

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032024AL\
 Data File : FCCC01.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2024 22:20
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 21 01:24:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.473	3633567	18.593 ug/ml
Spiked Amount 50.000		Recovery =	37.19%
12) S 1-chlorooctadecane (S...	12.901	2728753	18.717 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
Target Compounds			
1) T n-Nonane (C9)	3.277	3227841	19.320 ug/ml
2) T n-Decane (C10)	4.337	3284125	18.936 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3487540	19.434 ug/ml
4) T n-Dodecane (C12)	6.346	3302500	18.741 ug/ml
5) T A~2-methylnaphthalene...	6.977	3239894	19.020 ug/ml
6) T n-Tetradecane (C14)	8.133	3176833	18.269 ug/ml
7) T n-Hexadecane (C16)	9.726	3266162	18.282 ug/ml
8) T n-Octadecane (C18)	11.158	3303928	18.177 ug/ml
10) T n-Eicosane (C20)	12.459	3207889	18.371 ug/ml
11) T n-Heneicosane (C21)	13.066	3193430	18.419 ug/ml
13) T n-Docosane (C22)	13.648	3188750	18.541 ug/ml
14) T n-Tetracosane (C24)	14.743	3206131	18.772 ug/ml
15) T n-Hexacosane (C26)	15.756	3193114	18.963 ug/ml
16) T n-Octacosane (C28)	16.699	3182617	19.142 ug/ml
17) T n-Tricontane (C30)	17.580	3263586	19.114 ug/ml
18) T n-Dotriacontane (C32)	18.406	3228502	19.152 ug/ml
19) T n-Tetratriacontane (C34)	19.184	3204723	19.553 ug/ml
20) T n-Hexatriacontane (C36)	19.918	3204194	20.153 ug/ml
21) T n-Octatriacontane (C38)	20.627	3353263	21.408 ug/ml
22) T n-Tetracontane (C40)	21.485	3694012	23.360 ug/ml

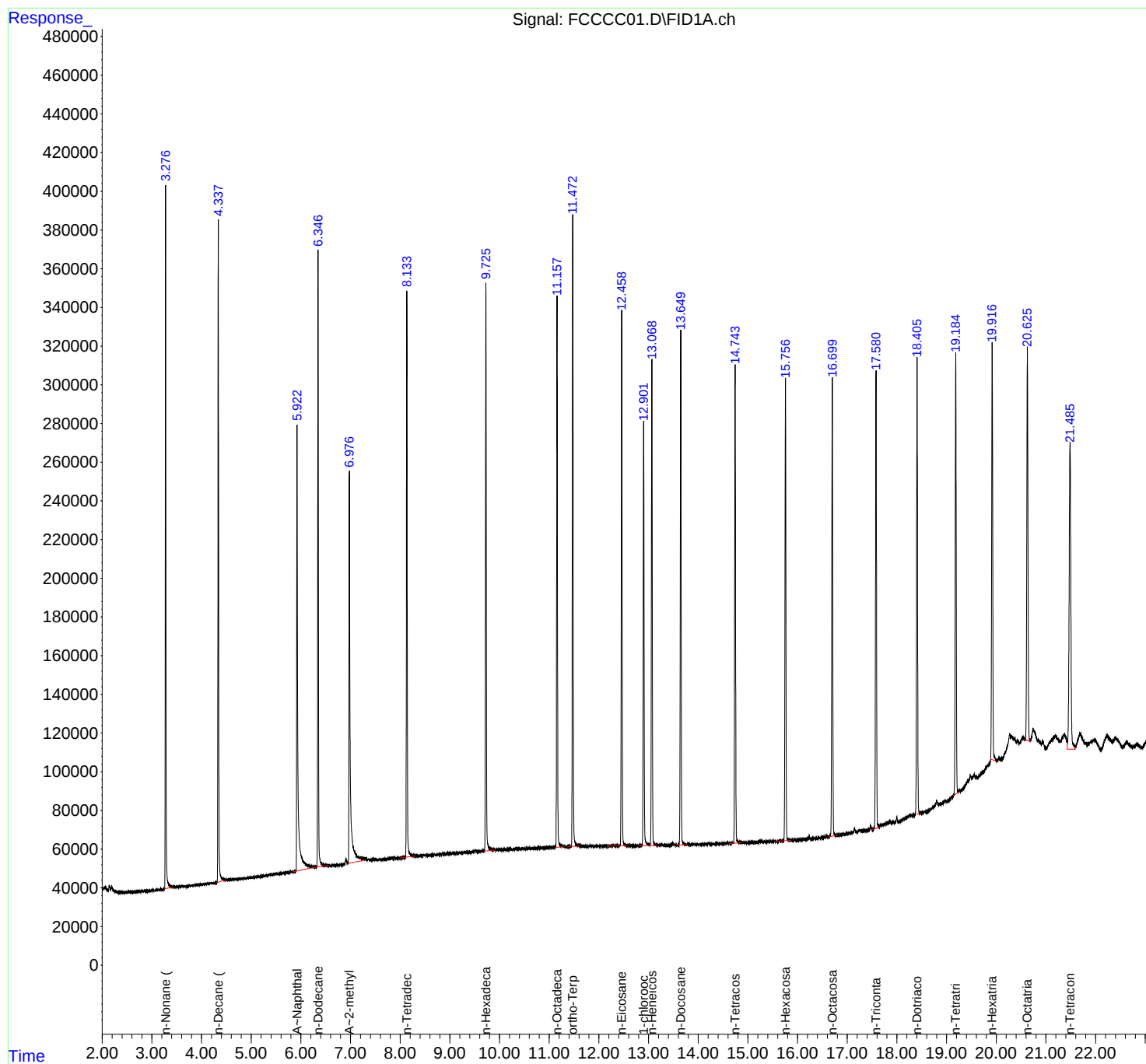
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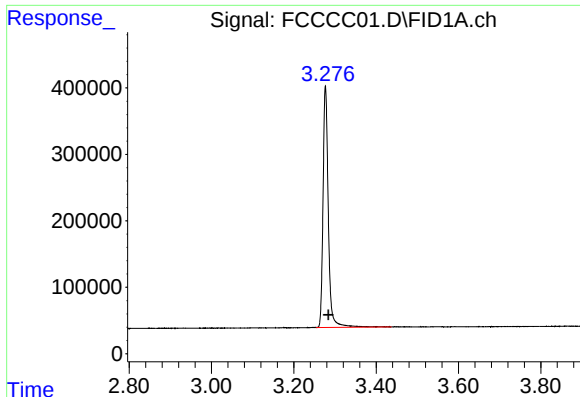
(m)=manual int.

