

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052424AL\
 Data File : FC066464.D
 Signal(s) : FID1A.ch
 Acq On : 24 May 2024 10:59
 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 25 02:09:18 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)	11.553	2894502	17.507 ug/ml
Spiked Amount 50.000		Recovery =	35.01%
12) S 1-chlorooctadecane (S...	12.992	2173415	17.719 ug/ml
Spiked Amount 50.000		Recovery =	35.44%
Target Compounds			
1) T n-Nonane (C9)	3.310	2399124	15.885 ug/ml
2) T n-Decane (C10)	4.378	2550369	16.584 ug/ml
3) T A~Naphthalene (C11.7)	5.961	2822074	16.611 ug/ml
4) T n-Dodecane (C12)	6.399	2589813	16.852 ug/ml
5) T A~2-methylnaphthalene...	7.018	2744303	16.651 ug/ml
6) T n-Tetradecane (C14)	8.195	2577016	17.028 ug/ml
7) T n-Hexadecane (C16)	9.797	2677511	17.511 ug/ml
8) T n-Octadecane (C18)	11.239	2699144	17.782 ug/ml
10) T n-Eicosane (C20)	12.549	2587250	17.985 ug/ml
11) T n-Heneicosane (C21)	13.161	2536749	18.047 ug/ml
13) T n-Docosane (C22)	13.748	2530203	18.072 ug/ml
14) T n-Tetracosane (C24)	14.851	2537809	18.027 ug/ml
15) T n-Hexacosane (C26)	15.872	2498013	18.262 ug/ml
16) T n-Octacosane (C28)	16.822	2536038	18.937 ug/ml
17) T n-Tricontane (C30)	17.709	2755384	20.446 ug/ml
18) T n-Dotriacontane (C32)	18.542	2798150	21.732 ug/ml
19) T n-Tetratriacontane (C34)	19.326	2586784	21.864 ug/ml
20) T n-Hexatriacontane (C36)	20.066	2504664	21.790 ug/ml
21) T n-Octatriacontane (C38)	20.799	2268784	21.078 ug/ml
22) T n-Tetracontane (C40)	21.708	2177973	20.311 ug/ml

(f)=RT Delta > 1/2 Window

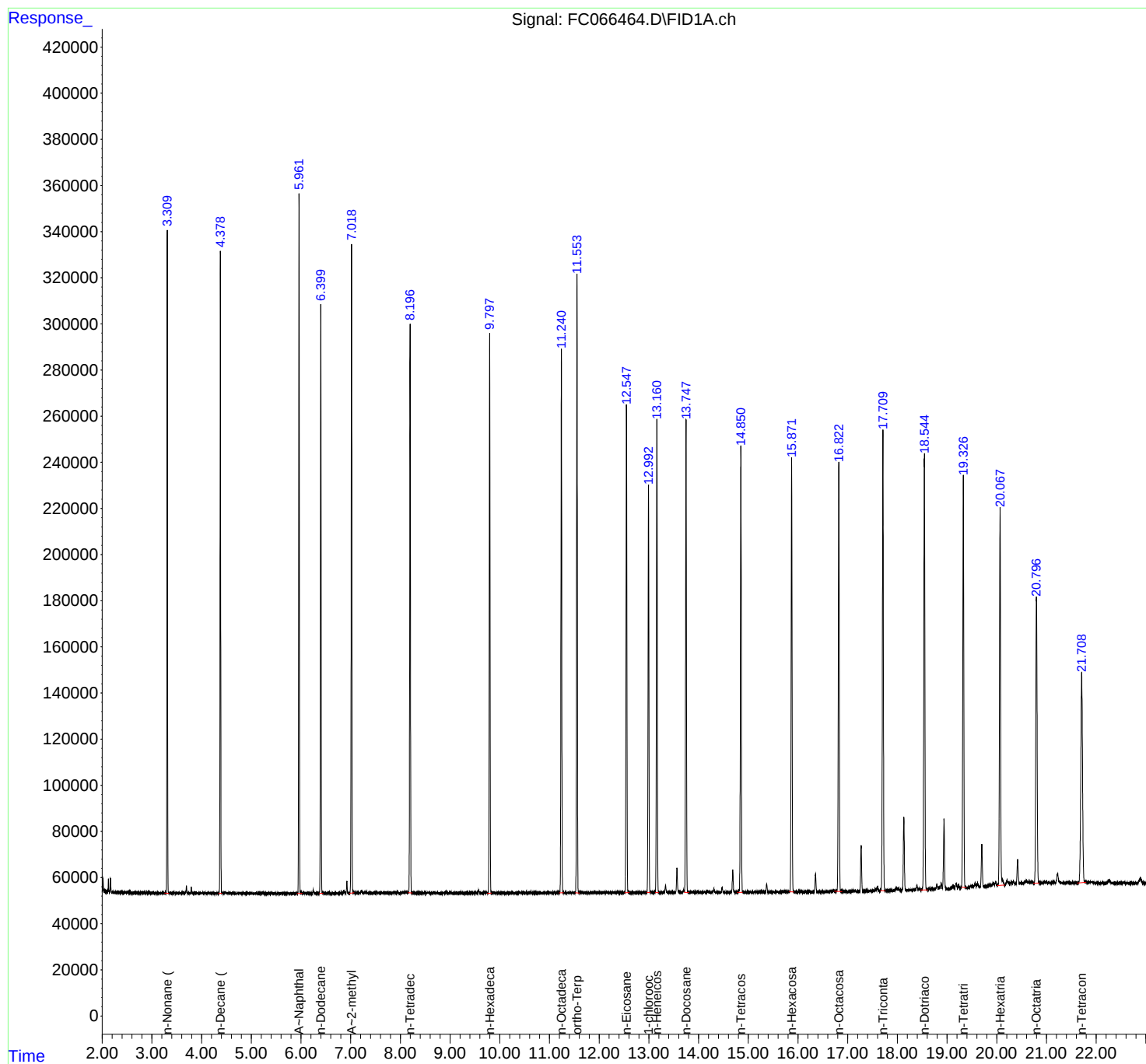
(m)=manual int.

