

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103023AL\
 Data File : FC064947.D
 Signal(s) : FID1A.ch
 Acq On : 30 Oct 2023 10:22
 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: Oct 30 23:36:39 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)	11.521	4806750	21.841 ug/ml
Spiked Amount 50.000		Recovery =	43.68%
12) S 1-chlorooctadecane (S...	12.953	3424475	21.662 ug/ml
Spiked Amount 50.000		Recovery =	43.32%
Target Compounds			
1) T n-Nonane (C9)	3.317	4210279	22.269 ug/ml
2) T n-Decane (C10)	4.378	4247818	22.340 ug/ml
3) T A~Naphthalene (C11.7)	5.958	4345359	22.506 ug/ml
4) T n-Dodecane (C12)	6.388	4290276	22.209 ug/ml
5) T A~2-methylnaphthalene...	7.012	4121577	22.429 ug/ml
6) T n-Tetradecane (C14)	8.177	4181839	22.163 ug/ml
7) T n-Hexadecane (C16)	9.770	4184224	22.136 ug/ml
8) T n-Octadecane (C18)	11.207	4154593	22.014 ug/ml
10) T n-Eicosane (C20)	12.511	3937040	21.899 ug/ml
11) T n-Heneicosane (C21)	13.120	3837153	21.855 ug/ml
13) T n-Docosane (C22)	13.703	3741006	21.779 ug/ml
14) T n-Tetracosane (C24)	14.802	3609389	21.671 ug/ml
15) T n-Hexacosane (C26)	15.818	3475344	21.652 ug/ml
16) T n-Octacosane (C28)	16.764	3372985	21.552 ug/ml
17) T n-Tricontane (C30)	17.648	3401922	21.478 ug/ml
18) T n-Dotriacontane (C32)	18.476	3375639	21.379 ug/ml
19) T n-Tetratriacontane (C34)	19.257	3281193	21.496 ug/ml
20) T n-Hexatriacontane (C36)	19.993	3233155	21.429 ug/ml
21) T n-Octatriacontane (C38)	20.715	3163172	21.256 ug/ml
22) T n-Tetracontane (C40)	21.599	3131111	21.289 ug/ml

(f)=RT Delta > 1/2 Window

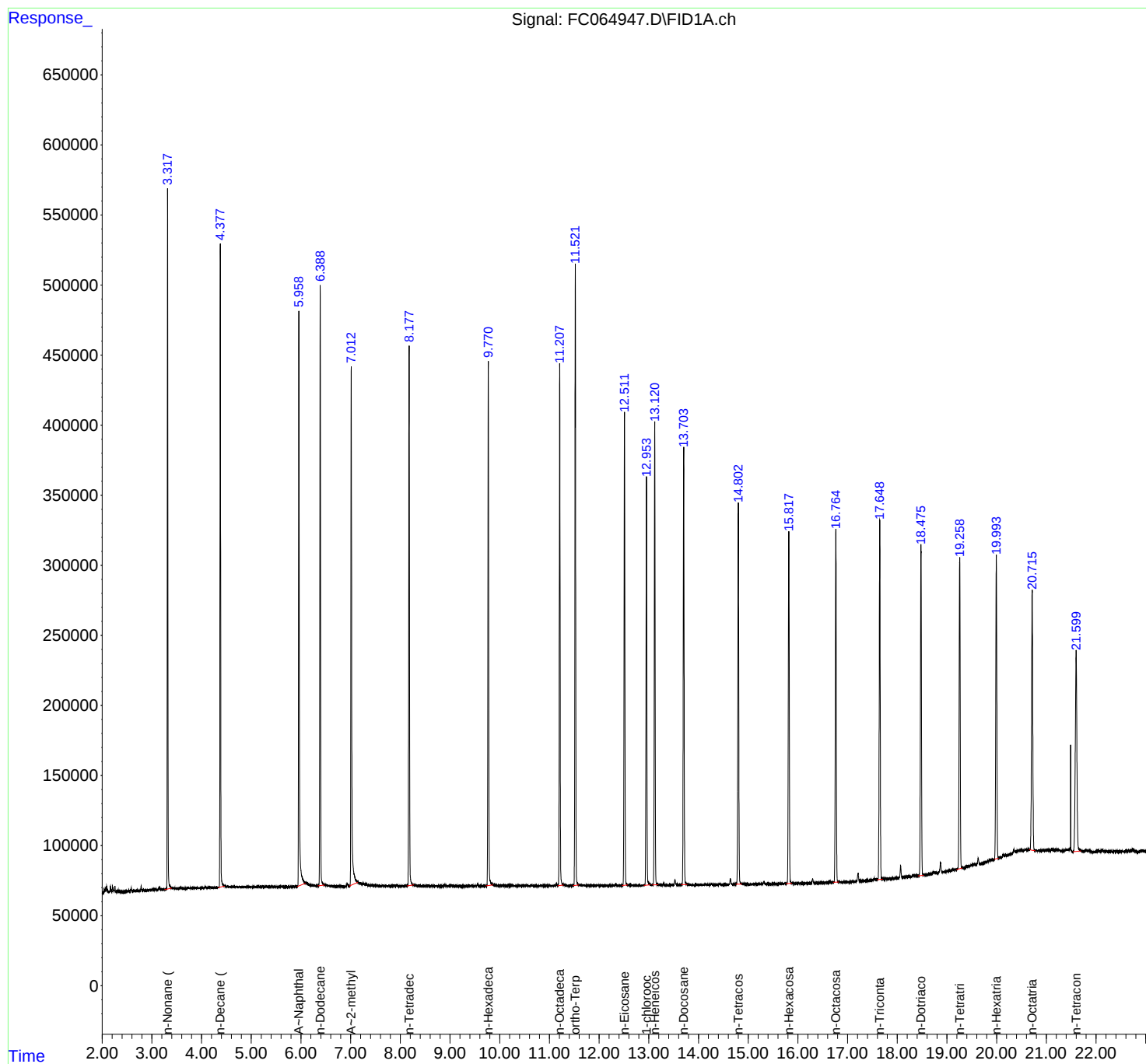
(m)=manual int.