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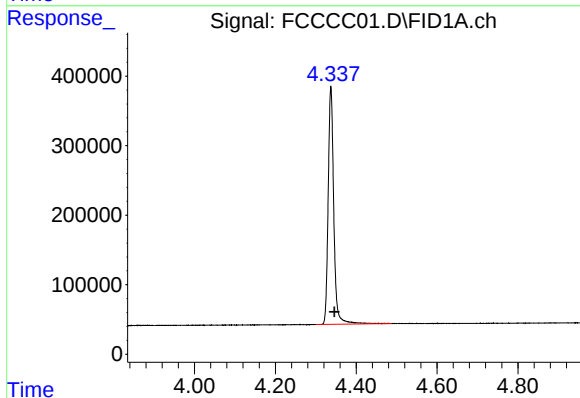
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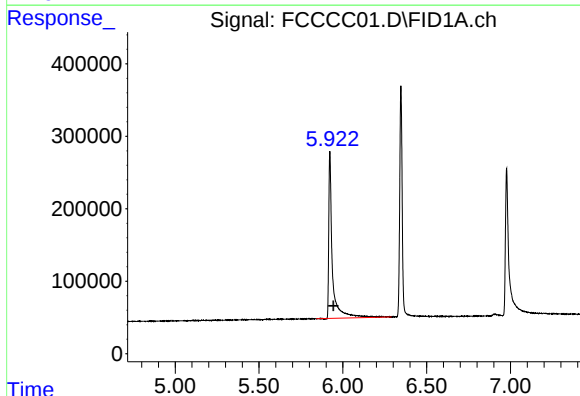
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: -0.007 min
Response: 3227841
Conc: 19.32 ug/ml



