

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031324AL\
 Data File : FC065999.D
 Signal(s) : FID1A.ch
 Acq On : 13 Mar 2024 11:31
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 14 01:25:19 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)	11.484	3334678	17.063 ug/ml
Spiked Amount 50.000		Recovery =	34.13%
12) S 1-chlorooctadecane (S...	12.912	2476635	16.988 ug/ml
Spiked Amount 50.000		Recovery =	33.98%
Target Compounds			
1) T n-Nonane (C9)	3.285	2810073	16.820 ug/ml
2) T n-Decane (C10)	4.347	2965931	17.101 ug/ml
3) T A~Naphthalene (C11.7)	5.936	3047835	16.984 ug/ml
4) T n-Dodecane (C12)	6.357	2917155	16.554 ug/ml
5) T A~2-methylnaphthalene...	6.992	2880793	16.912 ug/ml
6) T n-Tetradecane (C14)	8.144	2882973	16.579 ug/ml
7) T n-Hexadecane (C16)	9.737	2962523	16.583 ug/ml
8) T n-Octadecane (C18)	11.170	3022050	16.626 ug/ml
10) T n-Eicosane (C20)	12.471	2914347	16.690 ug/ml
11) T n-Heneicosane (C21)	13.077	2936816	16.939 ug/ml
13) T n-Docosane (C22)	13.659	2978018	17.316 ug/ml
14) T n-Tetracosane (C24)	14.754	3038585	17.791 ug/ml
15) T n-Hexacosane (C26)	15.768	3074933	18.261 ug/ml
16) T n-Octacosane (C28)	16.712	3260557	19.611 ug/ml
17) T n-Tricontane (C30)	17.593	3704184	21.695 ug/ml
18) T n-Dotriacontane (C32)	18.419	3816413	22.639 ug/ml
19) T n-Tetratriacontane (C34)	19.198	3533095	21.557 ug/mlm
20) T n-Hexatriacontane (C36)	19.932	3226249	20.291 ug/ml
21) T n-Octatriacontane (C38)	20.645	3013901	19.241 ug/mlm
22) T n-Tetracontane (C40)	21.504	2853733	18.046 ug/ml

