

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052023AL\
 Data File : FF012650.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2023 10:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 21 02:51:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:25:00 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)	10.911	2916996	18.211 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
12) S 1-chlorooctadecane (S...	12.342	2151909	18.208 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
Target Compounds			
1) T n-Nonane (C9)	2.769	2397046	18.317 ug/ml
2) T n-Decane (C10)	3.778	2441307	18.273 ug/ml
3) T A~Naphthalene (C11.7)	5.345	2504243	17.774 ug/ml
4) T n-Dodecane (C12)	5.765	2467957	18.233 ug/ml
5) T A~2-methylnaphthalene...	6.394	2345182	17.670 ug/ml
6) T n-Tetradecane (C14)	7.554	2423087	18.111 ug/ml
7) T n-Hexadecane (C16)	9.151	2502486	18.077 ug/ml
8) T n-Octadecane (C18)	10.590	2590167	18.195 ug/ml
10) T n-Eicosane (C20)	11.897	2515758	18.293 ug/ml
11) T n-Heneicosane (C21)	12.508	2477512	18.320 ug/ml
13) T n-Docosane (C22)	13.093	2444164	18.258 ug/ml
14) T n-Tetracosane (C24)	14.194	2398755	18.243 ug/ml
15) T n-Hexacosane (C26)	15.214	2314685	18.205 ug/ml
16) T n-Octacosane (C28)	16.162	2223068	18.081 ug/ml
17) T n-Tricontane (C30)	17.048	2239084	18.137 ug/ml
18) T n-Dotriacontane (C32)	17.880	2195038	18.142 ug/ml
19) T n-Tetratriacontane (C34)	18.662	2119244	18.114 ug/ml
20) T n-Hexatriacontane (C36)	19.401	2073439	18.403 ug/ml
21) T n-Octatriacontane (C38)	20.130	2046257	18.371 ug/ml
22) T n-Tetracontane (C40)	21.027	1994835	18.078 ug/ml

