

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021624AL\
 Data File : FC065781.D
 Signal(s) : FID1A.ch
 Acq On : 16 Feb 2024 08:33
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 16 12:24:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:26:08 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)	11.500	3506930	20.445 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
12) S 1-chlorooctadecane (S...	12.932	2629378	20.893 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
Target Compounds			
1) T n-Nonane (C9)	3.289	3055860	20.340 ug/ml
2) T n-Decane (C10)	4.353	3155578	20.755 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3364816	21.820 ug/ml
4) T n-Dodecane (C12)	6.367	3138471	20.506 ug/ml
5) T A~2-methylnaphthalene...	6.994	3100550	21.774 ug/ml
6) T n-Tetradecane (C14)	8.157	3066870	20.657 ug/ml
7) T n-Hexadecane (C16)	9.751	3137733	20.923 ug/ml
8) T n-Octadecane (C18)	11.186	3177797	20.601 ug/ml
10) T n-Eicosane (C20)	12.489	3081552	20.492 ug/ml
11) T n-Heneicosane (C21)	13.098	3069439	20.524 ug/ml
13) T n-Docosane (C22)	13.681	3070627	20.701 ug/ml
14) T n-Tetracosane (C24)	14.778	3123244	21.006 ug/ml
15) T n-Hexacosane (C26)	15.793	3137371	21.171 ug/ml
16) T n-Octacosane (C28)	16.740	3194756	21.773 ug/ml
17) T n-Tricontane (C30)	17.623	3380552	22.520 ug/ml
18) T n-Dotriacontane (C32)	18.451	3395844	22.963 ug/ml
19) T n-Tetratriacontane (C34)	19.231	3247789	22.408 ug/ml
20) T n-Hexatriacontane (C36)	19.968	3139825	22.120 ug/ml
21) T n-Octatriacontane (C38)	20.686	3006189	21.238 ug/ml
22) T n-Tetracontane (C40)	21.561	3032469	21.740 ug/ml

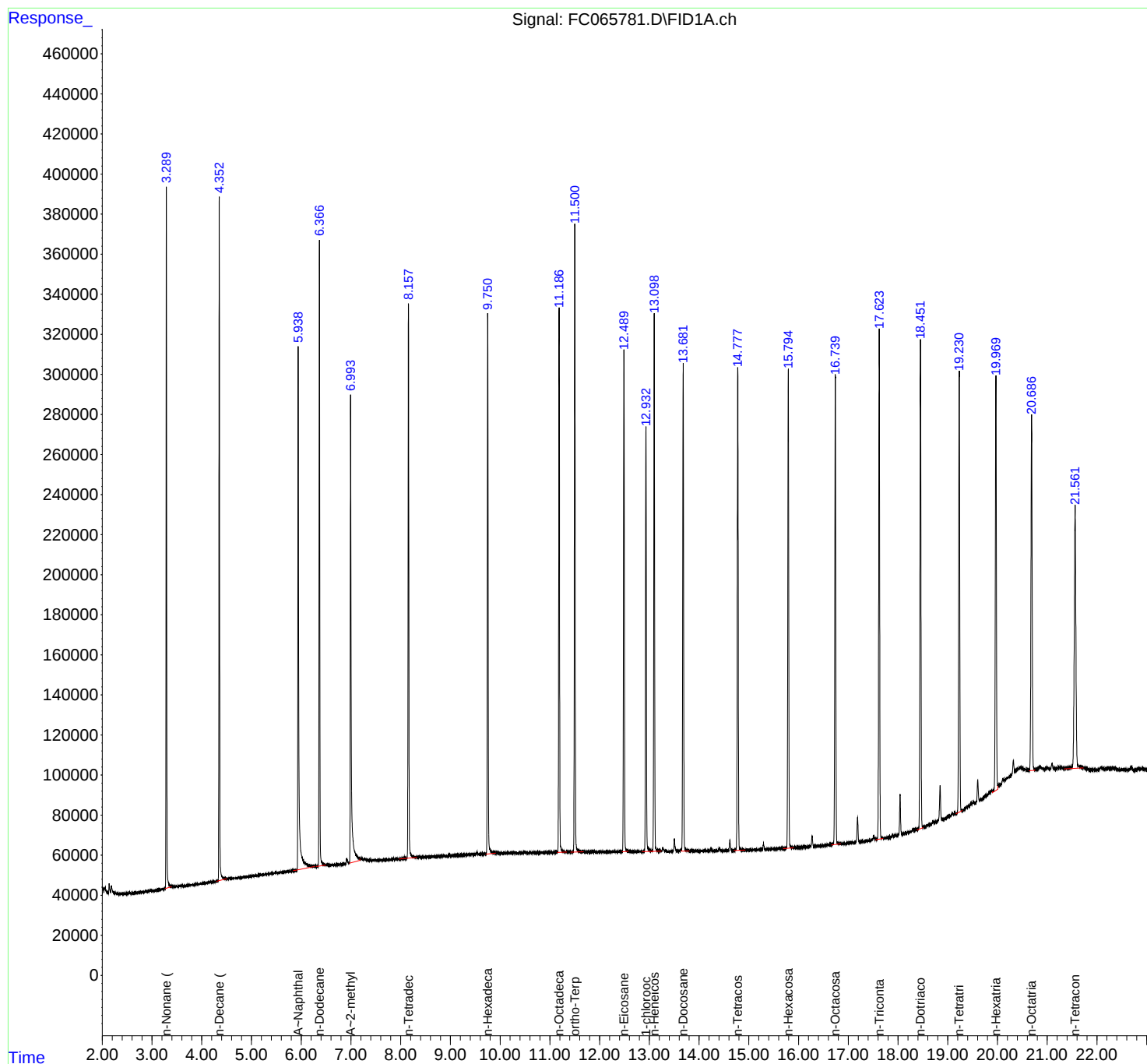
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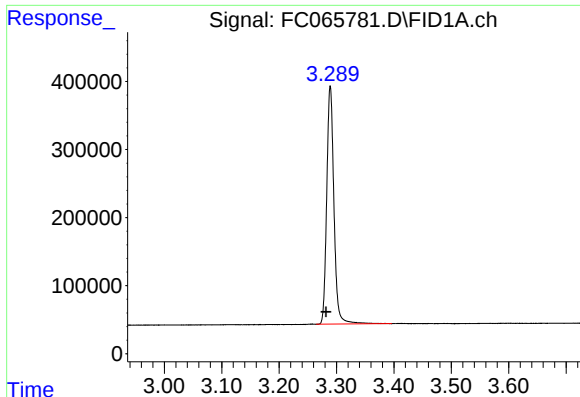
(m)=manual int.

