

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AL\
 Data File : FF014728.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2024 03:23
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 22 05:39:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 05:36:30 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)	11.911	793135	5.322 ug/ml
Spiked Amount 50.000		Recovery =	10.64%
12) S 1-chlorooctadecane (S...	13.348	619341	5.269 ug/ml
Spiked Amount 50.000		Recovery =	10.54%
Target Compounds			
1) T n-Nonane (C9)	3.313	649696	5.266 ug/ml
2) T n-Decane (C10)	4.562	659640	5.270 ug/ml
3) T A~Naphthalene (C11.7)	6.258	724886	5.269 ug/ml
4) T n-Dodecane (C12)	6.722	665444	5.280 ug/ml
5) T A~2-methylnaphthalene...	7.350	703423	5.259 ug/ml
6) T n-Tetradecane (C14)	8.546	661568	5.251 ug/ml
7) T n-Hexadecane (C16)	10.152	692517	5.255 ug/ml
8) T n-Octadecane (C18)	11.595	717478	5.277 ug/ml
10) T n-Eicosane (C20)	12.903	708128	5.268 ug/ml
11) T n-Heneicosane (C21)	13.515	704686	5.273 ug/ml
13) T n-Docosane (C22)	14.102	707157	5.260 ug/ml
14) T n-Tetracosane (C24)	15.205	720702	5.263 ug/ml
15) T n-Hexacosane (C26)	16.225	721630	5.272 ug/ml
16) T n-Octacosane (C28)	17.173	721260	5.337 ug/ml
17) T n-Tricontane (C30)	18.060	756629	5.497 ug/ml
18) T n-Dotriacontane (C32)	18.893	787142	5.850 ug/ml
19) T n-Tetratriacontane (C34)	19.675	642796	5.617 ug/ml
20) T n-Hexatriacontane (C36)	20.415	543285	5.496 ug/ml
21) T n-Octatriacontane (C38)	21.148	475843	5.401 ug/ml
22) T n-Tetracontane (C40)	22.053	529340	6.314 ug/ml

(f)=RT Delta > 1/2 Window

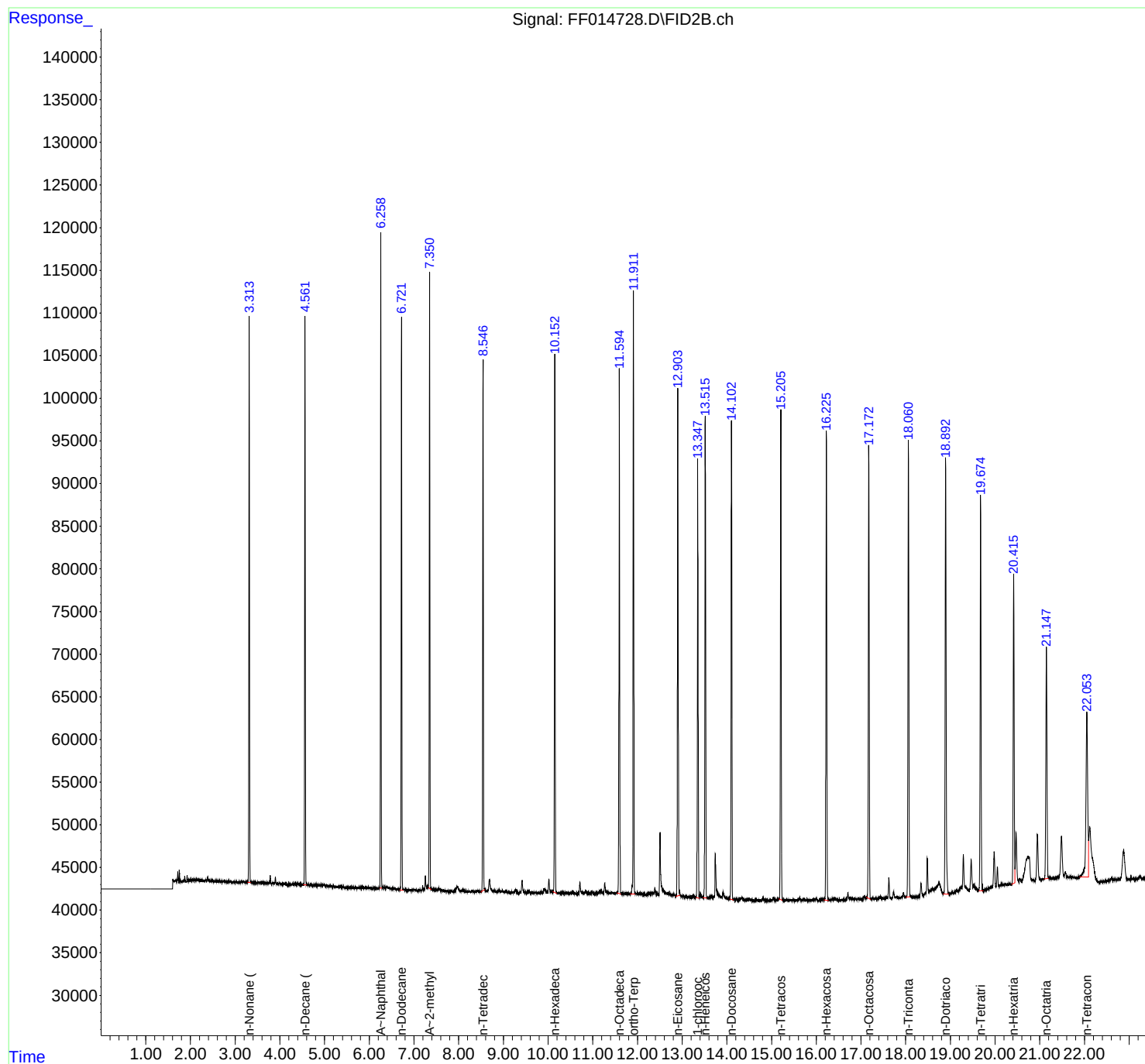
(m)=manual int.

