

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100824AL\
 Data File : FC067384.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2024 07:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 09 02:09:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 09:13:32 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)	11.504	2614002	17.179 ug/ml
Spiked Amount 50.000		Recovery =	34.36%
12) S 1-chlorooctadecane (S...	12.942	1973710	17.437 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
Target Compounds			
1) T n-Nonane (C9)	3.277	2308693	18.213 ug/ml
2) T n-Decane (C10)	4.343	2392846	18.615 ug/ml
3) T A~Naphthalene (C11.7)	5.922	2611659	18.411 ug/ml
4) T n-Dodecane (C12)	6.359	2402884	18.518 ug/ml
5) T A~2-methylnaphthalene...	6.978	2513276	18.320 ug/ml
6) T n-Tetradecane (C14)	8.152	2357918	18.307 ug/ml
7) T n-Hexadecane (C16)	9.751	2407212	18.083 ug/ml
8) T n-Octadecane (C18)	11.191	2405681	17.741 ug/ml
10) T n-Eicosane (C20)	12.499	2296675	17.590 ug/ml
11) T n-Heneicosane (C21)	13.110	2249549	17.539 ug/ml
13) T n-Docosane (C22)	13.696	2241866	17.557 ug/ml
14) T n-Tetracosane (C24)	14.798	2248535	17.581 ug/ml
15) T n-Hexacosane (C26)	15.817	2226217	17.656 ug/ml
16) T n-Octacosane (C28)	16.767	2288341	18.215 ug/ml
17) T n-Tricontane (C30)	17.653	2510253	19.486 ug/ml
18) T n-Dotriacontane (C32)	18.484	2545899	20.379 ug/ml
19) T n-Tetratriacontane (C34)	19.267	2204692	20.175 ug/ml
20) T n-Hexatriacontane (C36)	20.005	1869660	19.781 ug/ml
21) T n-Octatriacontane (C38)	20.730	1792273	20.436 ug/ml
22) T n-Tetracontane (C40)	21.620	1638158	19.038 ug/ml

(f)=RT Delta > 1/2 Window

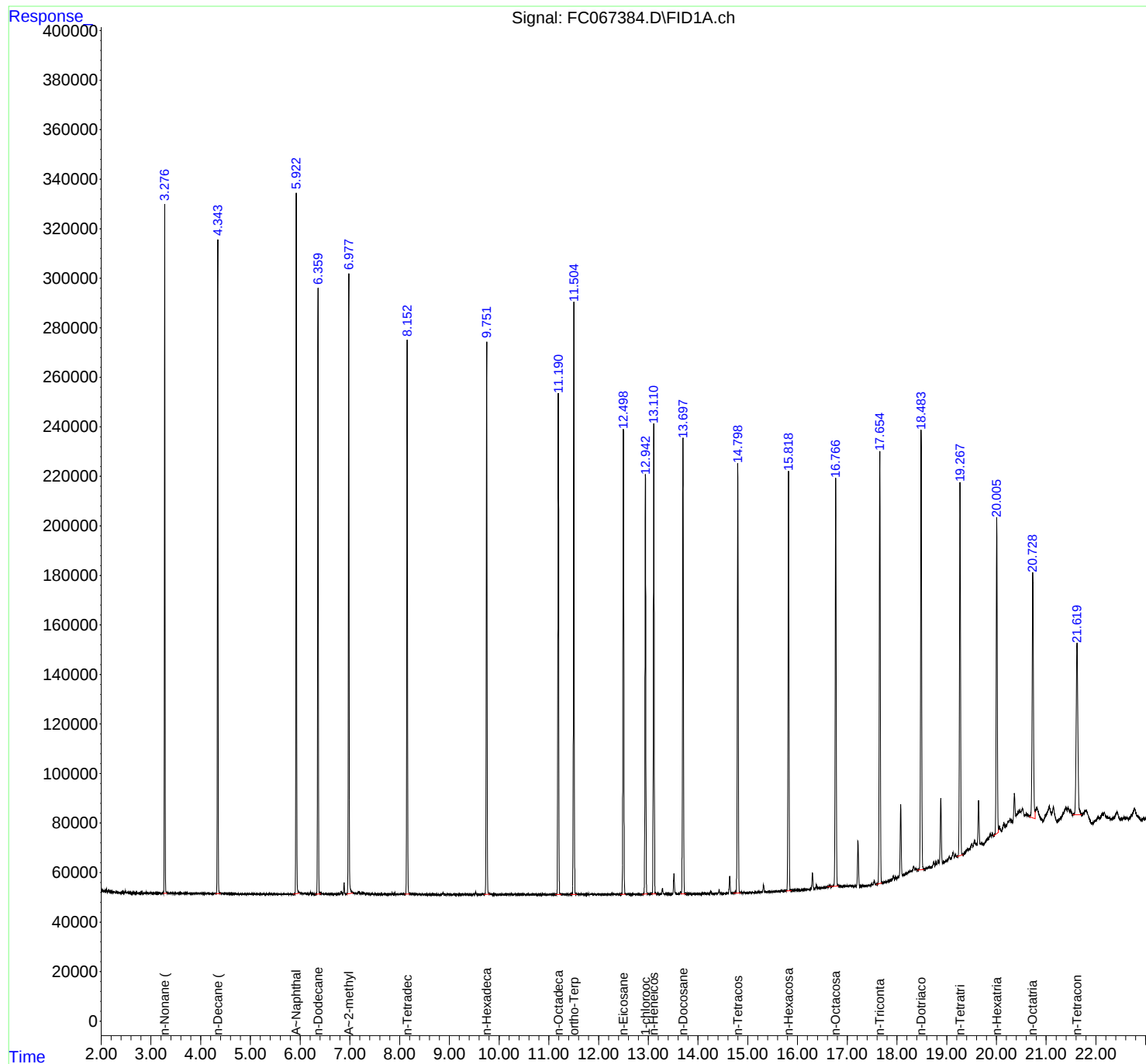
(m)=manual int.