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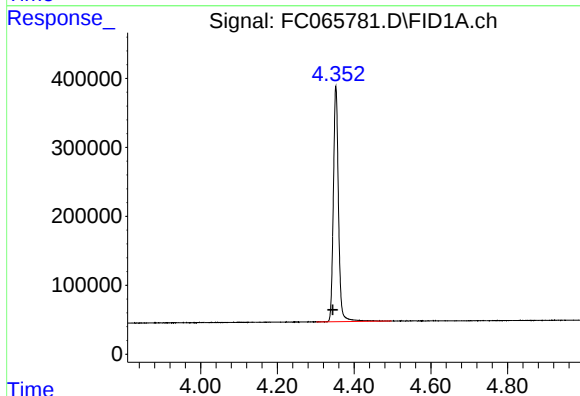
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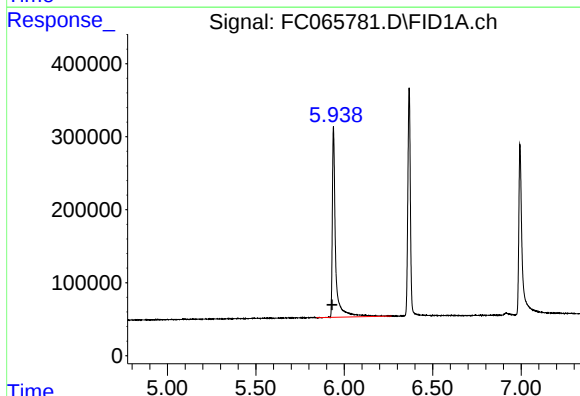
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: 0.007 min
Response: 3055860
Conc: 20.34 ug/ml