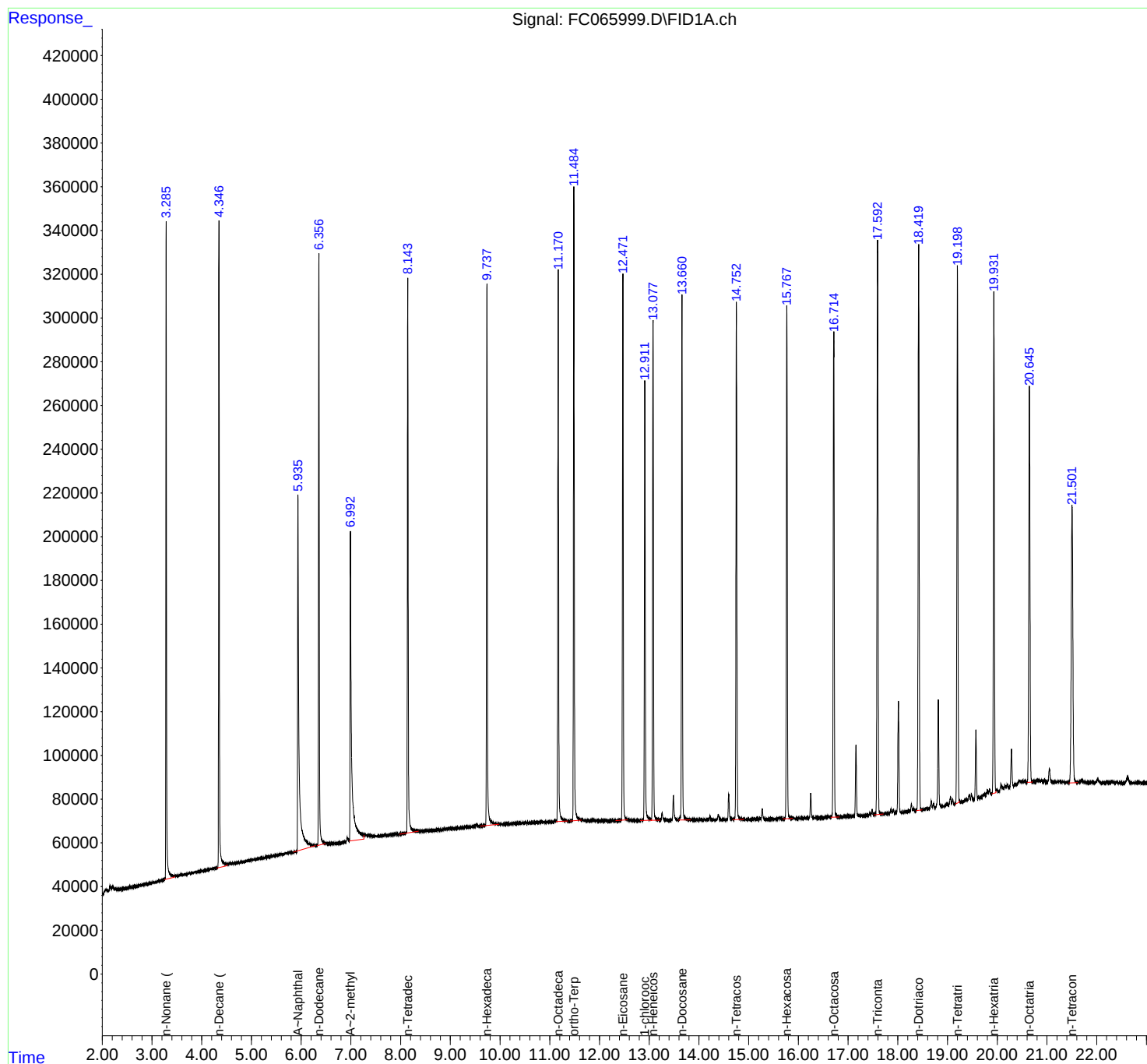
(f)=RT Delta > 1/2 Window

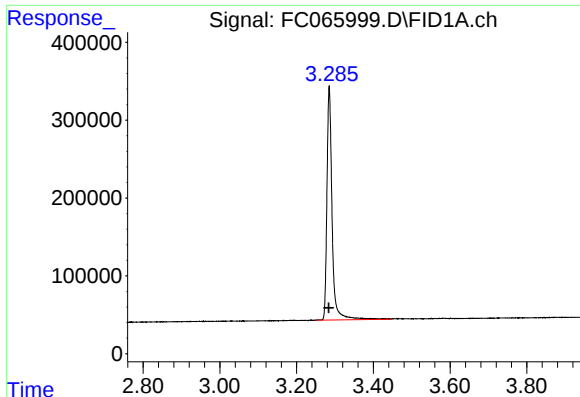
(m)=manual int.

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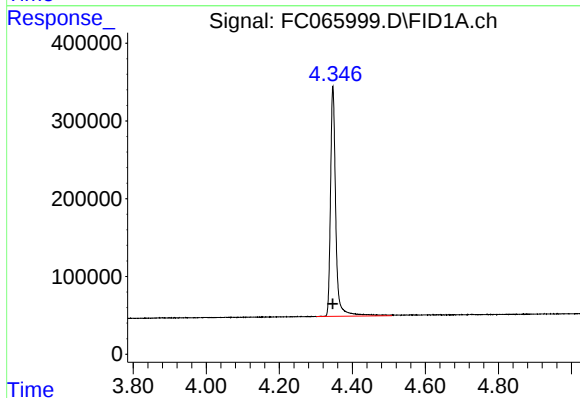
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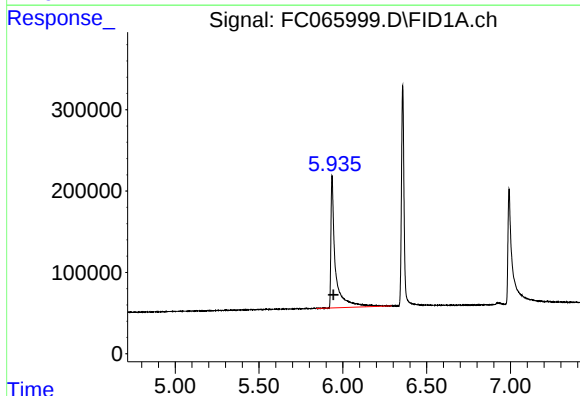
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: 0.001 min
Response: 2810073
Conc: 16.82 ug/ml



