

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031124AL\
 Data File : FC065984.D
 Signal(s) : FID1A.ch
 Acq On : 11 Mar 2024 23:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 12 03:56:39 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)	11.496	3710808	18.988 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
12) S 1-chlorooctadecane (S...	12.926	2770404	19.003 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
Target Compounds			
1) T n-Nonane (C9)	3.284	3247545	19.438 ug/ml
2) T n-Decane (C10)	4.347	3335758	19.234 ug/ml
3) T A~Naphthalene (C11.7)	5.937	3601141	20.067 ug/ml
4) T n-Dodecane (C12)	6.361	3416309	19.386 ug/ml
5) T A~2-methylnaphthalene...	6.994	3367530	19.770 ug/ml
6) T n-Tetradecane (C14)	8.152	3286163	18.897 ug/ml
7) T n-Hexadecane (C16)	9.747	3397567	19.018 ug/ml
8) T n-Octadecane (C18)	11.181	3421665	18.825 ug/ml
10) T n-Eicosane (C20)	12.483	3297014	18.882 ug/ml
11) T n-Heneicosane (C21)	13.091	3272473	18.875 ug/ml
13) T n-Docosane (C22)	13.675	3261328	18.963 ug/ml
14) T n-Tetracosane (C24)	14.771	3254319	19.054 ug/ml
15) T n-Hexacosane (C26)	15.787	3219135	19.117 ug/ml
16) T n-Octacosane (C28)	16.730	3195046	19.217 ug/ml
17) T n-Tricontane (C30)	17.614	3272999	19.169 ug/ml
18) T n-Dotriacontane (C32)	18.442	3232731	19.177 ug/ml
19) T n-Tetratriacontane (C34)	19.222	3168694	19.334 ug/ml
20) T n-Hexatriacontane (C36)	19.959	3070752	19.313 ug/ml
21) T n-Octatriacontane (C38)	20.674	3040875	19.413 ug/ml
22) T n-Tetracontane (C40)	21.543	3022800	19.115 ug/ml

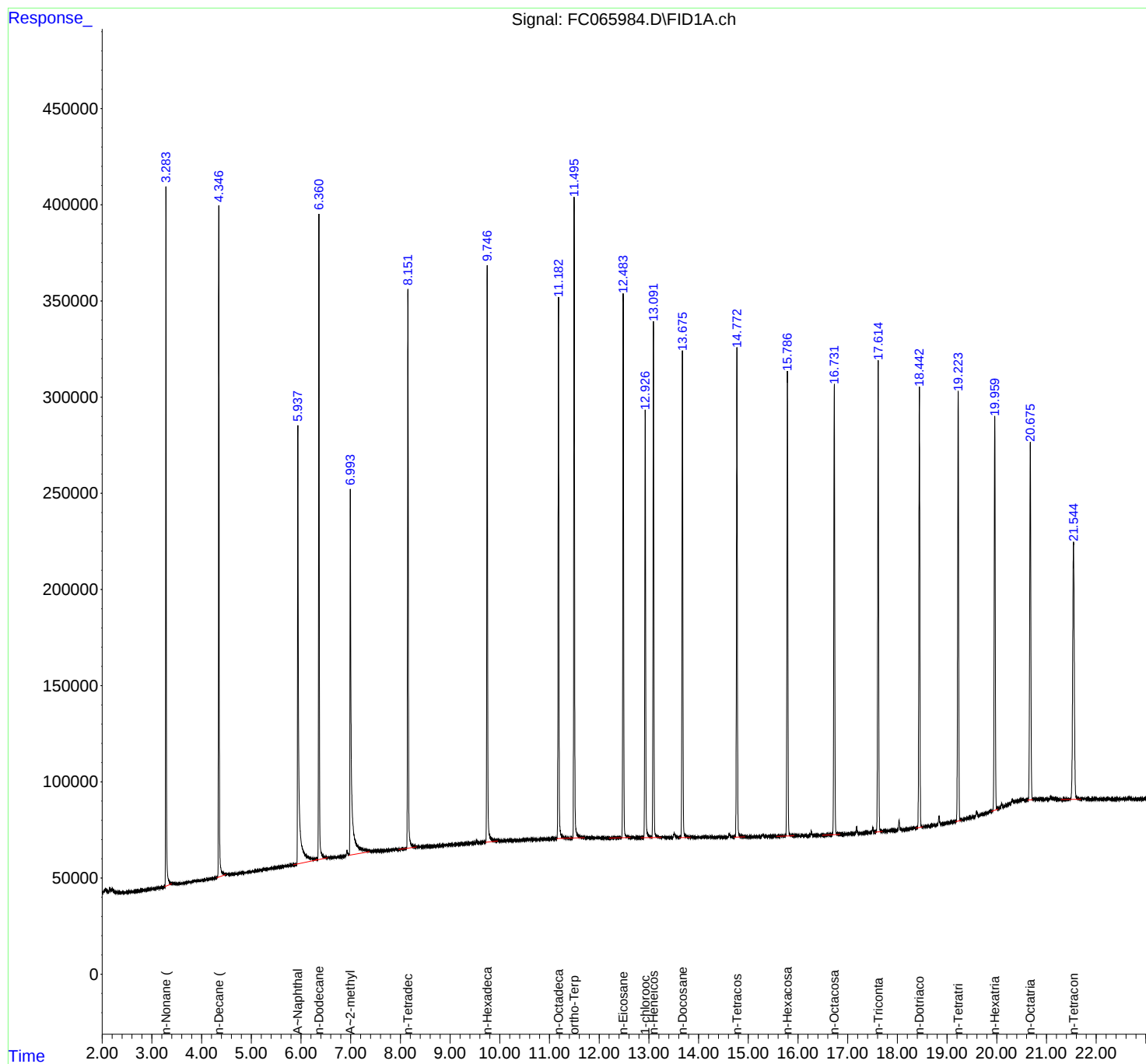
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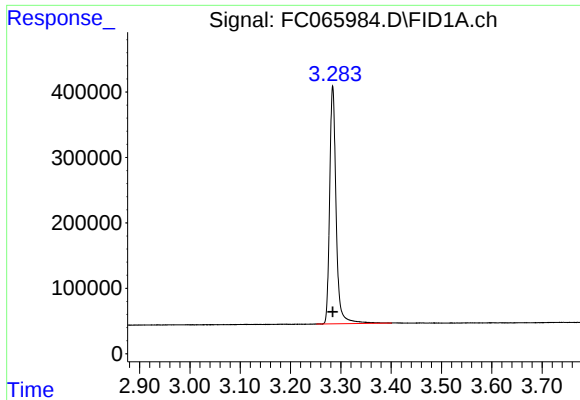
(m)=manual int.

