

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052324AL\
 Data File : FC066443.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2024 11:56
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 24 02:52:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050124.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:03:15 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)	11.555	2923523	17.683 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
12) S 1-chlorooctadecane (S...	12.995	2167166	17.668 ug/ml
Spiked Amount 50.000		Recovery =	35.34%
Target Compounds			
1) T n-Nonane (C9)	3.313	2437979	16.142 ug/ml
2) T n-Decane (C10)	4.380	2593557	16.865 ug/ml
3) T A~Naphthalene (C11.7)	5.962	2871904	16.904 ug/ml
4) T n-Dodecane (C12)	6.400	2639788	17.177 ug/ml
5) T A~2-methylnaphthalene...	7.019	2800893	16.995 ug/ml
6) T n-Tetradecane (C14)	8.197	2618380	17.301 ug/ml
7) T n-Hexadecane (C16)	9.798	2706031	17.697 ug/ml
8) T n-Octadecane (C18)	11.241	2717586	17.904 ug/ml
10) T n-Eicosane (C20)	12.551	2596129	18.047 ug/ml
11) T n-Heneicosane (C21)	13.163	2537351	18.051 ug/ml
13) T n-Docosane (C22)	13.749	2530085	18.071 ug/ml
14) T n-Tetracosane (C24)	14.853	2525009	17.936 ug/ml
15) T n-Hexacosane (C26)	15.873	2478728	18.121 ug/ml
16) T n-Octacosane (C28)	16.823	2500256	18.670 ug/ml
17) T n-Tricontane (C30)	17.711	2689063	19.954 ug/ml
18) T n-Dotriacontane (C32)	18.544	2698993	20.962 ug/ml
19) T n-Tetratriacontane (C34)	19.326	2497868	21.112 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2293752	19.955 ug/ml
21) T n-Octatriacontane (C38)	20.800	2169212	20.153 ug/ml
22) T n-Tetracontane (C40)	21.710	2062874	19.237 ug/ml

(f)=RT Delta > 1/2 Window

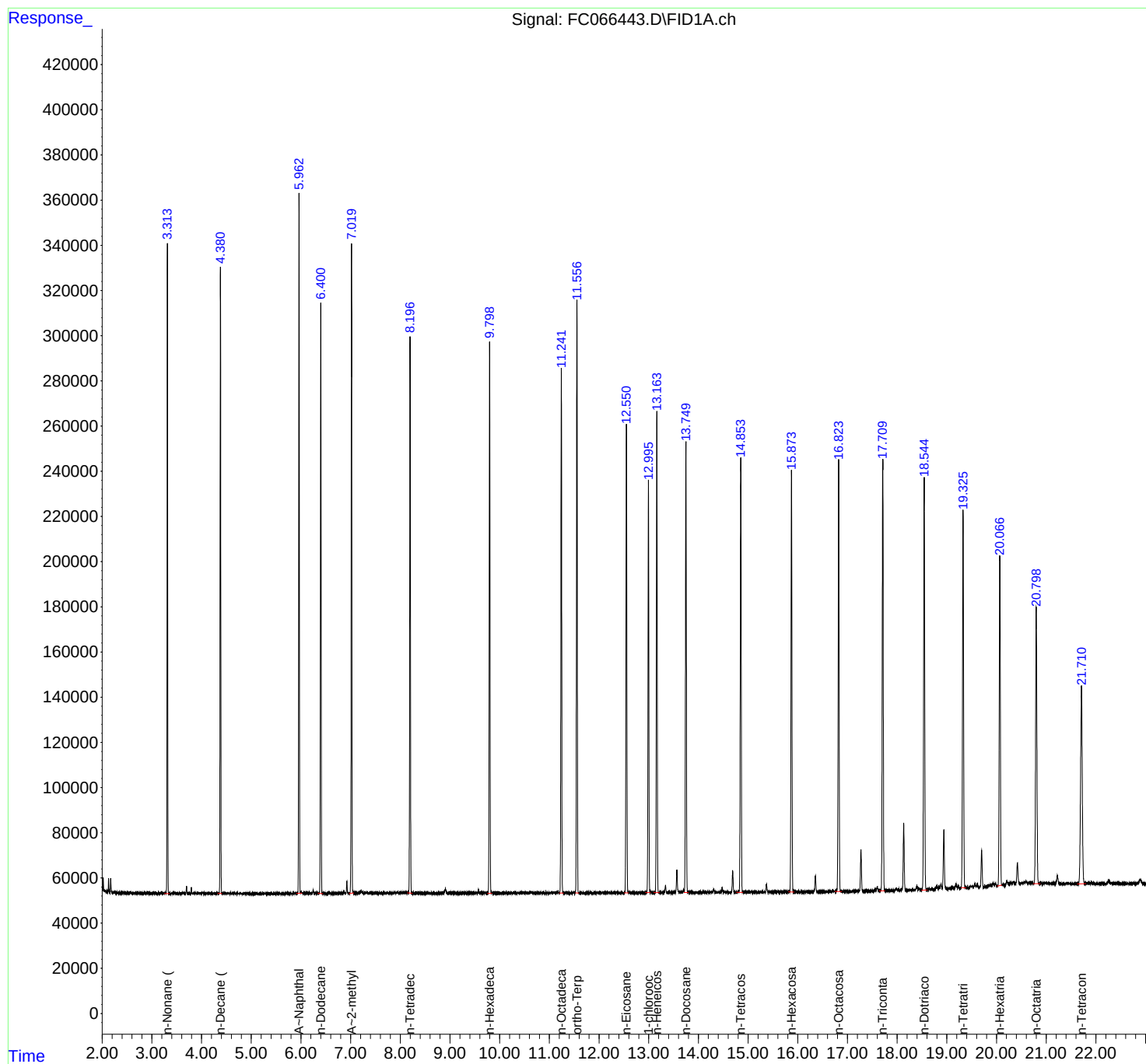
(m)=manual int.