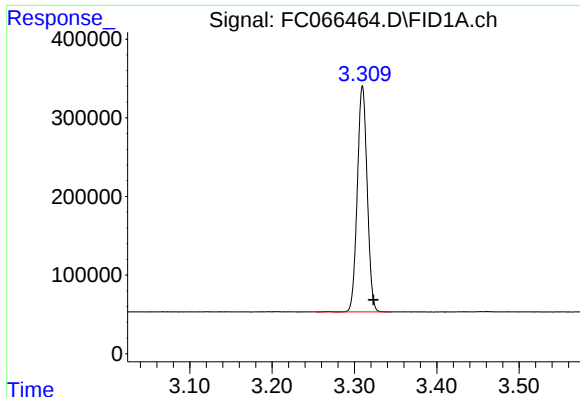
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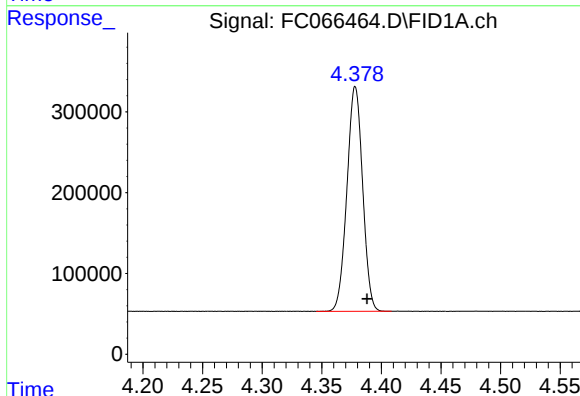




#1 n-Nonane (C9)

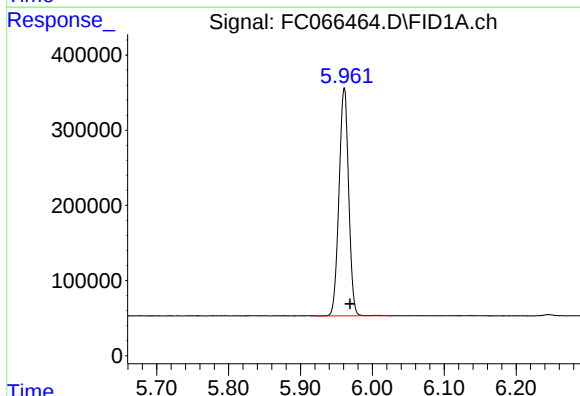
R.T.: 3.310 min
Delta R.T.: -0.013 min
Response: 2399124
Conc: 15.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



