

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111823AL\
 Data File : FC065213.D
 Signal(s) : FID1A.ch
 Acq On : 18 Nov 2023 10:20
 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: Nov 20 04:10:35 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)	11.512	4009817	18.219 ug/ml
Spiked Amount 50.000		Recovery =	36.44%
12) S 1-chlorooctadecane (S...	12.945	2908441	18.398 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
Target Compounds			
1) T n-Nonane (C9)	3.308	3418537	18.081 ug/ml
2) T n-Decane (C10)	4.369	3528835	18.559 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3527472	18.270 ug/ml
4) T n-Dodecane (C12)	6.380	3520270	18.223 ug/ml
5) T A~2-methylnaphthalene...	7.004	3454403	18.798 ug/ml
6) T n-Tetradecane (C14)	8.168	3427862	18.167 ug/ml
7) T n-Hexadecane (C16)	9.763	3459382	18.301 ug/ml
8) T n-Octadecane (C18)	11.199	3430059	18.175 ug/ml
10) T n-Eicosane (C20)	12.502	3270932	18.194 ug/ml
11) T n-Heneicosane (C21)	13.112	3199774	18.225 ug/ml
13) T n-Docosane (C22)	13.695	3146079	18.315 ug/ml
14) T n-Tetracosane (C24)	14.793	3079121	18.487 ug/ml
15) T n-Hexacosane (C26)	15.809	2983274	18.586 ug/ml
16) T n-Octacosane (C28)	16.754	2991571	19.115 ug/ml
17) T n-Tricontane (C30)	17.637	3177044	20.058 ug/ml
18) T n-Dotriacontane (C32)	18.469	3212454	20.346 ug/ml
19) T n-Tetratriacontane (C34)	19.247	3047941	19.968 ug/ml
20) T n-Hexatriacontane (C36)	19.984	2929766	19.418 ug/ml
21) T n-Octatriacontane (C38)	20.704	2799115	18.809 ug/ml
22) T n-Tetracontane (C40)	21.588	2712117	18.440 ug/ml

(f)=RT Delta > 1/2 Window

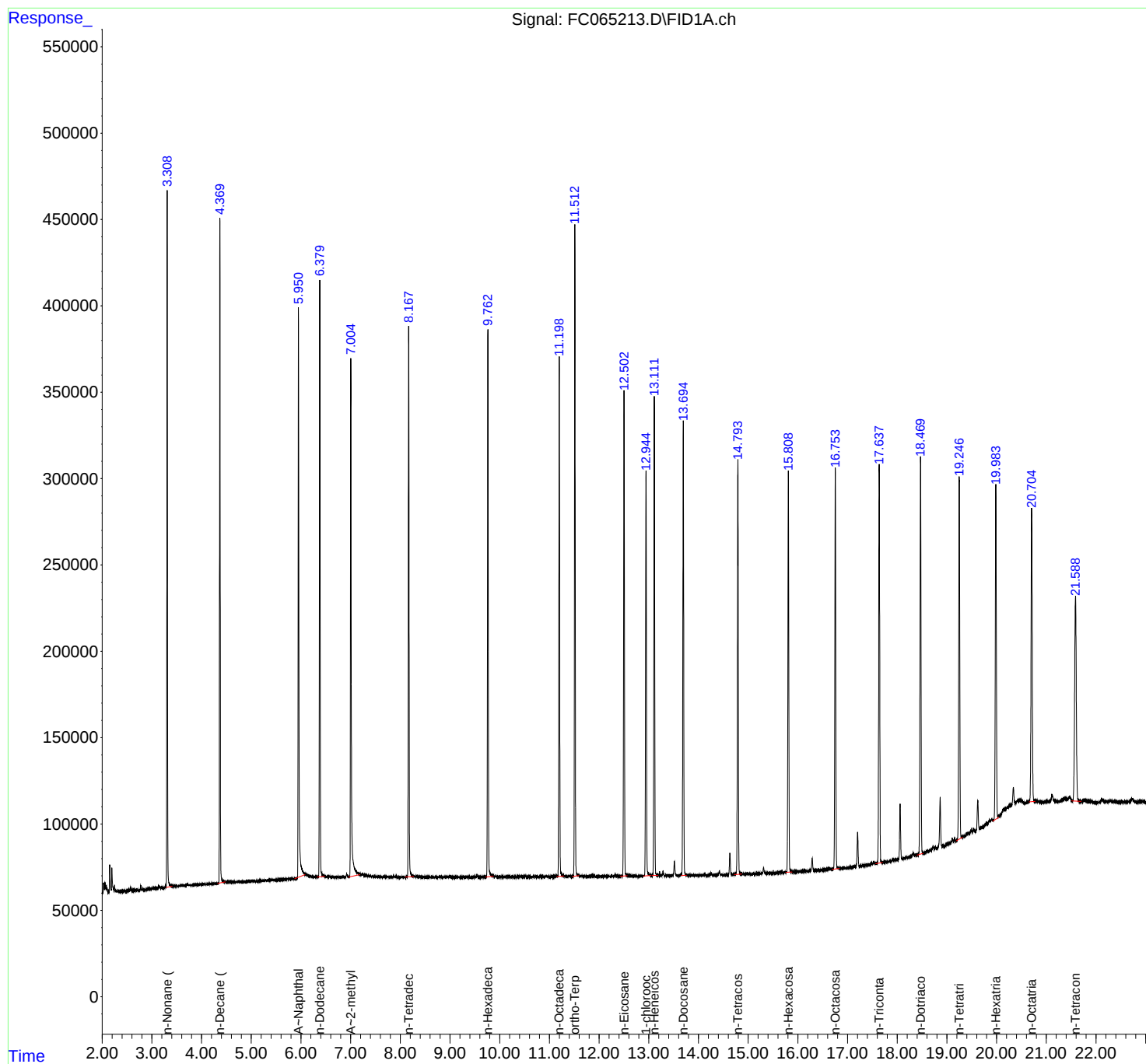
(m)=manual int.

