

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110123AL\
 Data File : FC064966.D
 Signal(s) : FID1A.ch
 Acq On : 01 Nov 2023 13:20
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 01 23:38:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.513	4280075	19.447 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	12.947	3047472	19.277 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.310	3831594	20.266 ug/ml
2) T n-Decane (C10)	4.372	3856139	20.280 ug/ml
3) T A~Naphthalene (C11.7)	5.952	3976987	20.598 ug/ml
4) T n-Dodecane (C12)	6.383	3872340	20.046 ug/ml
5) T A~2-methylnaphthalene...	7.007	3775730	20.547 ug/ml
6) T n-Tetradecane (C14)	8.172	3759689	19.925 ug/ml
7) T n-Hexadecane (C16)	9.765	3761163	19.898 ug/ml
8) T n-Octadecane (C18)	11.201	3721293	19.718 ug/ml
10) T n-Eicosane (C20)	12.504	3520474	19.582 ug/ml
11) T n-Heneicosane (C21)	13.113	3412127	19.435 ug/ml
13) T n-Docosane (C22)	13.697	3323352	19.347 ug/ml
14) T n-Tetracosane (C24)	14.795	3202095	19.225 ug/ml
15) T n-Hexacosane (C26)	15.812	3053570	19.024 ug/ml
16) T n-Octacosane (C28)	16.758	2945193	18.819 ug/ml
17) T n-Tricontane (C30)	17.641	2938081	18.549 ug/ml
18) T n-Dotriacontane (C32)	18.469	2908171	18.418 ug/ml
19) T n-Tetratriacontane (C34)	19.251	2848475	18.661 ug/ml
20) T n-Hexatriacontane (C36)	19.987	2830657	18.761 ug/ml
21) T n-Octatriacontane (C38)	20.707	2816082	18.923 ug/ml
22) T n-Tetracontane (C40)	21.588	2778752	18.893 ug/ml

(f)=RT Delta > 1/2 Window

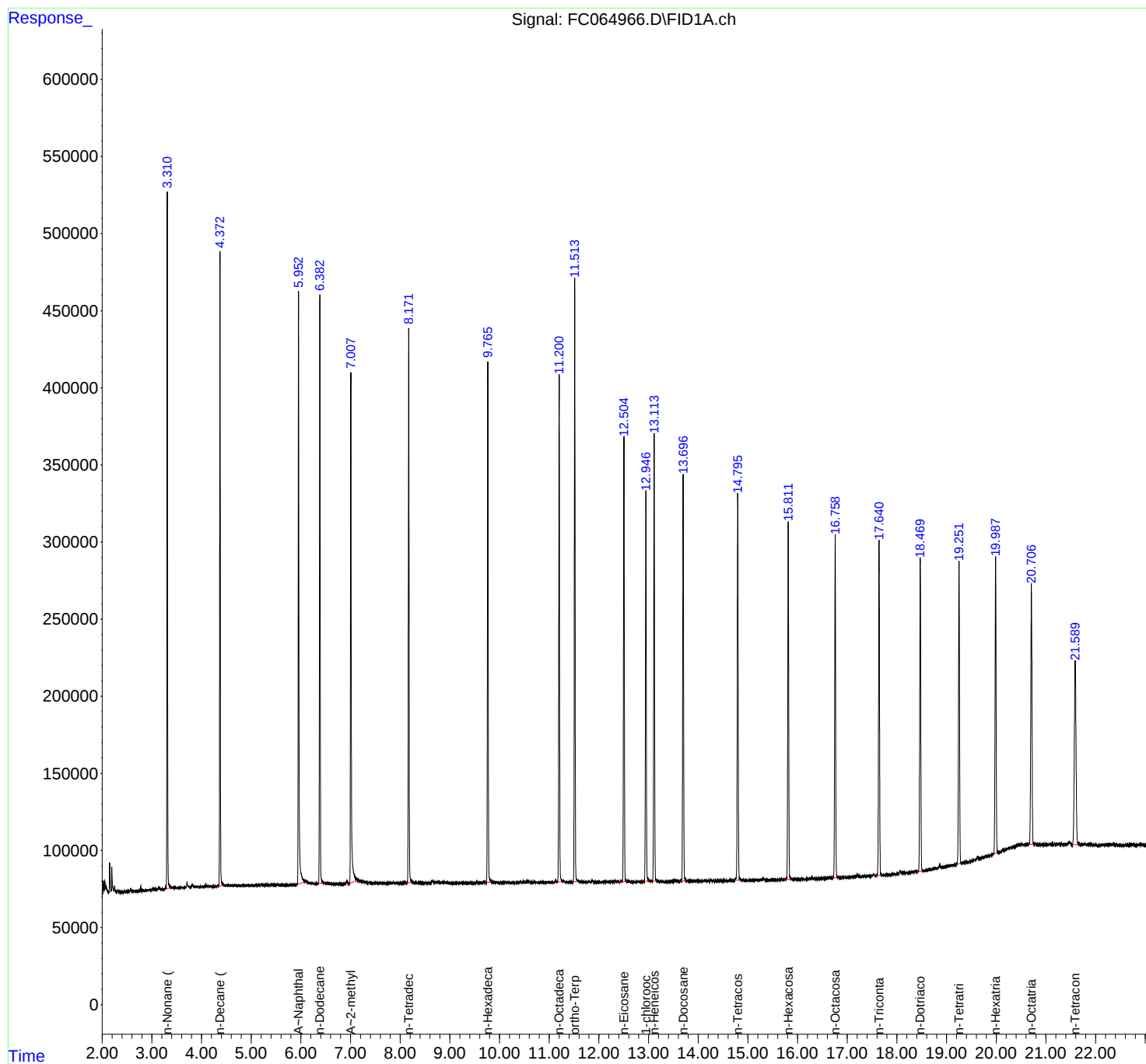
(m)=manual int.