(f)=RT Delta > 1/2 Window

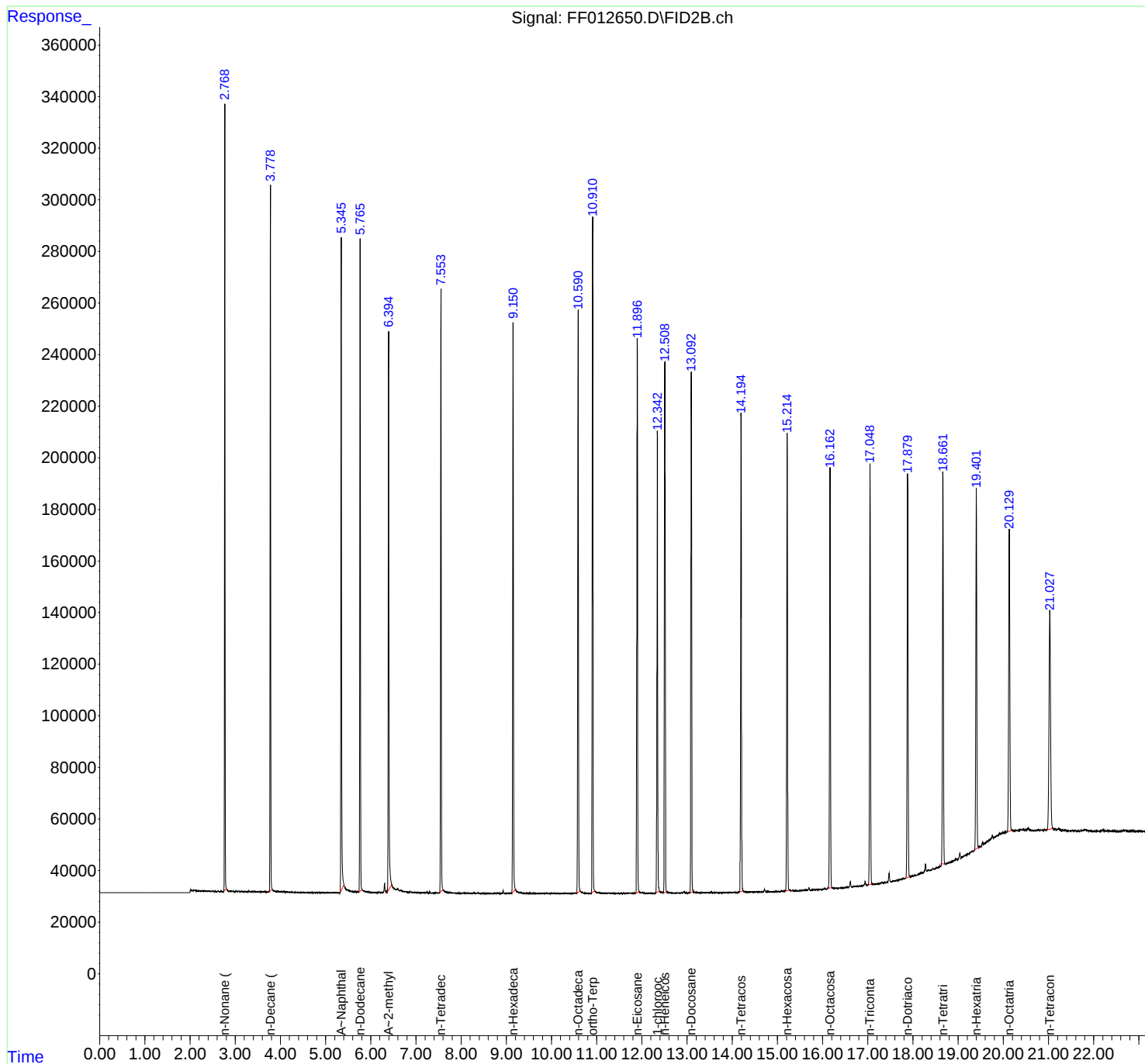
(m)=manual int.

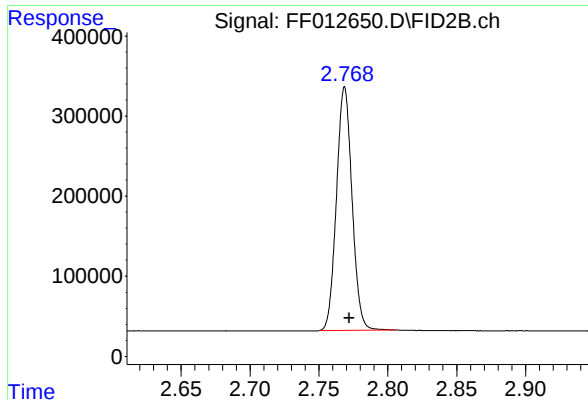
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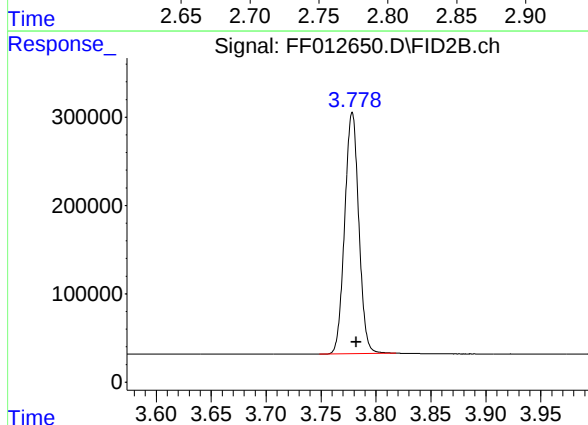




#1 n-Nonane (C9)