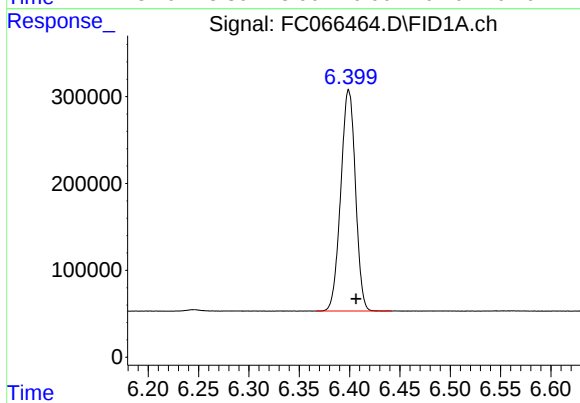
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.010 min
Response: 2550369
Conc: 16.58 ug/ml



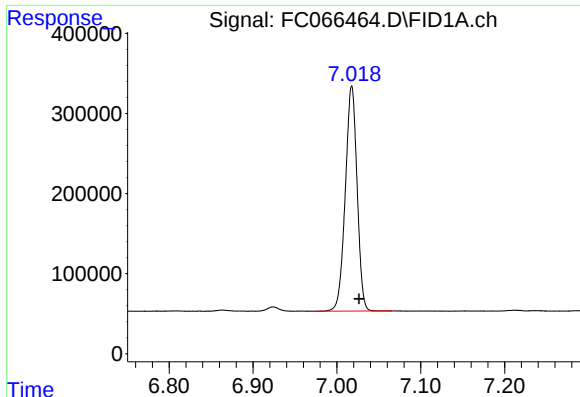
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.008 min
Response: 2822074
Conc: 16.61 ug/ml



#4 n-Dodecane (C12)

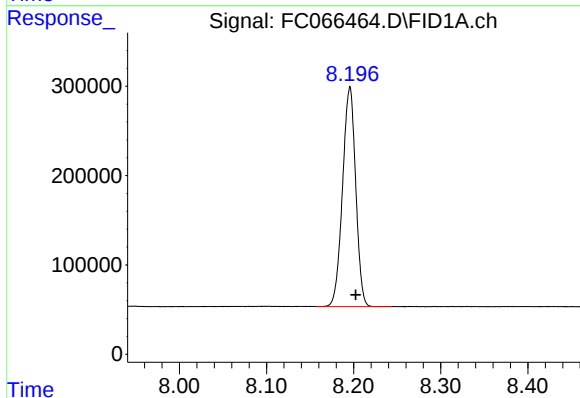
R.T.: 6.399 min
Delta R.T.: -0.007 min
Response: 2589813
Conc: 16.85 ug/ml



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

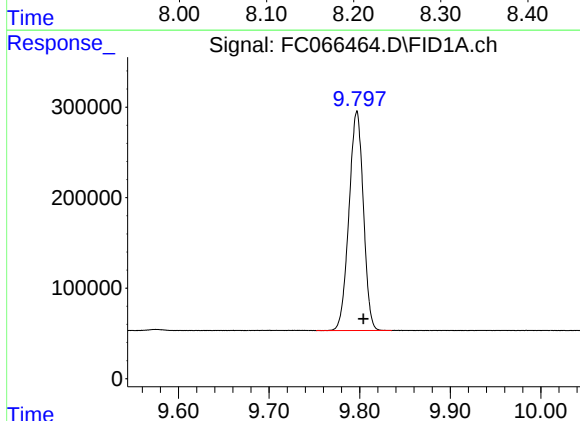
R.T.: 7.018 min
Delta R.T.: -0.009 min
Response: 2744303
Conc: 16.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



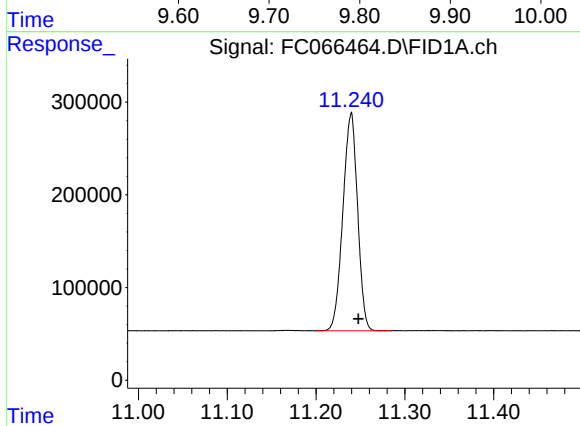
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.007 min
Response: 2577016
Conc: 17.03 ug/ml



