

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031224AL\
 Data File : FC065996.D
 Signal(s) : FID1A.ch
 Acq On : 12 Mar 2024 19:00
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 13 01:25:49 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)	11.482	3782105	19.353 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
12) S 1-chlorooctadecane (S...	12.910	2816843	19.321 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
Target Compounds			
1) T n-Nonane (C9)	3.287	3369654	20.169 ug/ml
2) T n-Decane (C10)	4.347	3401803	19.614 ug/ml
3) T A~Naphthalene (C11.7)	5.934	3716876	20.712 ug/ml
4) T n-Dodecane (C12)	6.356	3531208	20.038 ug/ml
5) T A~2-methylnaphthalene...	6.988	3323706	19.512 ug/ml
6) T n-Tetradecane (C14)	8.143	3337534	19.193 ug/ml
7) T n-Hexadecane (C16)	9.734	3455602	19.343 ug/ml
8) T n-Octadecane (C18)	11.167	3495087	19.229 ug/ml
10) T n-Eicosane (C20)	12.468	3365911	19.276 ug/ml
11) T n-Heneicosane (C21)	13.076	3330967	19.212 ug/ml
13) T n-Docosane (C22)	13.658	3328889	19.356 ug/ml
14) T n-Tetracosane (C24)	14.754	3350941	19.619 ug/ml
15) T n-Hexacosane (C26)	15.767	3343140	19.854 ug/ml
16) T n-Octacosane (C28)	16.711	3342456	20.104 ug/ml
17) T n-Tricontane (C30)	17.593	3457156	20.248 ug/ml
18) T n-Dotriacontane (C32)	18.420	3409329	20.225 ug/ml
19) T n-Tetratriacontane (C34)	19.199	3185729	19.438 ug/ml
20) T n-Hexatriacontane (C36)	19.935	3190879	20.069 ug/ml
21) T n-Octatriacontane (C38)	20.647	2729040	17.422 ug/ml
22) T n-Tetracontane (C40)	21.507	3076436	19.454 ug/ml

