

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102122AL\
 Data File : FC061862.D
 Signal(s) : FID1A.ch
 Acq On : 21 Oct 2022 09:33
 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: Oct 21 11:42:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101722.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 17 23:26:31 2022
 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)	11.581	3272509	22.016 ug/ml
Spiked Amount 50.000		Recovery =	44.03%
12) S 1-chlorooctadecane (S...	13.017	2580871	22.153 ug/ml
Spiked Amount 50.000		Recovery =	44.31%
Target Compounds			
1) T n-Nonane (C9)	3.342	2975750	21.155 ug/ml
2) T n-Decane (C10)	4.409	3021762	21.169 ug/ml
3) T A~Naphthalene (C11.7)	5.993	3285945	21.288 ug/ml
4) T n-Dodecane (C12)	6.424	3074530	21.179 ug/ml
5) T A~2-methylnaphthalene...	7.048	3224270	21.255 ug/ml
6) T n-Tetradecane (C14)	8.221	3102388	21.342 ug/ml
7) T n-Hexadecane (C16)	9.822	3142321	21.578 ug/ml
8) T n-Octadecane (C18)	11.264	3157575	21.846 ug/ml
10) T n-Eicosane (C20)	12.574	3109765	22.034 ug/ml
11) T n-Heneicosane (C21)	13.185	3075623	22.166 ug/ml
13) T n-Docosane (C22)	13.771	3028277	22.090 ug/ml
14) T n-Tetracosane (C24)	14.872	2915963	22.069 ug/ml
15) T n-Hexacosane (C26)	15.893	2787682	22.124 ug/ml
16) T n-Octacosane (C28)	16.841	2649991	21.972 ug/ml
17) T n-Tricontane (C30)	17.728	2641325	22.199 ug/ml
18) T n-Dotriacontane (C32)	18.561	2582408	21.918 ug/ml
19) T n-Tetratriacontane (C34)	19.343	2411613	21.347 ug/ml
20) T n-Hexatriacontane (C36)	20.083	2399699	21.160 ug/ml
21) T n-Octatriacontane (C38)	20.819	2330548	20.713 ug/ml
22) T n-Tetracontane (C40)	21.732	2285161	20.354 ug/ml

(f)=RT Delta > 1/2 Window

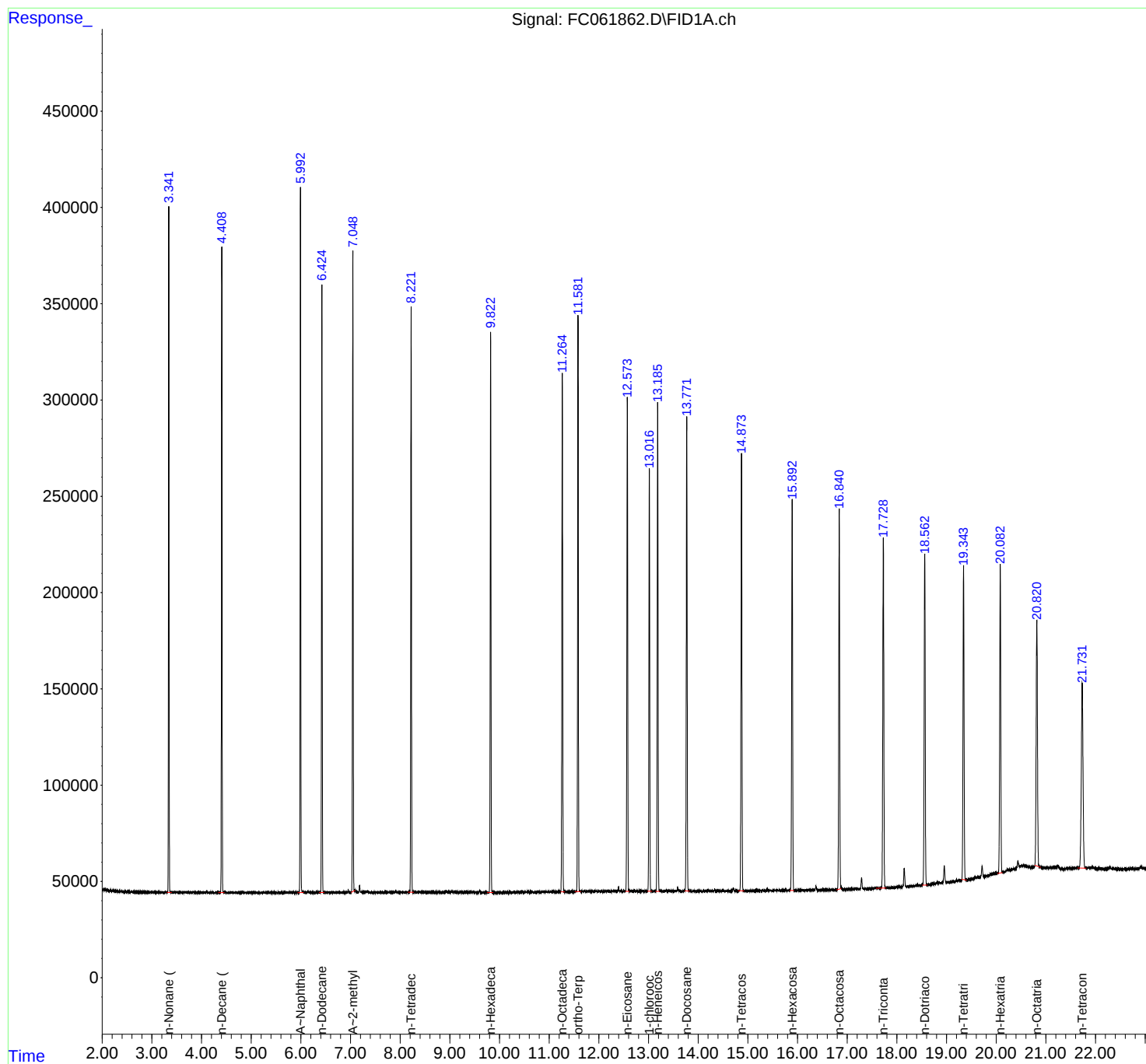
(m)=manual int.