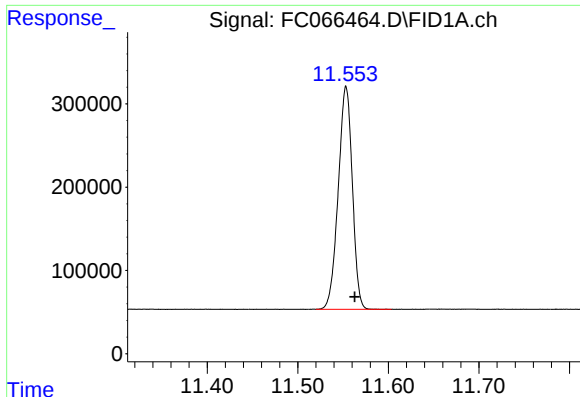
#7 n-Hexadecane (C16)

R.T.: 9.797 min
Delta R.T.: -0.007 min
Response: 2677511
Conc: 17.51 ug/ml



#8 n-Octadecane (C18)

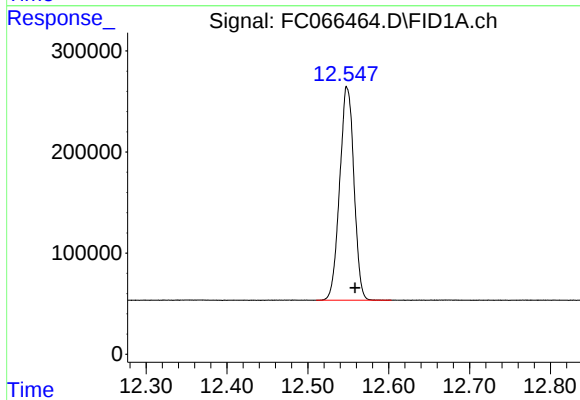
R.T.: 11.239 min
Delta R.T.: -0.009 min
Response: 2699144
Conc: 17.78 ug/ml



#9 ortho-Terphenyl (SURR)

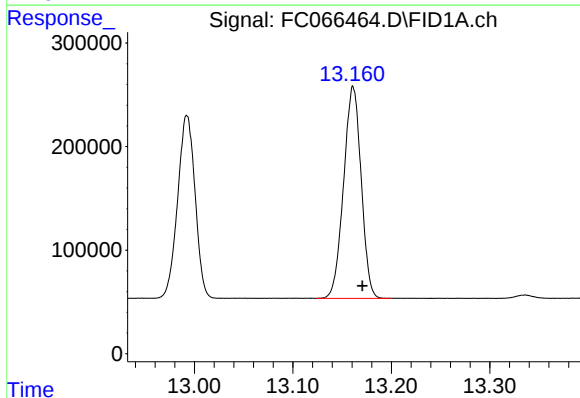
R.T.: 11.553 min
Delta R.T.: -0.010 min
Response: 2894502
Conc: 17.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



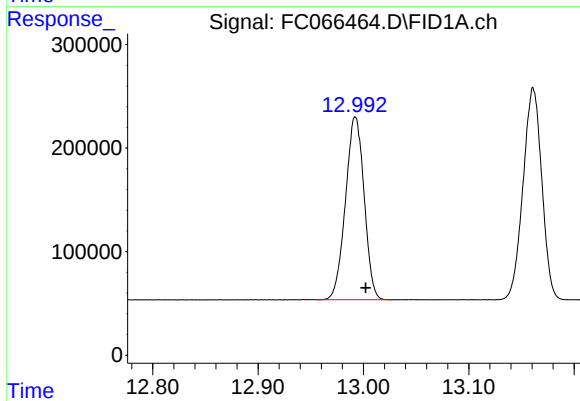
#10 n-Eicosane (C20)

R.T.: 12.549 min
Delta R.T.: -0.009 min
Response: 2587250
Conc: 17.99 ug/ml



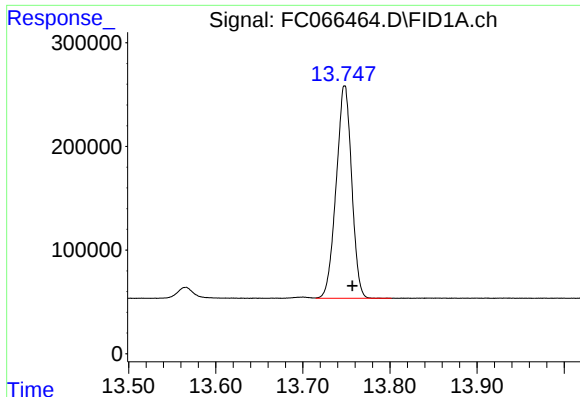
#11 n-Heneicosane (C21)