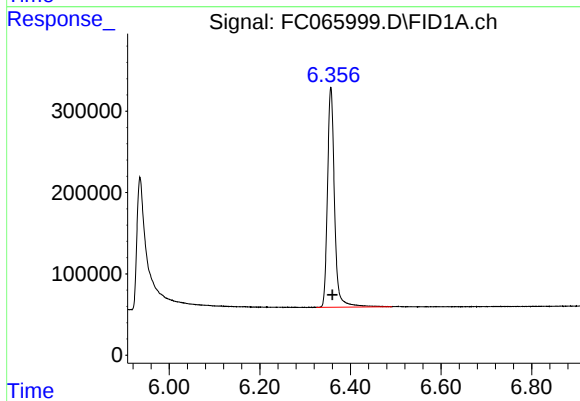
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 2965931
Conc: 17.10 ug/ml



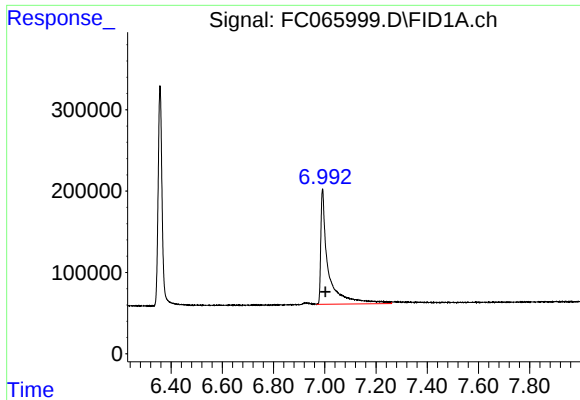
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.009 min
Response: 3047835
Conc: 16.98 ug/ml



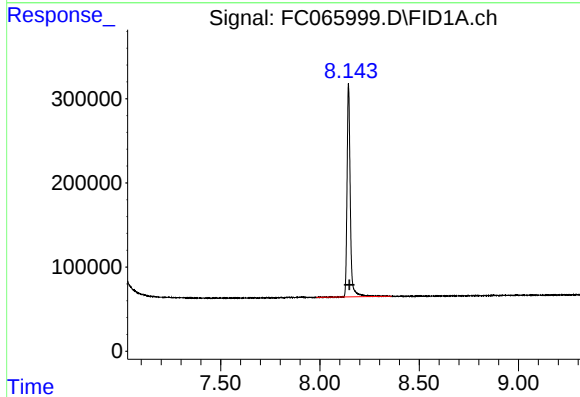
#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: -0.003 min
Response: 2917155
Conc: 16.55 ug/ml



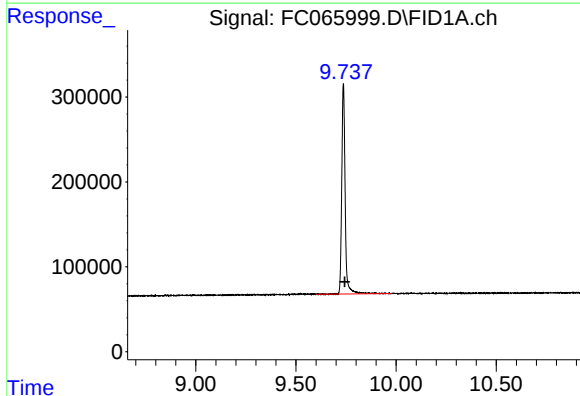
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.011 min
Response: 2880793
Conc: 16.91 ug/ml



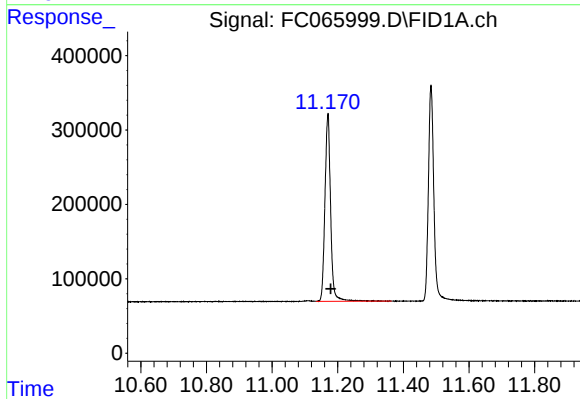
#6 n-Tetradecane (C14)