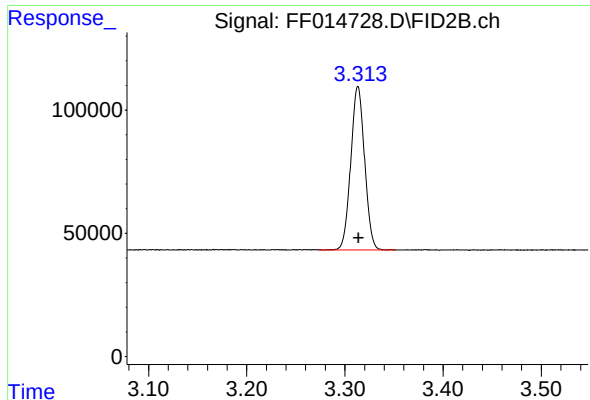
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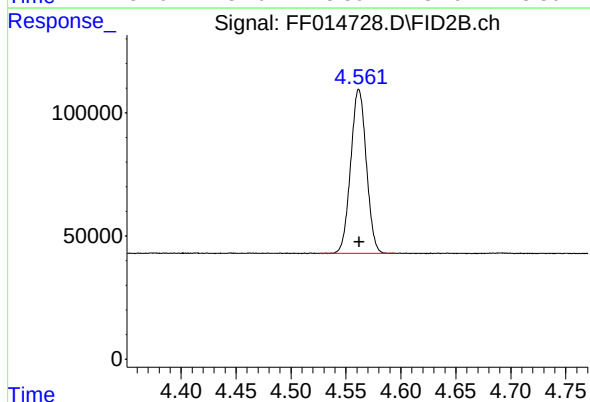




#1 n-Nonane (C9)

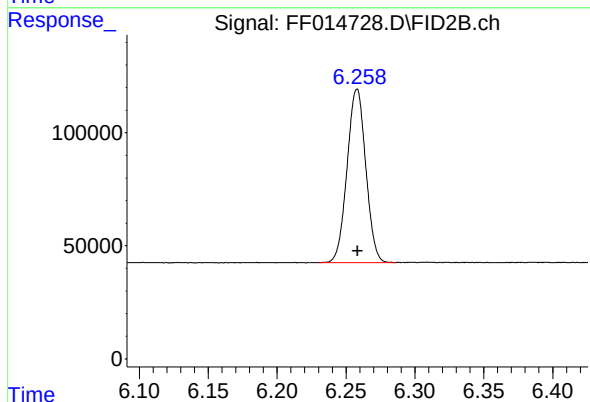
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 649696
Conc: 5.27 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



