

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022924AL\
 Data File : FC065912.D
 Signal(s) : FID1A.ch
 Acq On : 29 Feb 2024 09:35
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 02:33:36 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)	11.496	3444958	20.083 ug/ml
Spiked Amount 50.000		Recovery =	40.17%
12) S 1-chlorooctadecane (S...	12.925	2536442	20.155 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
Target Compounds			
1) T n-Nonane (C9)	3.285	3118416	20.757 ug/ml
2) T n-Decane (C10)	4.348	3134358	20.615 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3389614	21.980 ug/ml
4) T n-Dodecane (C12)	6.362	3204924	20.940 ug/ml
5) T A~2-methylnaphthalene...	6.995	3108067	21.827 ug/ml
6) T n-Tetradecane (C14)	8.152	3004256	20.235 ug/ml
7) T n-Hexadecane (C16)	9.745	3082087	20.552 ug/ml
8) T n-Octadecane (C18)	11.181	3141664	20.367 ug/ml
10) T n-Eicosane (C20)	12.482	3042192	20.230 ug/ml
11) T n-Heneicosane (C21)	13.091	3022147	20.207 ug/ml
13) T n-Docosane (C22)	13.674	2997962	20.212 ug/ml
14) T n-Tetracosane (C24)	14.769	3027794	20.364 ug/ml
15) T n-Hexacosane (C26)	15.785	3010350	20.314 ug/ml
16) T n-Octacosane (C28)	16.729	3002001	20.459 ug/ml
17) T n-Tricontane (C30)	17.613	3057767	20.369 ug/ml
18) T n-Dotriacontane (C32)	18.440	3024505	20.452 ug/ml
19) T n-Tetratriacontane (C34)	19.220	2957481	20.405 ug/mlm
20) T n-Hexatriacontane (C36)	19.955	2885638	20.329 ug/mlm
21) T n-Octatriacontane (C38)	20.672	2833385	20.017 ug/mlm
22) T n-Tetracontane (C40)	21.535	2747030	19.694 ug/mlm