R.T.: 8.144 min
Delta R.T.: -0.005 min
Response: 2882973
Conc: 16.58 ug/ml



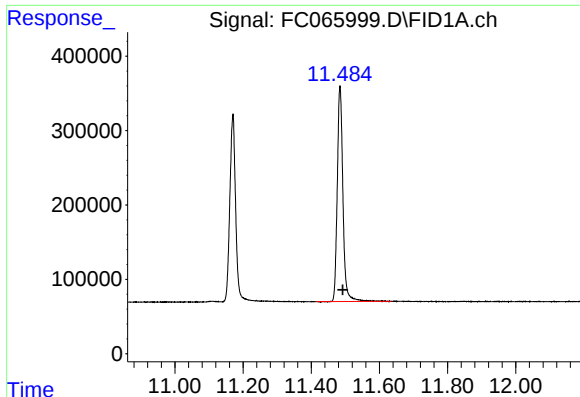
#7 n-Hexadecane (C16)

R.T.: 9.737 min
Delta R.T.: -0.007 min
Response: 2962523
Conc: 16.58 ug/ml



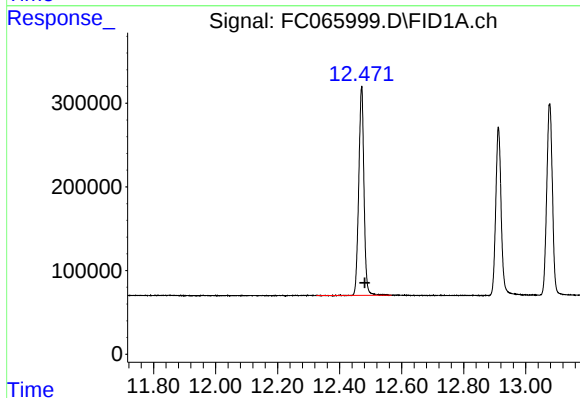
#8 n-Octadecane (C18)

R.T.: 11.170 min
Delta R.T.: -0.009 min
Response: 3022050
Conc: 16.63 ug/ml



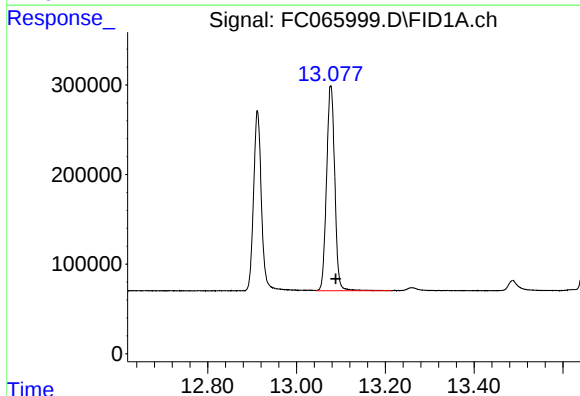
#9 ortho-Terphenyl (SURR)

R.T.: 11.484 min
Delta R.T.: -0.008 min
Response: 3334678
Conc: 17.06 ug/ml



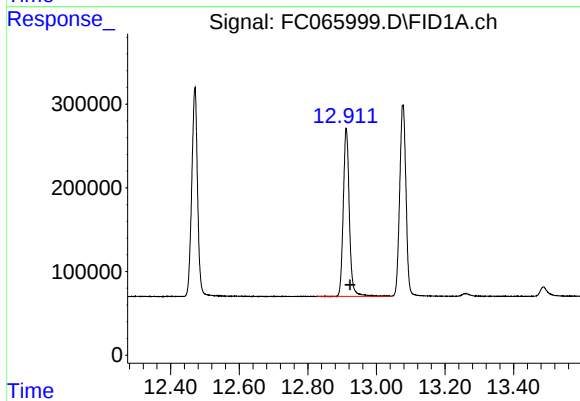
#10 n-Eicosane (C20)

R.T.: 12.471 min
Delta R.T.: -0.010 min
Response: 2914347
Conc: 16.69 ug/ml



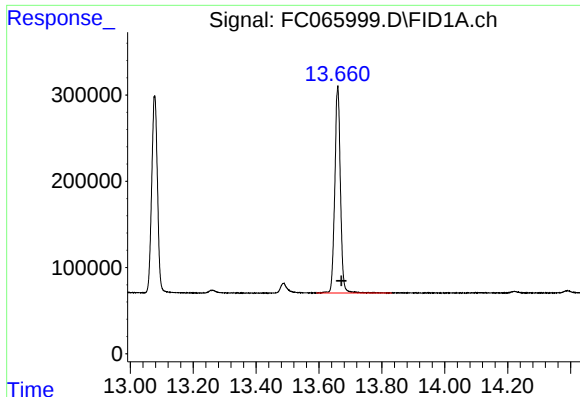
#11 n-Heneicosane (C21)