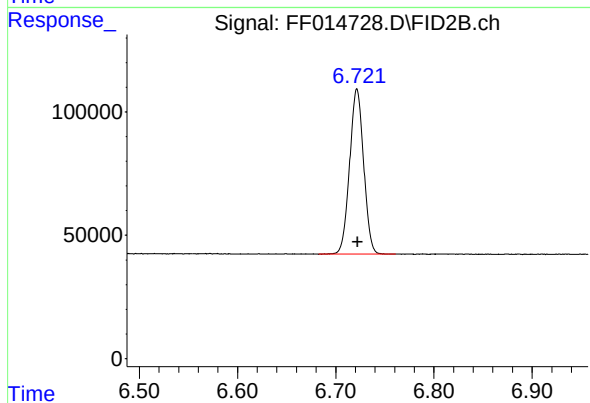
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 659640
Conc: 5.27 ug/ml



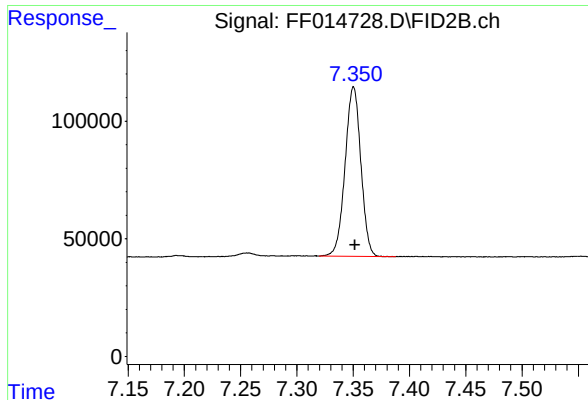
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 724886
Conc: 5.27 ug/ml



#4 n-Dodecane (C12)

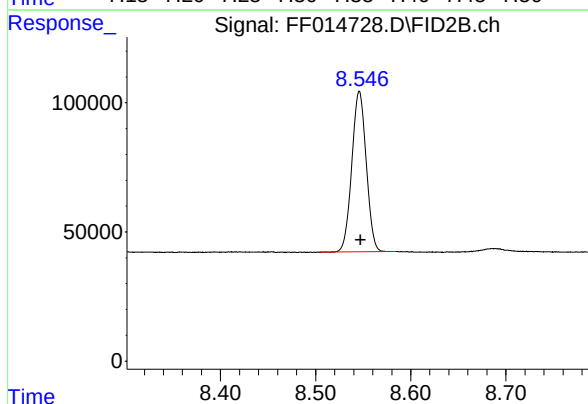
R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 665444
Conc: 5.28 ug/ml



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

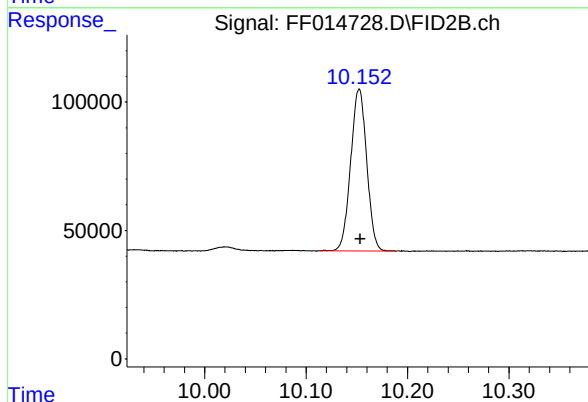
R.T.: 7.350 min
Delta R.T.: -0.001 min
Response: 703423
Conc: 5.26 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



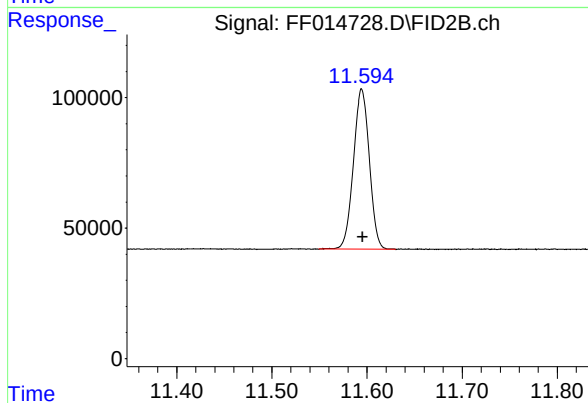
#6 n-Tetradecane (C14)

