

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG071923AL\
 Data File : FG012466.D
 Signal(s) : FID1A.ch
 Acq On : 19 Jul 2023 12:42
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 20 04:38:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 071423.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 15 01:18:50 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)	10.881	3105734	19.876 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
12) S 1-chlorooctadecane (S...	12.319	2316492	19.987 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
Target Compounds			
1) T n-Nonane (C9)	2.733	2420651	19.460 ug/ml
2) T n-Decane (C10)	3.741	2471682	19.440 ug/ml
3) T A~Naphthalene (C11.7)	5.305	2749699	19.866 ug/ml
4) T n-Dodecane (C12)	5.729	2503813	19.462 ug/ml
5) T A~2-methylnaphthalene...	6.354	2606835	19.964 ug/ml
6) T n-Tetradecane (C14)	7.522	2511229	19.664 ug/ml
7) T n-Hexadecane (C16)	9.123	2652038	19.891 ug/ml
8) T n-Octadecane (C18)	10.565	2754845	19.837 ug/ml
10) T n-Eicosane (C20)	11.875	2690996	19.904 ug/ml
11) T n-Heneicosane (C21)	12.486	2639320	19.895 ug/ml
13) T n-Docosane (C22)	13.072	2654665	20.136 ug/ml
14) T n-Tetracosane (C24)	14.177	2789721	19.863 ug/ml
15) T n-Hexacosane (C26)	15.199	2611844	20.690 ug/ml
16) T n-Octacosane (C28)	16.151	2582482	20.543 ug/ml
17) T n-Tricontane (C30)	17.038	2660281	20.132 ug/ml
18) T n-Dotriacontane (C32)	17.872	2646720	19.891 ug/ml
19) T n-Tetratriacontane (C34)	18.656	2536077	19.793 ug/ml
20) T n-Hexatriacontane (C36)	19.396	2397142	19.399 ug/ml
21) T n-Octatriacontane (C38)	20.131	2335017	19.550 ug/ml
22) T n-Tetracontane (C40)	21.035	2277570	19.656 ug/ml