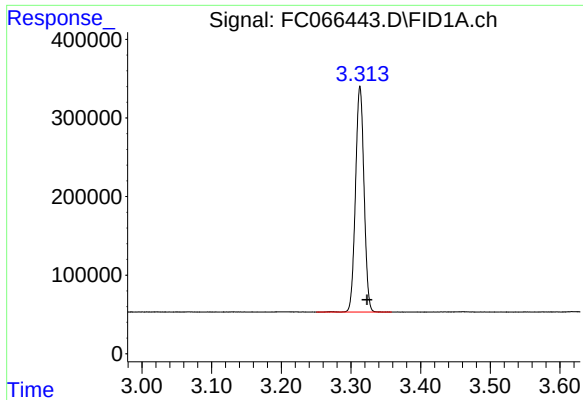
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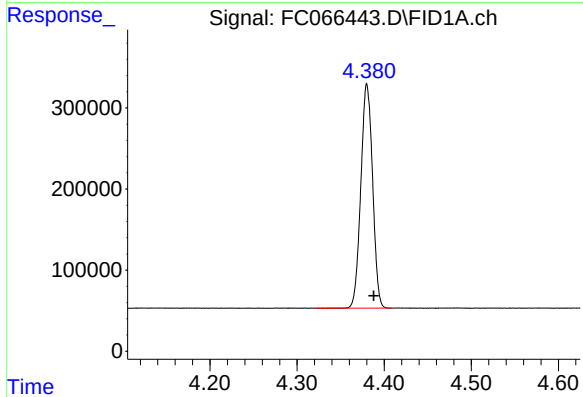




#1 n-Nonane (C9)

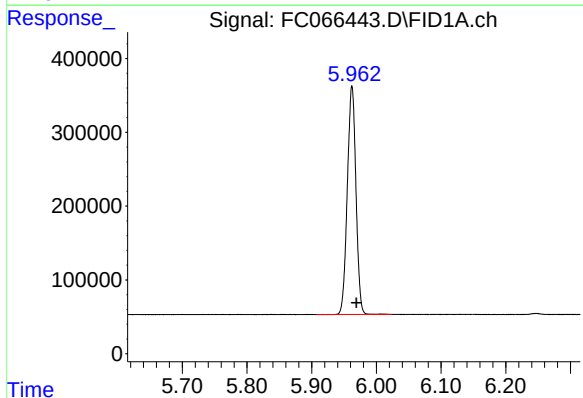
R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 2437979
Conc: 16.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