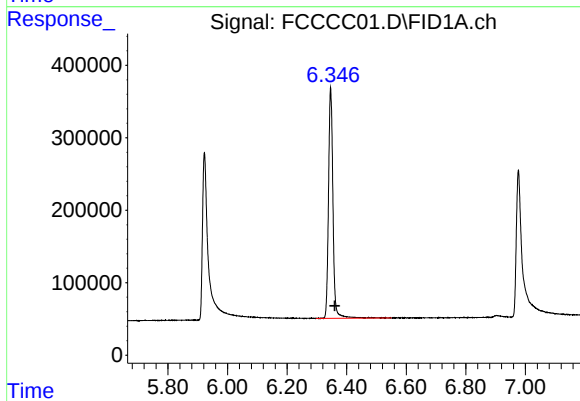
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: -0.009 min
Response: 3284125
Conc: 18.94 ug/ml



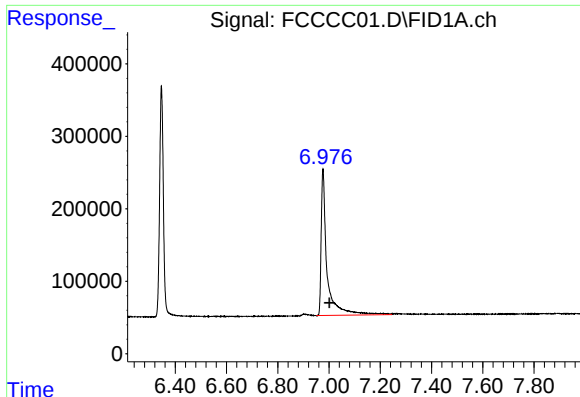
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.022 min
Response: 3487540
Conc: 19.43 ug/ml



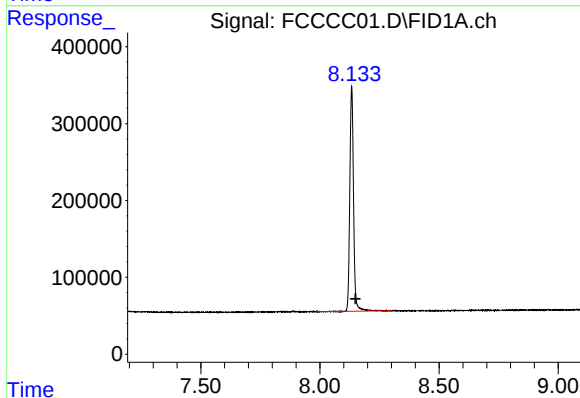
#4 n-Dodecane (C12)

R.T.: 6.346 min
Delta R.T.: -0.013 min
Response: 3302500
Conc: 18.74 ug/ml



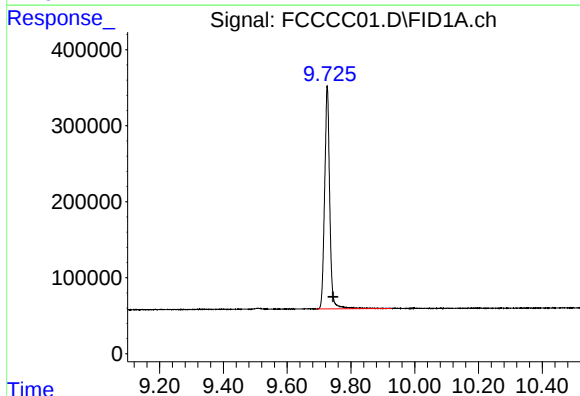
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.026 min
Response: 3239894
Conc: 19.02 ug/ml



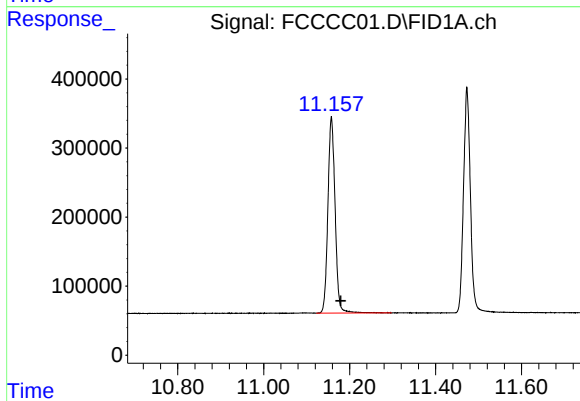
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: -0.016 min
Response: 3176833
Conc: 18.27 ug/ml