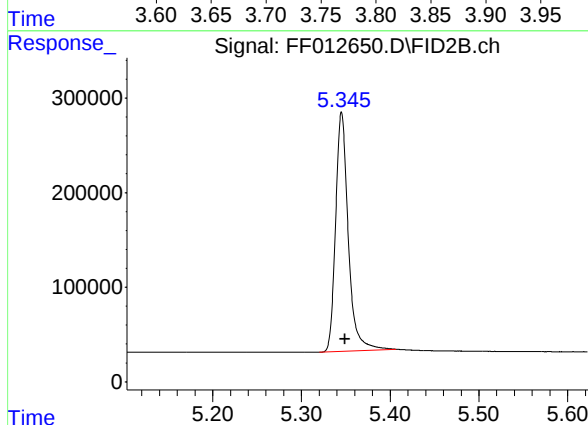
R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 2397046
Conc: 18.32 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



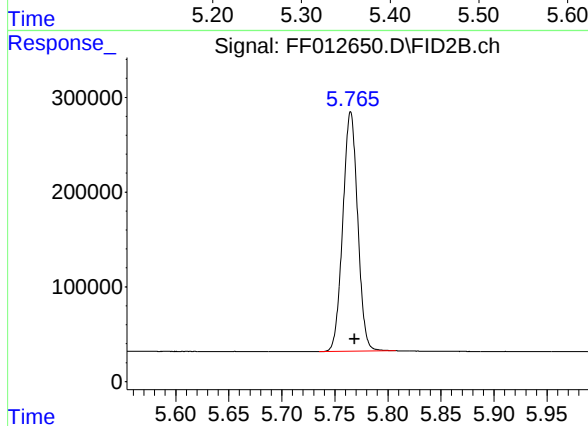
#2 n-Decane (C10)

R.T.: 3.778 min
Delta R.T.: -0.003 min
Response: 2441307
Conc: 18.27 ug/ml



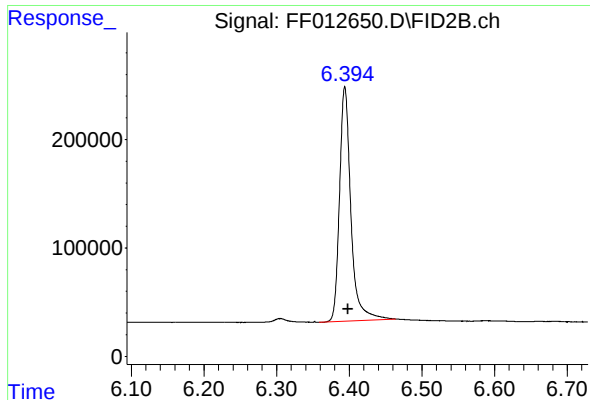
#3 A~Naphthalene (C11.7)

R.T.: 5.345 min
Delta R.T.: -0.004 min
Response: 2504243
Conc: 17.77 ug/ml



#4 n-Dodecane (C12)

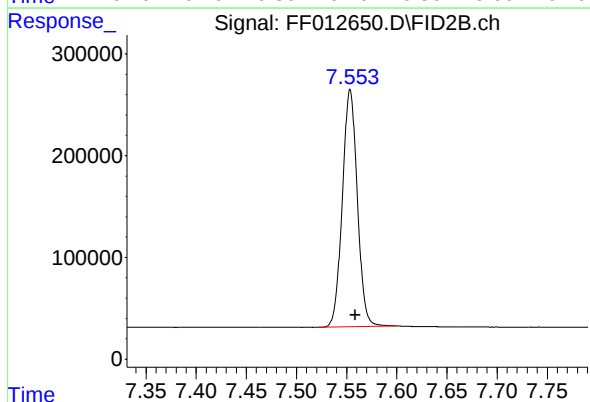
R.T.: 5.765 min
Delta R.T.: -0.004 min
Response: 2467957
Conc: 18.23 ug/ml