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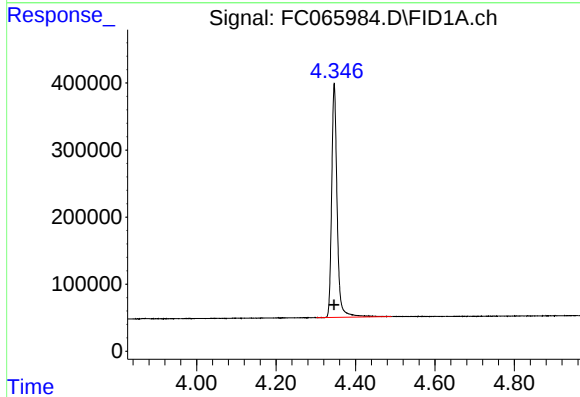
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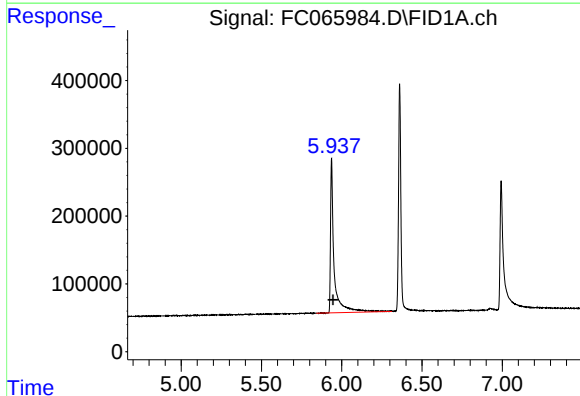
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: 0.000 min
Response: 3247545
Conc: 19.44 ug/ml