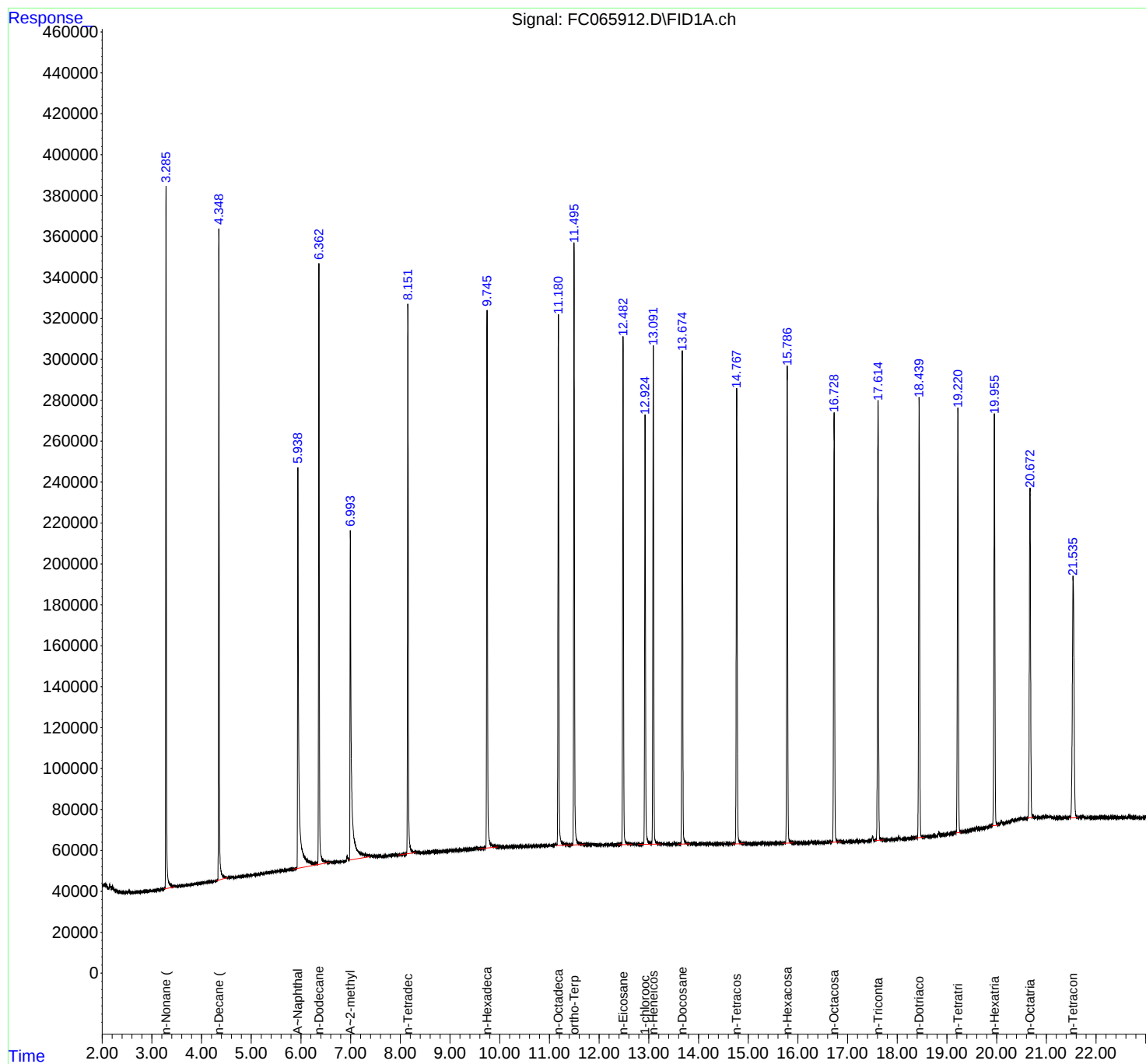
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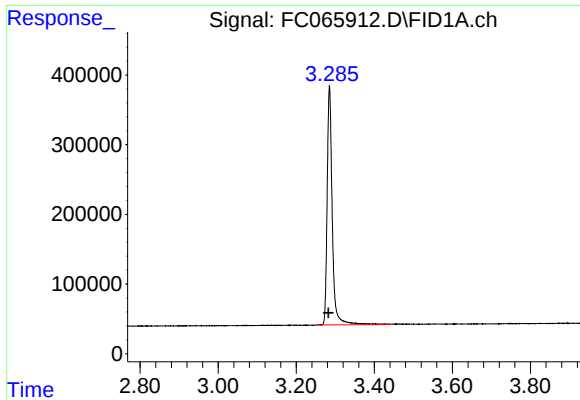
(m)=manual int.

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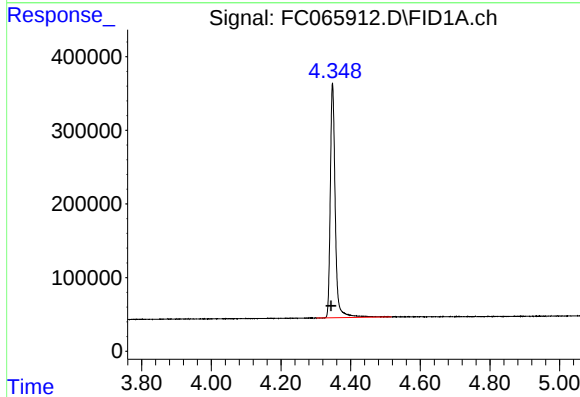
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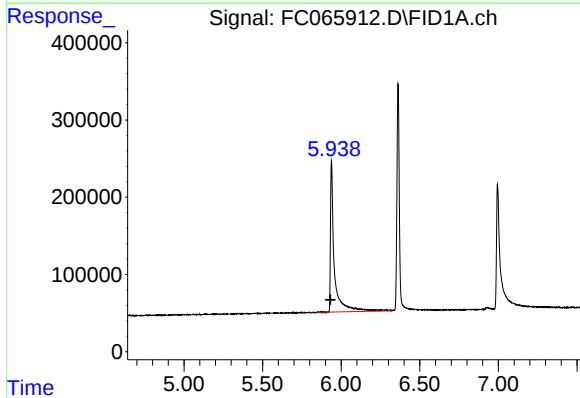
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: 0.003 min
Response: 3118416
Conc: 20.76 ug/ml