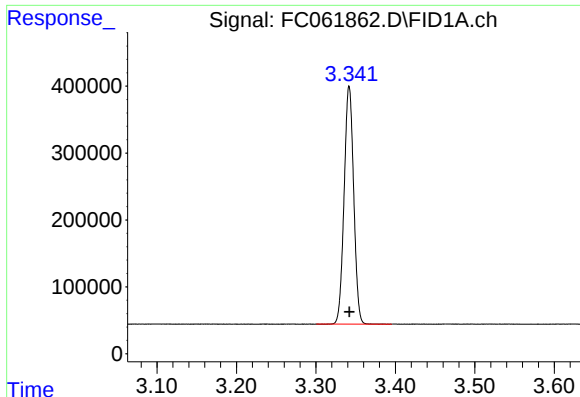
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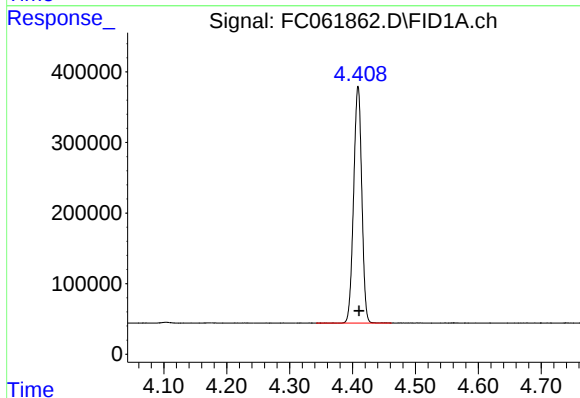




#1 n-Nonane (C9)

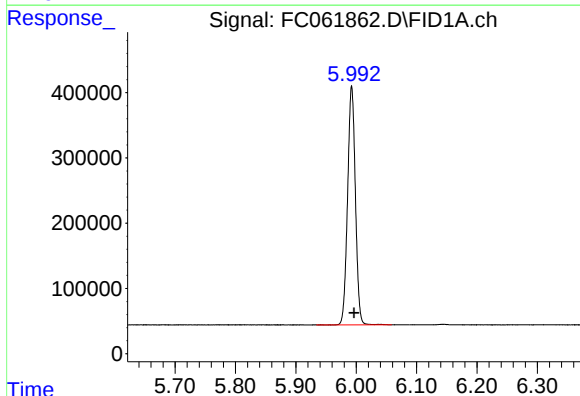
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 2975750
Conc: 21.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