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

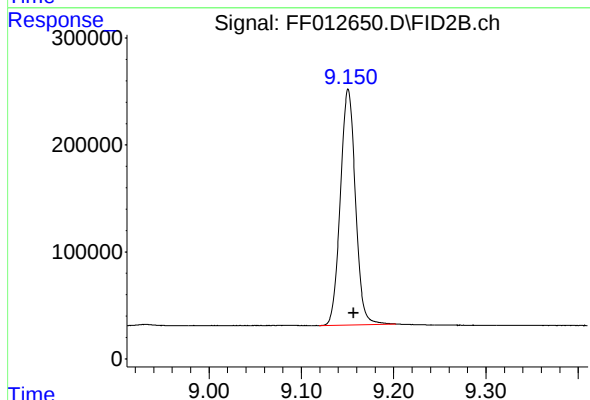
R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 2345182
Conc: 17.67 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



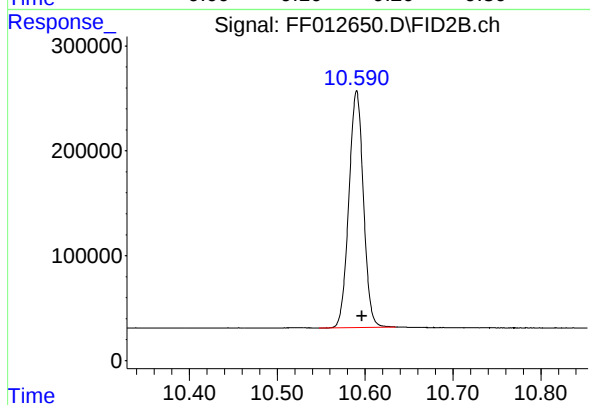
#6 n-Tetradecane (C14)

R.T.: 7.554 min
Delta R.T.: -0.005 min
Response: 2423087
Conc: 18.11 ug/ml



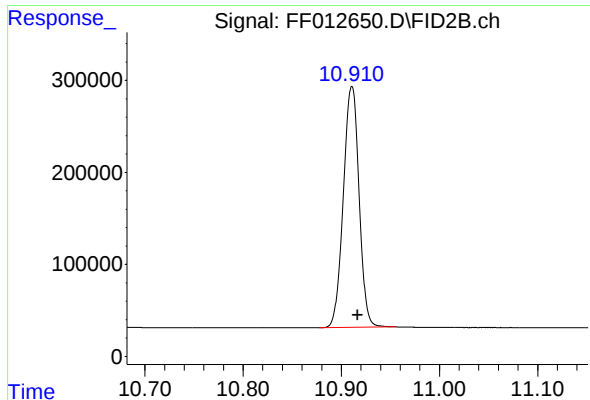
#7 n-Hexadecane (C16)

R.T.: 9.151 min
Delta R.T.: -0.006 min
Response: 2502486
Conc: 18.08 ug/ml



#8 n-Octadecane (C18)

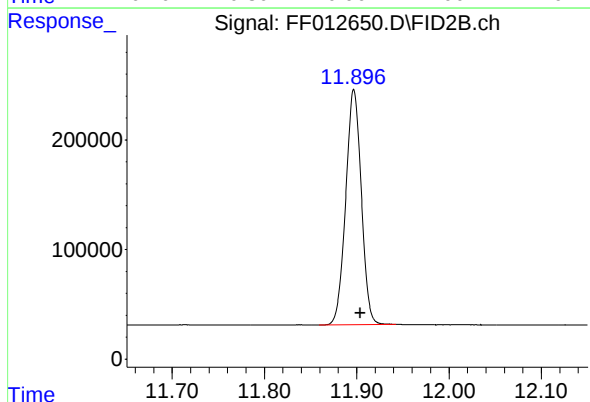
R.T.: 10.590 min
Delta R.T.: -0.006 min
Response: 2590167
Conc: 18.20 ug/ml



#9 ortho-Terphenyl (SURR)

