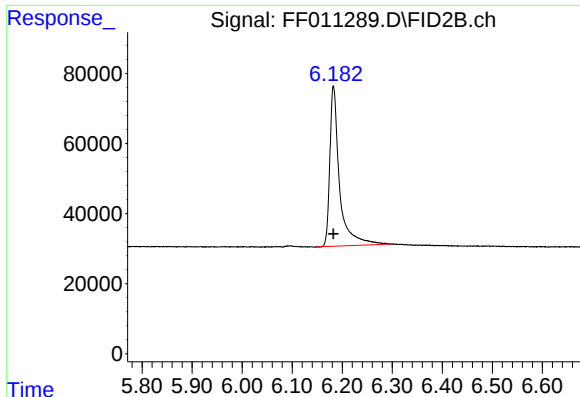
#3 A~Naphthalene (C11.7)

R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 669030
Conc: 5.06 ug/ml



#4 n-Dodecane (C12)

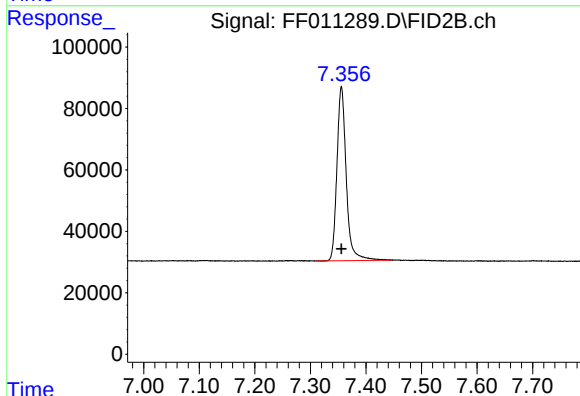
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 668974
Conc: 5.31 ug/ml



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

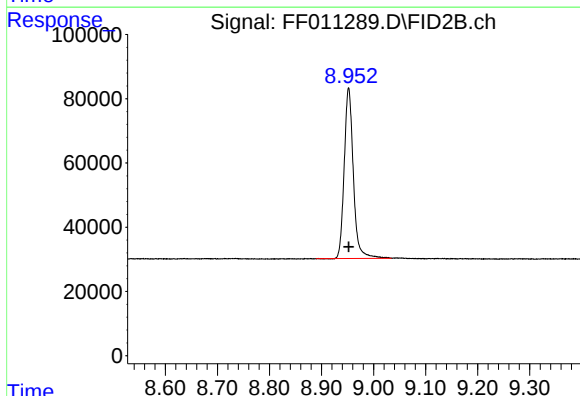
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 618587
Conc: 4.81 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



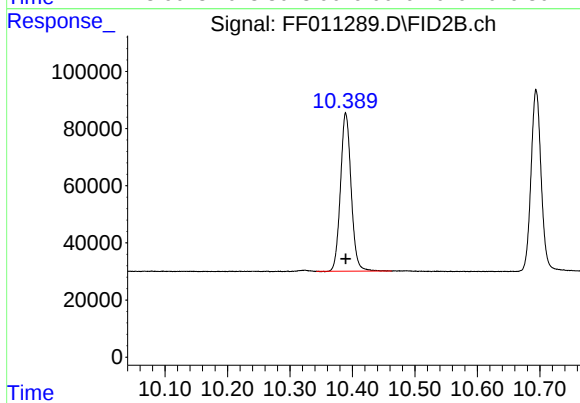
#6 n-Tetradecane (C14)

R.T.: 7.356 min
Delta R.T.: 0.000 min
Response: 659936
Conc: 5.27 ug/ml



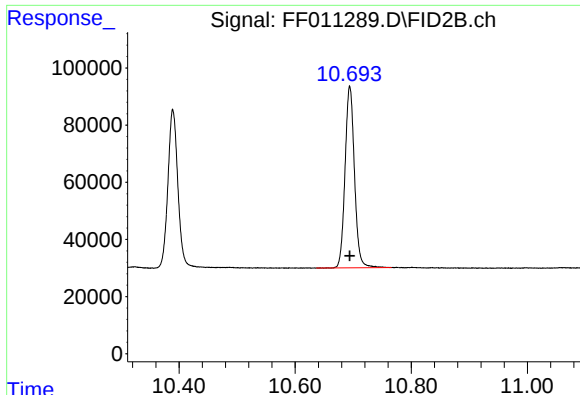
#7 n-Hexadecane (C16)