R.T.: 13.161 min
Delta R.T.: -0.009 min
Response: 2536749
Conc: 18.05 ug/ml



#12 1-chlorooctadecane (SURR)

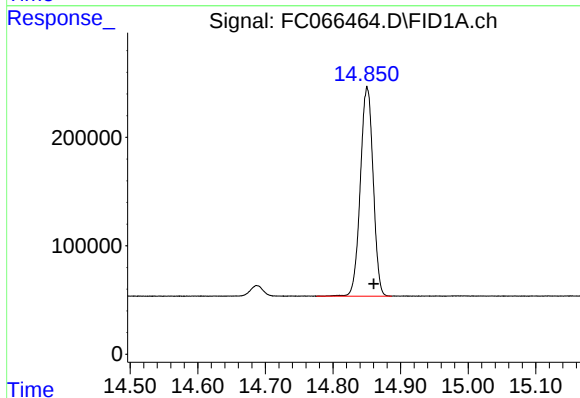
R.T.: 12.992 min
Delta R.T.: -0.010 min
Response: 2173415
Conc: 17.72 ug/ml



#13 n-Docosane (C22)

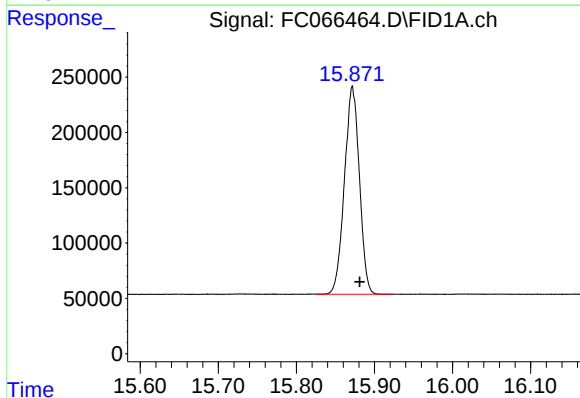
R.T.: 13.748 min
Delta R.T.: -0.009 min
Response: 2530203
Conc: 18.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



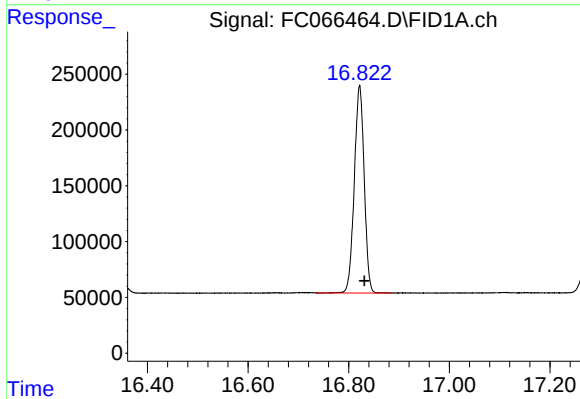
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.010 min
Response: 2537809
Conc: 18.03 ug/ml



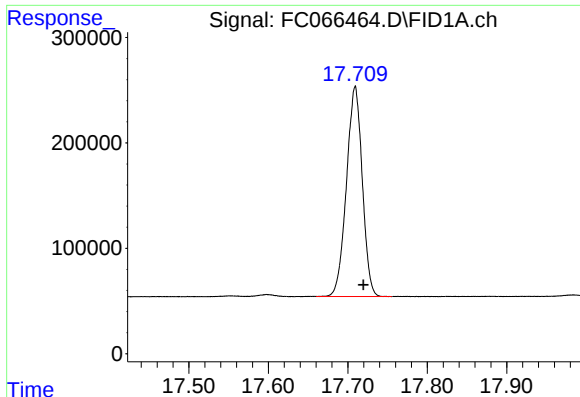
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: -0.009 min
Response: 2498013
Conc: 18.26 ug/ml



#16 n-Octacosane (C28)