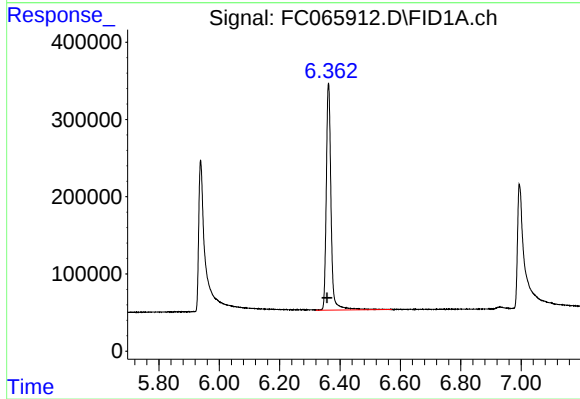
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: 0.004 min
Response: 3134358
Conc: 20.61 ug/ml



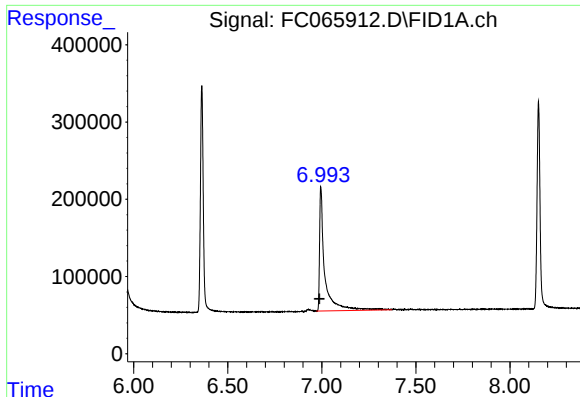
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.007 min
Response: 3389614
Conc: 21.98 ug/ml



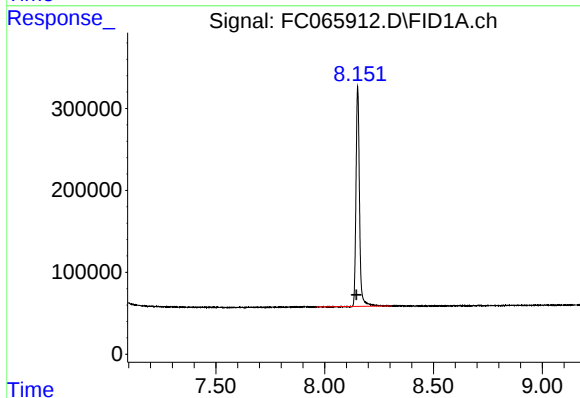
#4 n-Dodecane (C12)

R.T.: 6.362 min
Delta R.T.: 0.005 min
Response: 3204924
Conc: 20.94 ug/ml



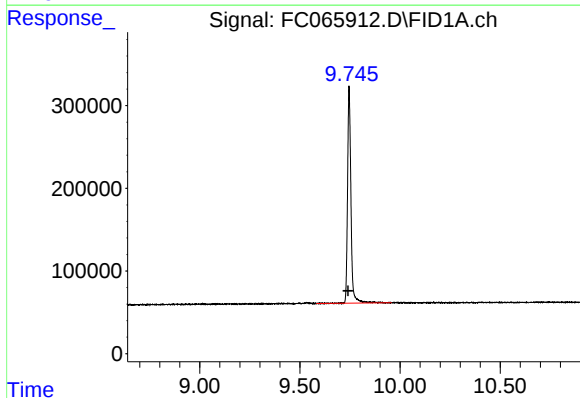
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.995 min
Delta R.T.: 0.008 min
Response: 3108067
Conc: 21.83 ug/ml



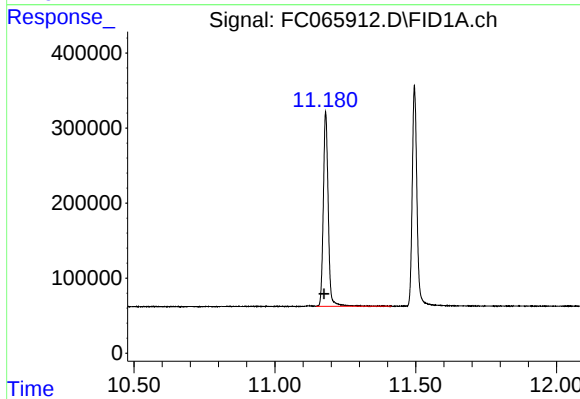
#6 n-Tetradecane (C14)