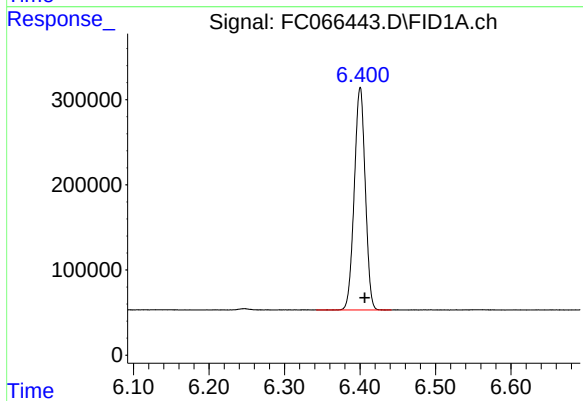
#2 n-Decane (C10)

R.T.: 4.380 min
Delta R.T.: -0.008 min
Response: 2593557
Conc: 16.86 ug/ml



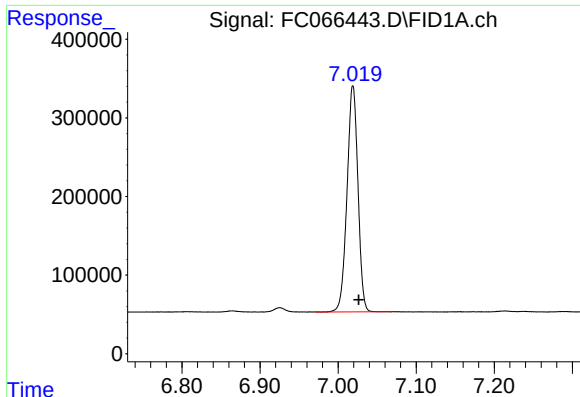
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.007 min
Response: 2871904
Conc: 16.90 ug/ml



#4 n-Dodecane (C12)

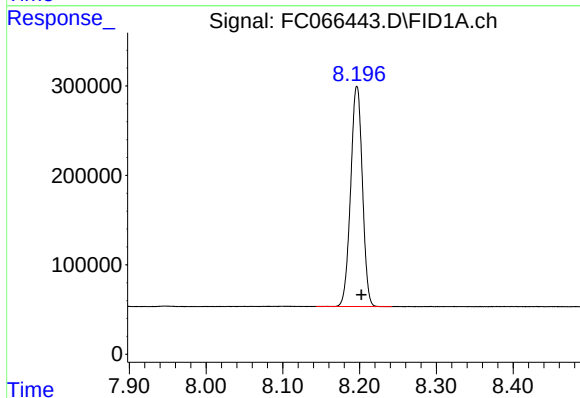
R.T.: 6.400 min
Delta R.T.: -0.006 min
Response: 2639788
Conc: 17.18 ug/ml



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

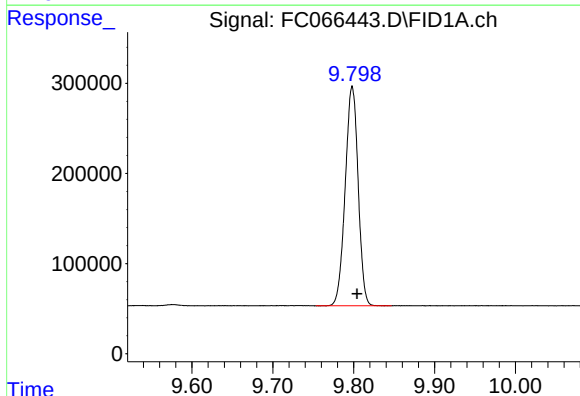
R.T.: 7.019 min
Delta R.T.: -0.007 min
Response: 2800893
Conc: 16.99 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



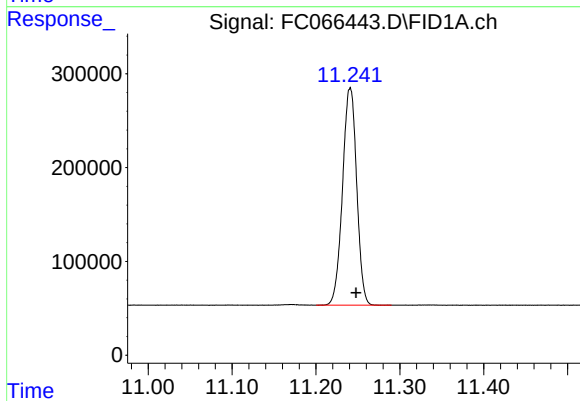
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: -0.006 min
Response: 2618380
Conc: 17.30 ug/ml