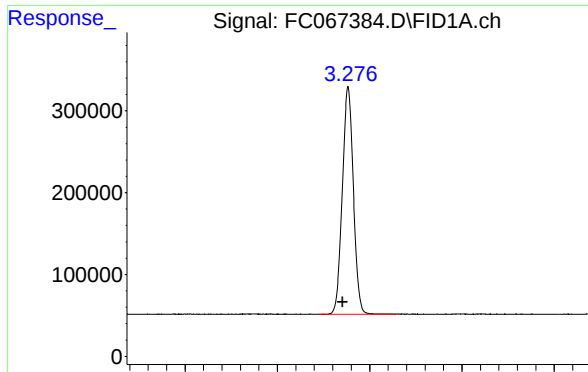
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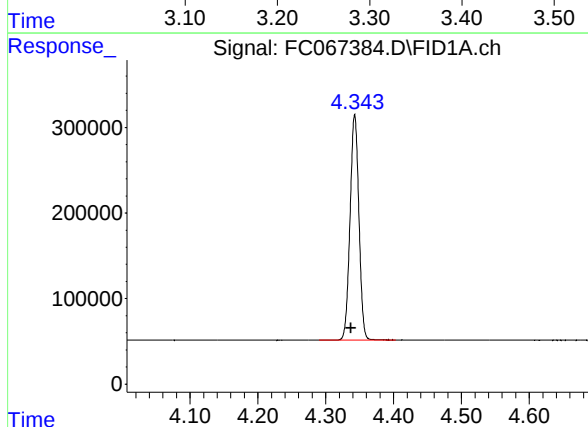




#1 n-Nonane (C9)

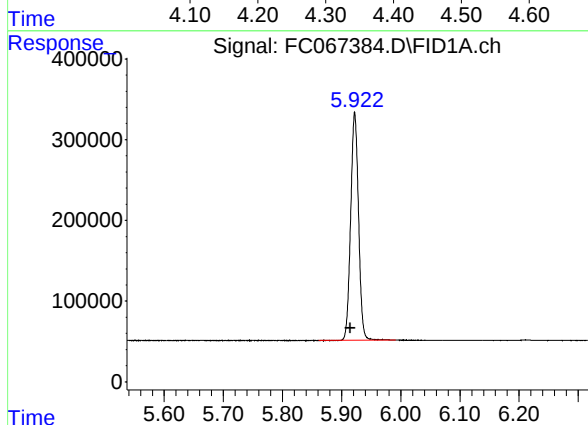
R.T.: 3.277 min
Delta R.T.: 0.006 min
Response: 2308693
Conc: 18.21 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