(f)=RT Delta > 1/2 Window

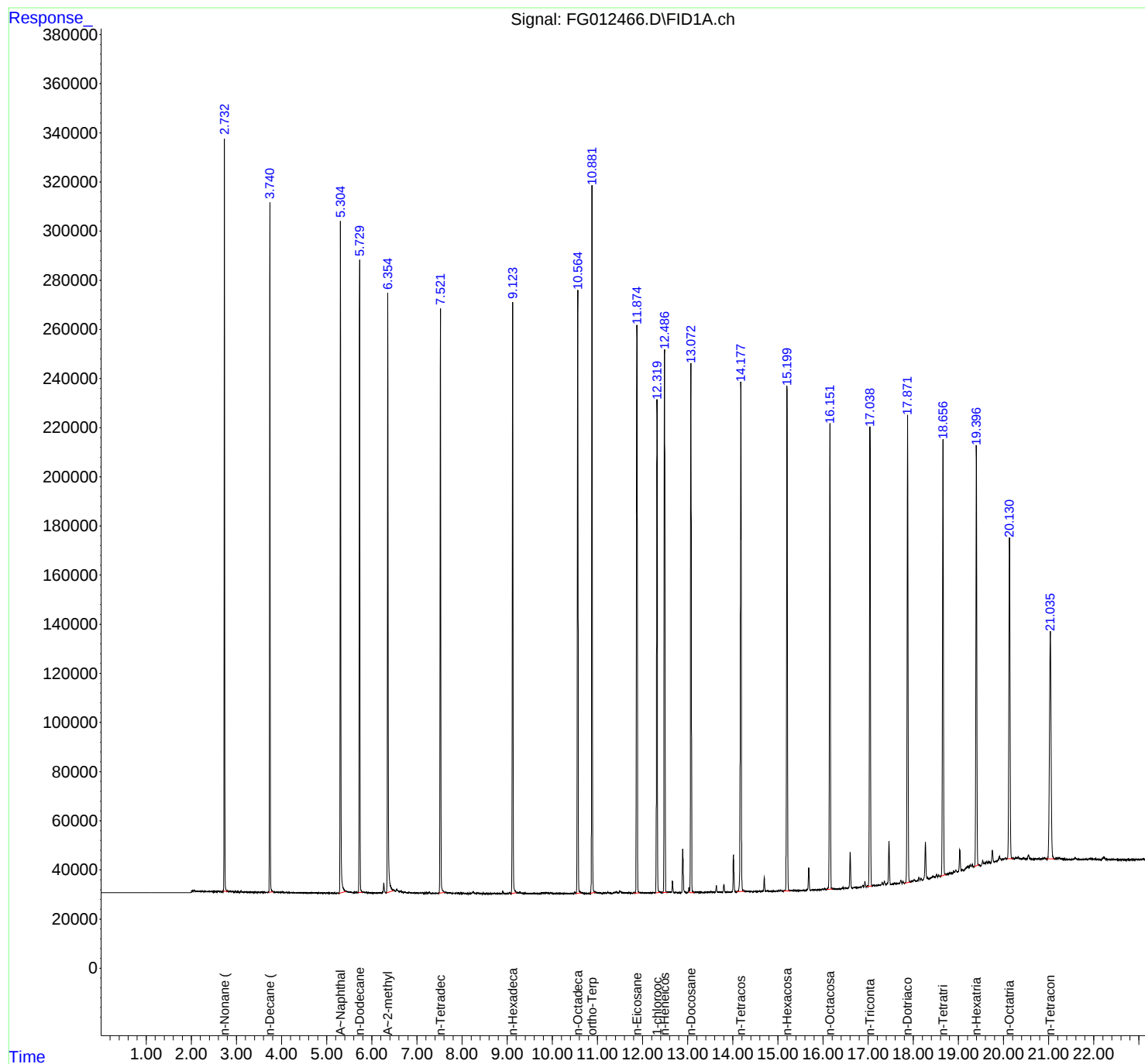
(m)=manual int.

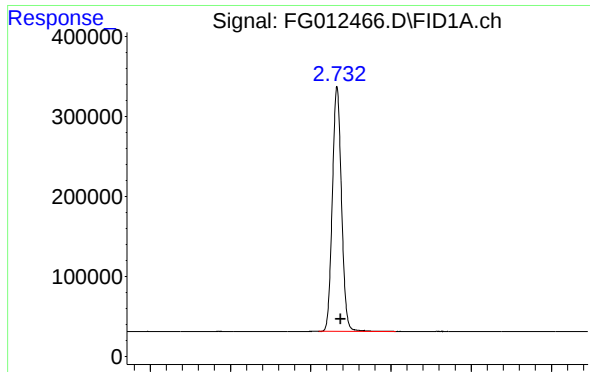
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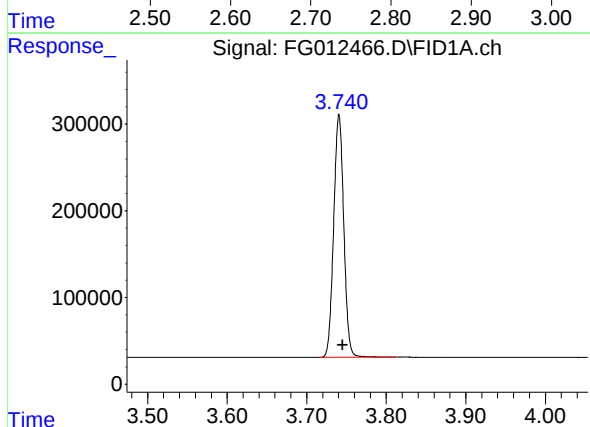




#1 n-Nonane (C9)