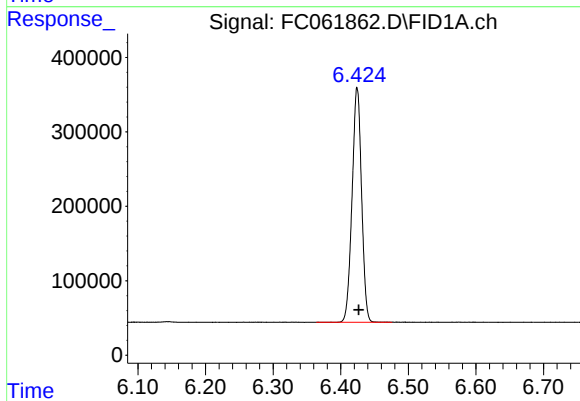
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: -0.002 min
Response: 3021762
Conc: 21.17 ug/ml



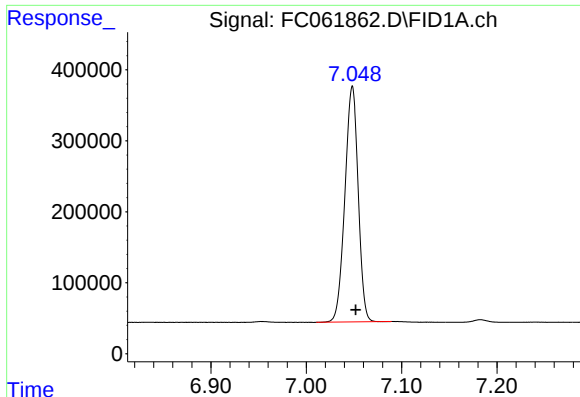
#3 A~Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 3285945
Conc: 21.29 ug/ml



#4 n-Dodecane (C12)

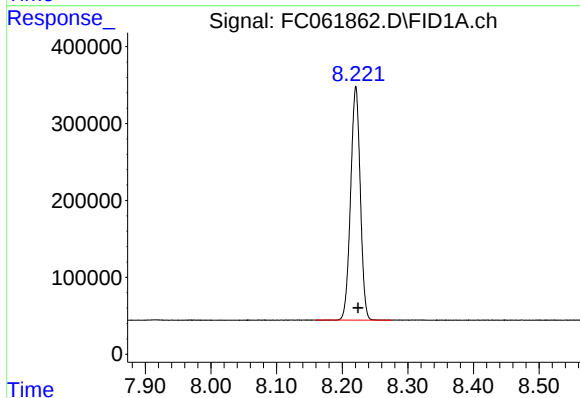
R.T.: 6.424 min
Delta R.T.: -0.002 min
Response: 3074530
Conc: 21.18 ug/ml



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

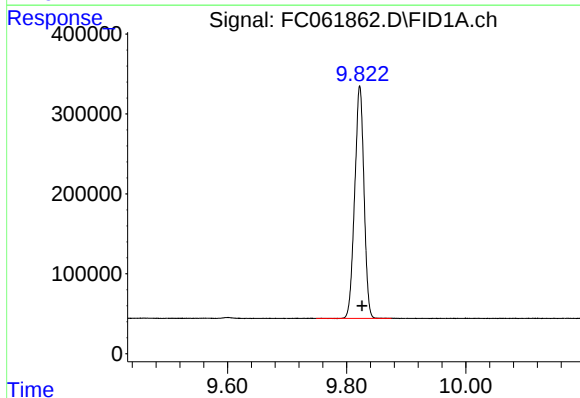
R.T.: 7.048 min
Delta R.T.: -0.004 min
Response: 3224270
Conc: 21.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



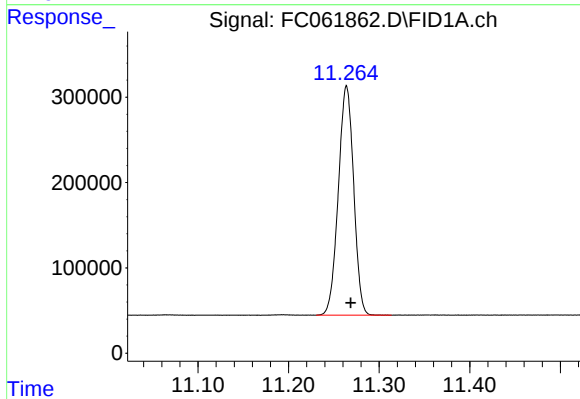
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 3102388
Conc: 21.34 ug/ml