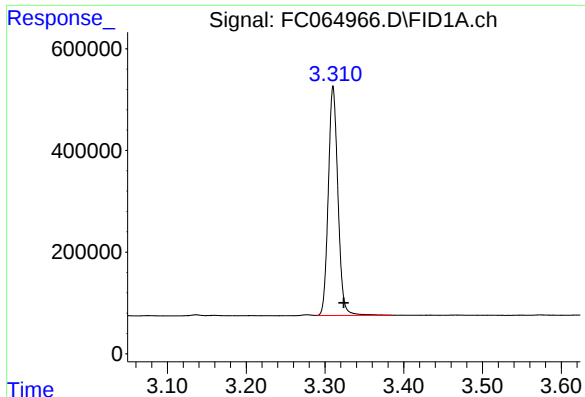
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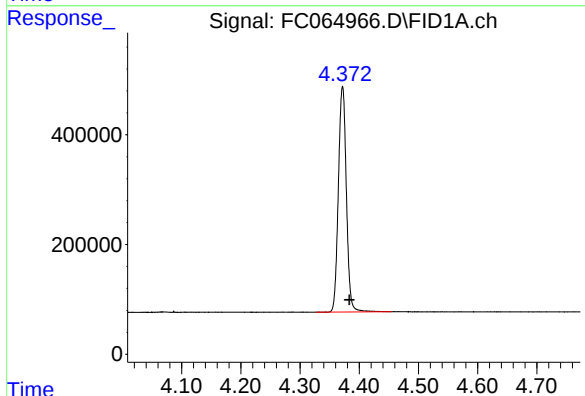




#1 n-Nonane (C9)

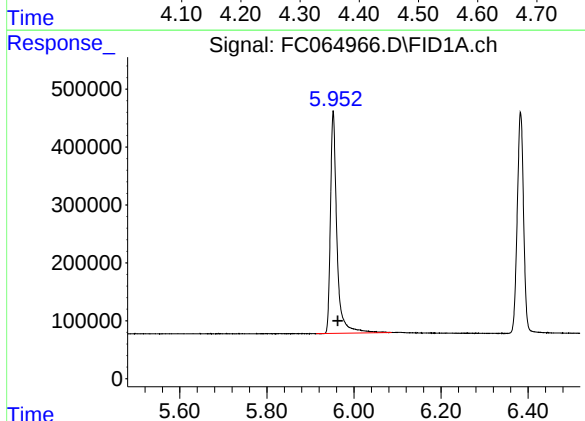
R.T.: 3.310 min
Delta R.T.: -0.014 min
Response: 3831594
Conc: 20.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