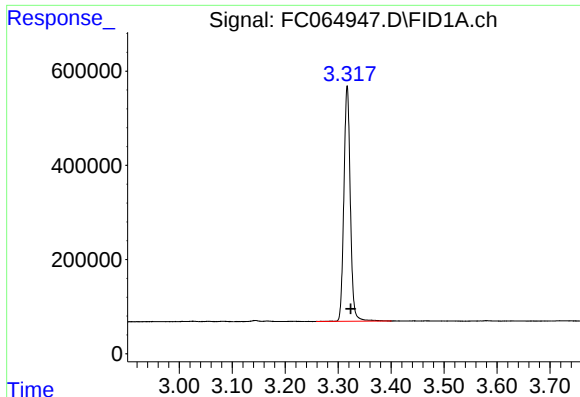
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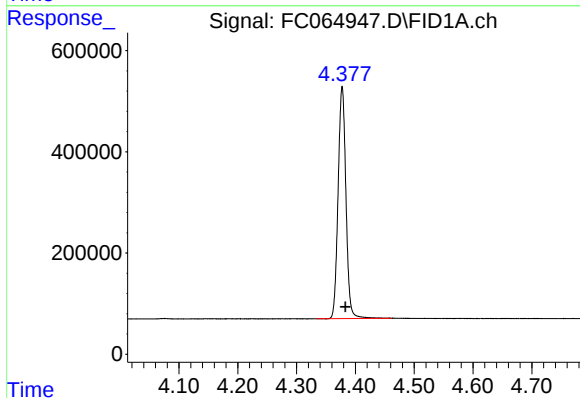




#1 n-Nonane (C9)

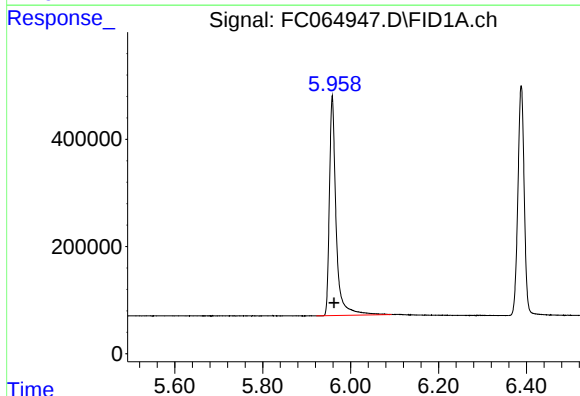
R.T.: 3.317 min
Delta R.T.: -0.007 min
Response: 4210279
Conc: 22.27 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