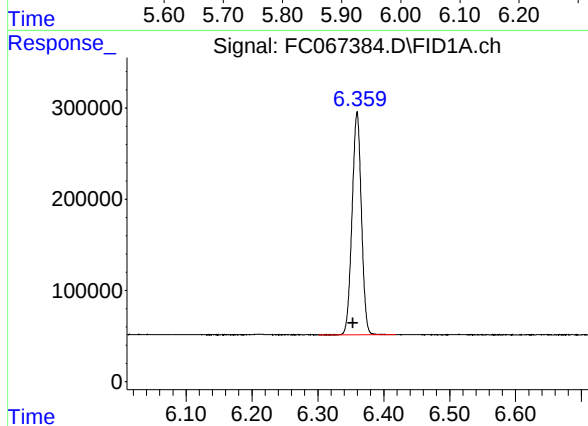
#2 n-Decane (C10)

R.T.: 4.343 min
Delta R.T.: 0.006 min
Response: 2392846
Conc: 18.62 ug/ml



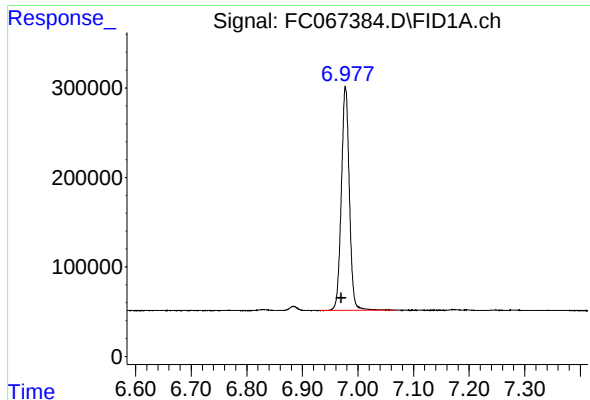
#3 A~Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: 0.007 min
Response: 2611659
Conc: 18.41 ug/ml



#4 n-Dodecane (C12)

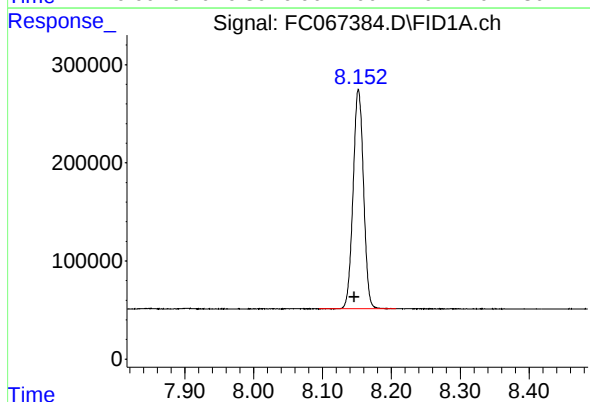
R.T.: 6.359 min
Delta R.T.: 0.006 min
Response: 2402884
Conc: 18.52 ug/ml



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

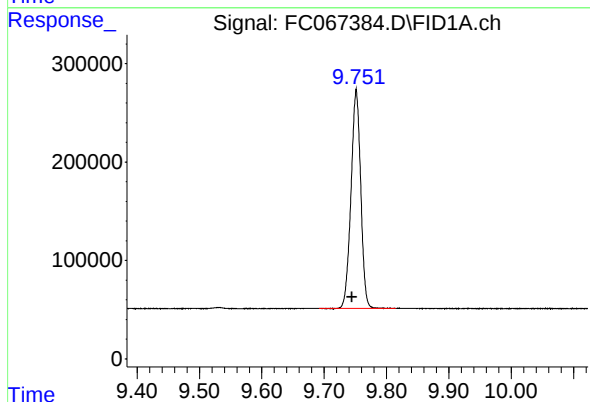
R.T.: 6.978 min
Delta R.T.: 0.008 min
Response: 2513276
Conc: 18.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



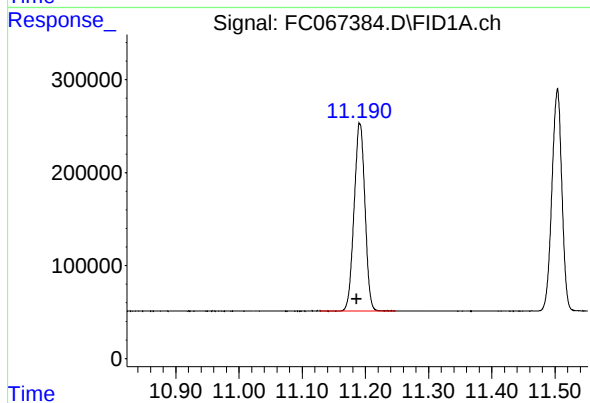
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.006 min
Response: 2357918
Conc: 18.31 ug/ml