R.T.: 8.952 min
Delta R.T.: 0.000 min
Response: 648122
Conc: 5.25 ug/ml



#8 n-Octadecane (C18)

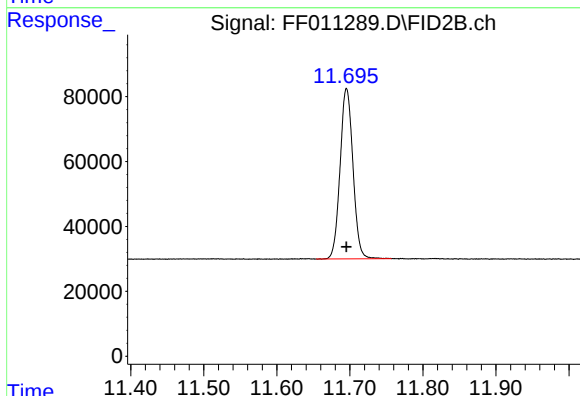
R.T.: 10.389 min
Delta R.T.: 0.000 min
Response: 656661
Conc: 5.31 ug/ml



#9 ortho-Terphenyl (SURR)

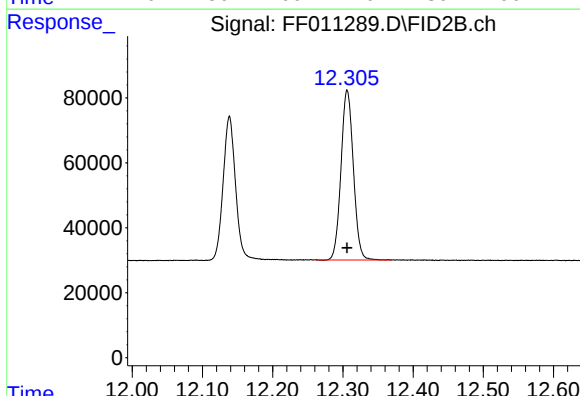
R.T.: 10.694 min
Delta R.T.: 0.000 min
Response: 716332
Conc: 5.35 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



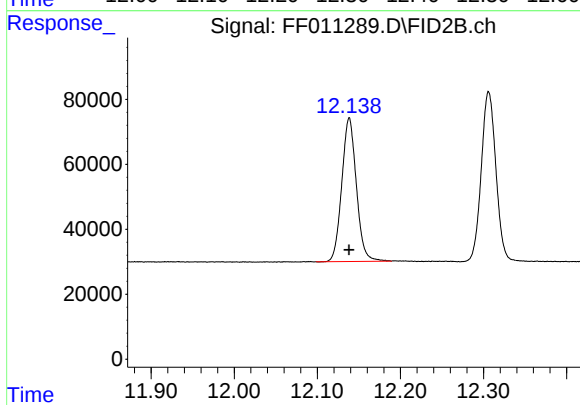
#10 n-Eicosane (C20)

R.T.: 11.695 min
Delta R.T.: 0.000 min
Response: 642351
Conc: 5.34 ug/ml



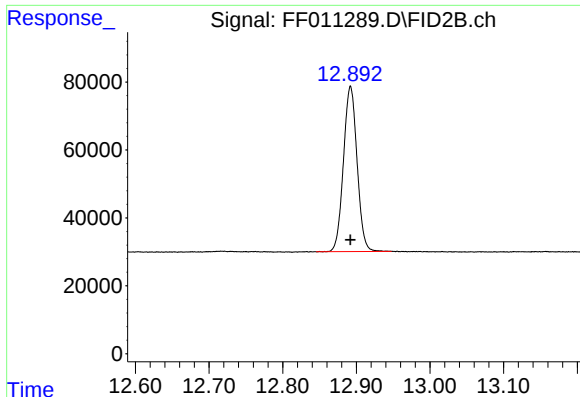
#11 n-Heneicosane (C21)

R.T.: 12.306 min
Delta R.T.: 0.000 min
Response: 638991
Conc: 5.35 ug/ml



#12 1-chlorooctadecane (SURR)