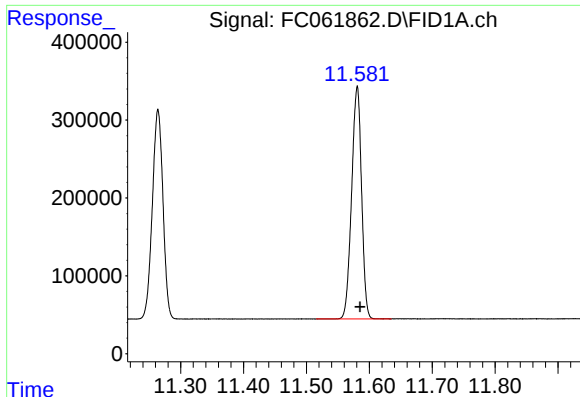
#7 n-Hexadecane (C16)

R.T.: 9.822 min
Delta R.T.: -0.004 min
Response: 3142321
Conc: 21.58 ug/ml



#8 n-Octadecane (C18)

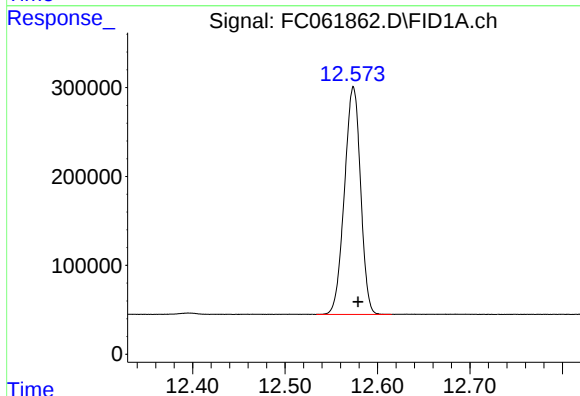
R.T.: 11.264 min
Delta R.T.: -0.005 min
Response: 3157575
Conc: 21.85 ug/ml



#9 ortho-Terphenyl (SURR)

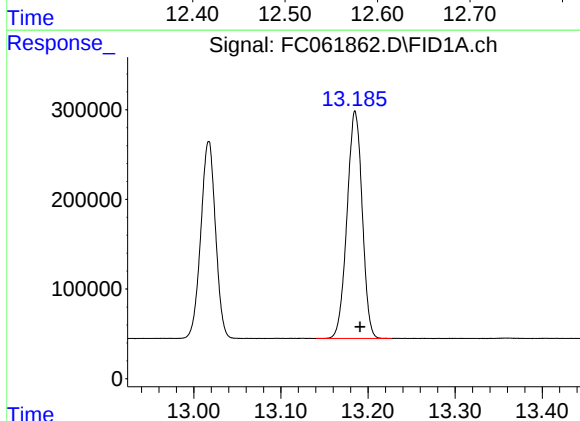
R.T.: 11.581 min
Delta R.T.: -0.005 min
Response: 3272509
Conc: 22.02 ug/ml

Instrument :
FID_C
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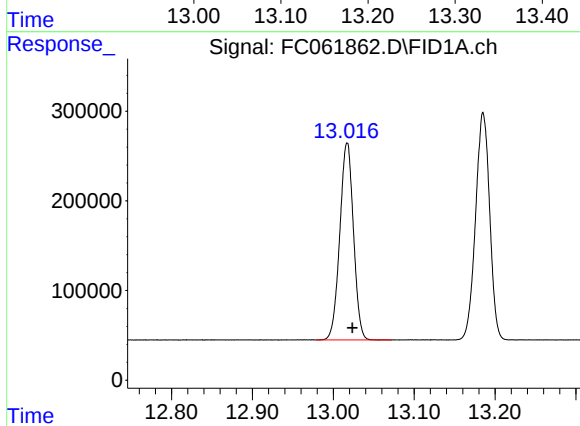
#10 n-Eicosane (C20)

R.T.: 12.574 min
Delta R.T.: -0.005 min
Response: 3109765
Conc: 22.03 ug/ml



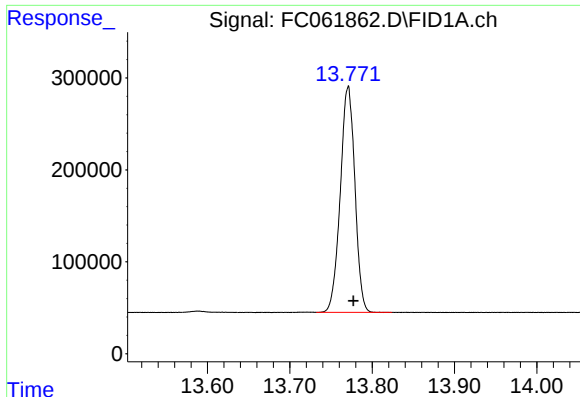
#11 n-Heneicosane (C21)