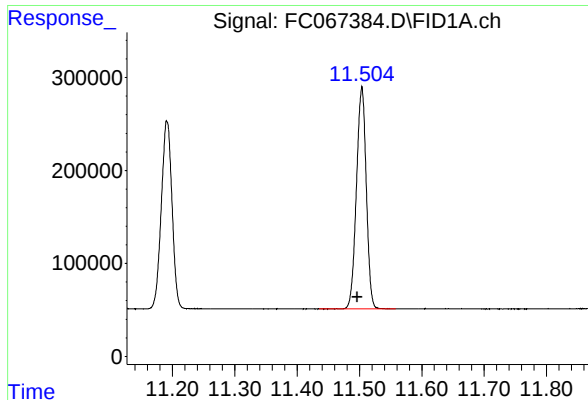
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.006 min
Response: 2407212
Conc: 18.08 ug/ml



#8 n-Octadecane (C18)

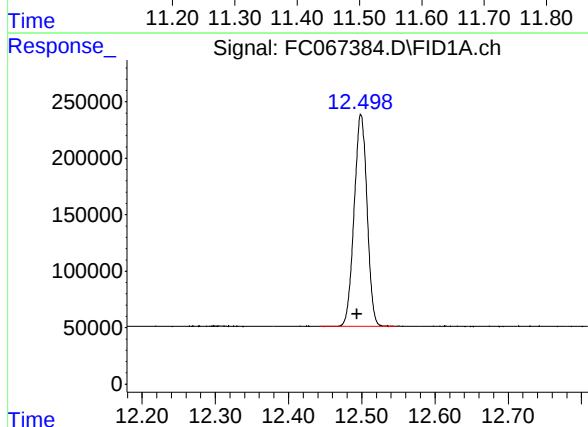
R.T.: 11.191 min
Delta R.T.: 0.005 min
Response: 2405681
Conc: 17.74 ug/ml



#9 ortho-Terphenyl (SURR)

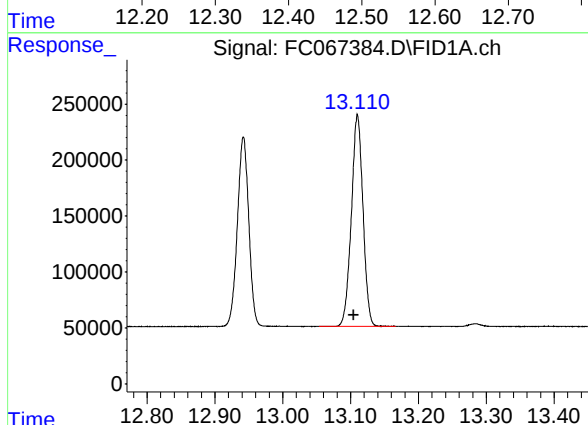
R.T.: 11.504 min
Delta R.T.: 0.007 min
Response: 2614002
Conc: 17.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



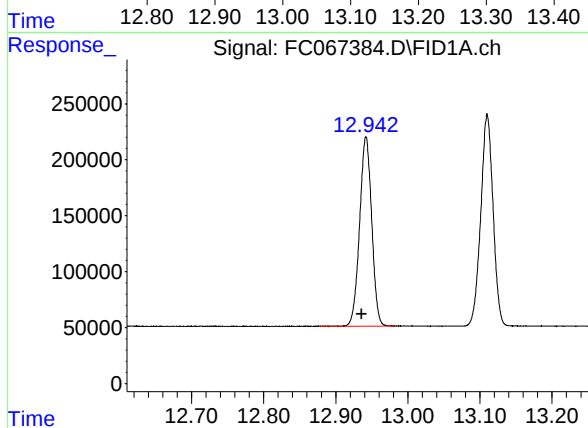
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.006 min
Response: 2296675
Conc: 17.59 ug/ml



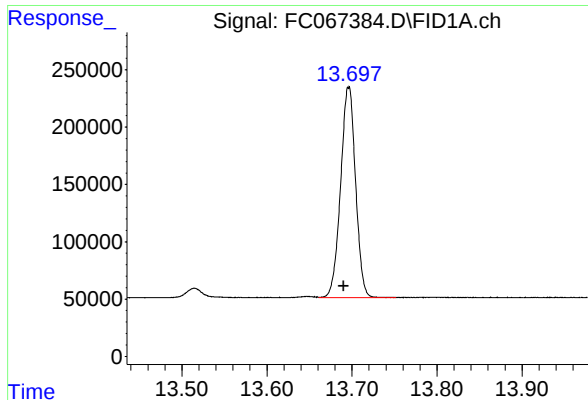
#11 n-Heneicosane (C21)