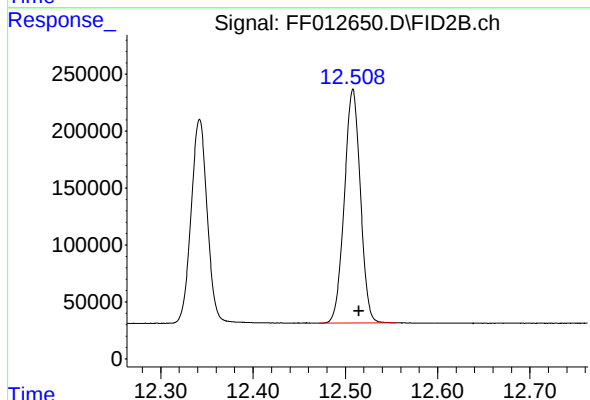
R.T.: 10.911 min
Delta R.T.: -0.006 min
Response: 2916996
Conc: 18.21 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



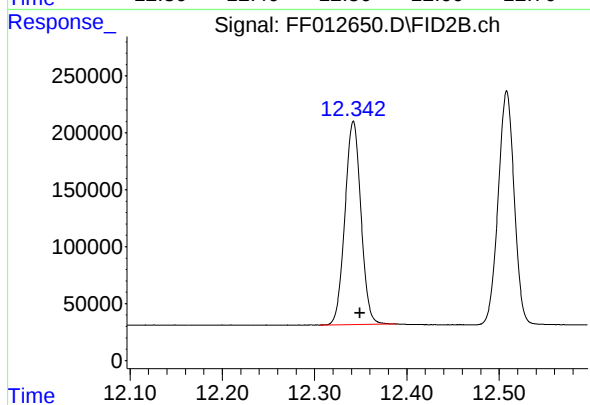
#10 n-Eicosane (C20)

R.T.: 11.897 min
Delta R.T.: -0.007 min
Response: 2515758
Conc: 18.29 ug/ml



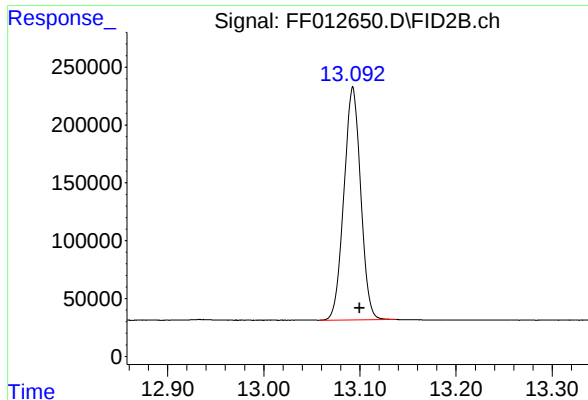
#11 n-Heneicosane (C21)

R.T.: 12.508 min
Delta R.T.: -0.007 min
Response: 2477512
Conc: 18.32 ug/ml



#12 1-chlorooctadecane (SURR)

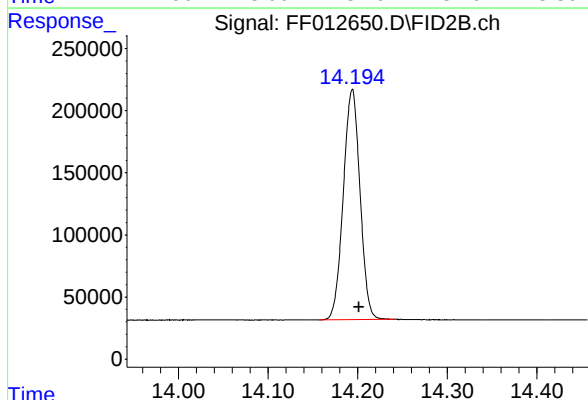
R.T.: 12.342 min
Delta R.T.: -0.007 min
Response: 2151909
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