R.T.: 8.152 min
Delta R.T.: 0.006 min
Response: 3004256
Conc: 20.24 ug/ml



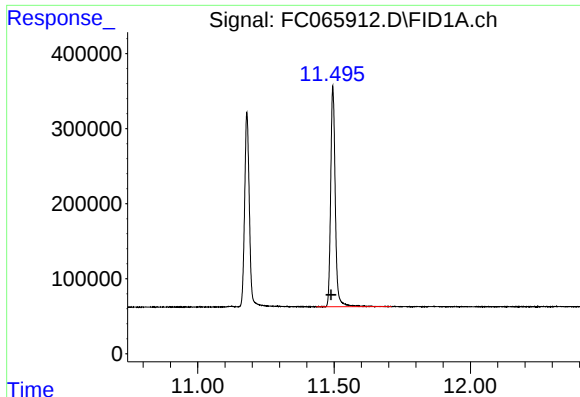
#7 n-Hexadecane (C16)

R.T.: 9.745 min
Delta R.T.: 0.005 min
Response: 3082087
Conc: 20.55 ug/ml



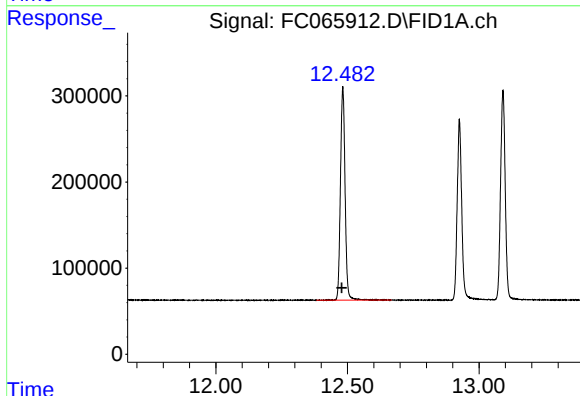
#8 n-Octadecane (C18)

R.T.: 11.181 min
Delta R.T.: 0.006 min
Response: 3141664
Conc: 20.37 ug/ml



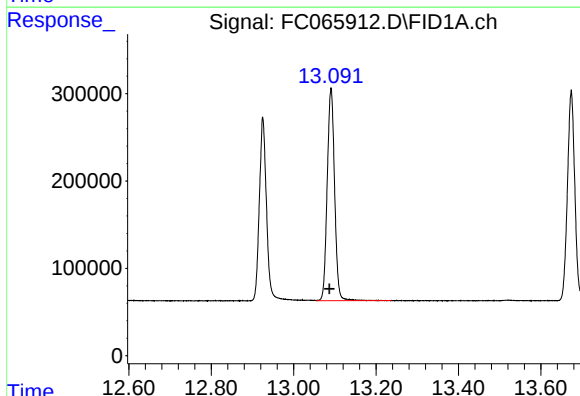
#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: 0.007 min
Response: 3444958
Conc: 20.08 ug/ml



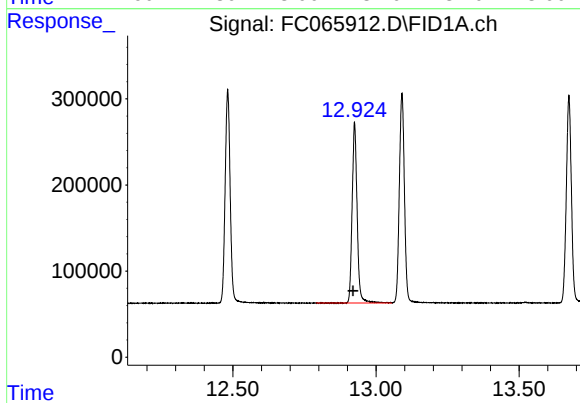
#10 n-Eicosane (C20)