R.T.: 8.546 min
Delta R.T.: -0.001 min
Response: 661568
Conc: 5.25 ug/ml



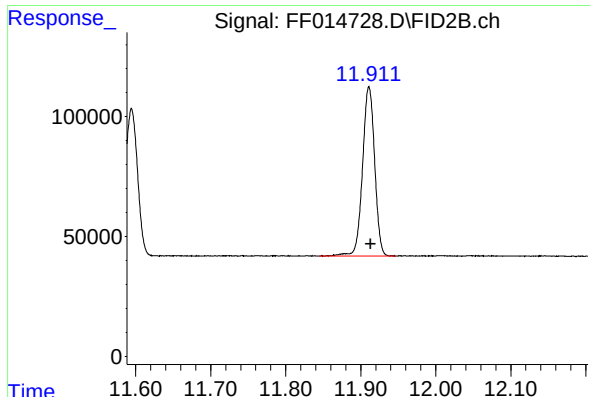
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: -0.001 min
Response: 692517
Conc: 5.26 ug/ml



#8 n-Octadecane (C18)

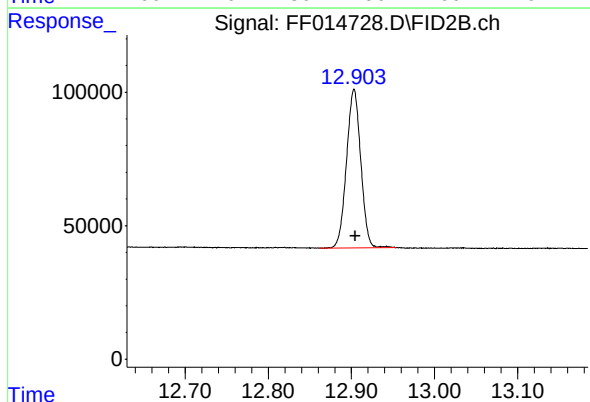
R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 717478
Conc: 5.28 ug/ml



#9 ortho-Terphenyl (SURR)

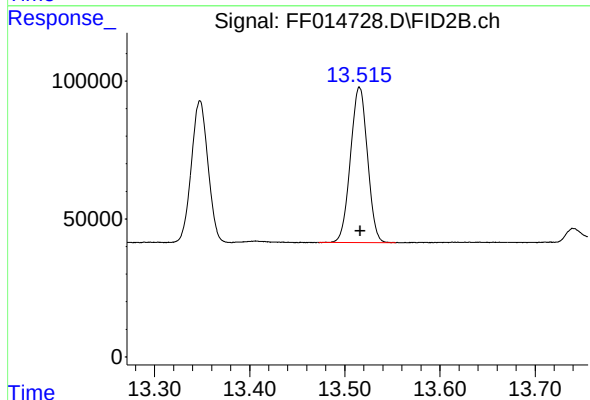
R.T.: 11.911 min
Delta R.T.: -0.002 min
Response: 793135
Conc: 5.32 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



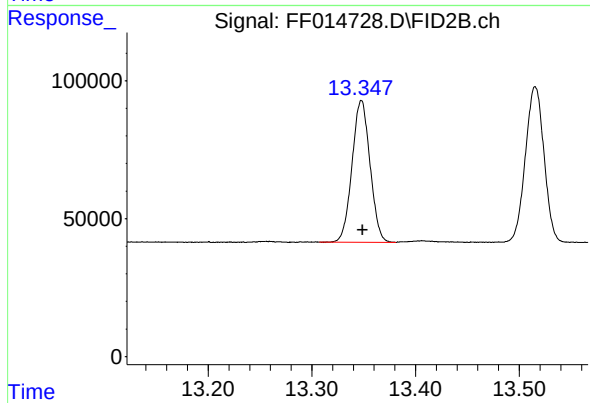
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: -0.001 min
Response: 708128
Conc: 5.27 ug/ml



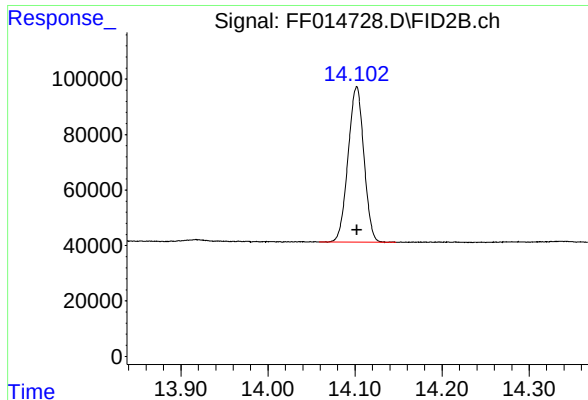
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: 0.000 min
Response: 704686
Conc: 5.27 ug/ml



#12 1-chlorooctadecane (SURR)