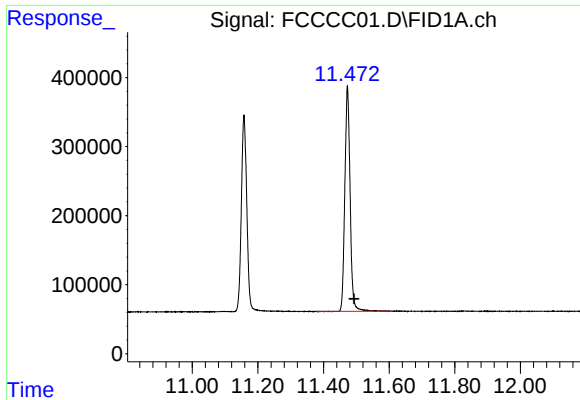
#7 n-Hexadecane (C16)

R.T.: 9.726 min
Delta R.T.: -0.018 min
Response: 3266162
Conc: 18.28 ug/ml



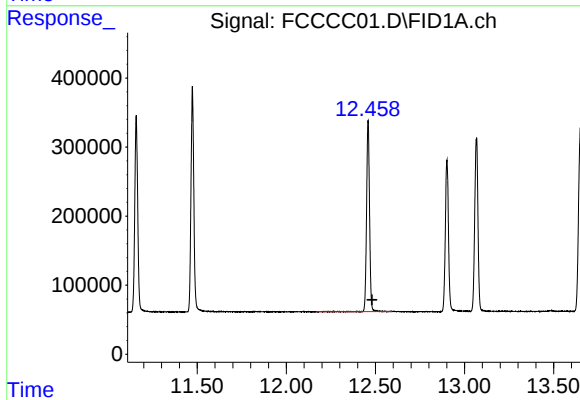
#8 n-Octadecane (C18)

R.T.: 11.158 min
Delta R.T.: -0.021 min
Response: 3303928
Conc: 18.18 ug/ml



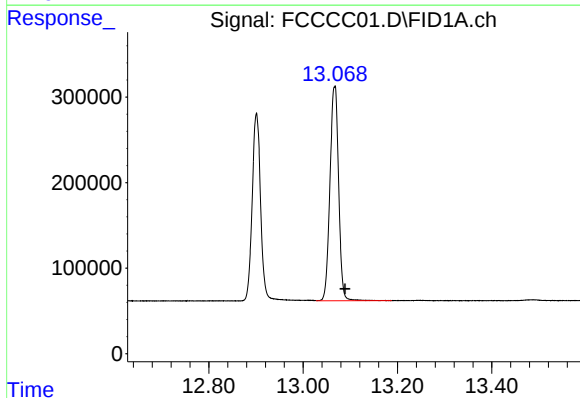
#9 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: -0.020 min
Response: 3633567
Conc: 18.59 ug/ml



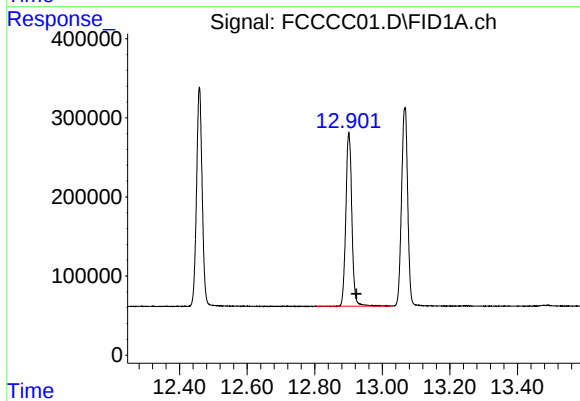
#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: -0.022 min
Response: 3207889
Conc: 18.37 ug/ml



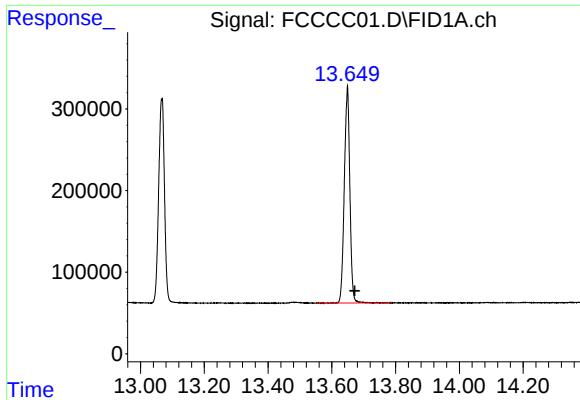
#11 n-Heneicosane (C21)