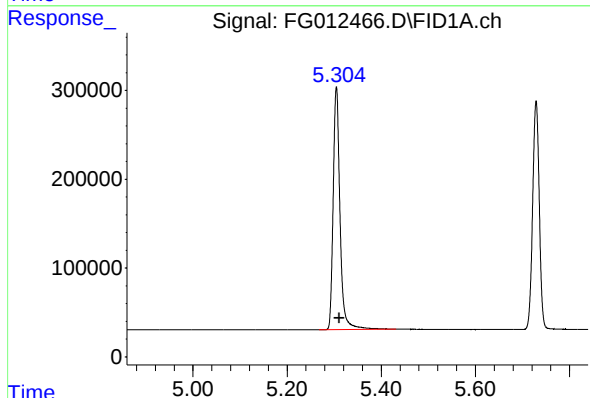
R.T.: 2.733 min
Delta R.T.: -0.004 min
Response: 2420651
Conc: 19.46 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



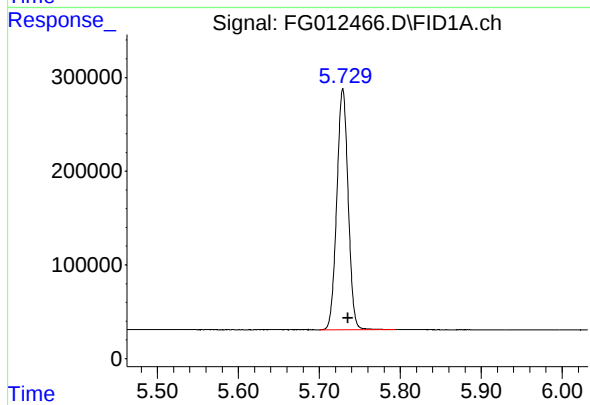
#2 n-Decane (C10)

R.T.: 3.741 min
Delta R.T.: -0.005 min
Response: 2471682
Conc: 19.44 ug/ml



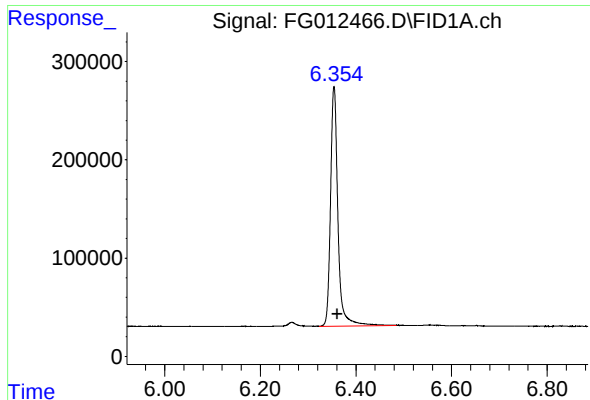
#3 A~Naphthalene (C11.7)

R.T.: 5.305 min
Delta R.T.: -0.006 min
Response: 2749699
Conc: 19.87 ug/ml



#4 n-Dodecane (C12)

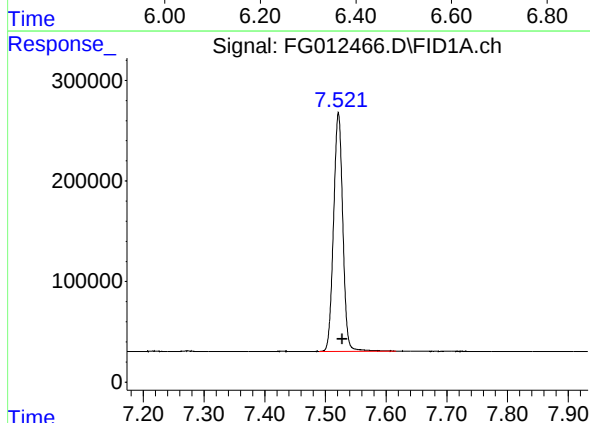
R.T.: 5.729 min
Delta R.T.: -0.006 min
Response: 2503813
Conc: 19.46 ug/ml