R.T.: 13.110 min
Delta R.T.: 0.006 min
Response: 2249549
Conc: 17.54 ug/ml



#12 1-chlorooctadecane (SURR)

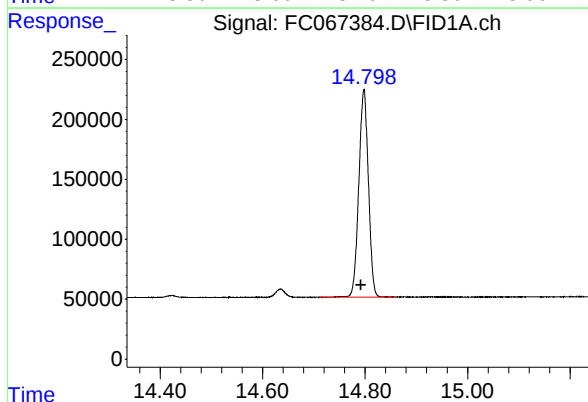
R.T.: 12.942 min
Delta R.T.: 0.006 min
Response: 1973710
Conc: 17.44 ug/ml



#13 n-Docosane (C22)

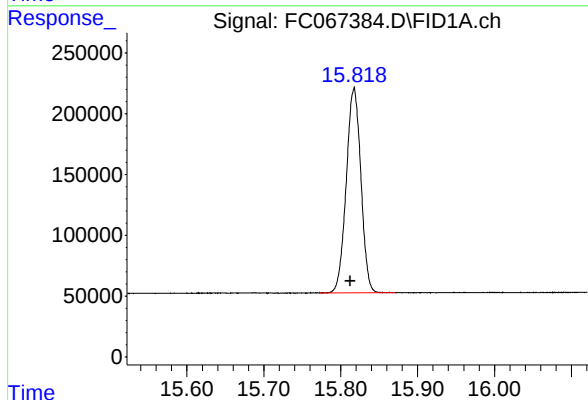
R.T.: 13.696 min
Delta R.T.: 0.006 min
Response: 2241866
Conc: 17.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



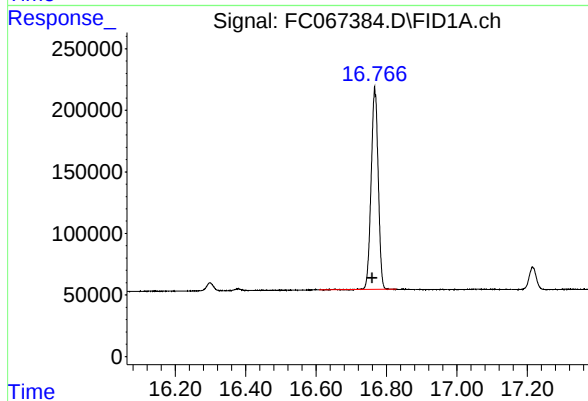
#14 n-Tetracosane (C24)

R.T.: 14.798 min
Delta R.T.: 0.006 min
Response: 2248535
Conc: 17.58 ug/ml



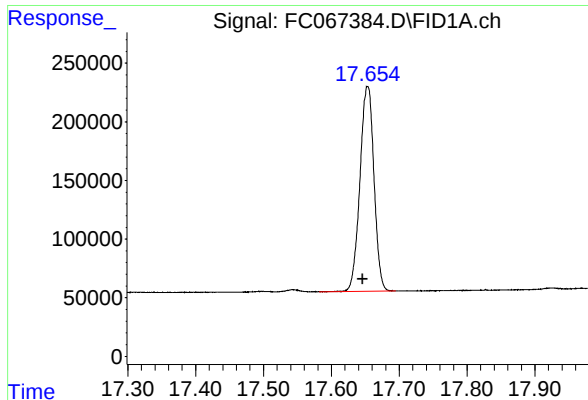
#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.005 min
Response: 2226217
Conc: 17.66 ug/ml



#16 n-Octacosane (C28)

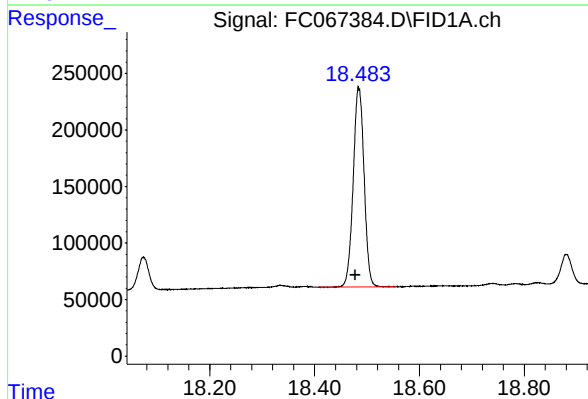
R.T.: 16.767 min
Delta R.T.: 0.007 min
Response: 2288341
Conc: 18.22 ug/ml