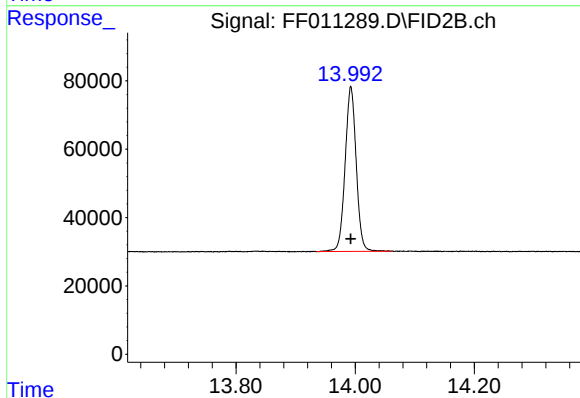
R.T.: 12.138 min
Delta R.T.: 0.000 min
Response: 539530
Conc: 5.20 ug/ml



#13 n-Docosane (C22)

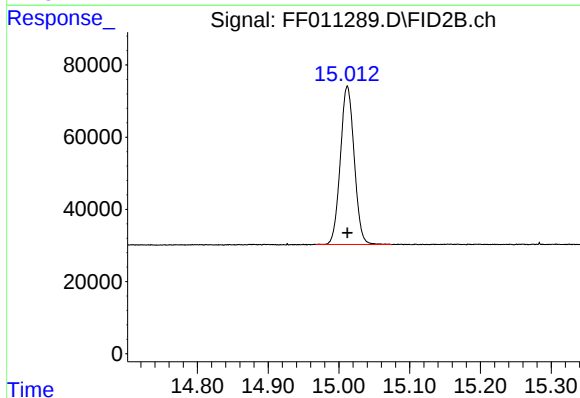
R.T.: 12.892 min
Delta R.T.: 0.000 min
Response: 624169
Conc: 5.32 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



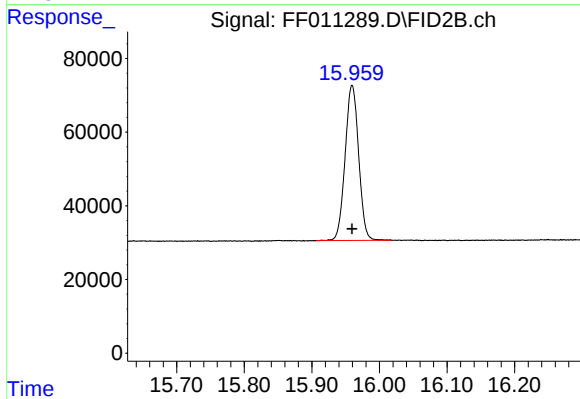
#14 n-Tetracosane (C24)

R.T.: 13.993 min
Delta R.T.: 0.000 min
Response: 621779
Conc: 5.39 ug/ml



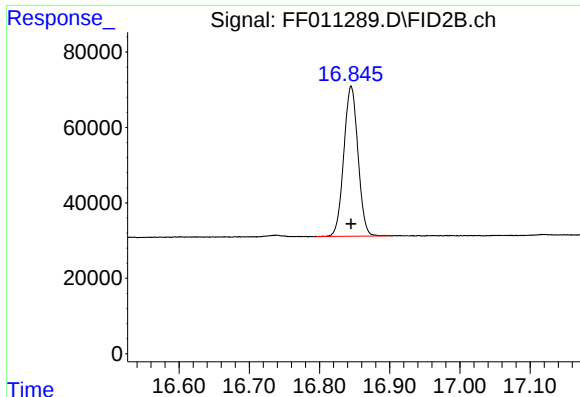
#15 n-Hexacosane (C26)

R.T.: 15.012 min
Delta R.T.: 0.000 min
Response: 596146
Conc: 5.36 ug/ml



#16 n-Octacosane (C28)

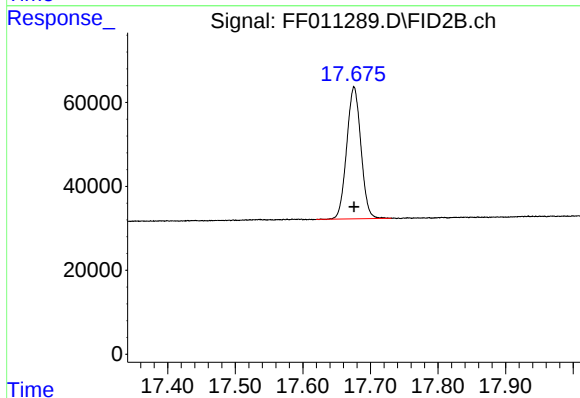
R.T.: 15.960 min
Delta R.T.: 0.000 min
Response: 586408
Conc: 5.37 ug/ml