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

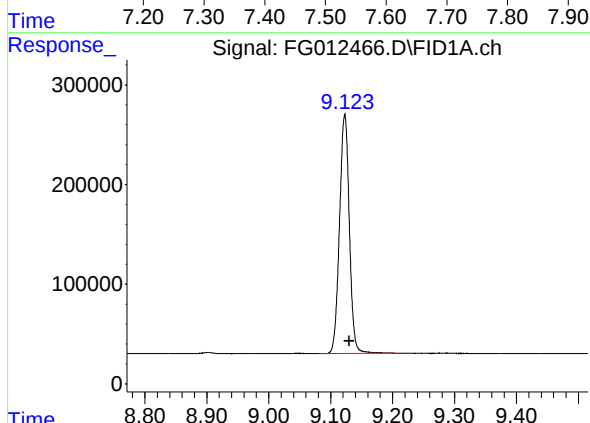
R.T.: 6.354 min
Delta R.T.: -0.006 min
Response: 2606835
Conc: 19.96 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



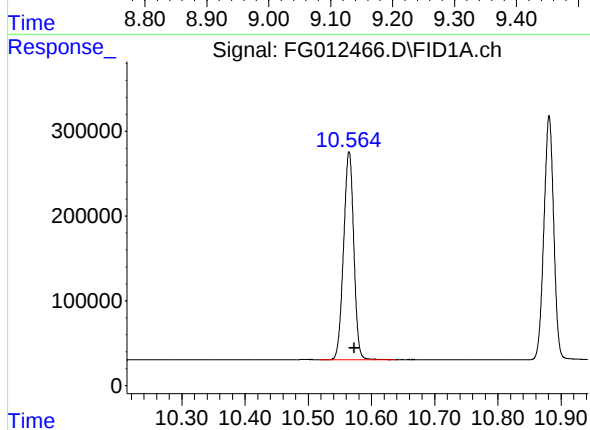
#6 n-Tetradecane (C14)

R.T.: 7.522 min
Delta R.T.: -0.007 min
Response: 2511229
Conc: 19.66 ug/ml



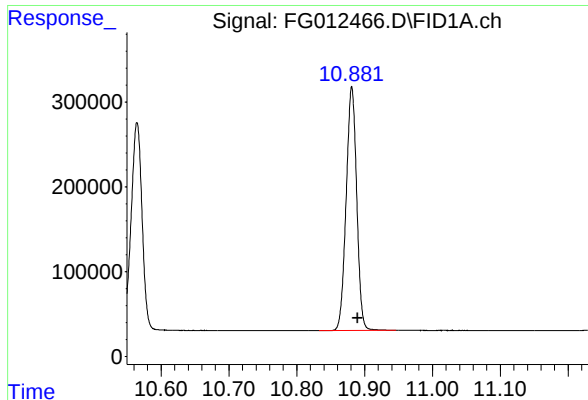
#7 n-Hexadecane (C16)

R.T.: 9.123 min
Delta R.T.: -0.007 min
Response: 2652038
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

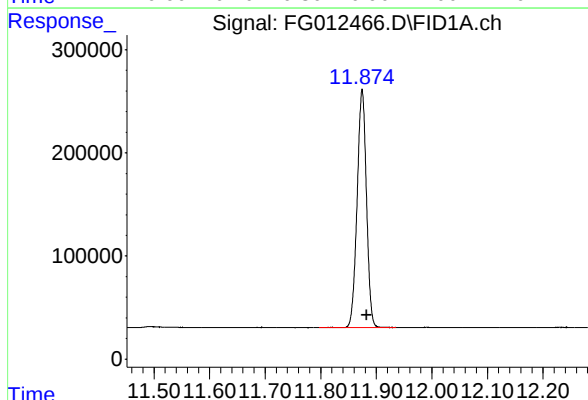
R.T.: 10.565 min
Delta R.T.: -0.008 min
Response: 2754845
Conc: 19.84 ug/ml



#9 ortho-Terphenyl (SURR)