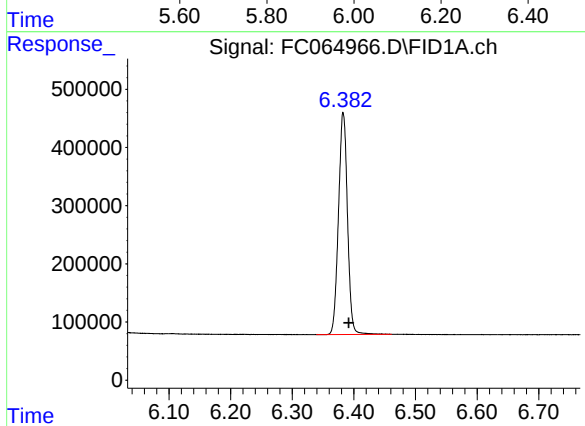
#2 n-Decane (C10)

R.T.: 4.372 min
Delta R.T.: -0.011 min
Response: 3856139
Conc: 20.28 ug/ml



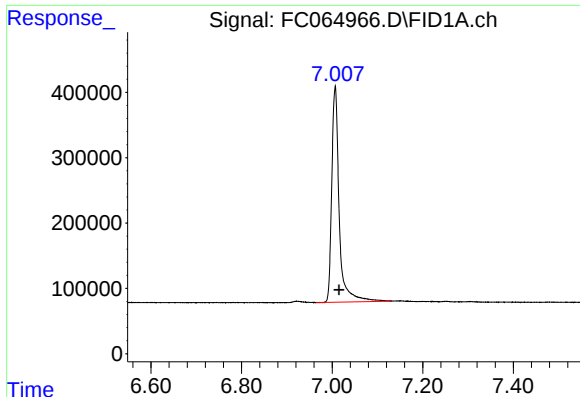
#3 A~Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.010 min
Response: 3976987
Conc: 20.60 ug/ml



#4 n-Dodecane (C12)

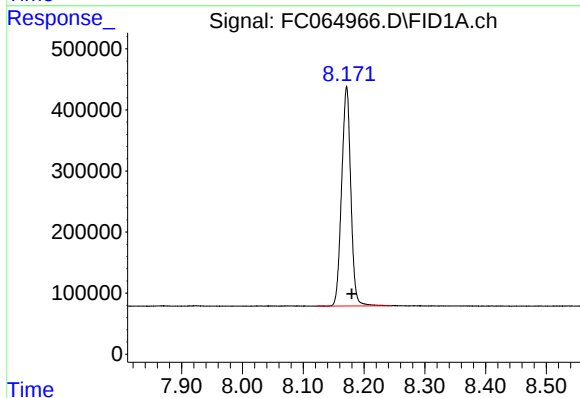
R.T.: 6.383 min
Delta R.T.: -0.009 min
Response: 3872340
Conc: 20.05 ug/ml



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

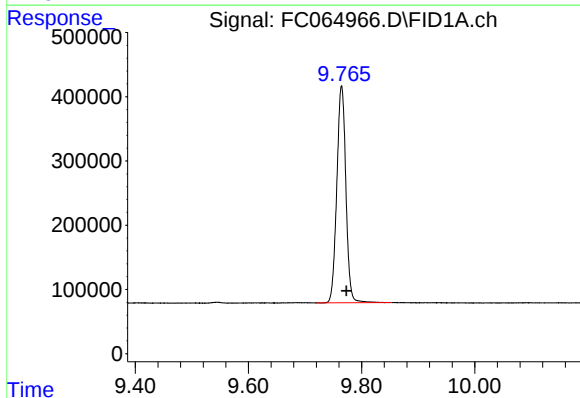
R.T.: 7.007 min
Delta R.T.: -0.009 min
Response: 3775730
Conc: 20.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



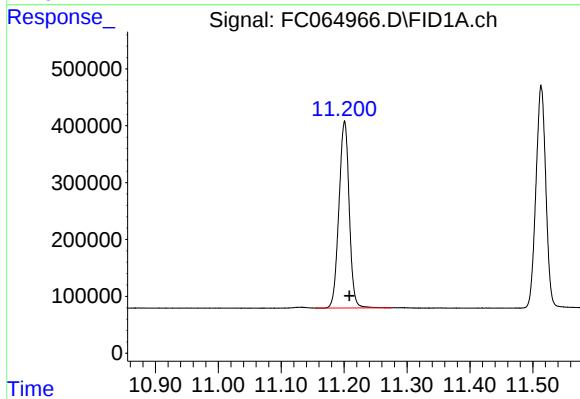
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.008 min
Response: 3759689
Conc: 19.93 ug/ml