R.T.: 13.185 min
Delta R.T.: -0.005 min
Response: 3075623
Conc: 22.17 ug/ml



#12 1-chlorooctadecane (SURR)

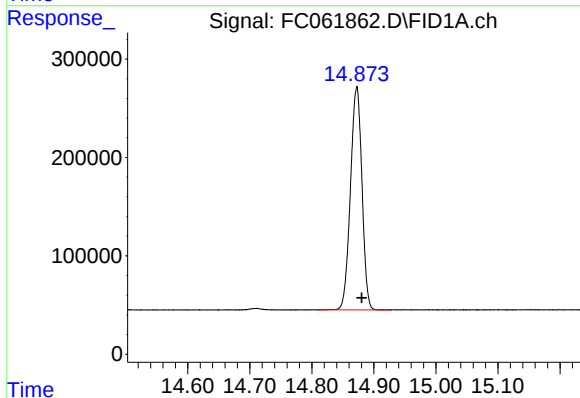
R.T.: 13.017 min
Delta R.T.: -0.006 min
Response: 2580871
Conc: 22.15 ug/ml



#13 n-Docosane (C22)

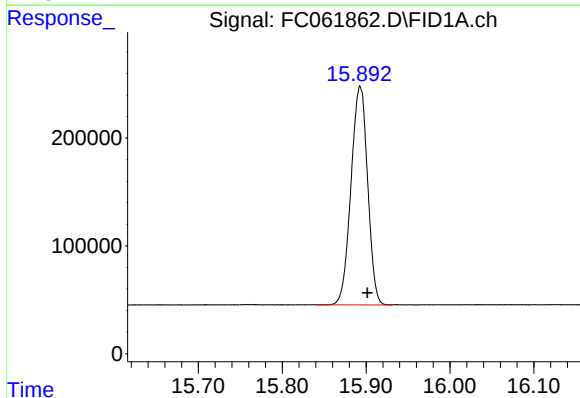
R.T.: 13.771 min
Delta R.T.: -0.007 min
Response: 3028277
Conc: 22.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



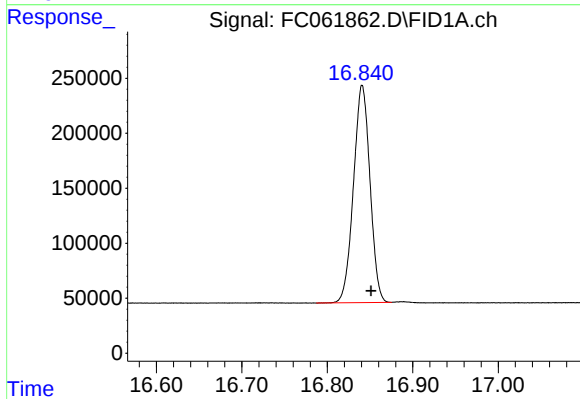
#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.008 min
Response: 2915963
Conc: 22.07 ug/ml



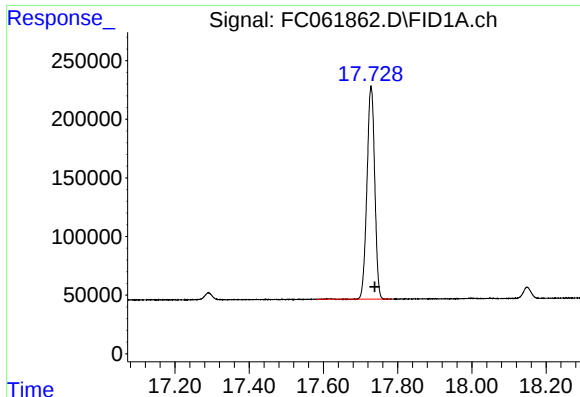
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.009 min
Response: 2787682
Conc: 22.12 ug/ml



#16 n-Octacosane (C28)