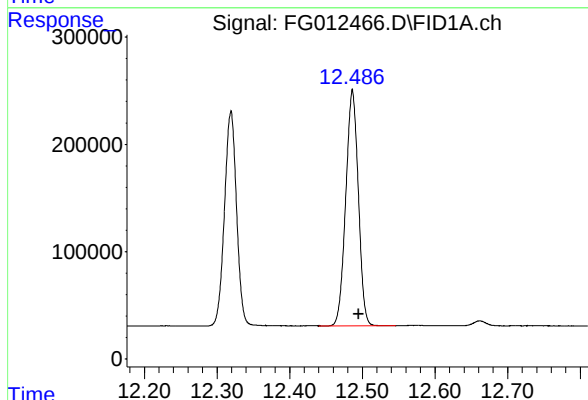
R.T.: 10.881 min
Delta R.T.: -0.009 min
Response: 3105734
Conc: 19.88 ug/ml

Instrument :
FID_G
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20 PPM ALIPHATIC HC STD



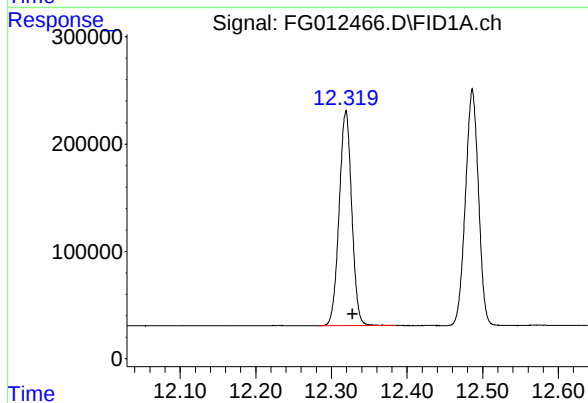
#10 n-Eicosane (C20)

R.T.: 11.875 min
Delta R.T.: -0.008 min
Response: 2690996
Conc: 19.90 ug/ml



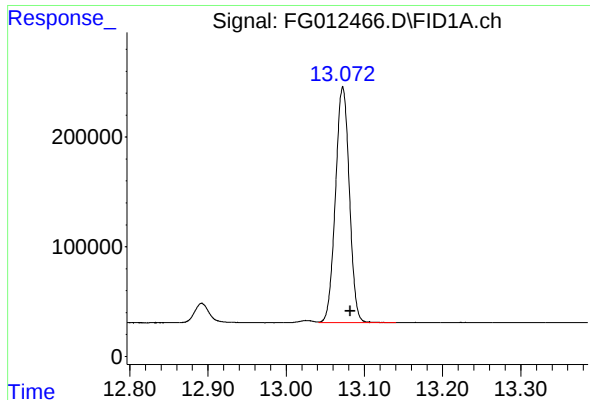
#11 n-Heneicosane (C21)

R.T.: 12.486 min
Delta R.T.: -0.009 min
Response: 2639320
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

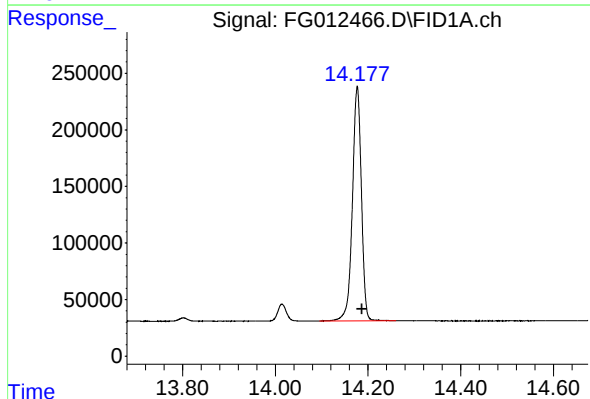
R.T.: 12.319 min
Delta R.T.: -0.009 min
Response: 2316492
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