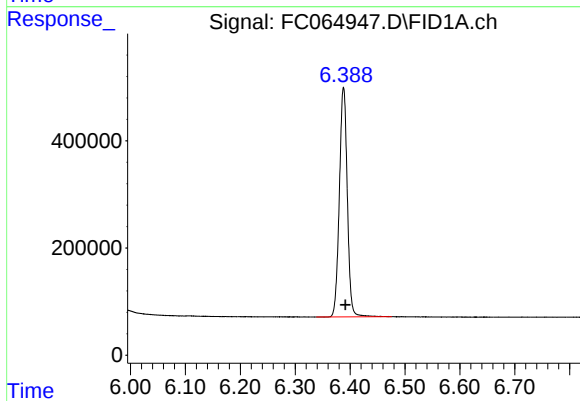
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: -0.006 min
Response: 4247818
Conc: 22.34 ug/ml



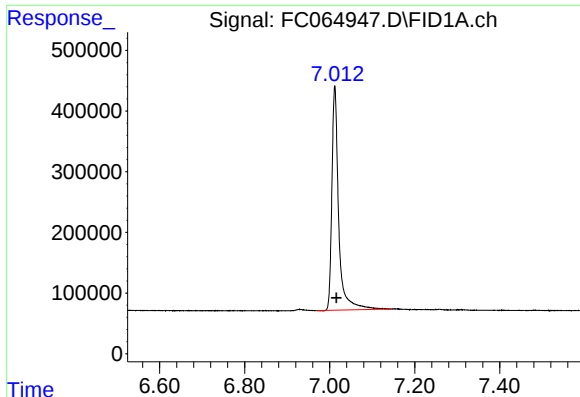
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: -0.004 min
Response: 4345359
Conc: 22.51 ug/ml



#4 n-Dodecane (C12)

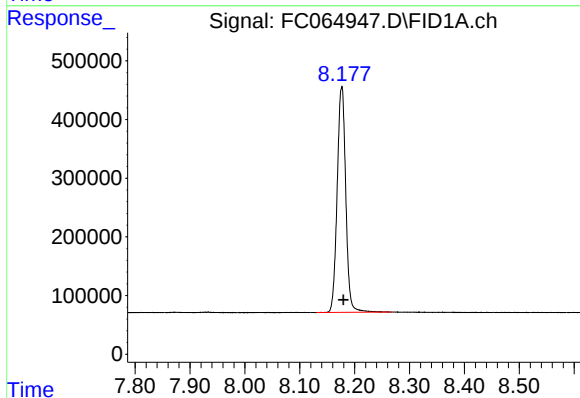
R.T.: 6.388 min
Delta R.T.: -0.004 min
Response: 4290276
Conc: 22.21 ug/ml



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

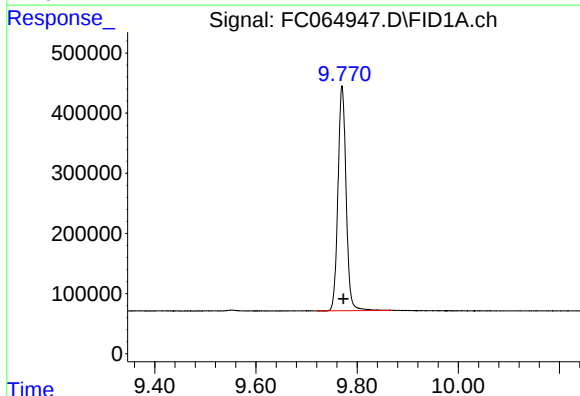
R.T.: 7.012 min
Delta R.T.: -0.004 min
Response: 4121577
Conc: 22.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



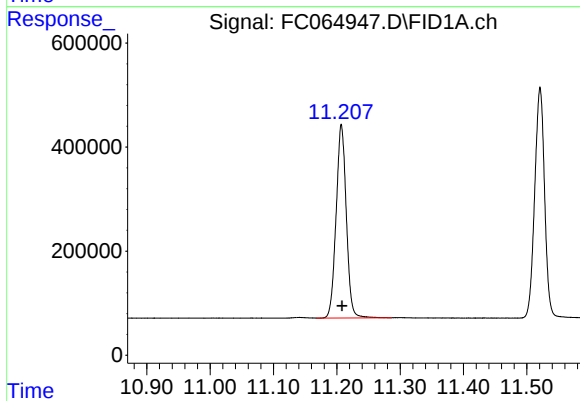
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.003 min
Response: 4181839
Conc: 22.16 ug/ml