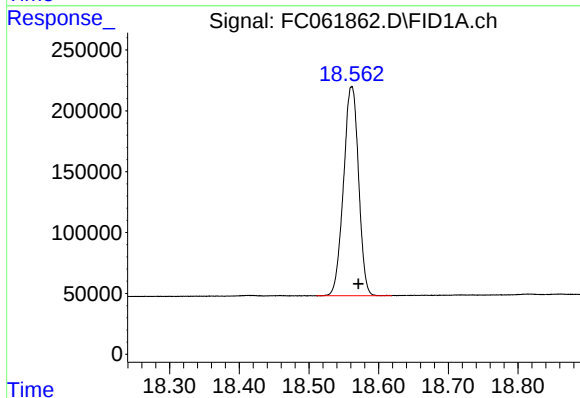
R.T.: 16.841 min
Delta R.T.: -0.010 min
Response: 2649991
Conc: 21.97 ug/ml



#17 n-Tricontane (C30)

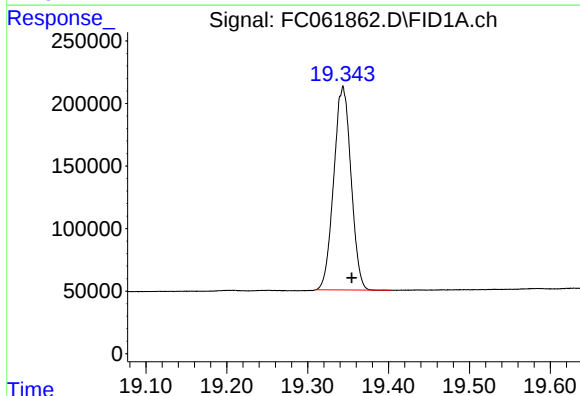
R.T.: 17.728 min
Delta R.T.: -0.010 min
Response: 2641325
Conc: 22.20 ug/ml

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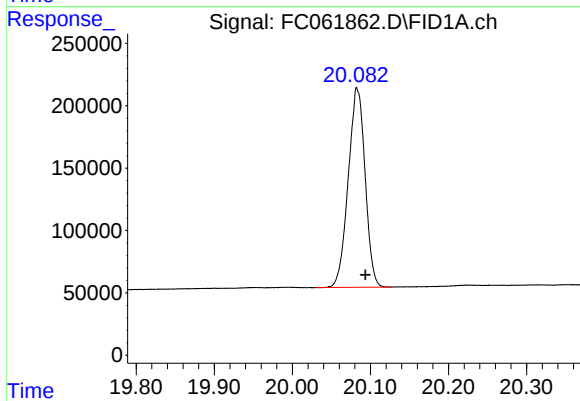
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: -0.010 min
Response: 2582408
Conc: 21.92 ug/ml



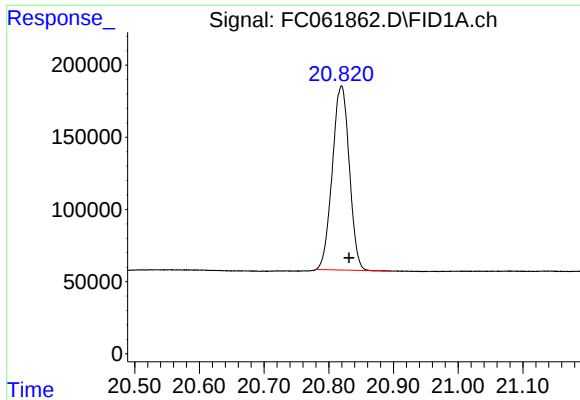
#19 n-Tetratriacontane (C34)

R.T.: 19.343 min
Delta R.T.: -0.011 min
Response: 2411613
Conc: 21.35 ug/ml



#20 n-Hexatriacontane (C36)

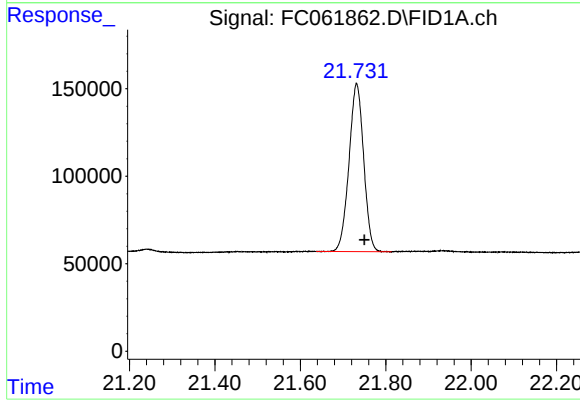
R.T.: 20.083 min
Delta R.T.: -0.010 min
Response: 2399699
Conc: 21.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: -0.012 min
Response: 2330548
Conc: 20.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.732 min
Delta R.T.: -0.018 min
Response: 2285161
Conc: 20.35 ug/ml