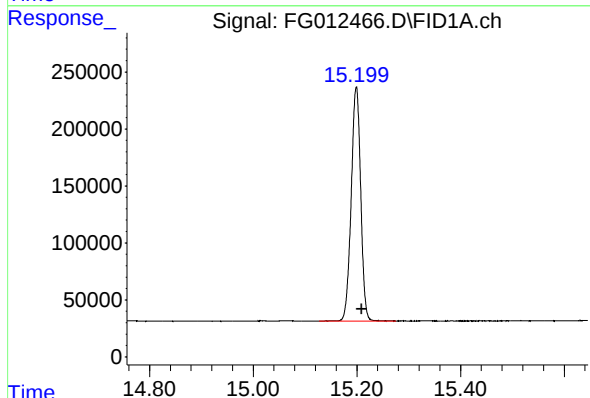
R.T.: 13.072 min
Delta R.T.: -0.010 min
Response: 2654665
Conc: 20.14 ug/ml

Instrument :
FID_G
ClientSampleId :
20 PPM ALIPHATIC HC STD



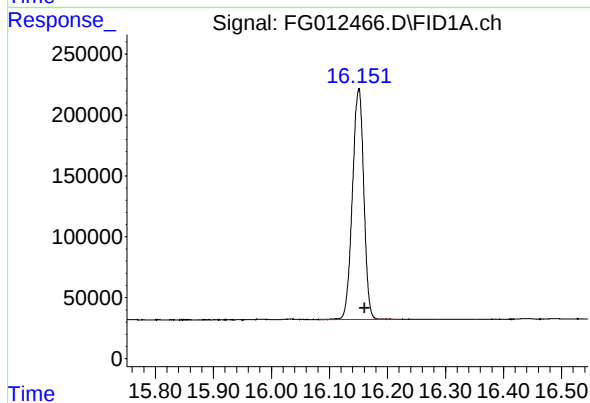
#14 n-Tetracosane (C24)

R.T.: 14.177 min
Delta R.T.: -0.010 min
Response: 2789721
Conc: 19.86 ug/ml



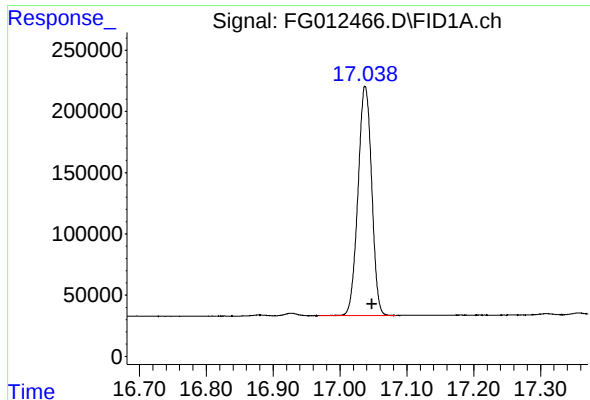
#15 n-Hexacosane (C26)

R.T.: 15.199 min
Delta R.T.: -0.010 min
Response: 2611844
Conc: 20.69 ug/ml



#16 n-Octacosane (C28)

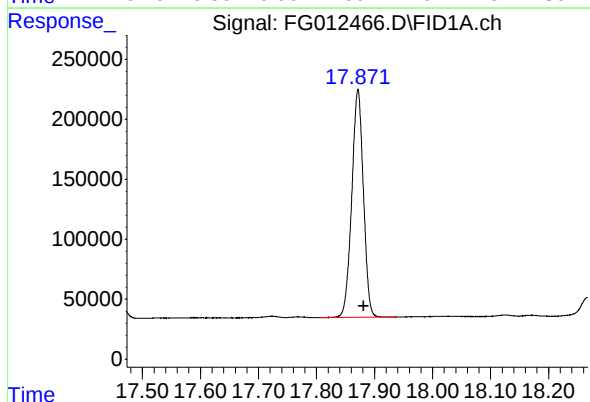
R.T.: 16.151 min
Delta R.T.: -0.010 min
Response: 2582482
Conc: 20.54 ug/ml



#17 n-Tricontane (C30)