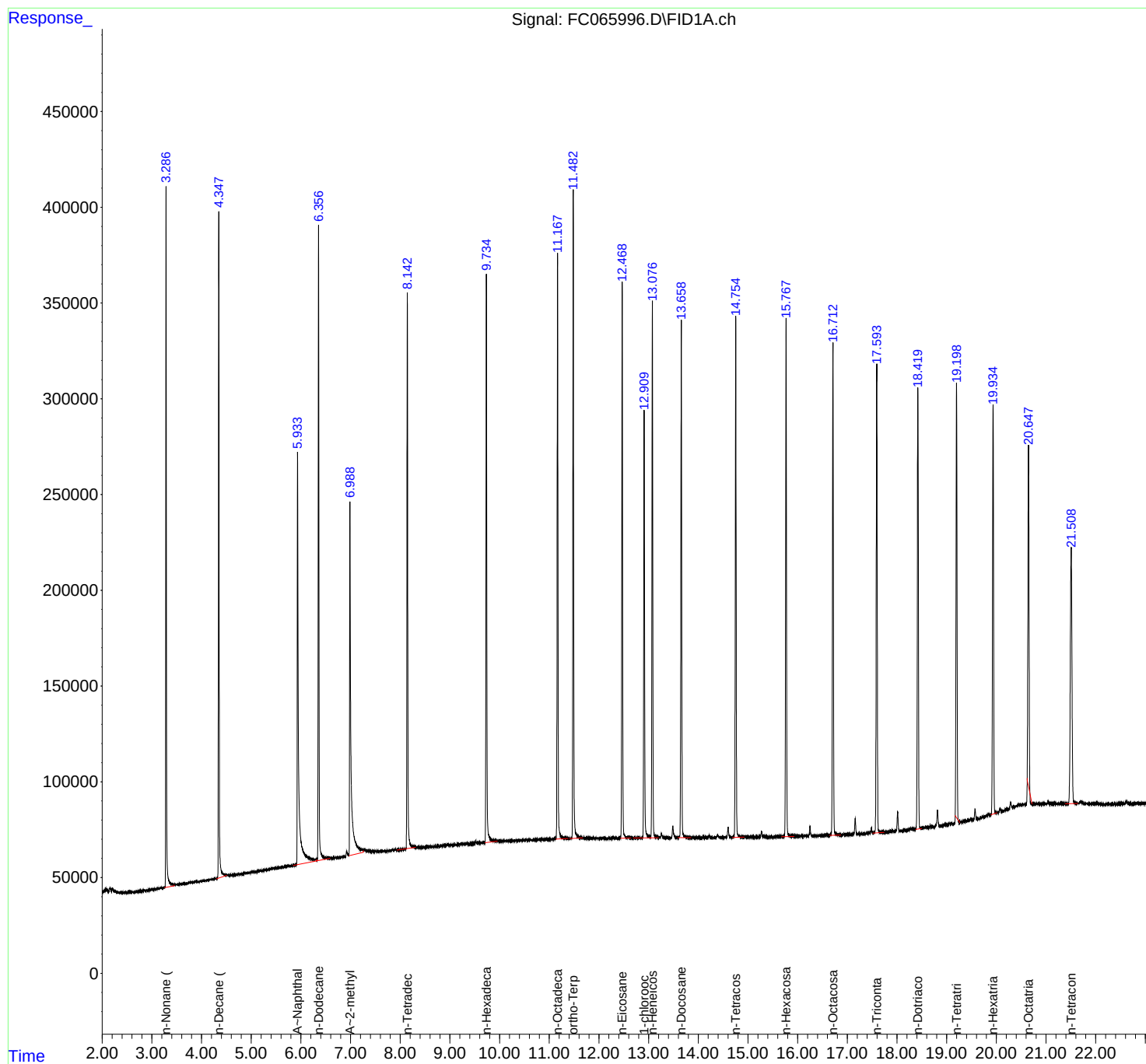
(f)=RT Delta > 1/2 Window

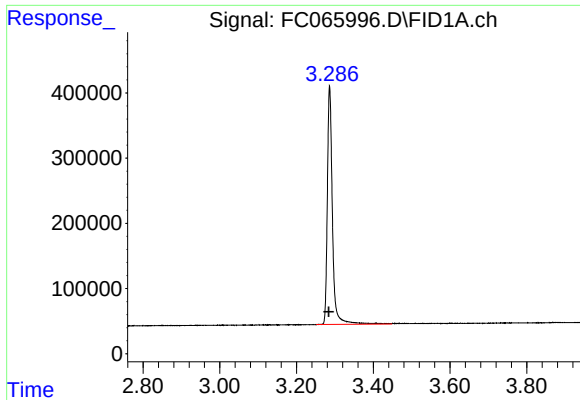
(m)=manual int.

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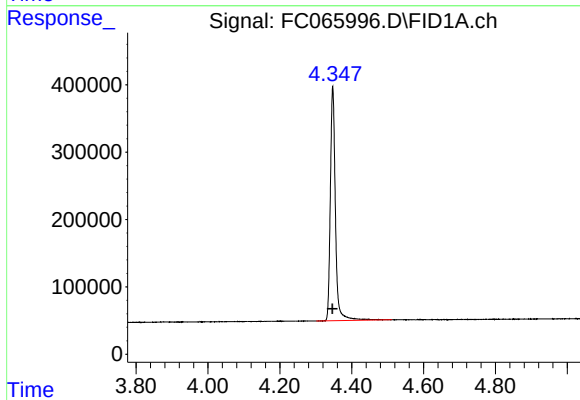
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





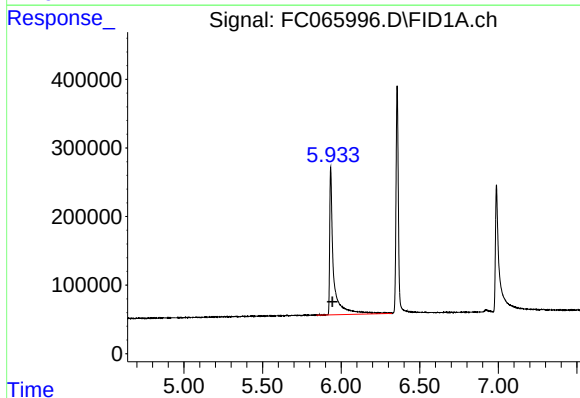
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.003 min
Response: 3369654
Conc: 20.17 ug/ml