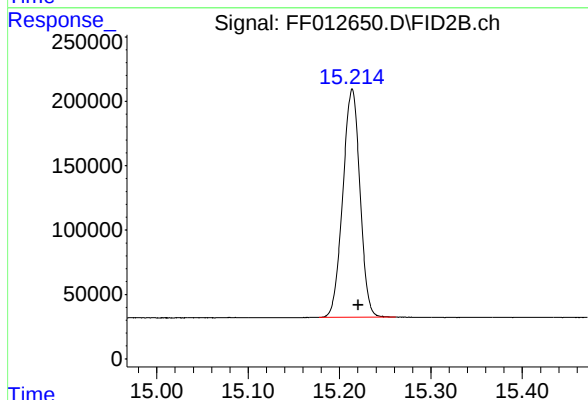
R.T.: 13.093 min
Delta R.T.: -0.007 min
Response: 2444164
Conc: 18.26 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



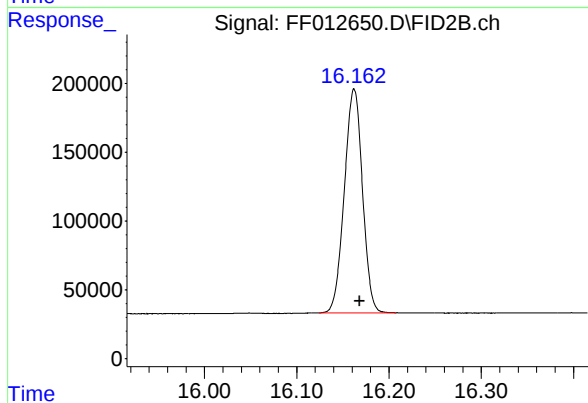
#14 n-Tetracosane (C24)

R.T.: 14.194 min
Delta R.T.: -0.007 min
Response: 2398755
Conc: 18.24 ug/ml



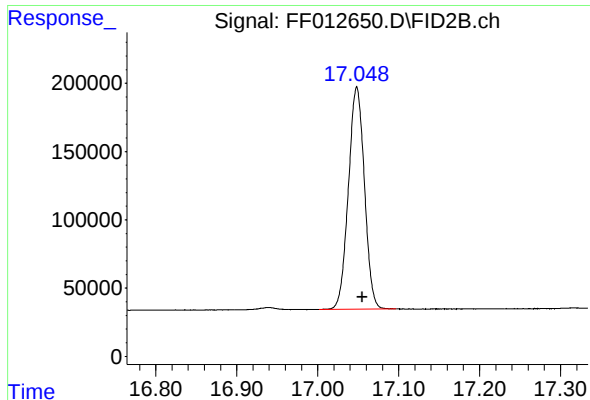
#15 n-Hexacosane (C26)

R.T.: 15.214 min
Delta R.T.: -0.007 min
Response: 2314685
Conc: 18.20 ug/ml



#16 n-Octacosane (C28)

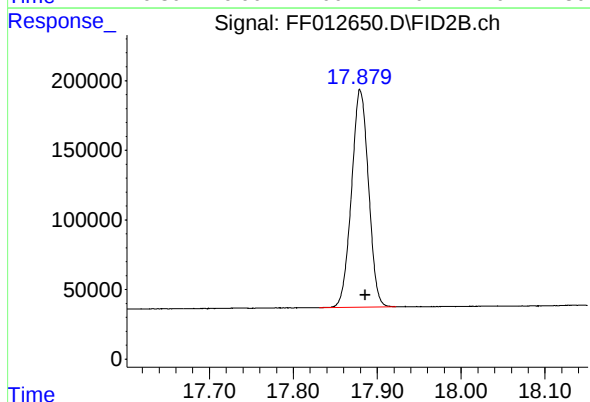
R.T.: 16.162 min
Delta R.T.: -0.006 min
Response: 2223068
Conc: 18.08 ug/ml



#17 n-Tricontane (C30)