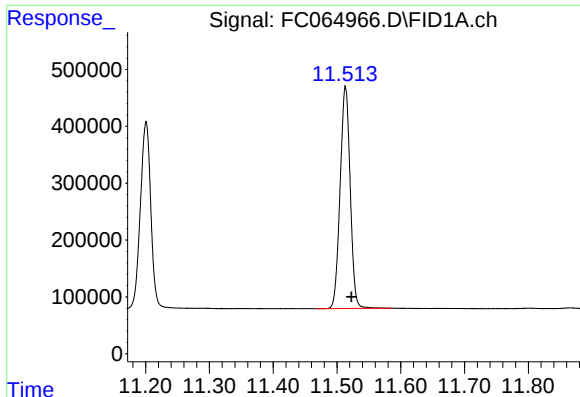
#7 n-Hexadecane (C16)

R.T.: 9.765 min
Delta R.T.: -0.008 min
Response: 3761163
Conc: 19.90 ug/ml



#8 n-Octadecane (C18)

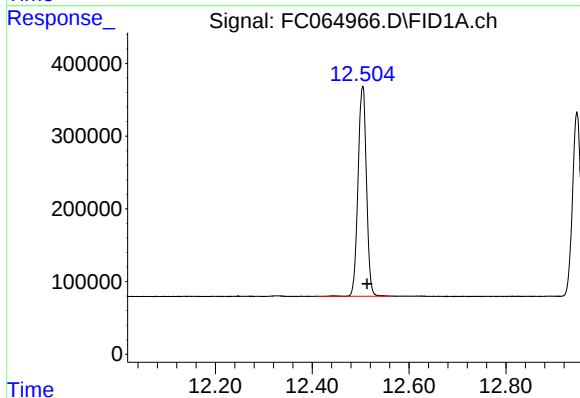
R.T.: 11.201 min
Delta R.T.: -0.008 min
Response: 3721293
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

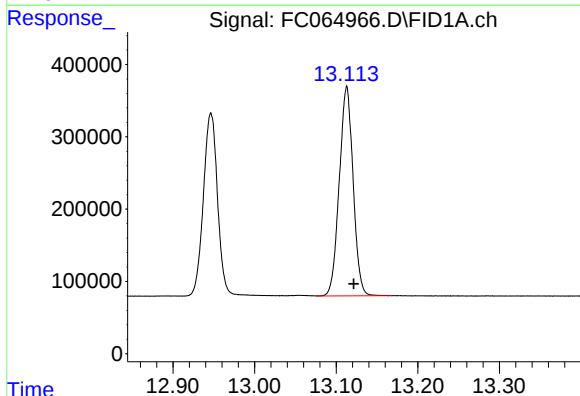
R.T.: 11.513 min
Delta R.T.: -0.009 min
Response: 4280075
Conc: 19.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



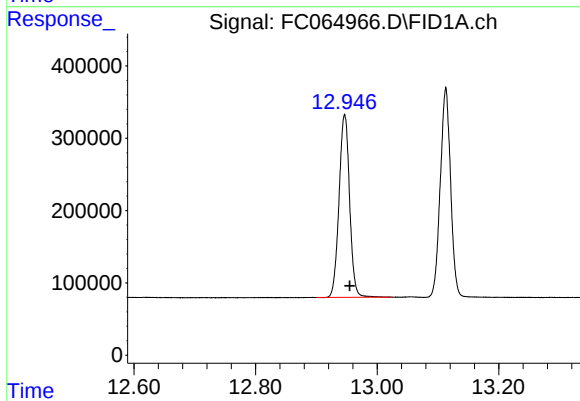
#10 n-Eicosane (C20)

R.T.: 12.504 min
Delta R.T.: -0.009 min
Response: 3520474
Conc: 19.58 ug/ml



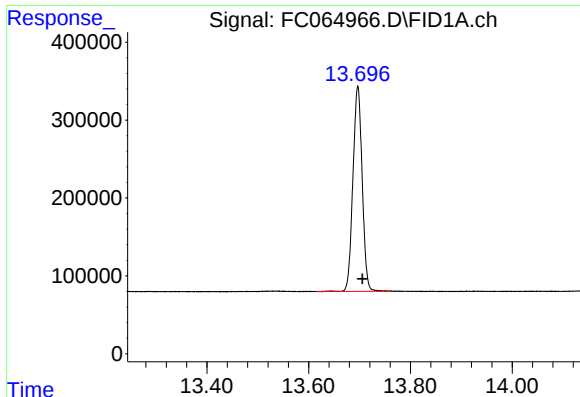
#11 n-Heneicosane (C21)