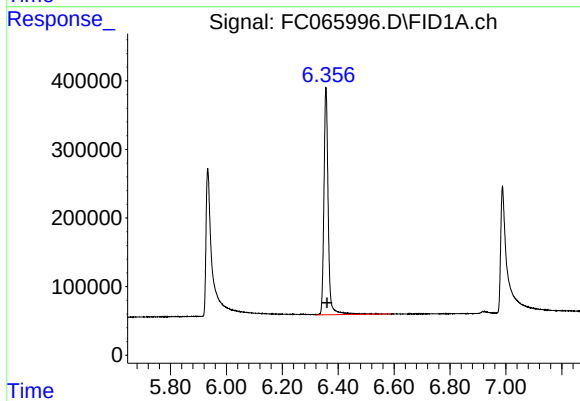
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 3401803
Conc: 19.61 ug/ml



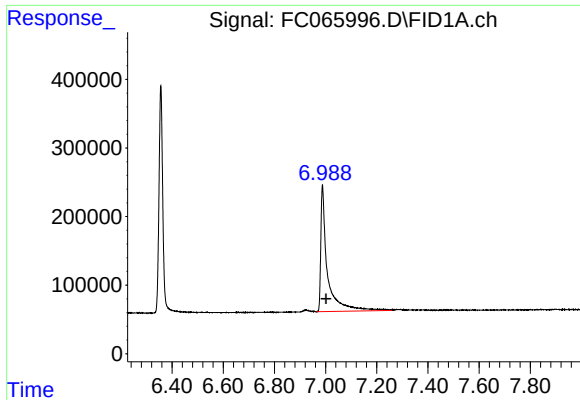
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.011 min
Response: 3716876
Conc: 20.71 ug/ml



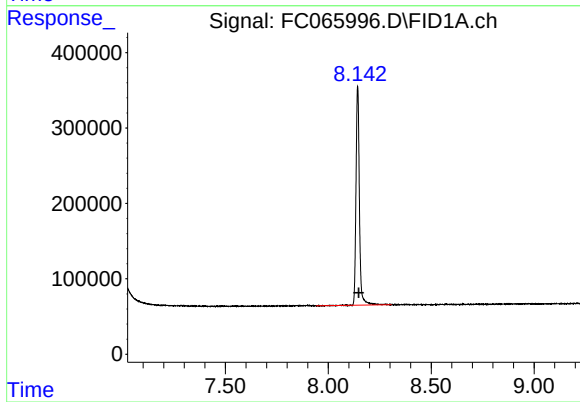
#4 n-Dodecane (C12)

R.T.: 6.356 min
Delta R.T.: -0.004 min
Response: 3531208
Conc: 20.04 ug/ml



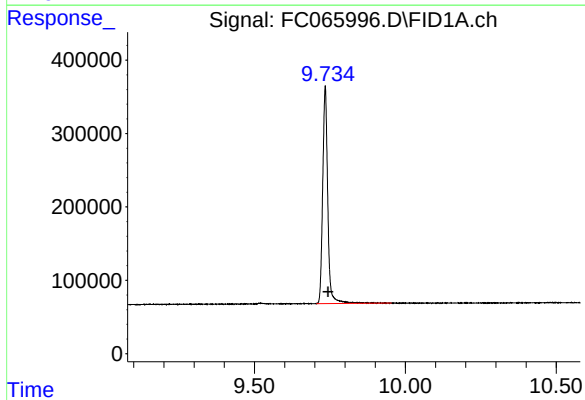
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.988 min
Delta R.T.: -0.014 min
Response: 3323706
Conc: 19.51 ug/ml



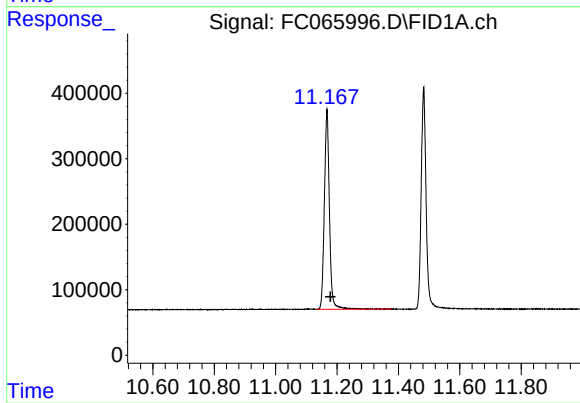
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: -0.006 min
Response: 3337534
Conc: 19.19 ug/ml