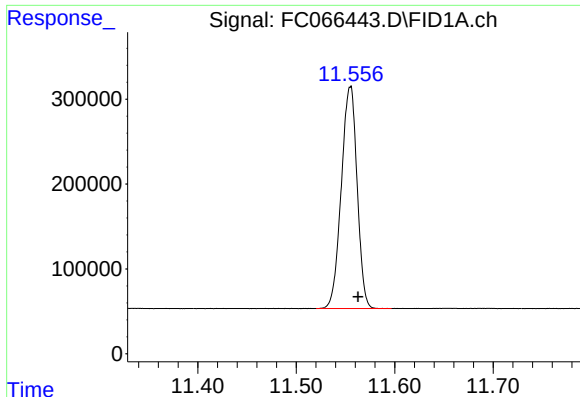
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: -0.006 min
Response: 2706031
Conc: 17.70 ug/ml



#8 n-Octadecane (C18)

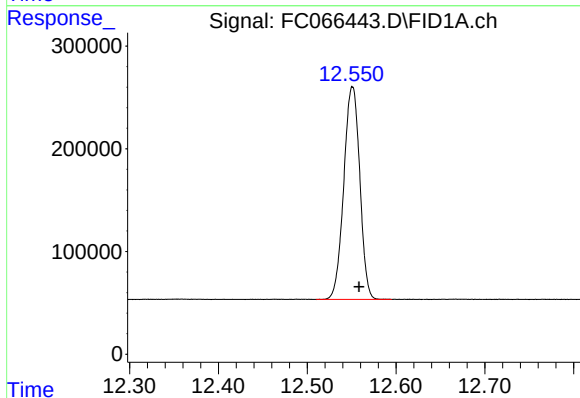
R.T.: 11.241 min
Delta R.T.: -0.007 min
Response: 2717586
Conc: 17.90 ug/ml



#9 ortho-Terphenyl (SURR)

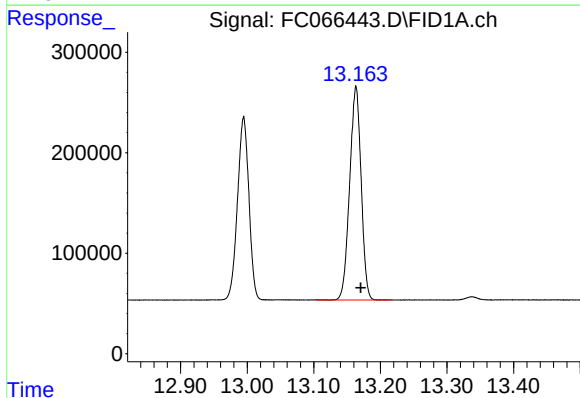
R.T.: 11.555 min
Delta R.T.: -0.008 min
Response: 2923523
Conc: 17.68 ug/ml

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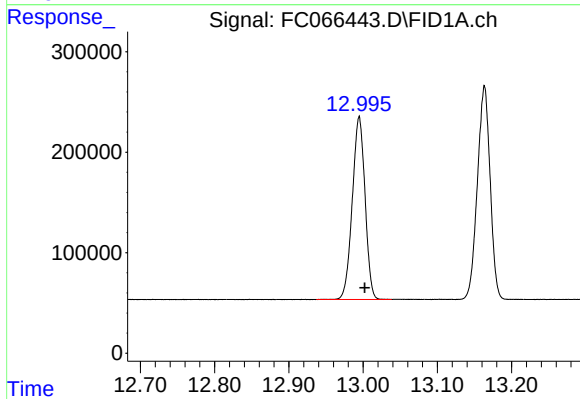
#10 n-Eicosane (C20)

R.T.: 12.551 min
Delta R.T.: -0.007 min
Response: 2596129
Conc: 18.05 ug/ml



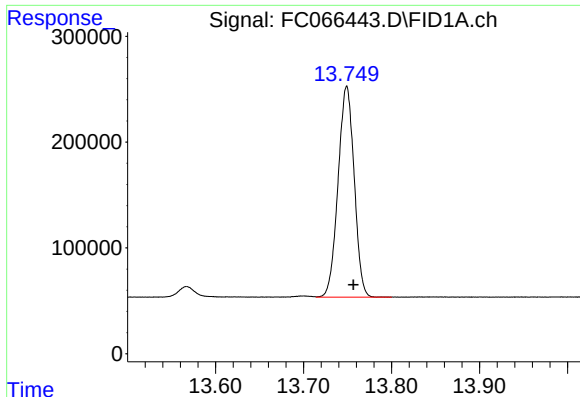
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: -0.007 min
Response: 2537351
Conc: 18.05 ug/ml