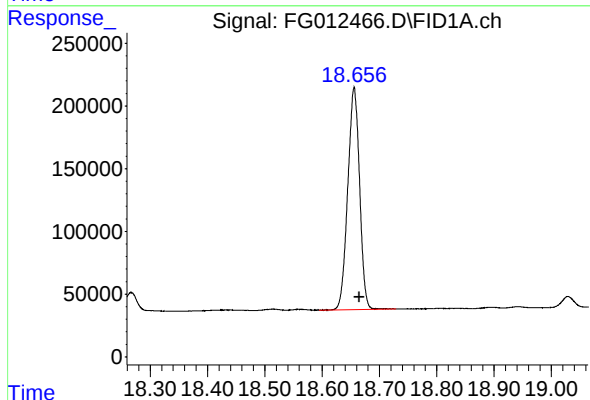
R.T.: 17.038 min
Delta R.T.: -0.010 min
Response: 2660281
Conc: 20.13 ug/ml

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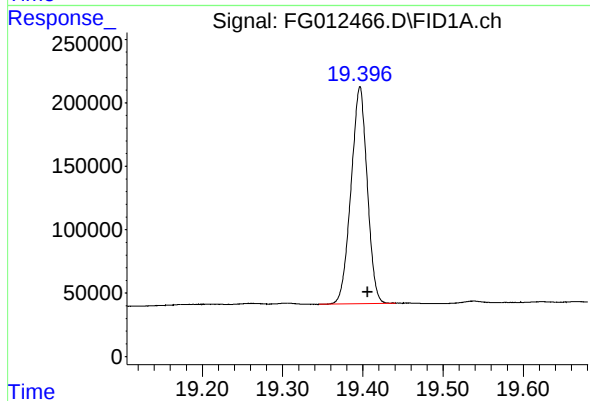
#18 n-Dotriacontane (C32)

R.T.: 17.872 min
Delta R.T.: -0.010 min
Response: 2646720
Conc: 19.89 ug/ml



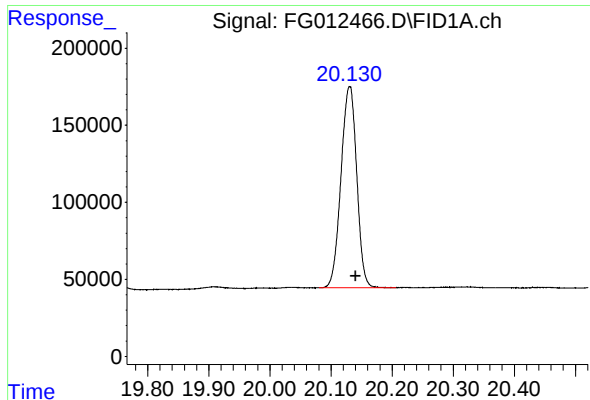
#19 n-Tetatriacontane (C34)

R.T.: 18.656 min
Delta R.T.: -0.009 min
Response: 2536077
Conc: 19.79 ug/ml



#20 n-Hexatriacontane (C36)

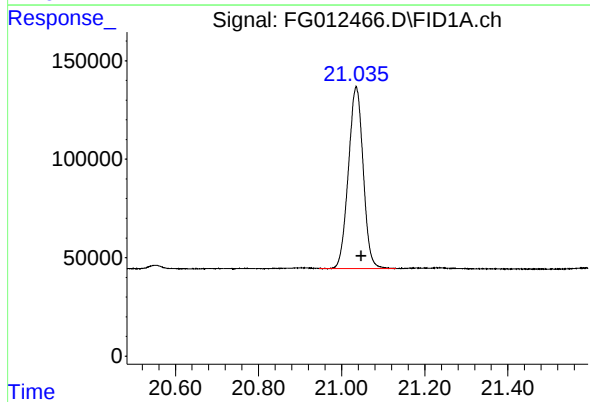
R.T.: 19.396 min
Delta R.T.: -0.010 min
Response: 2397142
Conc: 19.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.131 min
Delta R.T.: -0.009 min
Response: 2335017
Conc: 19.55 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.035 min
Delta R.T.: -0.013 min
Response: 2277570
Conc: 19.66 ug/ml