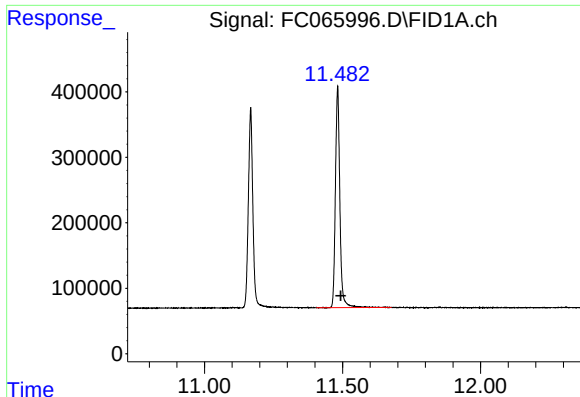
#7 n-Hexadecane (C16)

R.T.: 9.734 min
Delta R.T.: -0.009 min
Response: 3455602
Conc: 19.34 ug/ml



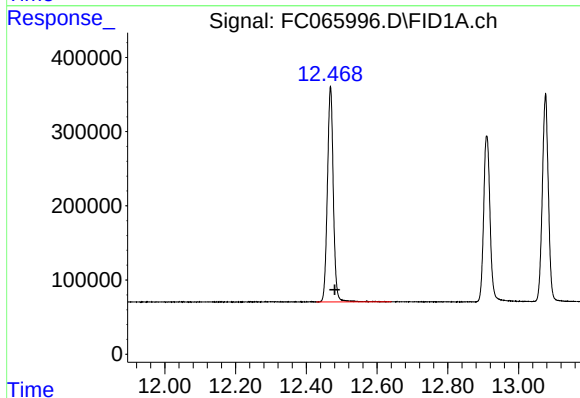
#8 n-Octadecane (C18)

R.T.: 11.167 min
Delta R.T.: -0.012 min
Response: 3495087
Conc: 19.23 ug/ml



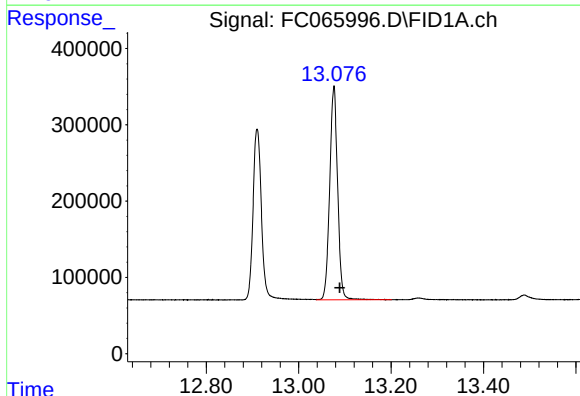
#9 ortho-Terphenyl (SURR)

R.T.: 11.482 min
Delta R.T.: -0.011 min
Response: 3782105
Conc: 19.35 ug/ml



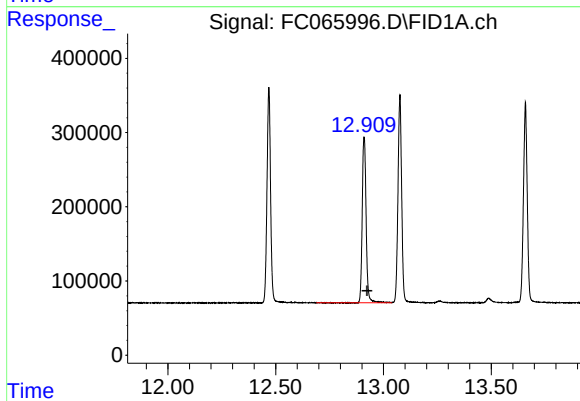
#10 n-Eicosane (C20)

R.T.: 12.468 min
Delta R.T.: -0.012 min
Response: 3365911
Conc: 19.28 ug/ml



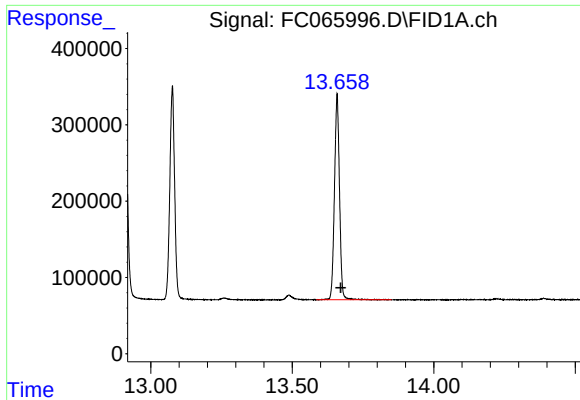
#11 n-Heneicosane (C21)