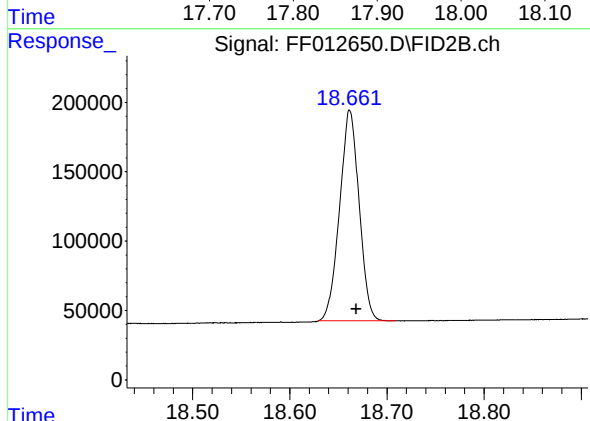
R.T.: 17.048 min
Delta R.T.: -0.007 min
Response: 2239084
Conc: 18.14 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



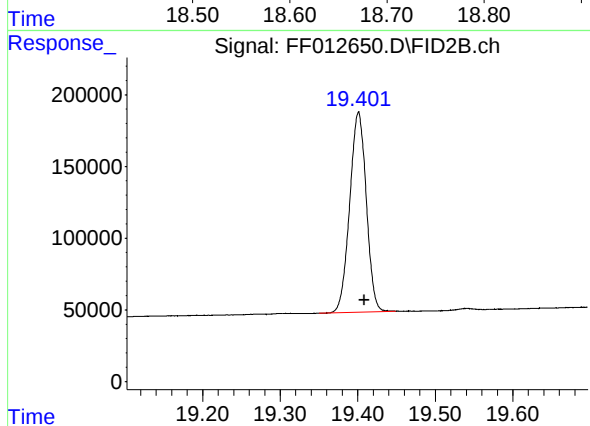
#18 n-Dotriacontane (C32)

R.T.: 17.880 min
Delta R.T.: -0.006 min
Response: 2195038
Conc: 18.14 ug/ml



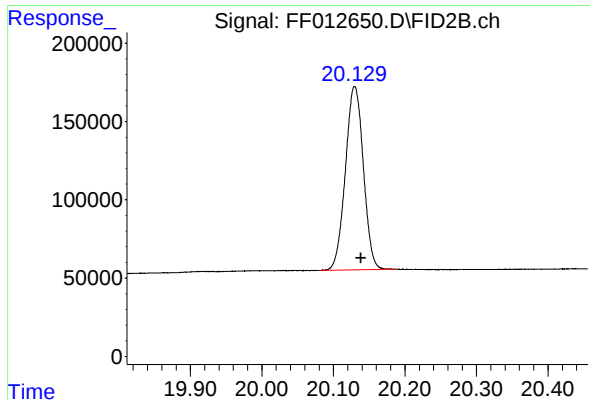
#19 n-Tetratriacontane (C34)

R.T.: 18.662 min
Delta R.T.: -0.007 min
Response: 2119244
Conc: 18.11 ug/ml



#20 n-Hexatriacontane (C36)

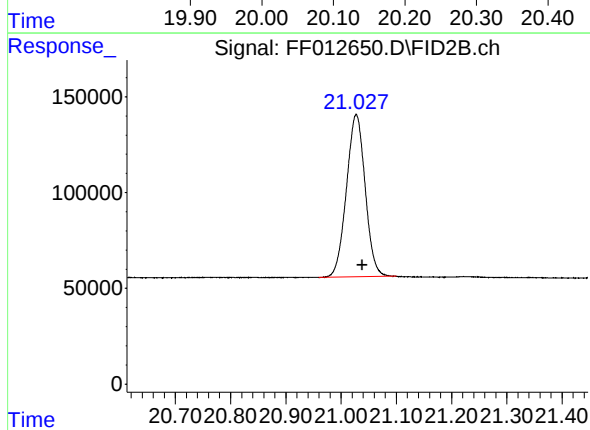
R.T.: 19.401 min
Delta R.T.: -0.007 min
Response: 2073439
Conc: 18.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.130 min
Delta R.T.: -0.009 min
Response: 2046257
Conc: 18.37 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.027 min
Delta R.T.: -0.011 min
Response: 1994835
Conc: 18.08 ug/ml