R.T.: 13.066 min
Delta R.T.: -0.022 min
Response: 3193430
Conc: 18.42 ug/ml



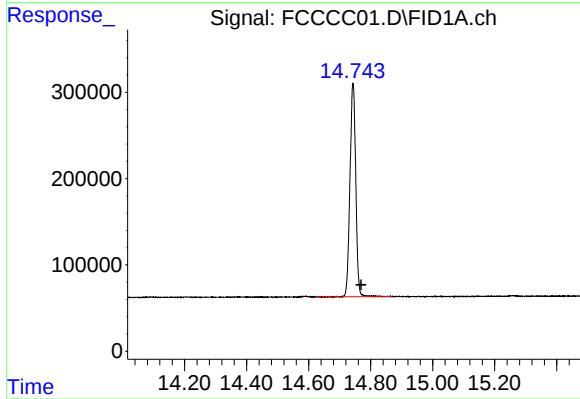
#12 1-chlorooctadecane (SURR)

R.T.: 12.901 min
Delta R.T.: -0.022 min
Response: 2728753
Conc: 18.72 ug/ml



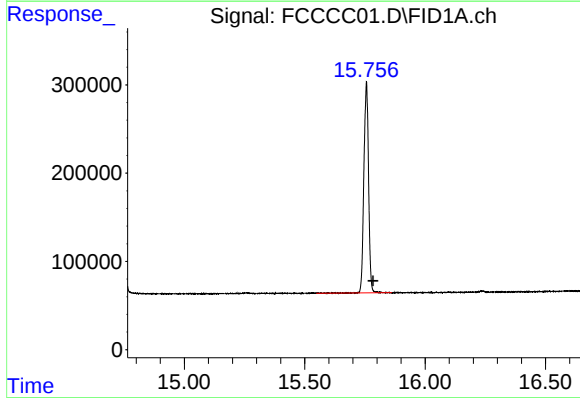
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: -0.023 min
Response: 3188750
Conc: 18.54 ug/ml



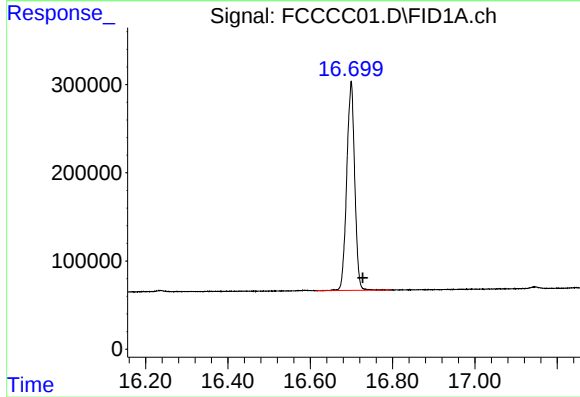
#14 n-Tetracosane (C24)

R.T.: 14.743 min
Delta R.T.: -0.026 min
Response: 3206131
Conc: 18.77 ug/ml



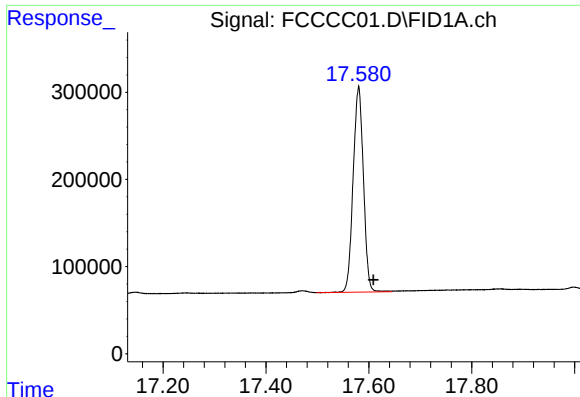
#15 n-Hexacosane (C26)

R.T.: 15.756 min
Delta R.T.: -0.028 min
Response: 3193114
Conc: 18.96 ug/ml



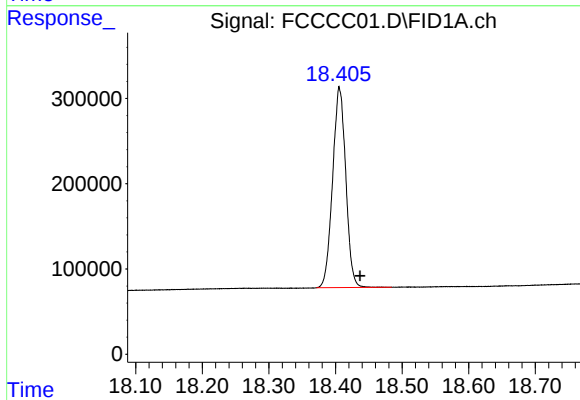
#16 n-Octacosane (C28)