R.T.: 13.076 min
Delta R.T.: -0.013 min
Response: 3330967
Conc: 19.21 ug/ml



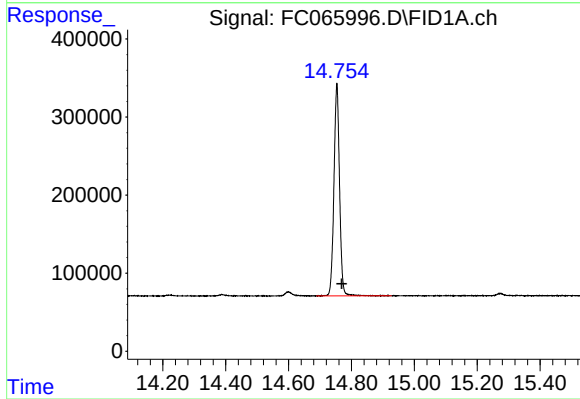
#12 1-chlorooctadecane (SURR)

R.T.: 12.910 min
Delta R.T.: -0.013 min
Response: 2816843
Conc: 19.32 ug/ml



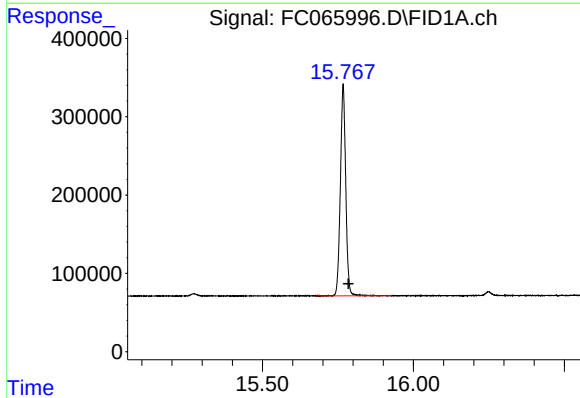
#13 n-Docosane (C22)

R.T.: 13.658 min
Delta R.T.: -0.013 min
Response: 3328889
Conc: 19.36 ug/ml



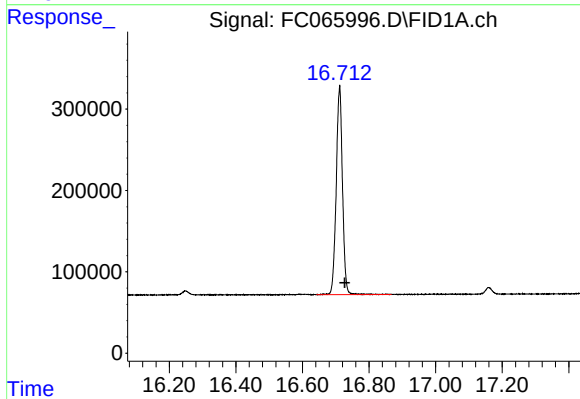
#14 n-Tetracosane (C24)

R.T.: 14.754 min
Delta R.T.: -0.016 min
Response: 3350941
Conc: 19.62 ug/ml



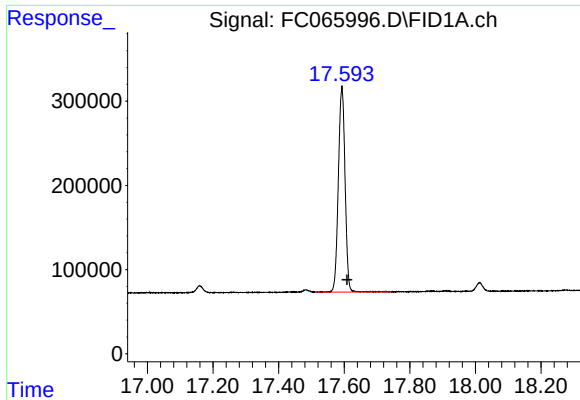
#15 n-Hexacosane (C26)

R.T.: 15.767 min
Delta R.T.: -0.017 min
Response: 3343140
Conc: 19.85 ug/ml



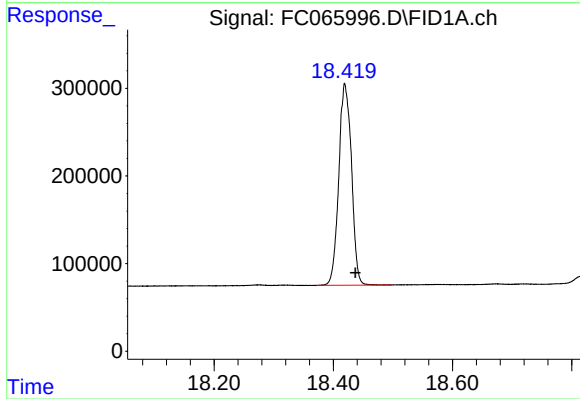
#16 n-Octacosane (C28)