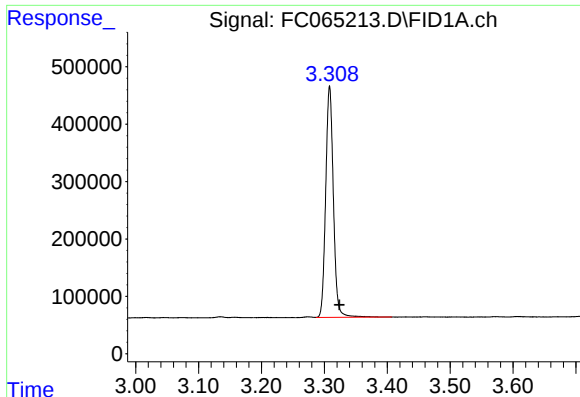
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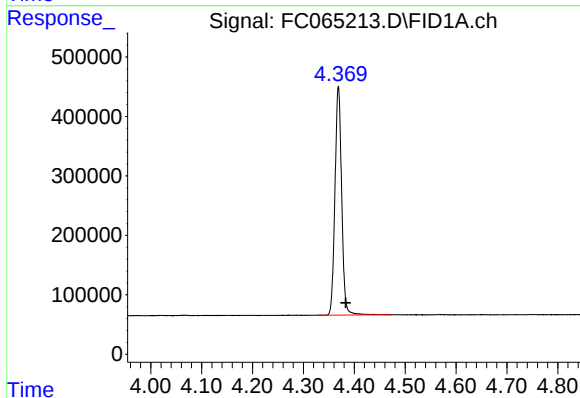




#1 n-Nonane (C9)

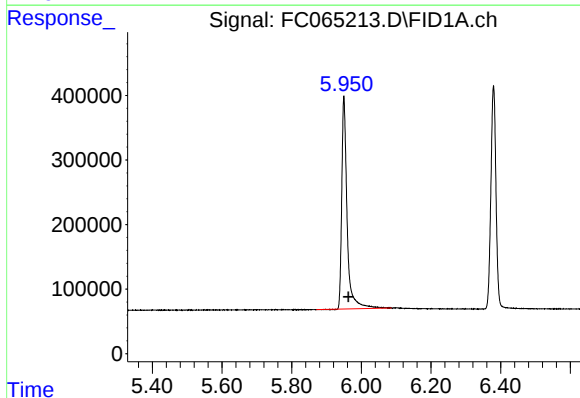
R.T.: 3.308 min
Delta R.T.: -0.016 min
Response: 3418537
Conc: 18.08 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