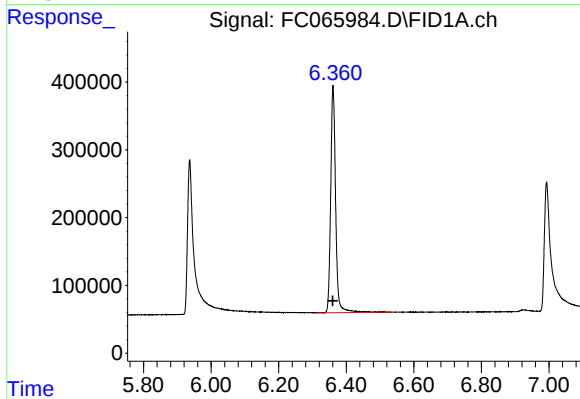
#2 n-Decane (C10)

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 3335758
Conc: 19.23 ug/ml



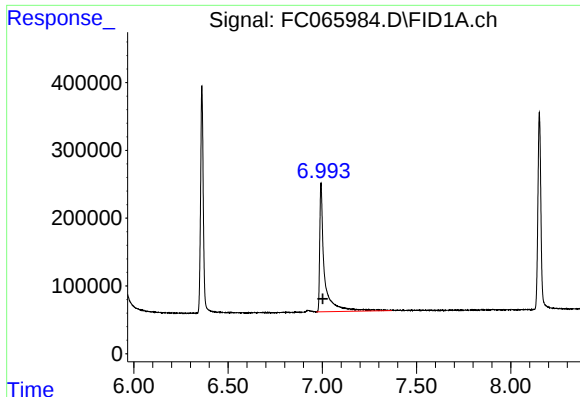
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.008 min
Response: 3601141
Conc: 20.07 ug/ml



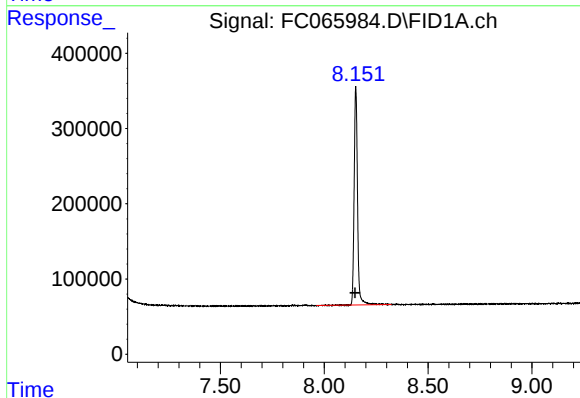
#4 n-Dodecane (C12)

R.T.: 6.361 min
Delta R.T.: 0.001 min
Response: 3416309
Conc: 19.39 ug/ml



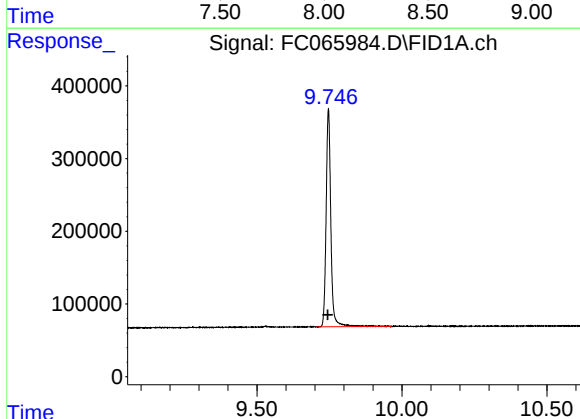
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.994 min
Delta R.T.: -0.009 min
Response: 3367530
Conc: 19.77 ug/ml



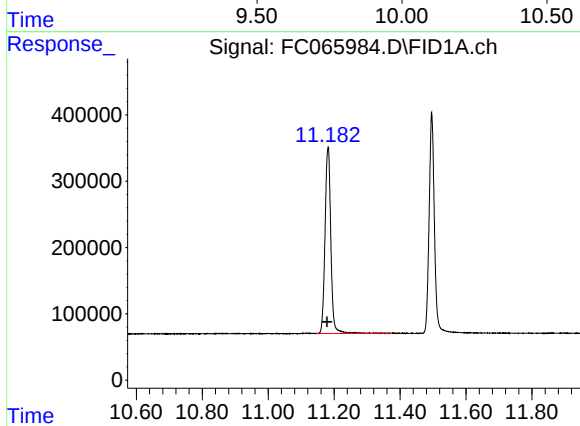
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.003 min
Response: 3286163
Conc: 18.90 ug/ml