#12 1-chlorooctadecane (SURR)

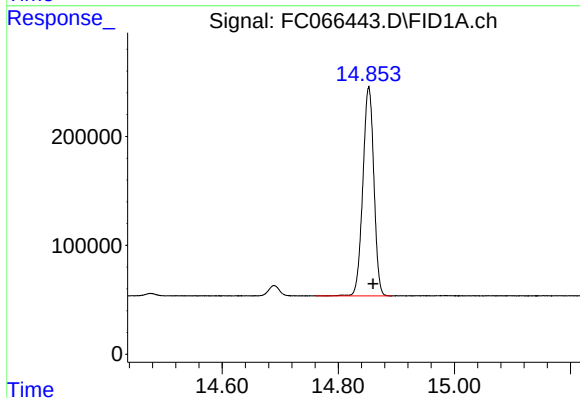
R.T.: 12.995 min
Delta R.T.: -0.008 min
Response: 2167166
Conc: 17.67 ug/ml



#13 n-Docosane (C22)

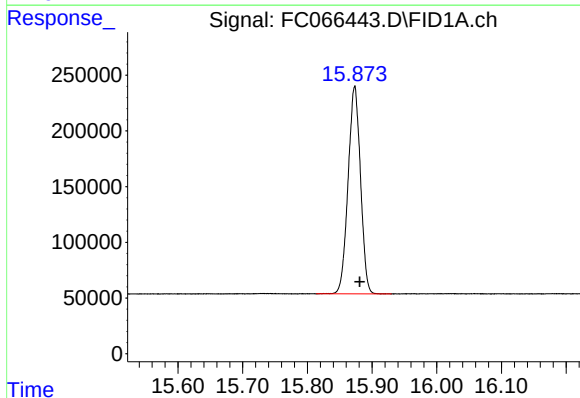
R.T.: 13.749 min
Delta R.T.: -0.008 min
Response: 2530085
Conc: 18.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



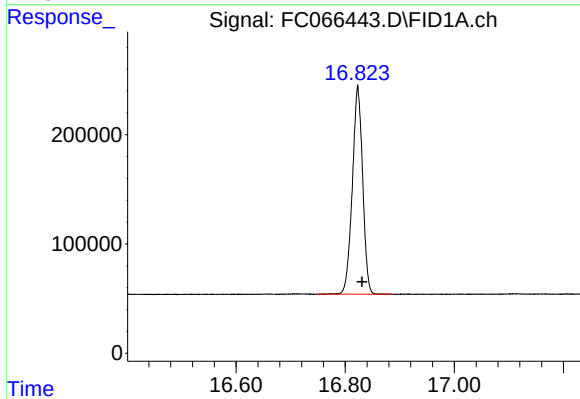
#14 n-Tetracosane (C24)

R.T.: 14.853 min
Delta R.T.: -0.008 min
Response: 2525009
Conc: 17.94 ug/ml



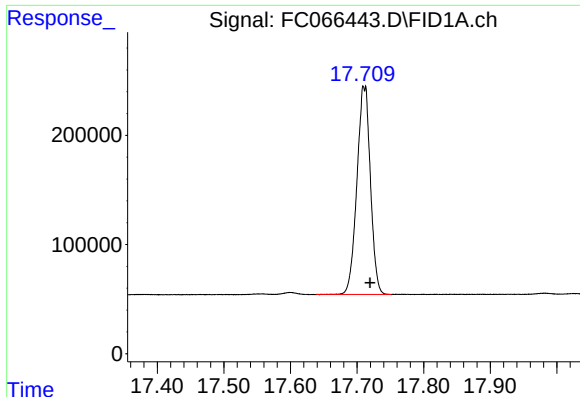
#15 n-Hexacosane (C26)

R.T.: 15.873 min
Delta R.T.: -0.008 min
Response: 2478728
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