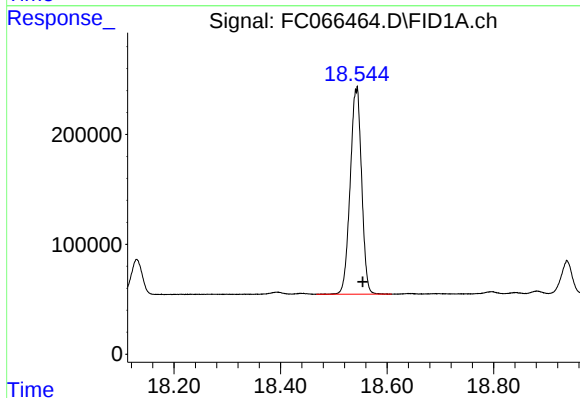
R.T.: 16.822 min
Delta R.T.: -0.010 min
Response: 2536038
Conc: 18.94 ug/ml



#17 n-Tricontane (C30)

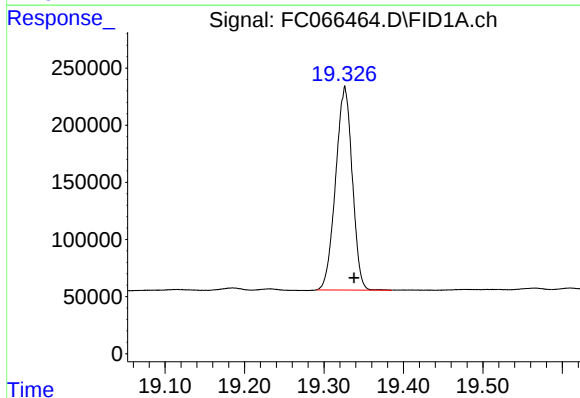
R.T.: 17.709 min
Delta R.T.: -0.010 min
Response: 2755384
Conc: 20.45 ug/ml

Instrument :
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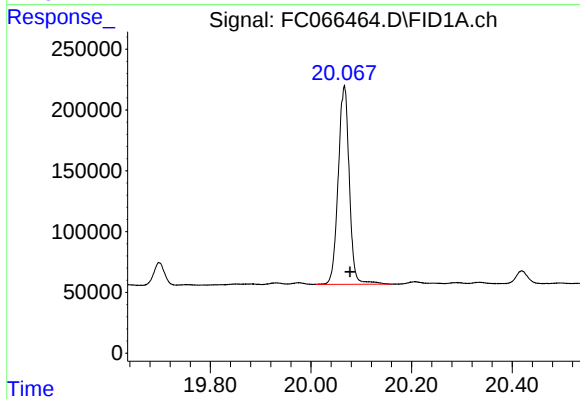
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: -0.012 min
Response: 2798150
Conc: 21.73 ug/ml



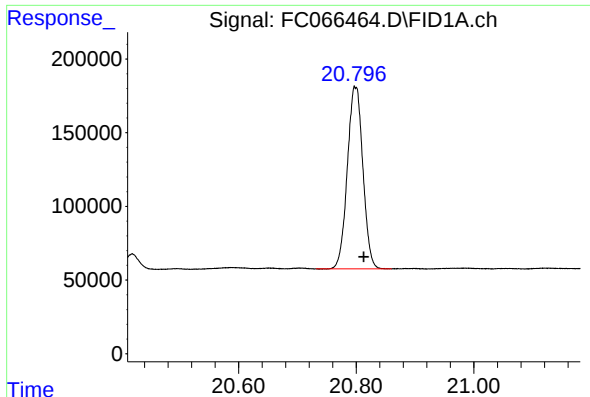
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: -0.012 min
Response: 2586784
Conc: 21.86 ug/ml



#20 n-Hexatriacontane (C36)

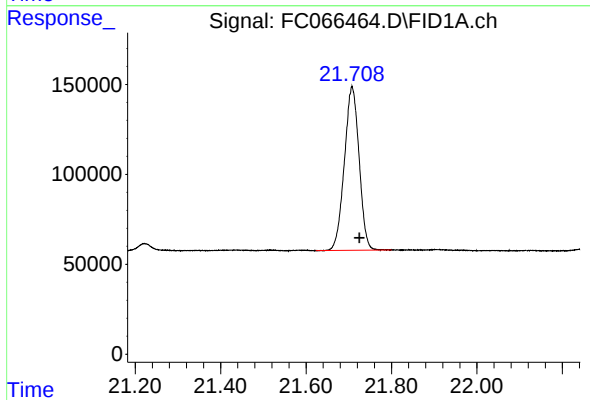
R.T.: 20.066 min
Delta R.T.: -0.012 min
Response: 2504664
Conc: 21.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: -0.014 min
Response: 2268784
Conc: 21.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.708 min
Delta R.T.: -0.018 min
Response: 2177973
Conc: 20.31 ug/ml