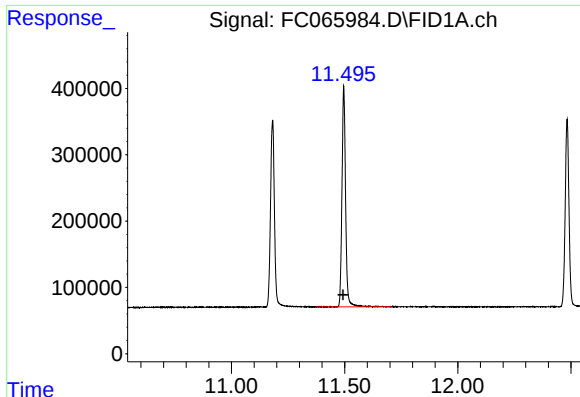
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: 0.003 min
Response: 3397567
Conc: 19.02 ug/ml



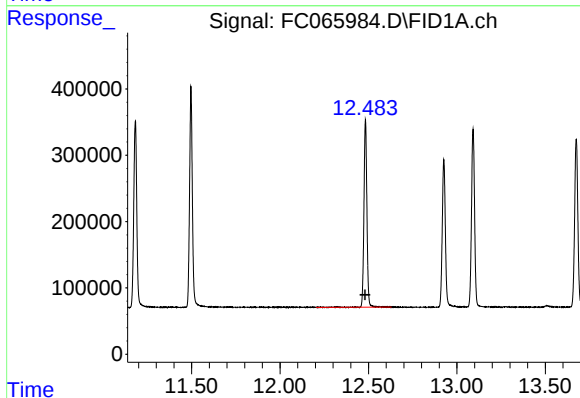
#8 n-Octadecane (C18)

R.T.: 11.181 min
Delta R.T.: 0.002 min
Response: 3421665
Conc: 18.82 ug/ml



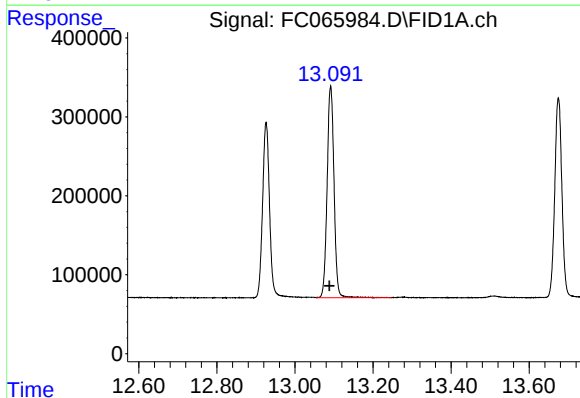
#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: 0.003 min
Response: 3710808
Conc: 18.99 ug/ml



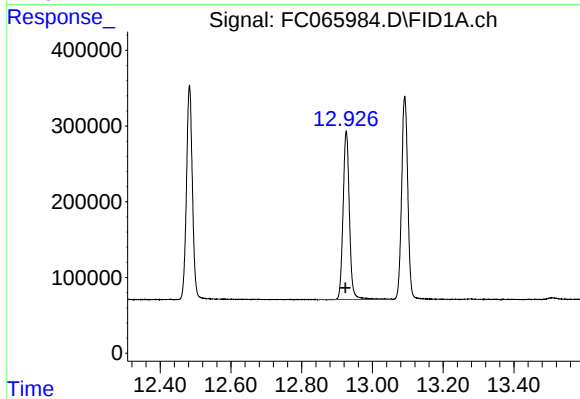
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.002 min
Response: 3297014
Conc: 18.88 ug/ml



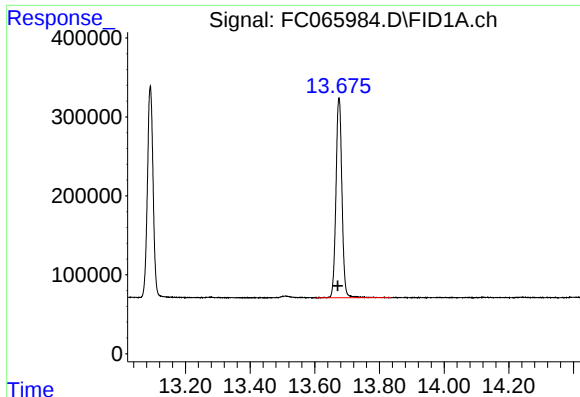
#11 n-Heneicosane (C21)