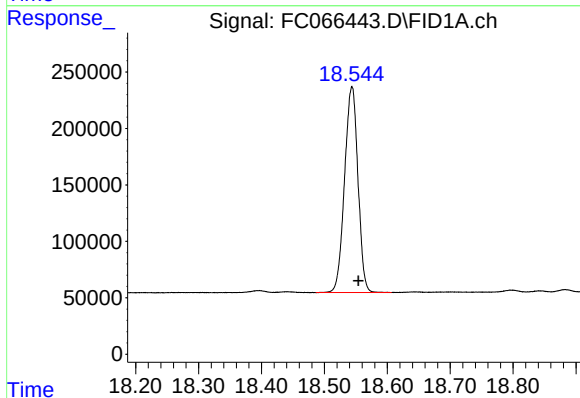
R.T.: 16.823 min
Delta R.T.: -0.008 min
Response: 2500256
Conc: 18.67 ug/ml



#17 n-Tricontane (C30)

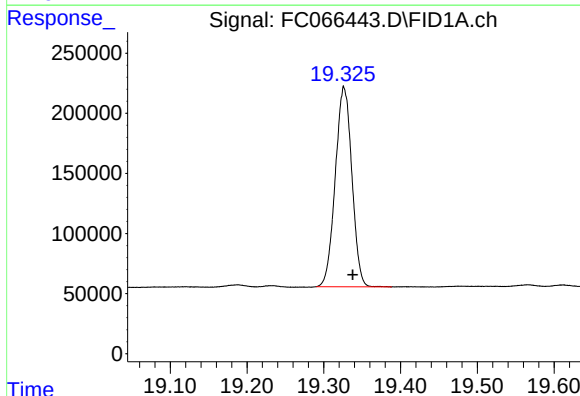
R.T.: 17.711 min
Delta R.T.: -0.009 min
Response: 2689063
Conc: 19.95 ug/ml

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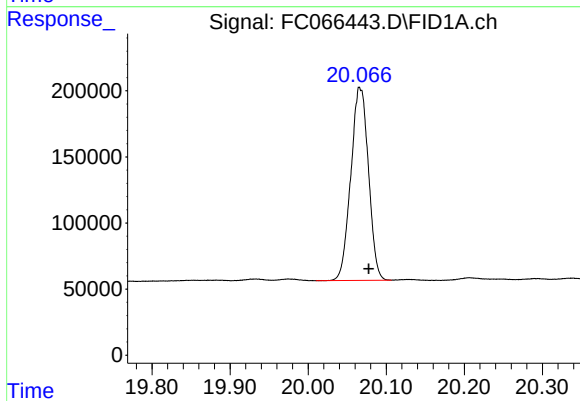
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.010 min
Response: 2698993
Conc: 20.96 ug/ml



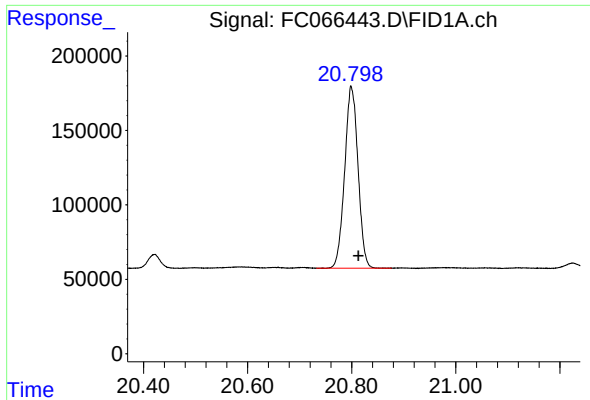
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: -0.011 min
Response: 2497868
Conc: 21.11 ug/ml



#20 n-Hexatriacontane (C36)

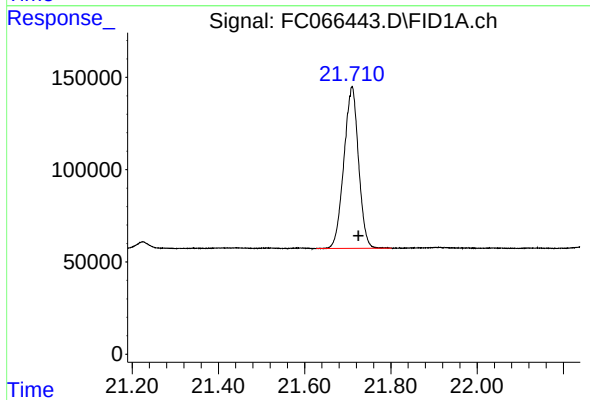
R.T.: 20.067 min
Delta R.T.: -0.011 min
Response: 2293752
Conc: 19.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: -0.013 min
Response: 2169212
Conc: 20.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.710 min
Delta R.T.: -0.015 min
Response: 2062874
Conc: 19.24 ug/ml