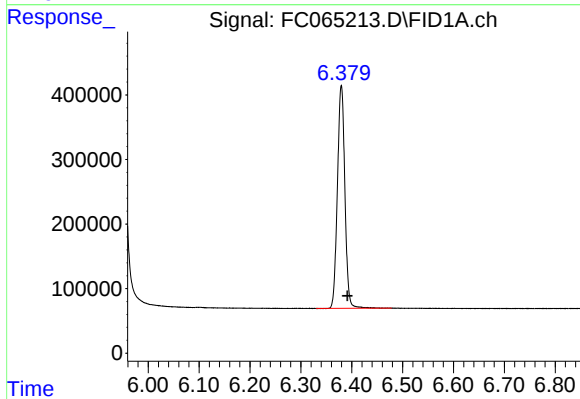
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.014 min
Response: 3528835
Conc: 18.56 ug/ml



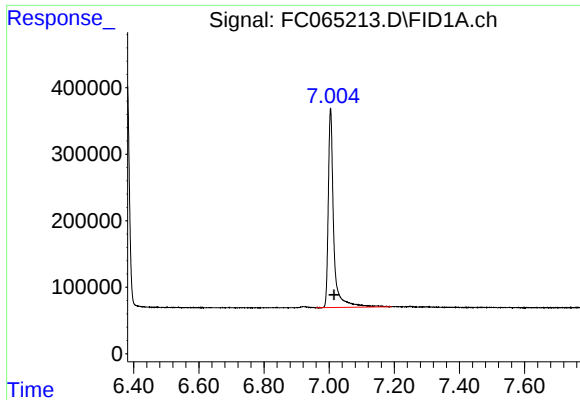
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.013 min
Response: 3527472
Conc: 18.27 ug/ml



#4 n-Dodecane (C12)

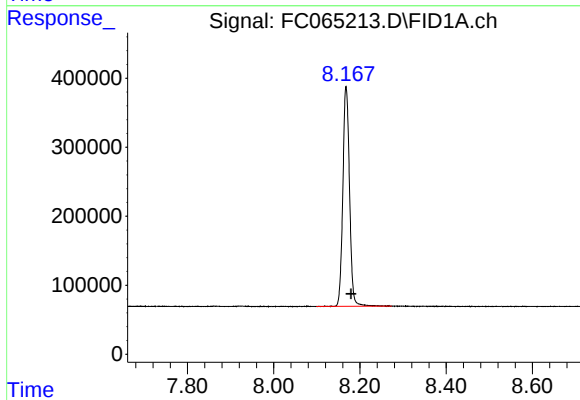
R.T.: 6.380 min
Delta R.T.: -0.012 min
Response: 3520270
Conc: 18.22 ug/ml



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

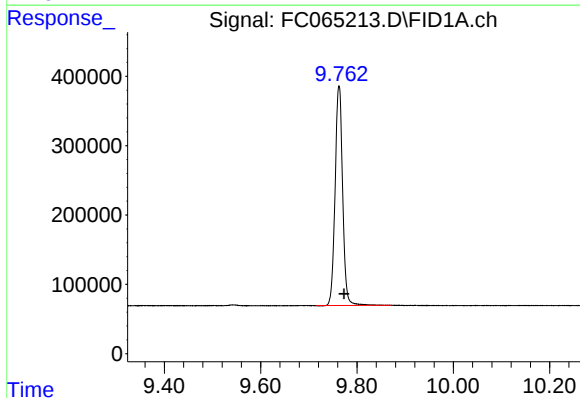
R.T.: 7.004 min
Delta R.T.: -0.011 min
Response: 3454403
Conc: 18.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



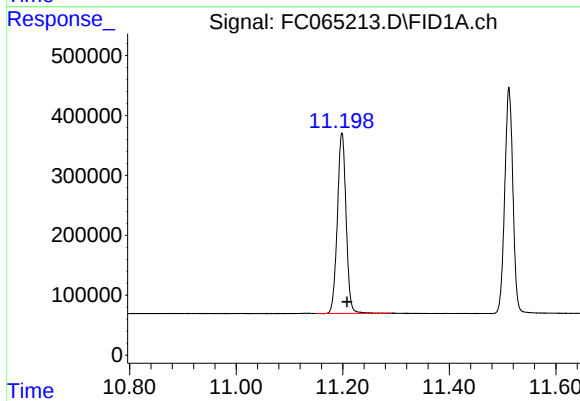
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.012 min
Response: 3427862
Conc: 18.17 ug/ml