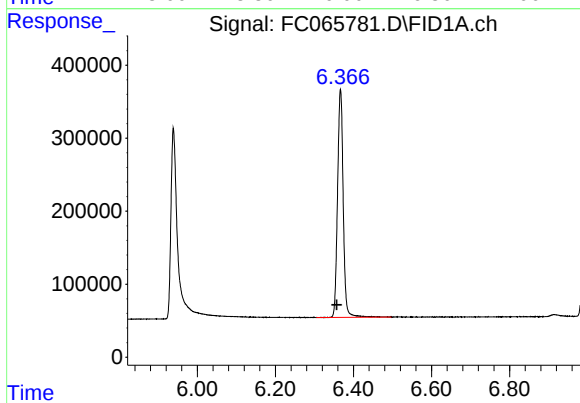
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: 0.008 min
Response: 3155578
Conc: 20.75 ug/ml



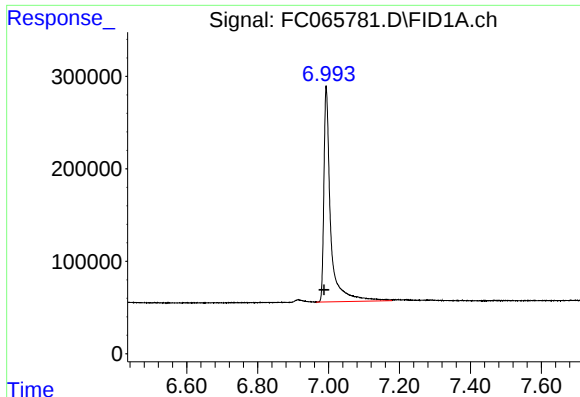
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.008 min
Response: 3364816
Conc: 21.82 ug/ml



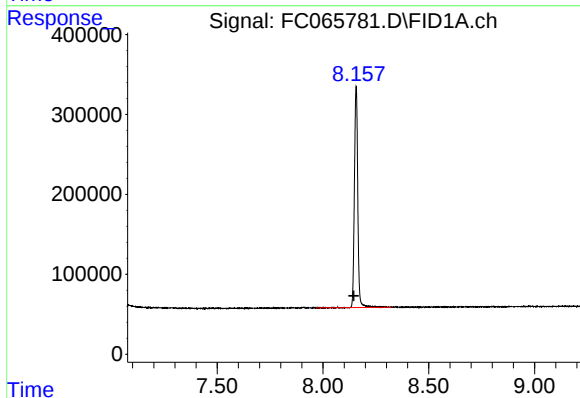
#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: 0.010 min
Response: 3138471
Conc: 20.51 ug/ml



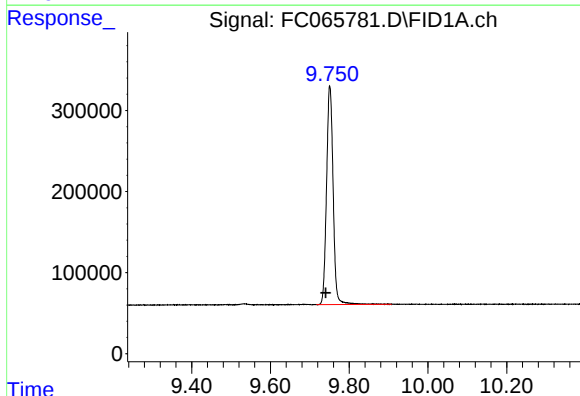
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.994 min
Delta R.T.: 0.007 min
Response: 3100550
Conc: 21.77 ug/ml



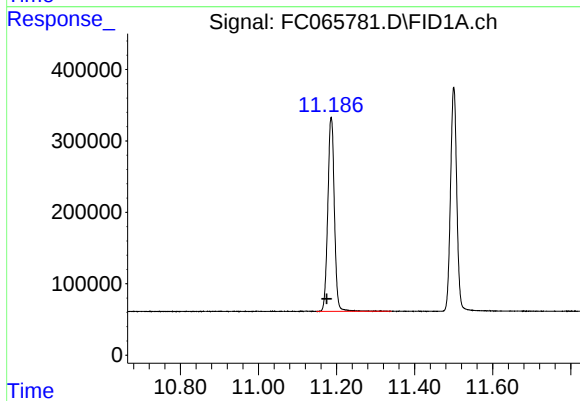
#6 n-Tetradecane (C14)