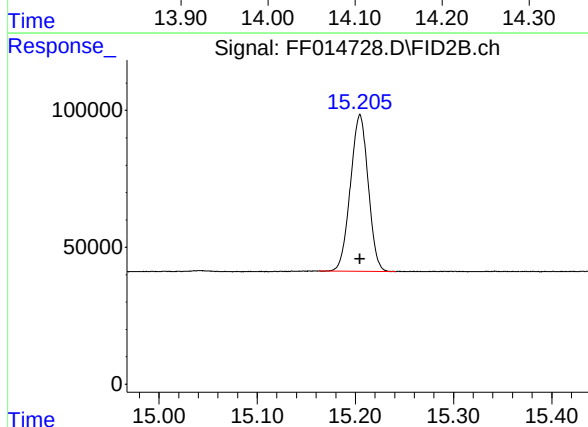
R.T.: 13.348 min
Delta R.T.: -0.001 min
Response: 619341
Conc: 5.27 ug/ml



#13 n-Docosane (C22)

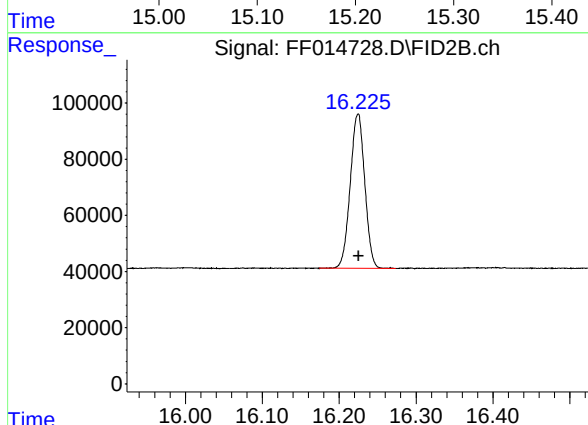
R.T.: 14.102 min
Delta R.T.: 0.000 min
Response: 707157
Conc: 5.26 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



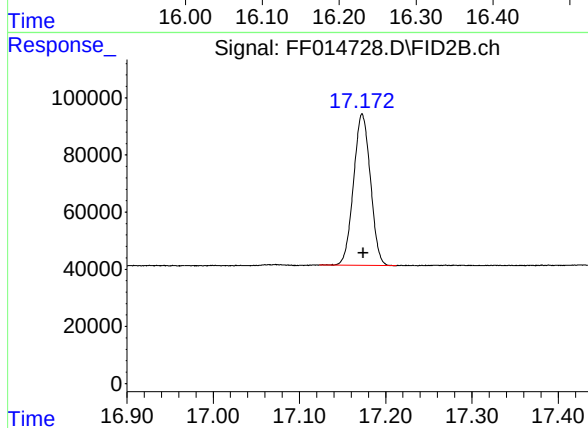
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: 0.000 min
Response: 720702
Conc: 5.26 ug/ml



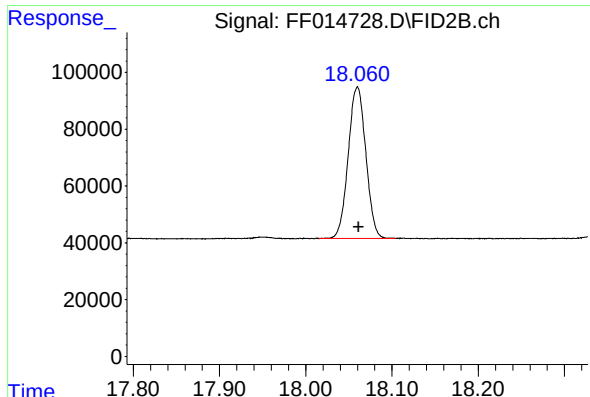
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 721630
Conc: 5.27 ug/ml



#16 n-Octacosane (C28)

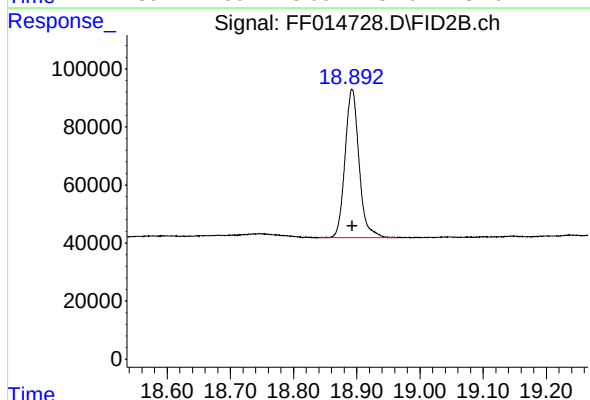
R.T.: 17.173 min
Delta R.T.: -0.001 min
Response: 721260
Conc: 5.34 ug/ml