R.T.: 13.113 min
Delta R.T.: -0.009 min
Response: 3412127
Conc: 19.43 ug/ml



#12 1-chlorooctadecane (SURR)

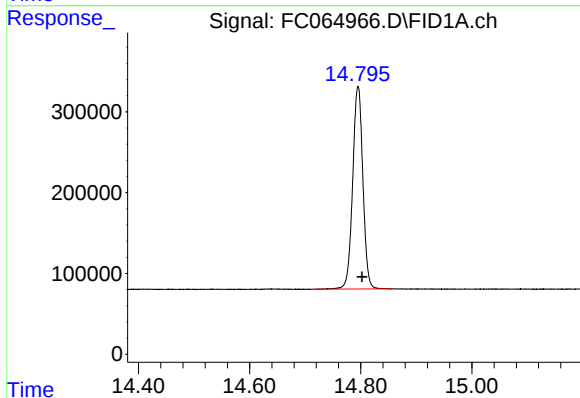
R.T.: 12.947 min
Delta R.T.: -0.008 min
Response: 3047472
Conc: 19.28 ug/ml



#13 n-Docosane (C22)

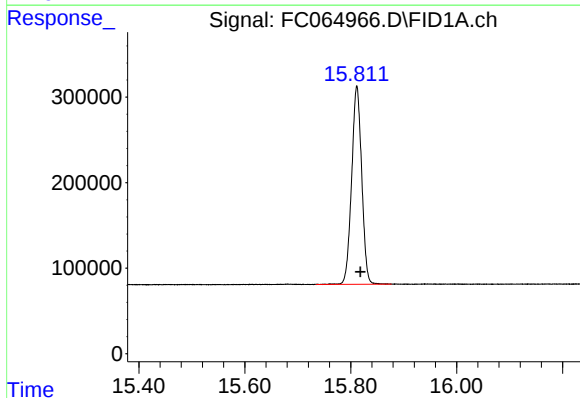
R.T.: 13.697 min
Delta R.T.: -0.009 min
Response: 3323352
Conc: 19.35 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



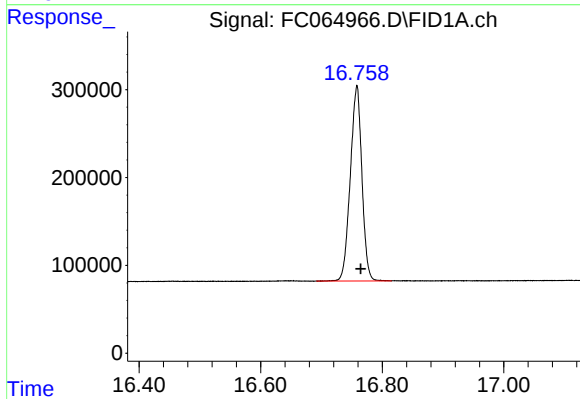
#14 n-Tetracosane (C24)

R.T.: 14.795 min
Delta R.T.: -0.007 min
Response: 3202095
Conc: 19.23 ug/ml



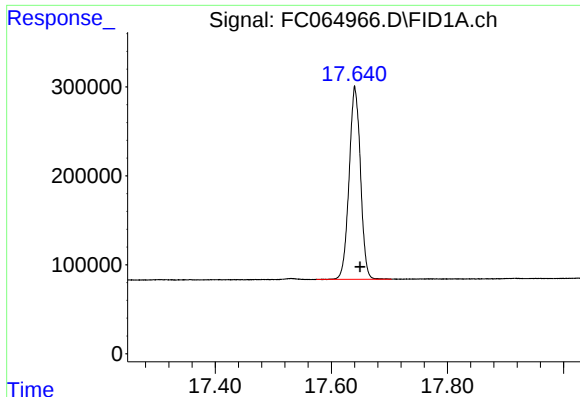
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: -0.007 min
Response: 3053570
Conc: 19.02 ug/ml



#16 n-Octacosane (C28)

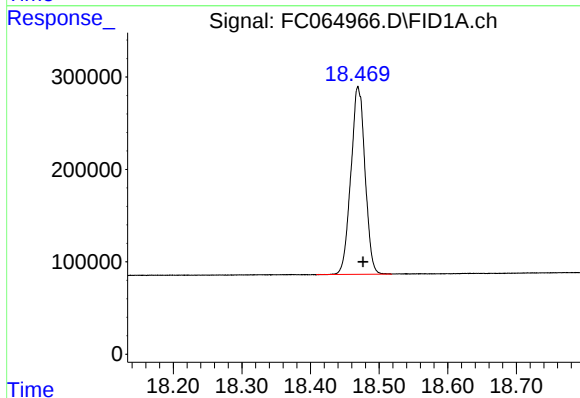
R.T.: 16.758 min
Delta R.T.: -0.006 min
Response: 2945193
Conc: 18.82 ug/ml