#17 n-Tricontane (C30)

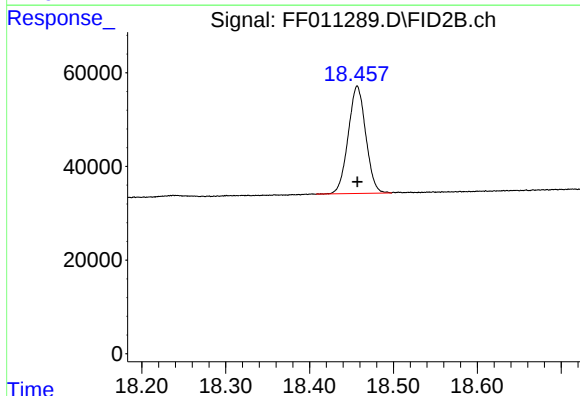
R.T.: 16.845 min
Delta R.T.: 0.000 min
Response: 557821
Conc: 5.39 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



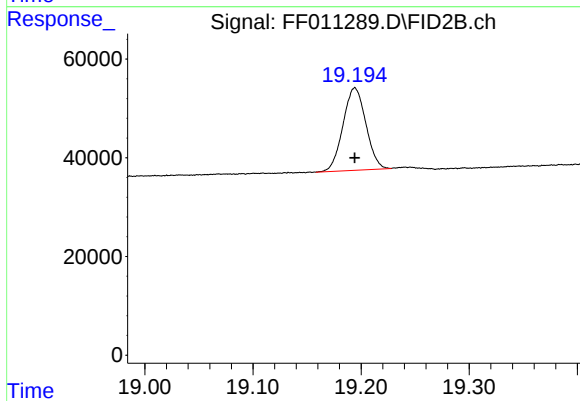
#18 n-Dotriacontane (C32)

R.T.: 17.676 min
Delta R.T.: 0.000 min
Response: 459267
Conc: 5.43 ug/ml



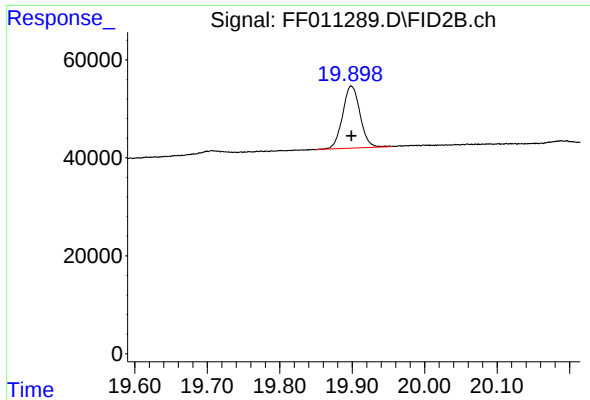
#19 n-Tetratriacontane (C34)

R.T.: 18.457 min
Delta R.T.: 0.000 min
Response: 332712
Conc: 5.38 ug/ml



#20 n-Hexatriacontane (C36)

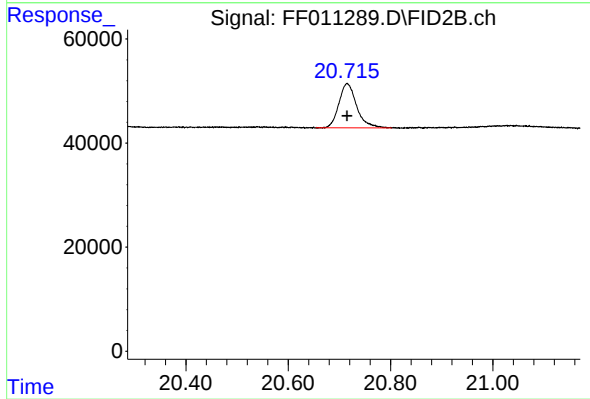
R.T.: 19.194 min
Delta R.T.: 0.000 min
Response: 245647
Conc: 5.25 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.899 min
Delta R.T.: 0.000 min
Response: 211231
Conc: 5.26 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 20.715 min
Delta R.T.: 0.000 min
Response: 204744
Conc: 5.35 ug/ml