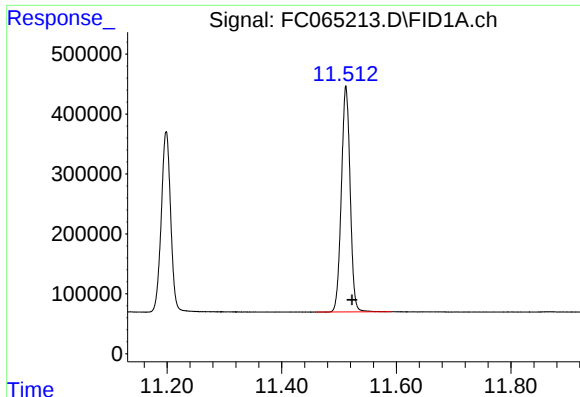
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: -0.010 min
Response: 3459382
Conc: 18.30 ug/ml



#8 n-Octadecane (C18)

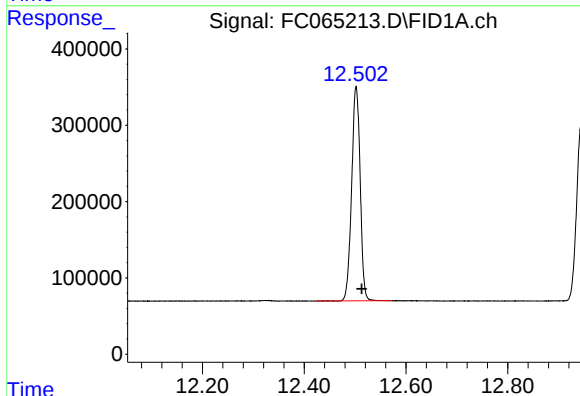
R.T.: 11.199 min
Delta R.T.: -0.010 min
Response: 3430059
Conc: 18.17 ug/ml



#9 ortho-Terphenyl (SURR)

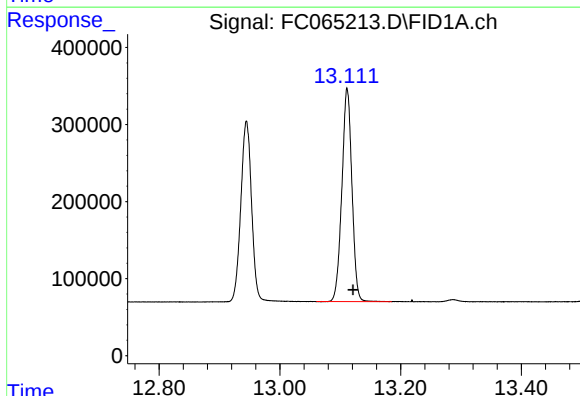
R.T.: 11.512 min
Delta R.T.: -0.011 min
Response: 4009817
Conc: 18.22 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



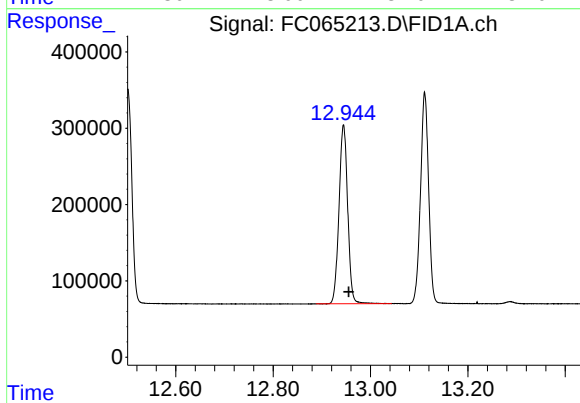
#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: -0.011 min
Response: 3270932
Conc: 18.19 ug/ml



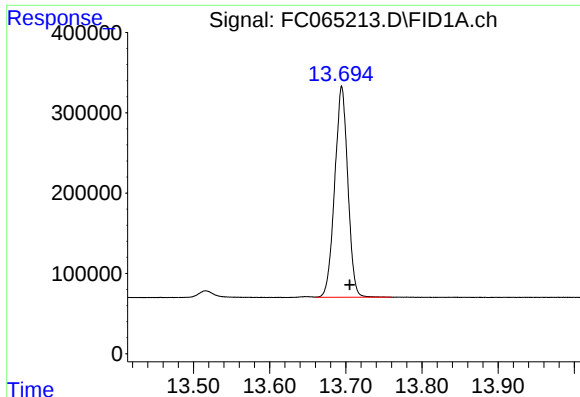
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: -0.010 min
Response: 3199774
Conc: 18.23 ug/ml