#17 n-Tricontane (C30)

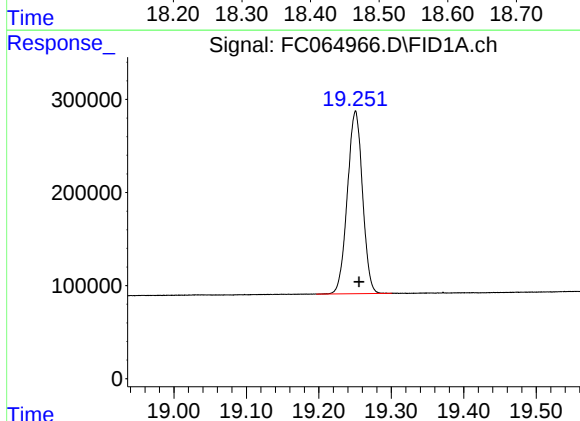
R.T.: 17.641 min
Delta R.T.: -0.009 min
Response: 2938081
Conc: 18.55 ug/ml

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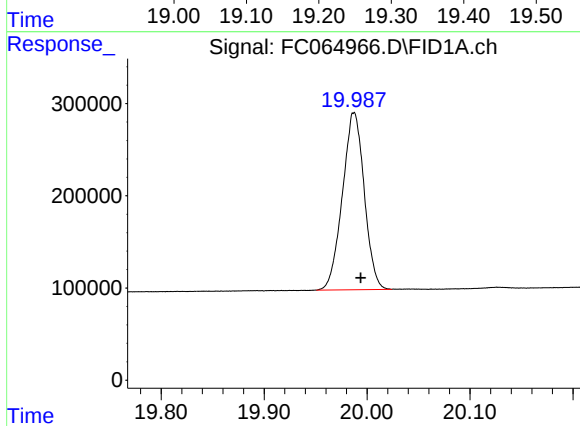
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.008 min
Response: 2908171
Conc: 18.42 ug/ml



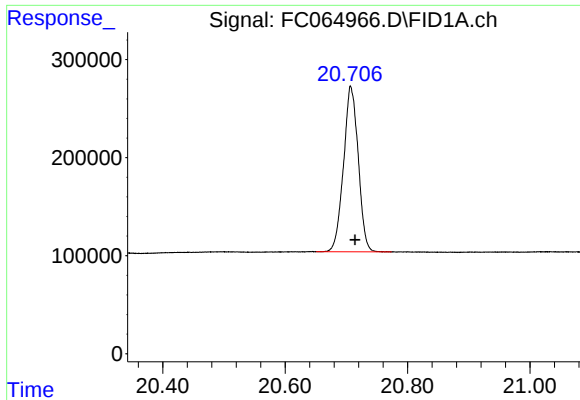
#19 n-Tetratriacontane (C34)

R.T.: 19.251 min
Delta R.T.: -0.005 min
Response: 2848475
Conc: 18.66 ug/ml



#20 n-Hexatriacontane (C36)

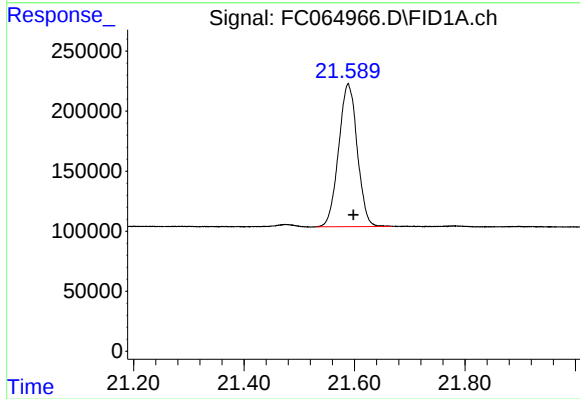
R.T.: 19.987 min
Delta R.T.: -0.006 min
Response: 2830657
Conc: 18.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.707 min
Delta R.T.: -0.007 min
Response: 2816082
Conc: 18.92 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: -0.009 min
Response: 2778752
Conc: 18.89 ug/ml