#17 n-Tricontane (C30)

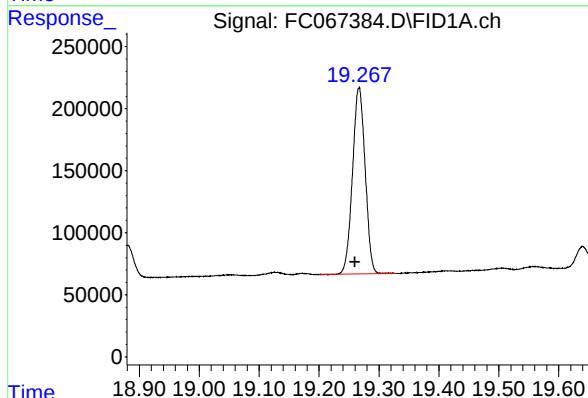
R.T.: 17.653 min
Delta R.T.: 0.007 min
Response: 2510253
Conc: 19.49 ug/ml

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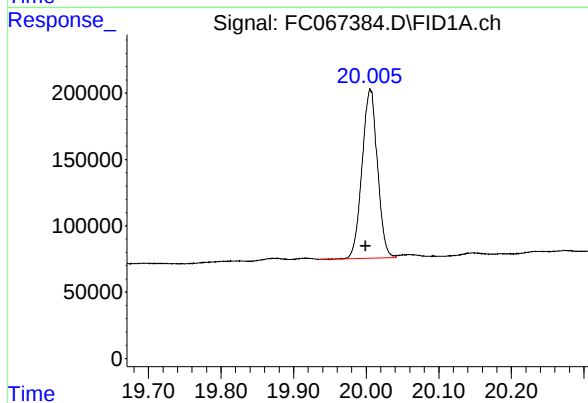
#18 n-Dotriacontane (C32)

R.T.: 18.484 min
Delta R.T.: 0.007 min
Response: 2545899
Conc: 20.38 ug/ml



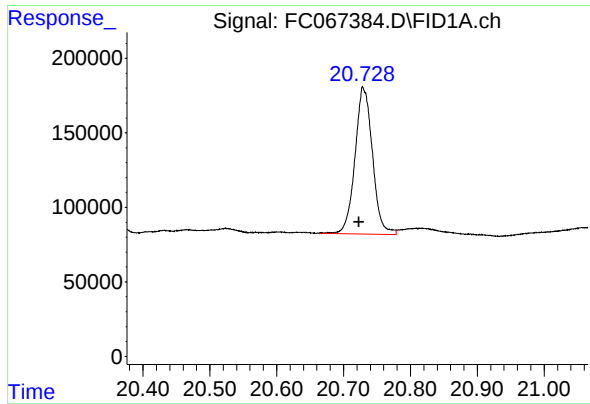
#19 n-Tetatriacontane (C34)

R.T.: 19.267 min
Delta R.T.: 0.007 min
Response: 2204692
Conc: 20.18 ug/ml



#20 n-Hexatriacontane (C36)

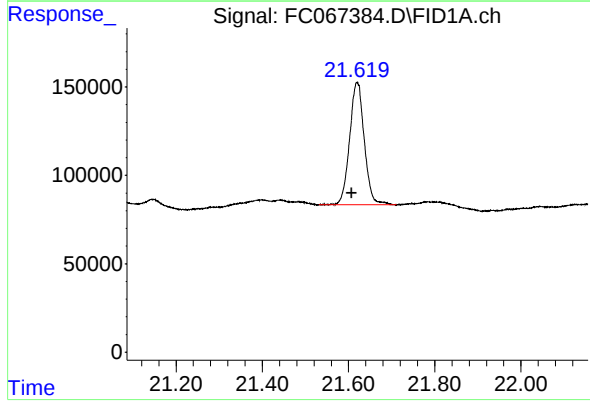
R.T.: 20.005 min
Delta R.T.: 0.006 min
Response: 1869660
Conc: 19.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: 0.007 min
Response: 1792273
Conc: 20.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.620 min
Delta R.T.: 0.013 min
Response: 1638158
Conc: 19.04 ug/ml