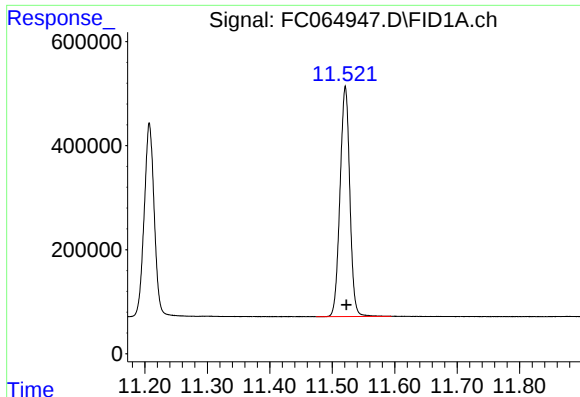
#7 n-Hexadecane (C16)

R.T.: 9.770 min
Delta R.T.: -0.003 min
Response: 4184224
Conc: 22.14 ug/ml



#8 n-Octadecane (C18)

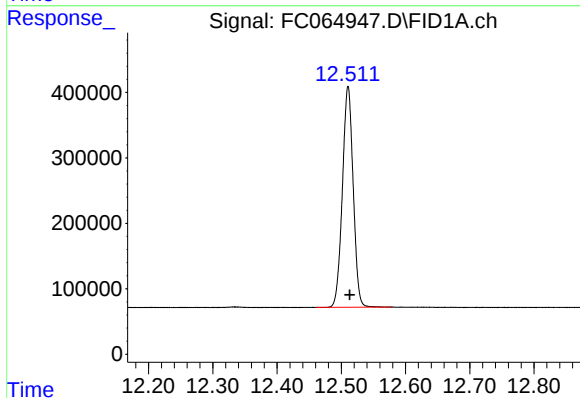
R.T.: 11.207 min
Delta R.T.: -0.001 min
Response: 4154593
Conc: 22.01 ug/ml



#9 ortho-Terphenyl (SURR)

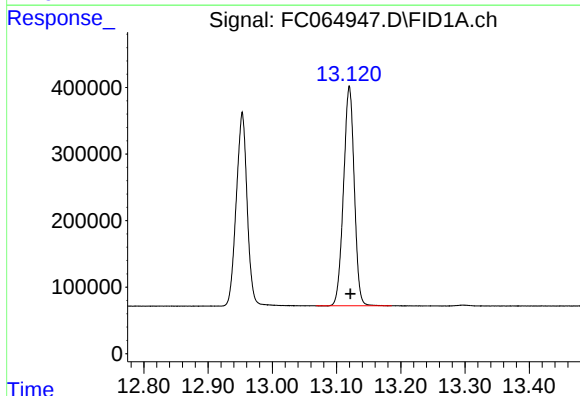
R.T.: 11.521 min
Delta R.T.: -0.002 min
Response: 4806750
Conc: 21.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



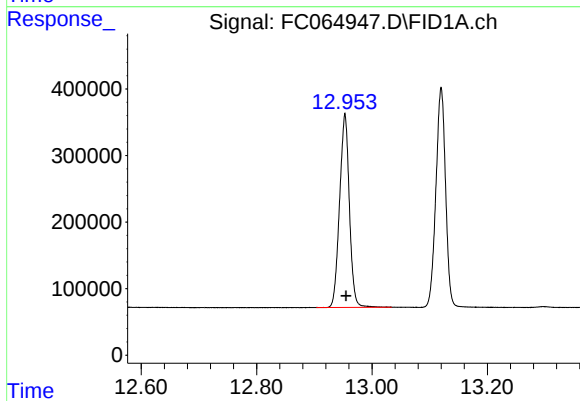
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: -0.003 min
Response: 3937040
Conc: 21.90 ug/ml



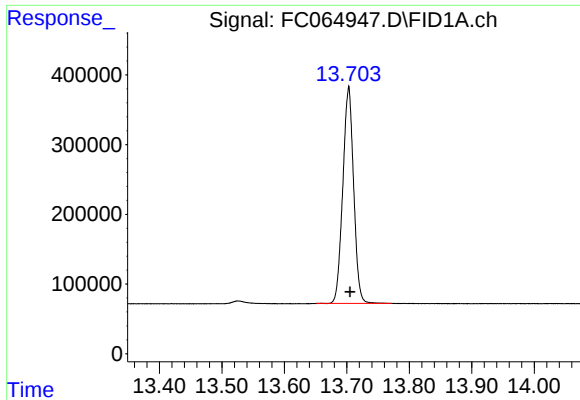
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: -0.002 min
Response: 3837153
Conc: 21.86 ug/ml