R.T.: 8.157 min
Delta R.T.: 0.011 min
Response: 3066870
Conc: 20.66 ug/ml



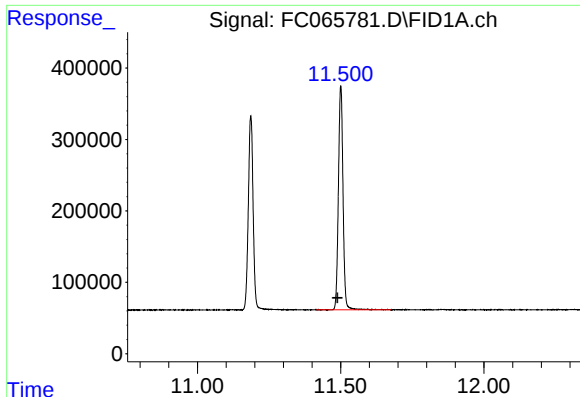
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.011 min
Response: 3137733
Conc: 20.92 ug/ml



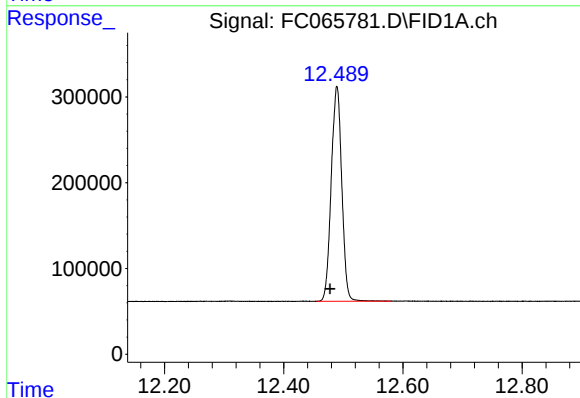
#8 n-Octadecane (C18)

R.T.: 11.186 min
Delta R.T.: 0.012 min
Response: 3177797
Conc: 20.60 ug/ml



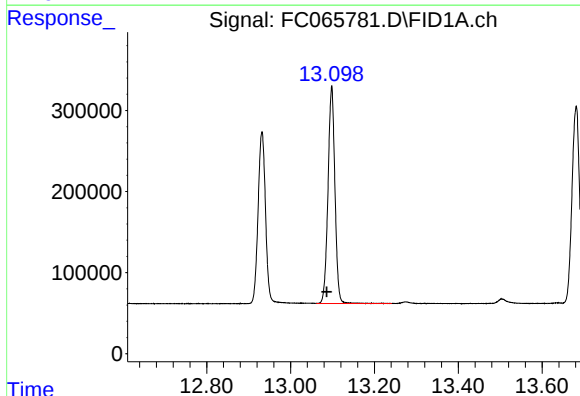
#9 ortho-Terphenyl (SURR)

R.T.: 11.500 min
Delta R.T.: 0.012 min
Response: 3506930
Conc: 20.44 ug/ml



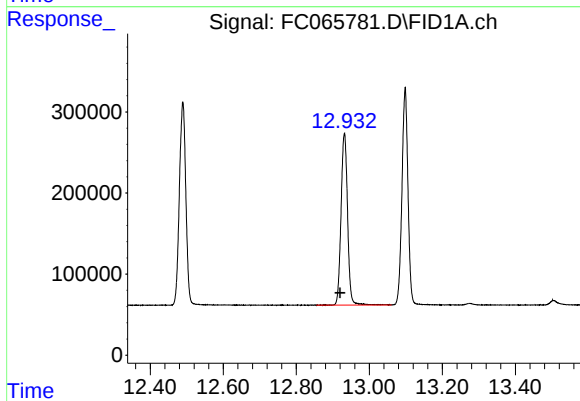
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: 0.011 min
Response: 3081552
Conc: 20.49 ug/ml



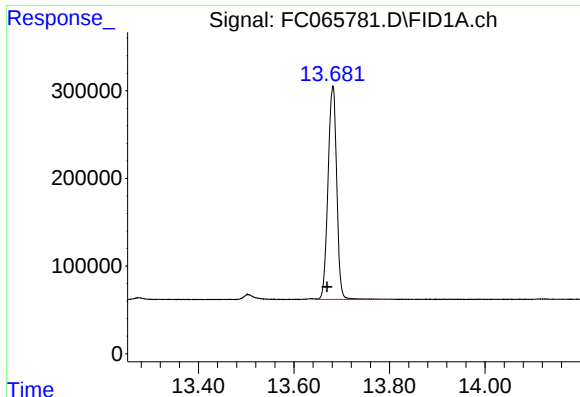
#11 n-Heneicosane (C21)