R.T.: 13.091 min
Delta R.T.: 0.003 min
Response: 3272473
Conc: 18.87 ug/ml



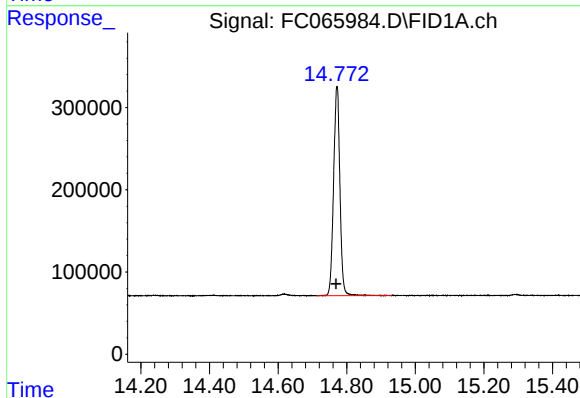
#12 1-chlorooctadecane (SURR)

R.T.: 12.926 min
Delta R.T.: 0.003 min
Response: 2770404
Conc: 19.00 ug/ml



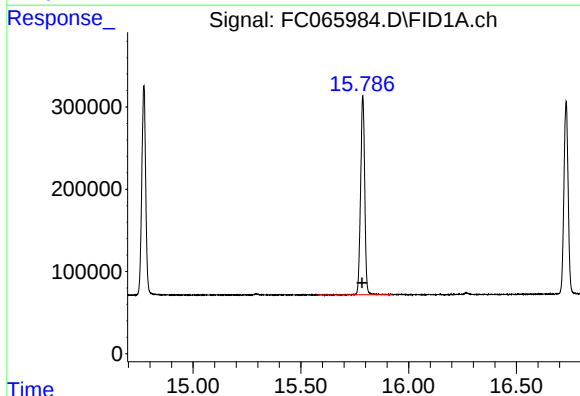
#13 n-Docosane (C22)

R.T.: 13.675 min
Delta R.T.: 0.003 min
Response: 3261328
Conc: 18.96 ug/ml



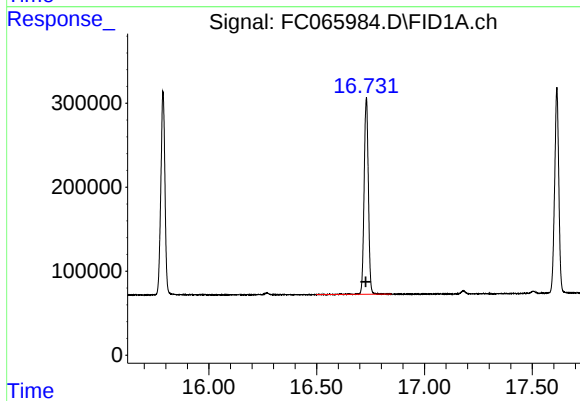
#14 n-Tetracosane (C24)

R.T.: 14.771 min
Delta R.T.: 0.002 min
Response: 3254319
Conc: 19.05 ug/ml



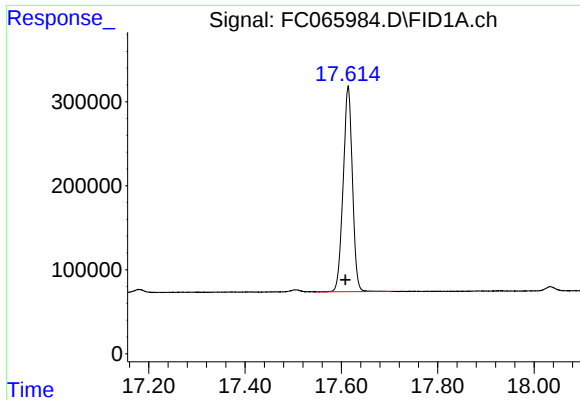
#15 n-Hexacosane (C26)

R.T.: 15.787 min
Delta R.T.: 0.003 min
Response: 3219135
Conc: 19.12 ug/ml



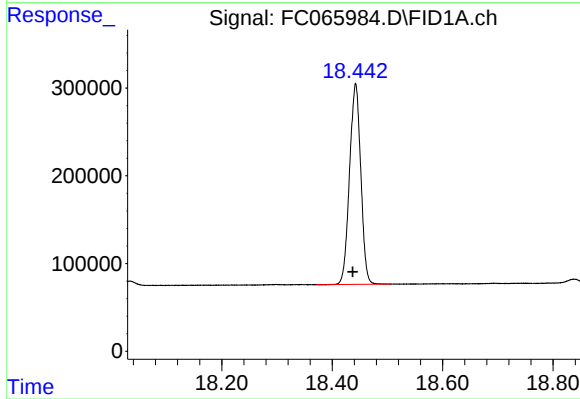
#16 n-Octacosane (C28)