#12 1-chlorooctadecane (SURR)

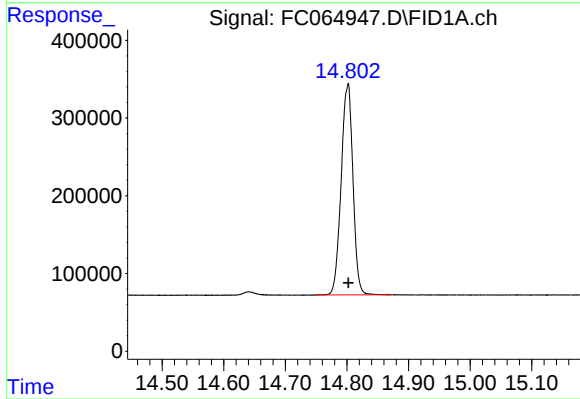
R.T.: 12.953 min
Delta R.T.: -0.002 min
Response: 3424475
Conc: 21.66 ug/ml



#13 n-Docosane (C22)

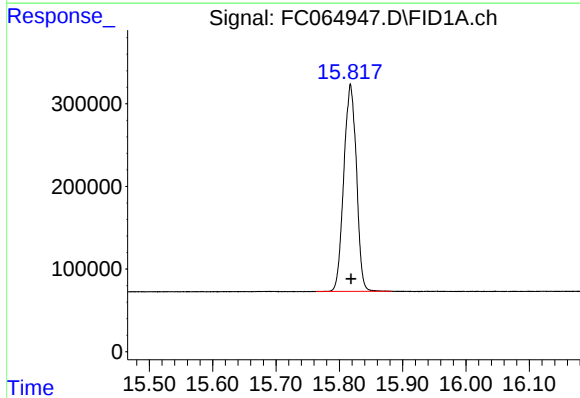
R.T.: 13.703 min
Delta R.T.: -0.002 min
Response: 3741006
Conc: 21.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



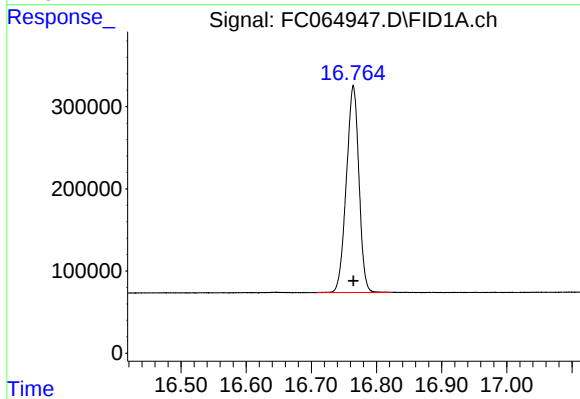
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: 0.000 min
Response: 3609389
Conc: 21.67 ug/ml



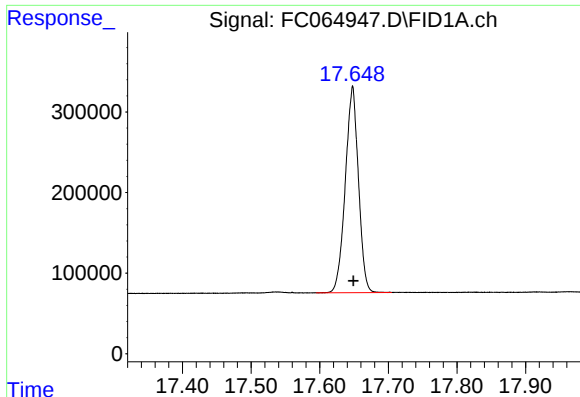
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.000 min
Response: 3475344
Conc: 21.65 ug/ml



#16 n-Octacosane (C28)