#12 1-chlorooctadecane (SURR)

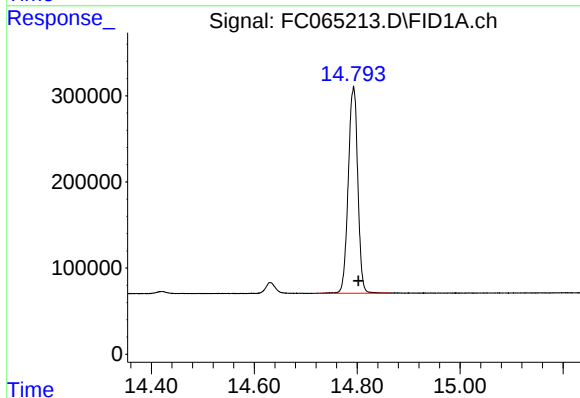
R.T.: 12.945 min
Delta R.T.: -0.010 min
Response: 2908441
Conc: 18.40 ug/ml



#13 n-Docosane (C22)

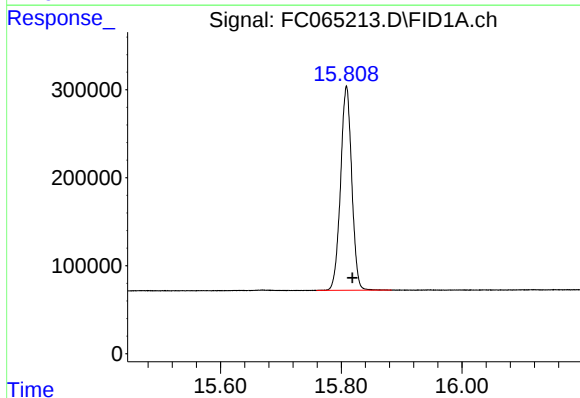
R.T.: 13.695 min
Delta R.T.: -0.011 min
Response: 3146079
Conc: 18.32 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



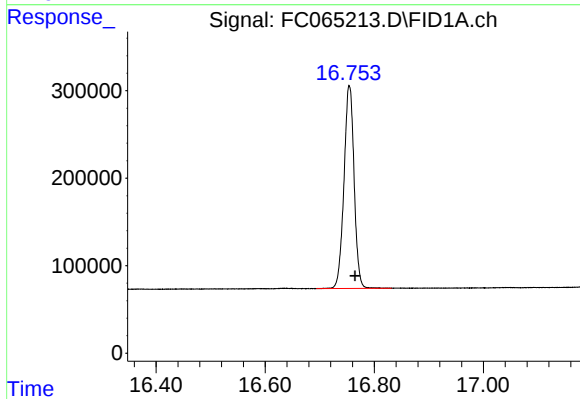
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: -0.009 min
Response: 3079121
Conc: 18.49 ug/ml



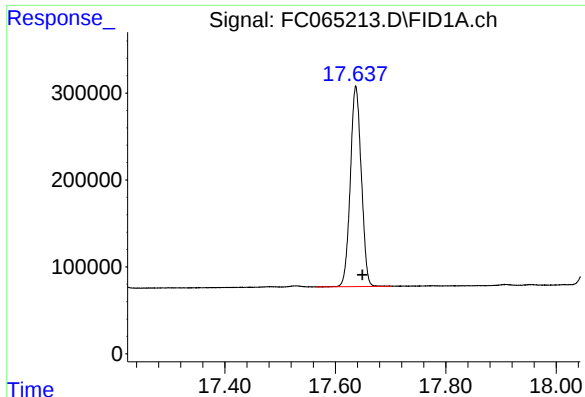
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.010 min
Response: 2983274
Conc: 18.59 ug/ml



#16 n-Octacosane (C28)

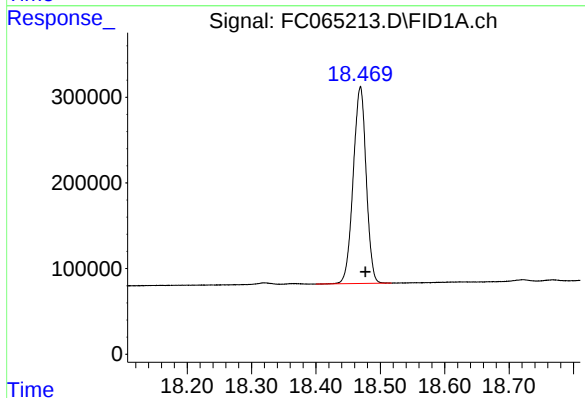
R.T.: 16.754 min
Delta R.T.: -0.010 min
Response: 2991571
Conc: 19.12 ug/ml