#17 n-Tricontane (C30)

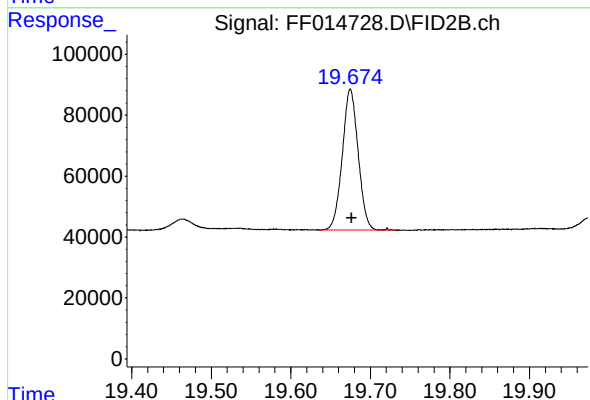
R.T.: 18.060 min
Delta R.T.: -0.002 min
Response: 756629
Conc: 5.50 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM ALIPHATIC HC STD5



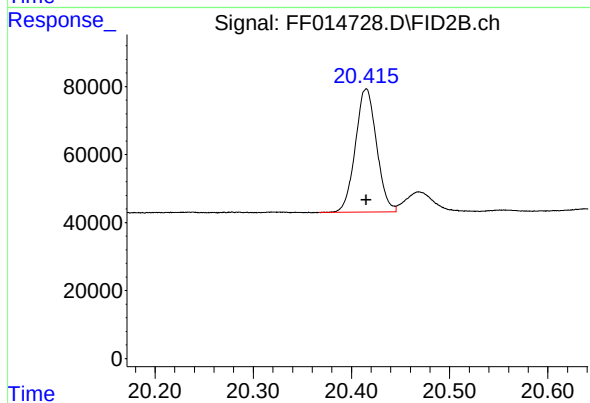
#18 n-Dotriacontane (C32)

R.T.: 18.893 min
Delta R.T.: 0.000 min
Response: 787142
Conc: 5.85 ug/ml



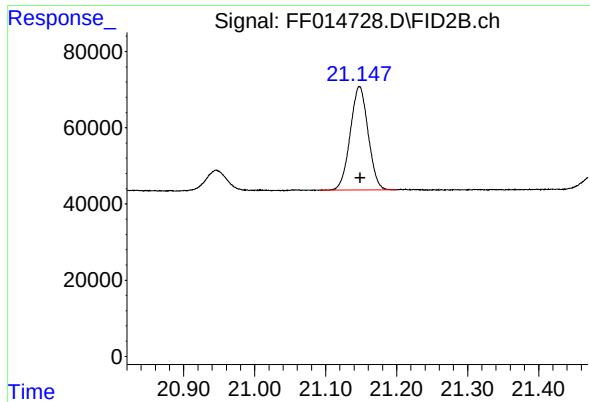
#19 n-Tetatriacontane (C34)

R.T.: 19.675 min
Delta R.T.: -0.002 min
Response: 642796
Conc: 5.62 ug/ml



#20 n-Hexatriacontane (C36)

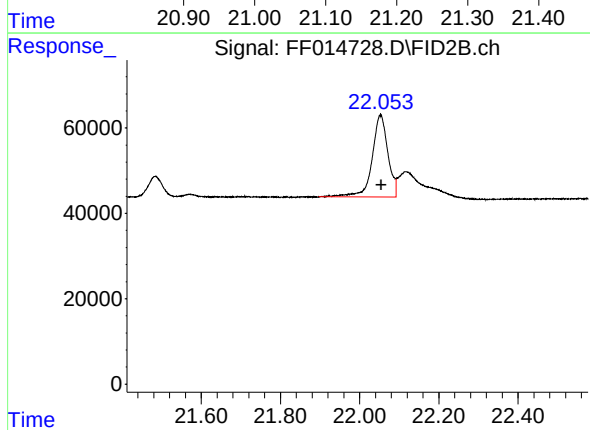
R.T.: 20.415 min
Delta R.T.: 0.000 min
Response: 543285
Conc: 5.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.148 min
Delta R.T.: -0.001 min
Response: 475843
Conc: 5.40 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.053 min
Delta R.T.: -0.001 min
Response: 529340
Conc: 6.31 ug/ml