R.T.: 13.077 min
Delta R.T.: -0.011 min
Response: 2936816
Conc: 16.94 ug/ml



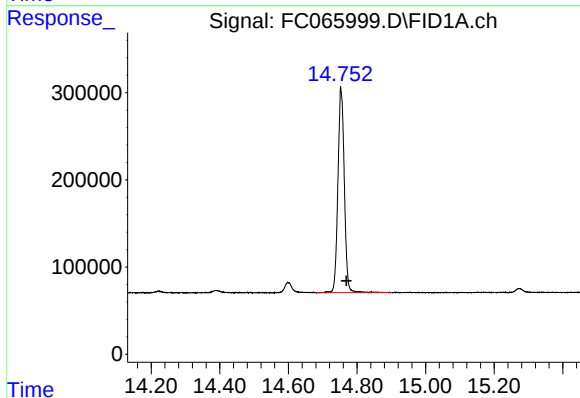
#12 1-chlorooctadecane (SURR)

R.T.: 12.912 min
Delta R.T.: -0.011 min
Response: 2476635
Conc: 16.99 ug/ml



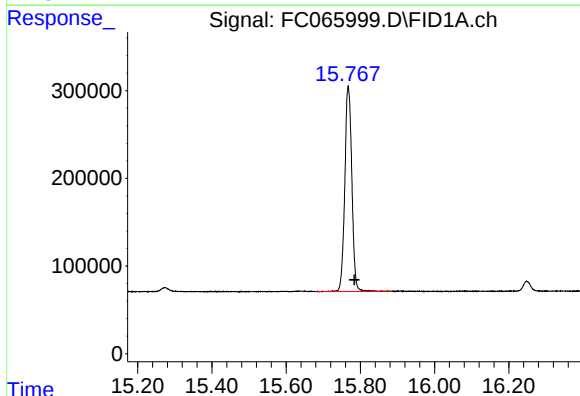
#13 n-Docosane (C22)

R.T.: 13.659 min
Delta R.T.: -0.012 min
Response: 2978018
Conc: 17.32 ug/ml



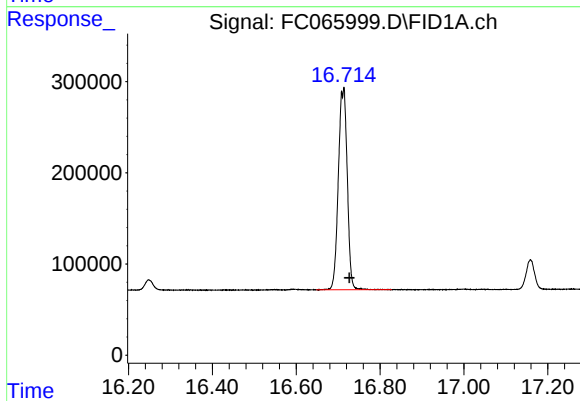
#14 n-Tetracosane (C24)

R.T.: 14.754 min
Delta R.T.: -0.015 min
Response: 3038585
Conc: 17.79 ug/ml



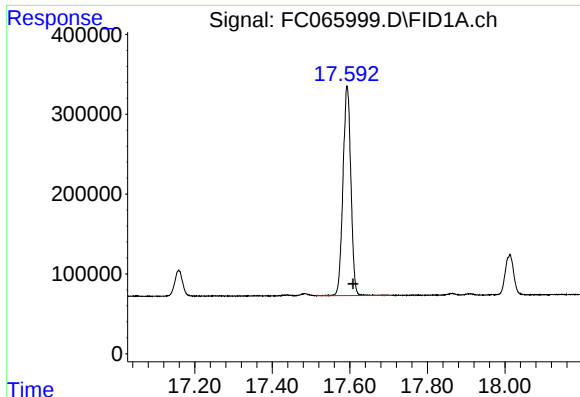
#15 n-Hexacosane (C26)

R.T.: 15.768 min
Delta R.T.: -0.016 min
Response: 3074933
Conc: 18.26 ug/ml



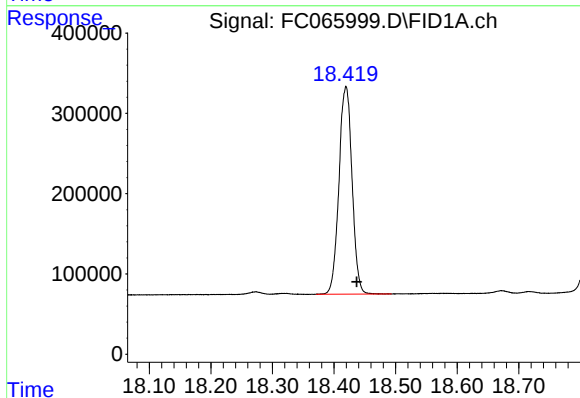
#16 n-Octacosane (C28)