R.T.: 12.482 min
Delta R.T.: 0.004 min
Response: 3042192
Conc: 20.23 ug/ml



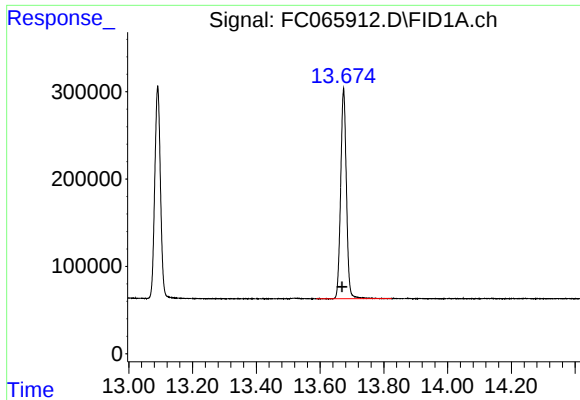
#11 n-Heneicosane (C21)

R.T.: 13.091 min
Delta R.T.: 0.004 min
Response: 3022147
Conc: 20.21 ug/ml



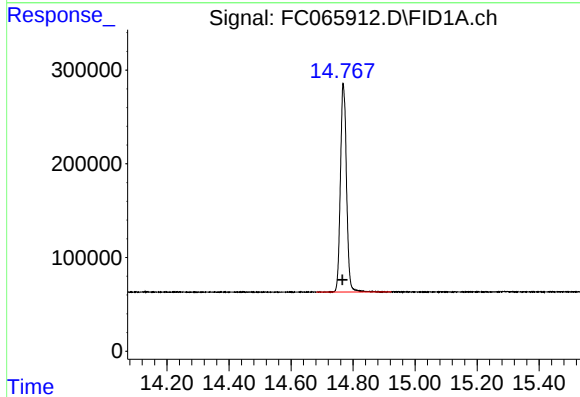
#12 1-chlorooctadecane (SURR)

R.T.: 12.925 min
Delta R.T.: 0.005 min
Response: 2536442
Conc: 20.15 ug/ml



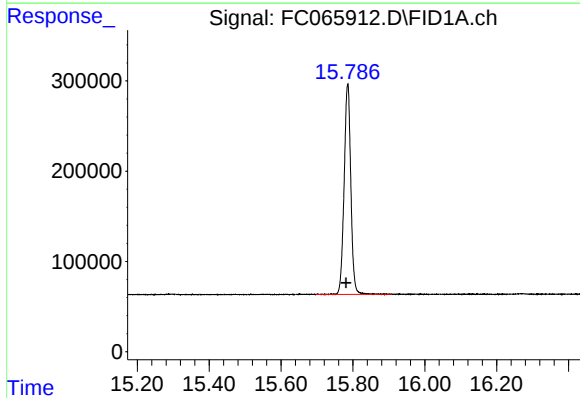
#13 n-Docosane (C22)

R.T.: 13.674 min
Delta R.T.: 0.005 min
Response: 2997962
Conc: 20.21 ug/ml



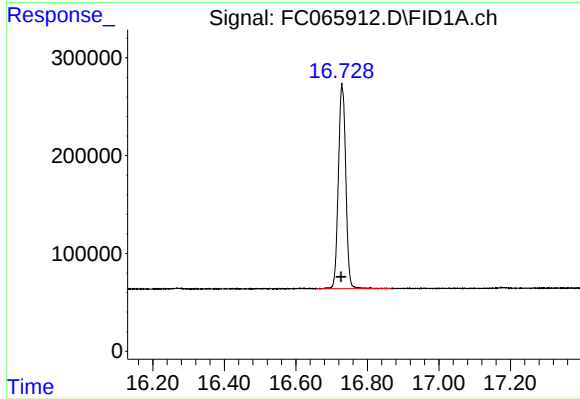
#14 n-Tetracosane (C24)

R.T.: 14.769 min
Delta R.T.: 0.003 min
Response: 3027794
Conc: 20.36 ug/ml



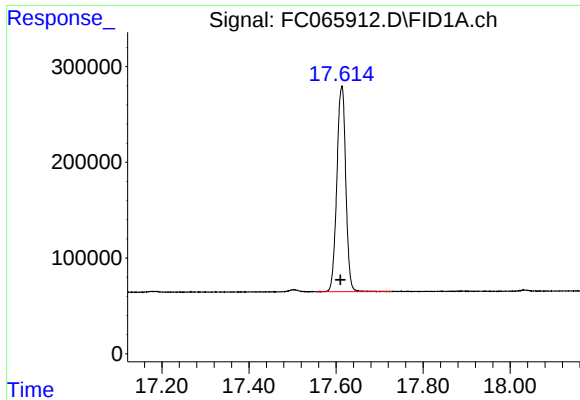
#15 n-Hexacosane (C26)