#17 n-Tricontane (C30)

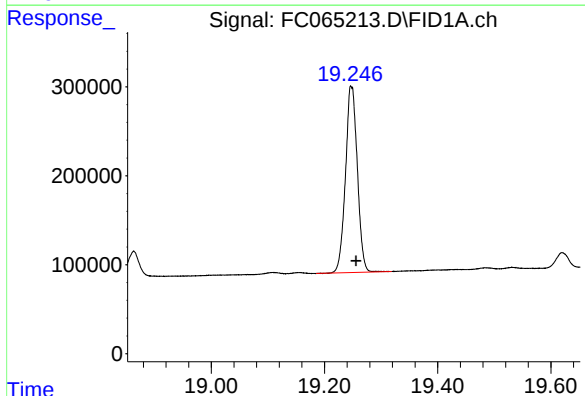
R.T.: 17.637 min
Delta R.T.: -0.012 min
Response: 3177044
Conc: 20.06 ug/ml

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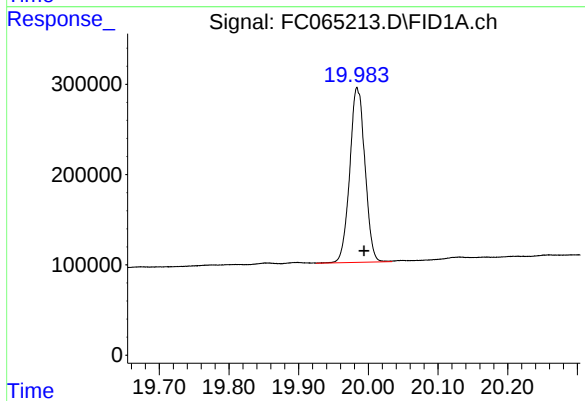
#18 n-Dotriacontane (C32)

R.T.: 18.469 min
Delta R.T.: -0.008 min
Response: 3212454
Conc: 20.35 ug/ml



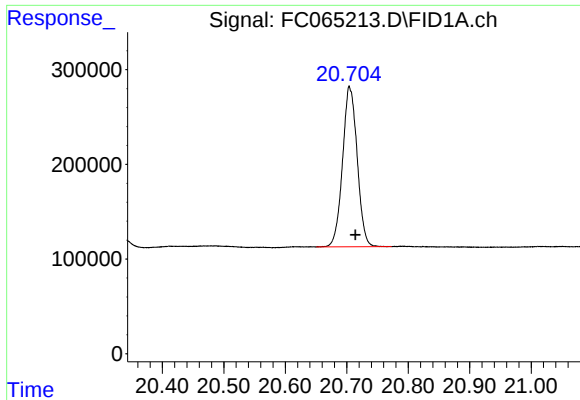
#19 n-Tetratriacontane (C34)

R.T.: 19.247 min
Delta R.T.: -0.008 min
Response: 3047941
Conc: 19.97 ug/ml



#20 n-Hexatriacontane (C36)

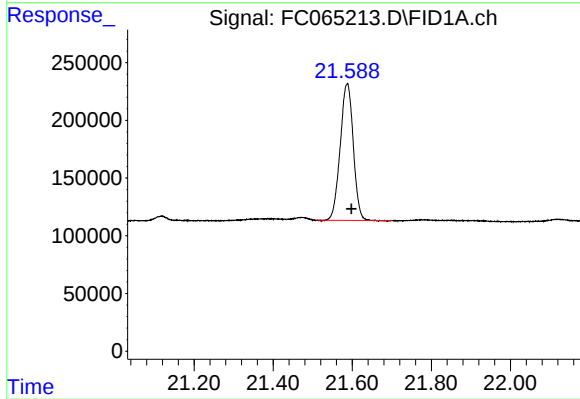
R.T.: 19.984 min
Delta R.T.: -0.010 min
Response: 2929766
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.704 min
Delta R.T.: -0.010 min
Response: 2799115
Conc: 18.81 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: -0.010 min
Response: 2712117
Conc: 18.44 ug/ml