R.T.: 16.699 min
Delta R.T.: -0.029 min
Response: 3182617
Conc: 19.14 ug/ml



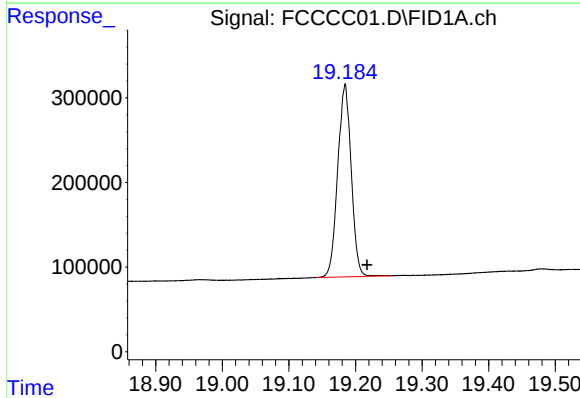
#17 n-Tricontane (C30)

R.T.: 17.580 min
Delta R.T.: -0.029 min
Response: 3263586
Conc: 19.11 ug/ml



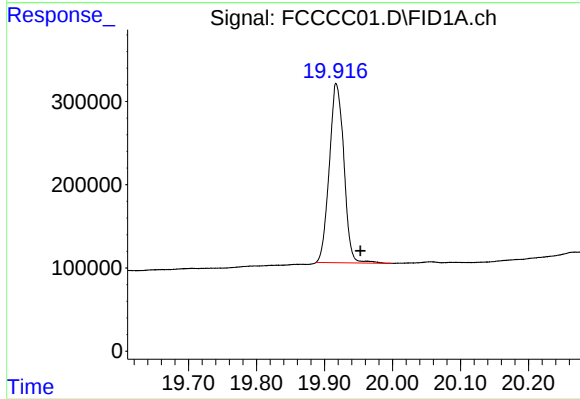
#18 n-Dotriacontane (C32)

R.T.: 18.406 min
Delta R.T.: -0.031 min
Response: 3228502
Conc: 19.15 ug/ml



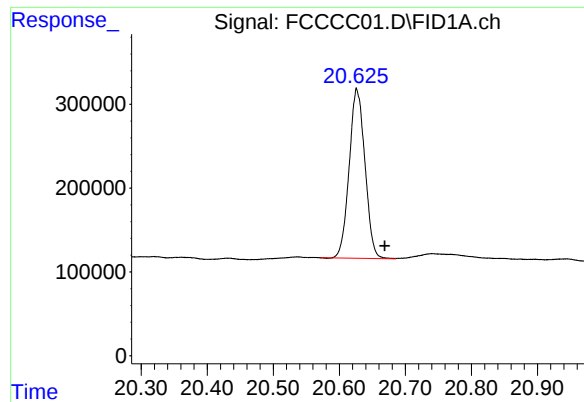
#19 n-Tetratriacontane (C34)

R.T.: 19.184 min
Delta R.T.: -0.034 min
Response: 3204723
Conc: 19.55 ug/ml



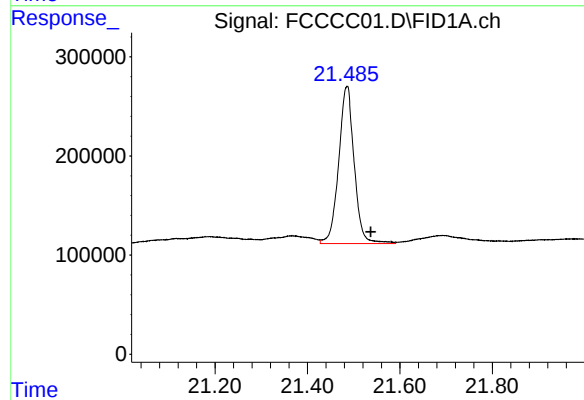
#20 n-Hexatriacontane (C36)

R.T.: 19.918 min
Delta R.T.: -0.035 min
Response: 3204194
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.627 min
Delta R.T.: -0.042 min
Response: 3353263
Conc: 21.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.485 min
Delta R.T.: -0.052 min
Response: 3694012
Conc: 23.36 ug/ml