R.T.: 16.712 min
Delta R.T.: -0.015 min
Response: 3260557
Conc: 19.61 ug/ml



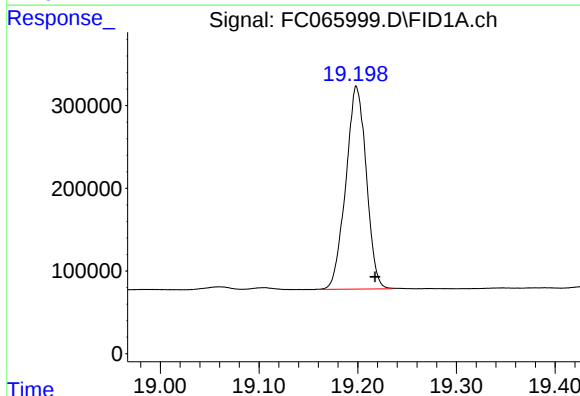
#17 n-Tricontane (C30)

R.T.: 17.593 min
Delta R.T.: -0.015 min
Response: 3704184
Conc: 21.69 ug/ml



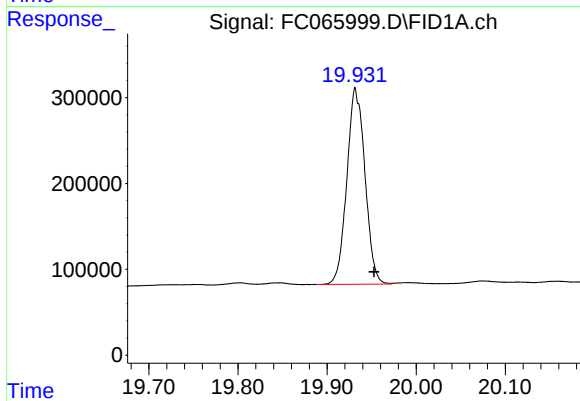
#18 n-Dotriacontane (C32)

R.T.: 18.419 min
Delta R.T.: -0.018 min
Response: 3816413
Conc: 22.64 ug/ml



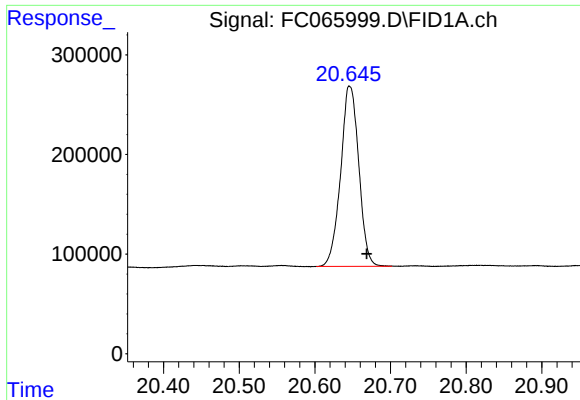
#19 n-Tetratriacontane (C34)

R.T.: 19.198 min
Delta R.T.: -0.020 min
Response: 3533095
Conc: 21.56 ug/ml m



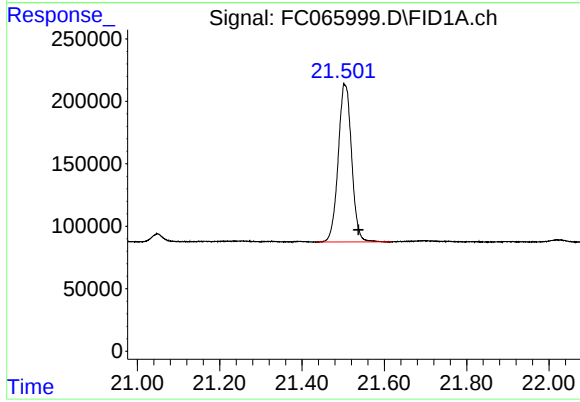
#20 n-Hexatriacontane (C36)

R.T.: 19.932 min
Delta R.T.: -0.020 min
Response: 3226249
Conc: 20.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.645 min
Delta R.T.: -0.024 min
Response: 3013901
Conc: 19.24 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.504 min
Delta R.T.: -0.033 min
Response: 2853733
Conc: 18.05 ug/ml