R.T.: 13.098 min
Delta R.T.: 0.012 min
Response: 3069439
Conc: 20.52 ug/ml



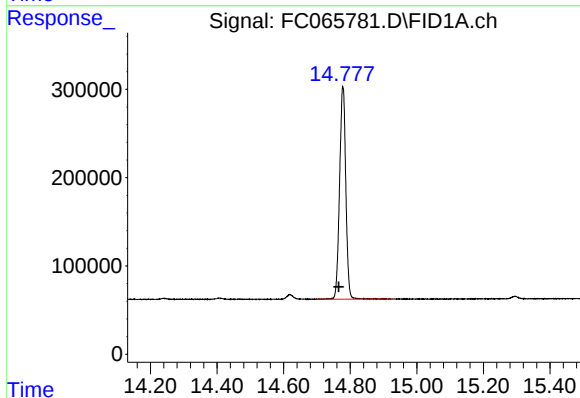
#12 1-chlorooctadecane (SURR)

R.T.: 12.932 min
Delta R.T.: 0.012 min
Response: 2629378
Conc: 20.89 ug/ml



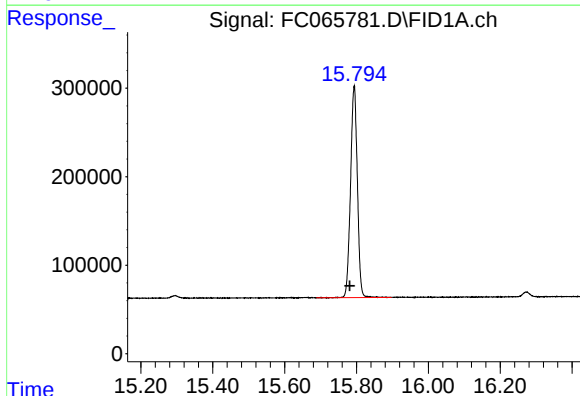
#13 n-Docosane (C22)

R.T.: 13.681 min
Delta R.T.: 0.012 min
Response: 3070627
Conc: 20.70 ug/ml



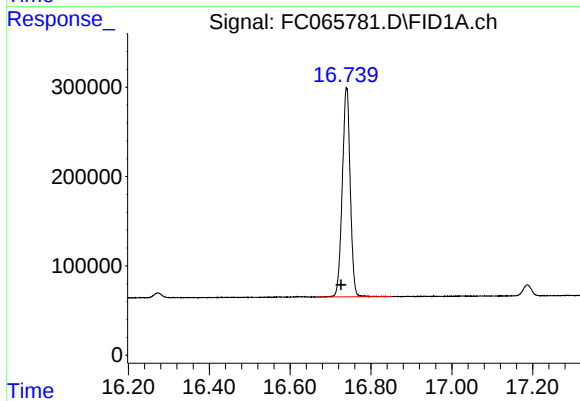
#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: 0.012 min
Response: 3123244
Conc: 21.01 ug/ml



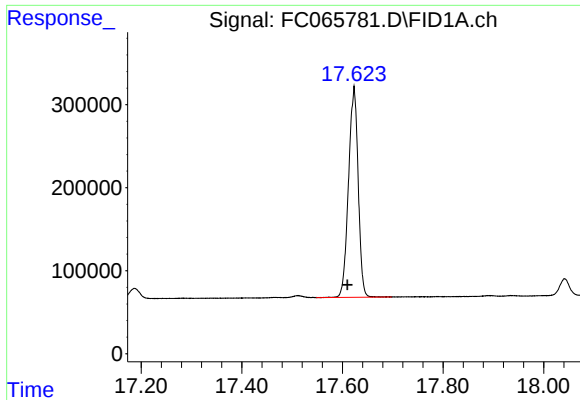
#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: 0.012 min
Response: 3137371
Conc: 21.17 ug/ml



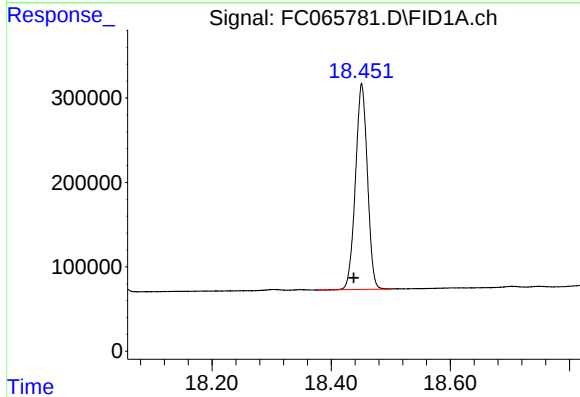
#16 n-Octacosane (C28)