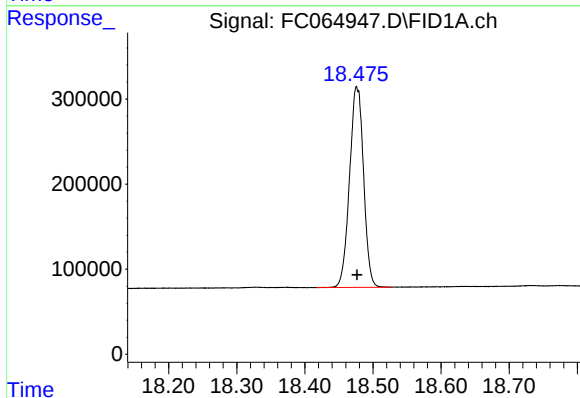
R.T.: 16.764 min
Delta R.T.: 0.000 min
Response: 3372985
Conc: 21.55 ug/ml



#17 n-Tricontane (C30)

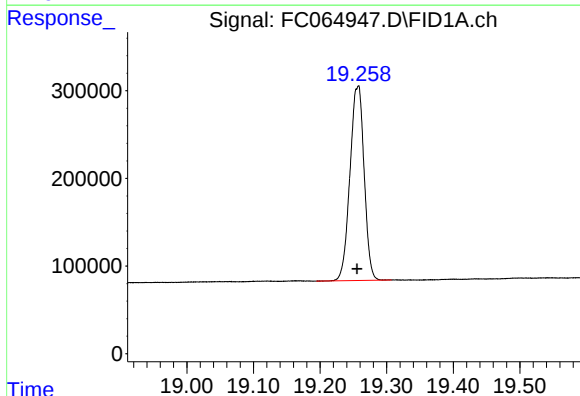
R.T.: 17.648 min
Delta R.T.: -0.001 min
Response: 3401922
Conc: 21.48 ug/ml

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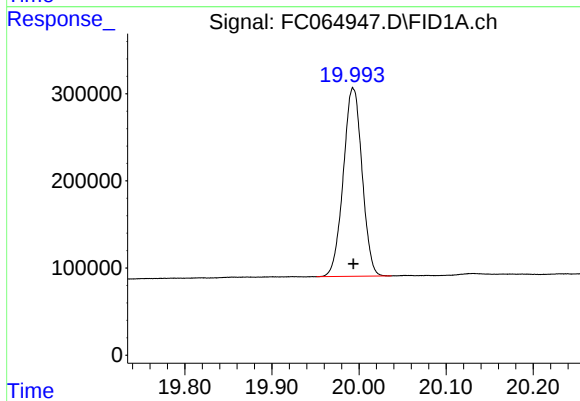
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: 0.000 min
Response: 3375639
Conc: 21.38 ug/ml



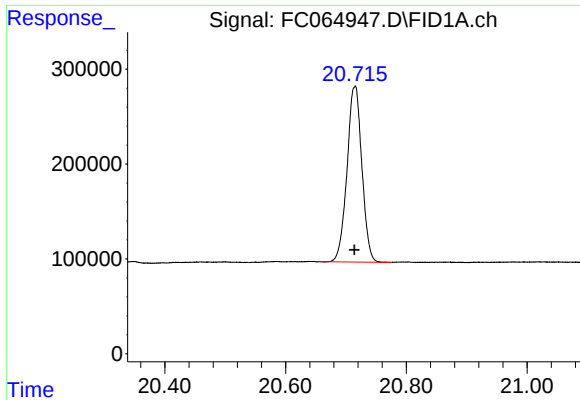
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: 0.001 min
Response: 3281193
Conc: 21.50 ug/ml



#20 n-Hexatriacontane (C36)

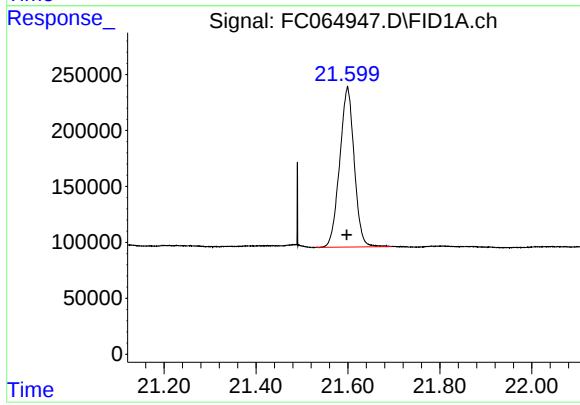
R.T.: 19.993 min
Delta R.T.: 0.000 min
Response: 3233155
Conc: 21.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: 0.000 min
Response: 3163172
Conc: 21.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.599 min
Delta R.T.: 0.001 min
Response: 3131111
Conc: 21.29 ug/ml