R.T.: 16.711 min
Delta R.T.: -0.016 min
Response: 3342456
Conc: 20.10 ug/ml



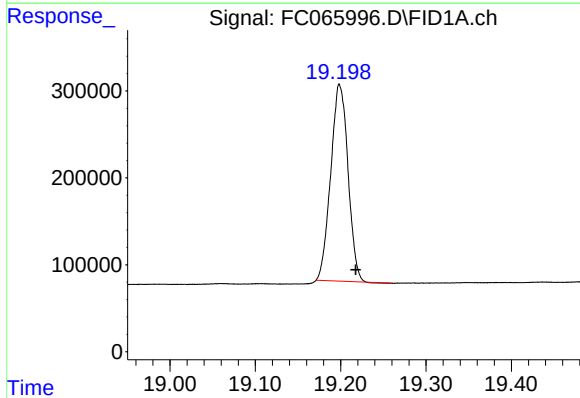
#17 n-Tricontane (C30)

R.T.: 17.593 min
Delta R.T.: -0.016 min
Response: 3457156
Conc: 20.25 ug/ml



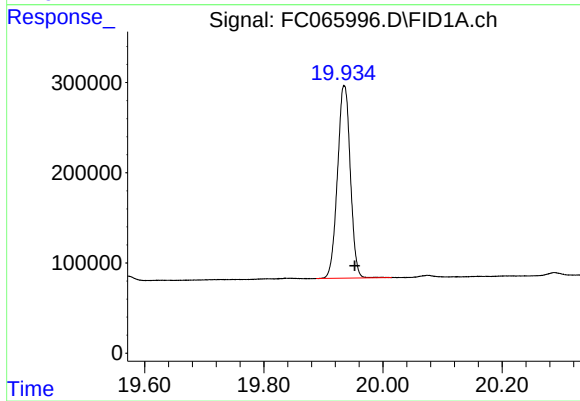
#18 n-Dotriacontane (C32)

R.T.: 18.420 min
Delta R.T.: -0.017 min
Response: 3409329
Conc: 20.22 ug/ml



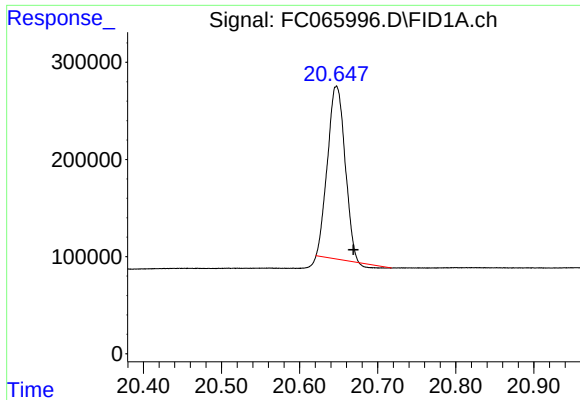
#19 n-Tetratriacontane (C34)

R.T.: 19.199 min
Delta R.T.: -0.019 min
Response: 3185729
Conc: 19.44 ug/ml



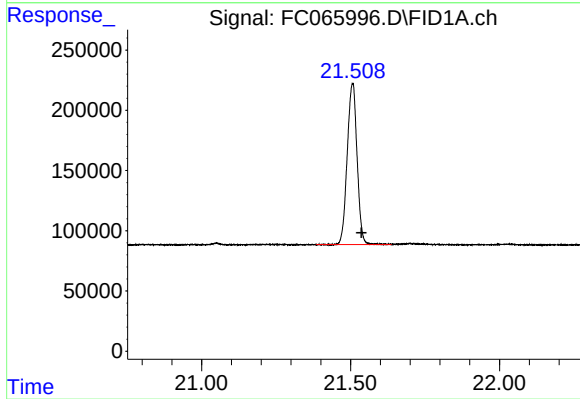
#20 n-Hexatriacontane (C36)

R.T.: 19.935 min
Delta R.T.: -0.018 min
Response: 3190879
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.647 min
Delta R.T.: -0.022 min
Response: 2729040
Conc: 17.42 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.507 min
Delta R.T.: -0.030 min
Response: 3076436
Conc: 19.45 ug/ml