R.T.: 16.740 min
Delta R.T.: 0.014 min
Response: 3194756
Conc: 21.77 ug/ml



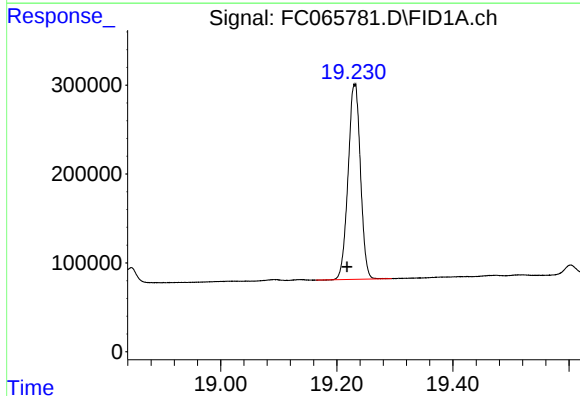
#17 n-Tricontane (C30)

R.T.: 17.623 min
Delta R.T.: 0.013 min
Response: 3380552
Conc: 22.52 ug/ml



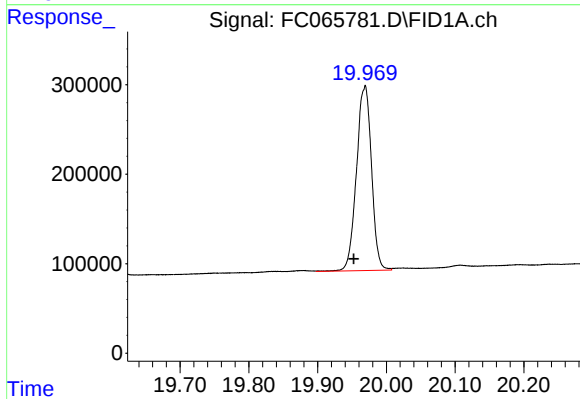
#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: 0.013 min
Response: 3395844
Conc: 22.96 ug/ml



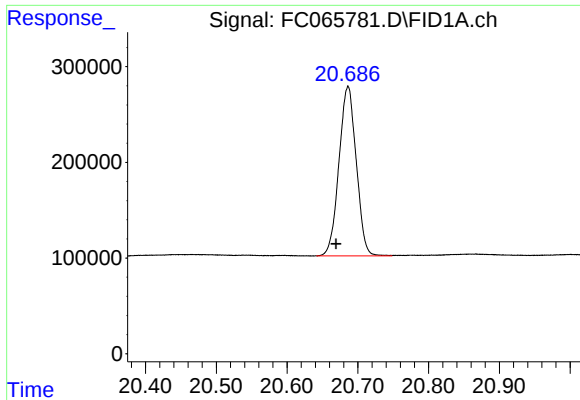
#19 n-Tetratriacontane (C34)

R.T.: 19.231 min
Delta R.T.: 0.013 min
Response: 3247789
Conc: 22.41 ug/ml



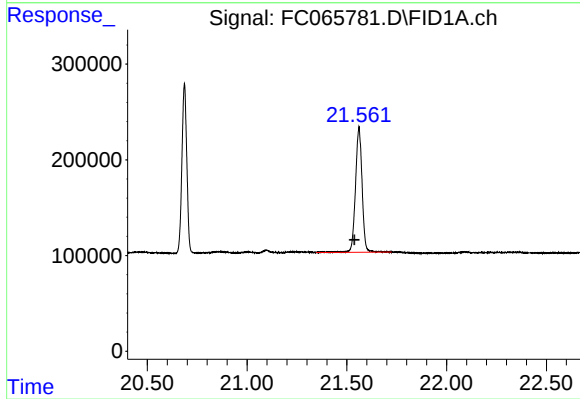
#20 n-Hexatriacontane (C36)

R.T.: 19.968 min
Delta R.T.: 0.016 min
Response: 3139825
Conc: 22.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.686 min
Delta R.T.: 0.017 min
Response: 3006189
Conc: 21.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.561 min
Delta R.T.: 0.022 min
Response: 3032469
Conc: 21.74 ug/ml