R.T.: 16.730 min
Delta R.T.: 0.003 min
Response: 3195046
Conc: 19.22 ug/ml



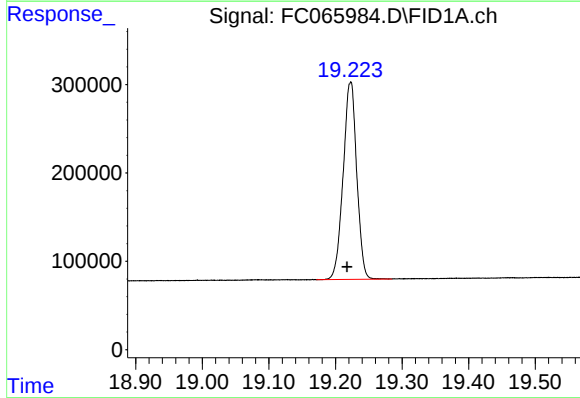
#17 n-Tricontane (C30)

R.T.: 17.614 min
Delta R.T.: 0.005 min
Response: 3272999
Conc: 19.17 ug/ml



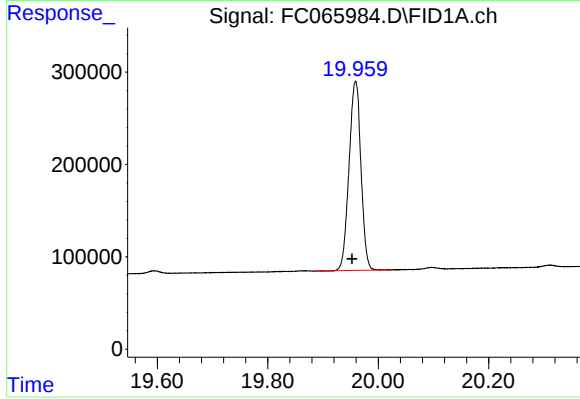
#18 n-Dotriacontane (C32)

R.T.: 18.442 min
Delta R.T.: 0.005 min
Response: 3232731
Conc: 19.18 ug/ml



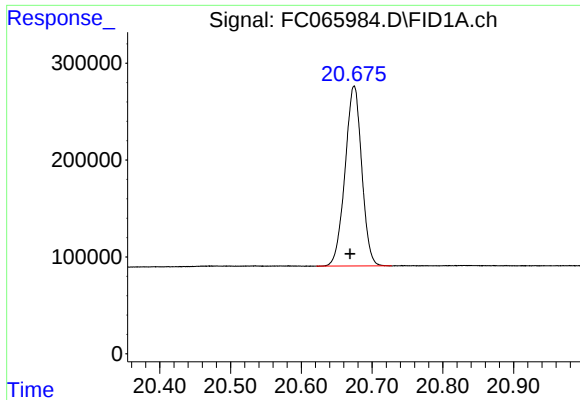
#19 n-Tetratriacontane (C34)

R.T.: 19.222 min
Delta R.T.: 0.005 min
Response: 3168694
Conc: 19.33 ug/ml



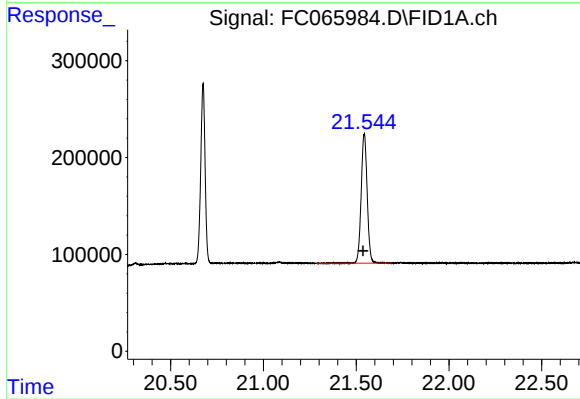
#20 n-Hexatriacontane (C36)

R.T.: 19.959 min
Delta R.T.: 0.006 min
Response: 3070752
Conc: 19.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.674 min
Delta R.T.: 0.005 min
Response: 3040875
Conc: 19.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.543 min
Delta R.T.: 0.006 min
Response: 3022800
Conc: 19.12 ug/ml