R.T.: 15.785 min
Delta R.T.: 0.004 min
Response: 3010350
Conc: 20.31 ug/ml



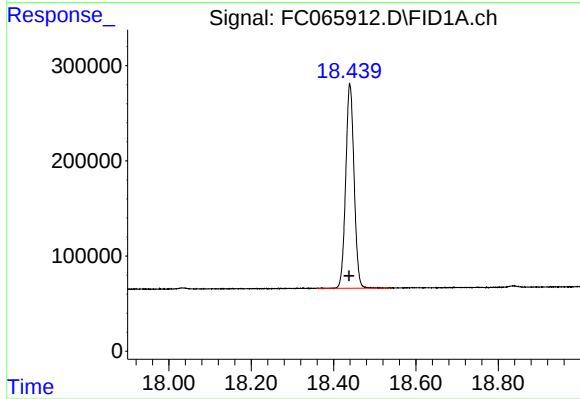
#16 n-Octacosane (C28)

R.T.: 16.729 min
Delta R.T.: 0.004 min
Response: 3002001
Conc: 20.46 ug/ml



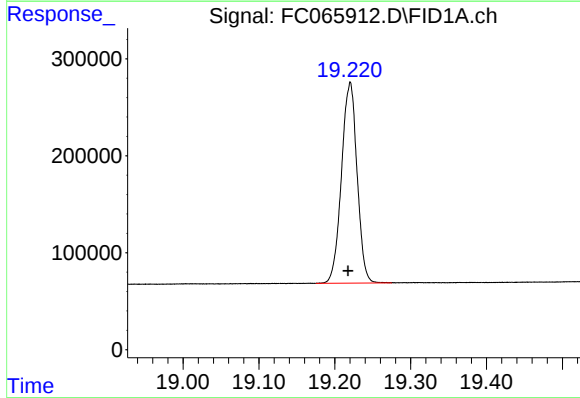
#17 n-Tricontane (C30)

R.T.: 17.613 min
Delta R.T.: 0.003 min
Response: 3057767
Conc: 20.37 ug/ml



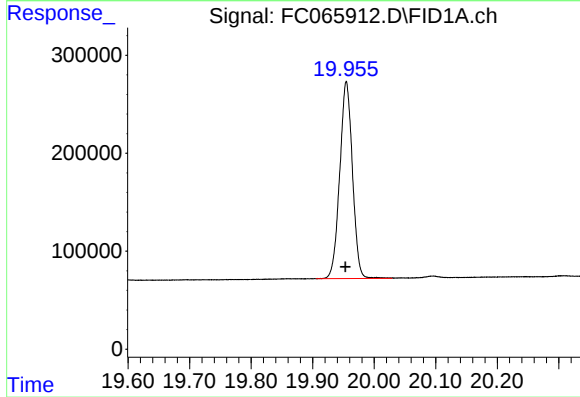
#18 n-Dotriacontane (C32)

R.T.: 18.440 min
Delta R.T.: 0.002 min
Response: 3024505
Conc: 20.45 ug/ml



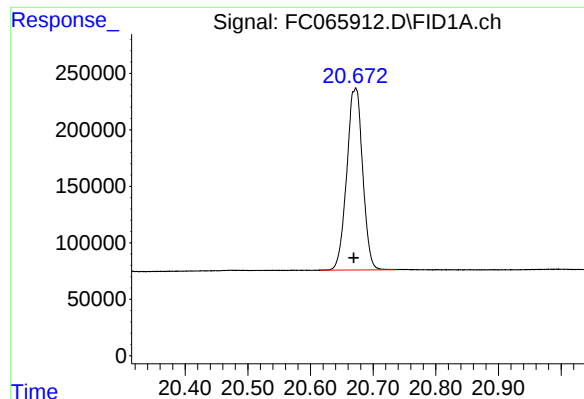
#19 n-Tetratriacontane (C34)

R.T.: 19.220 min
Delta R.T.: 0.002 min
Response: 2957481
Conc: 20.40 ug/ml m



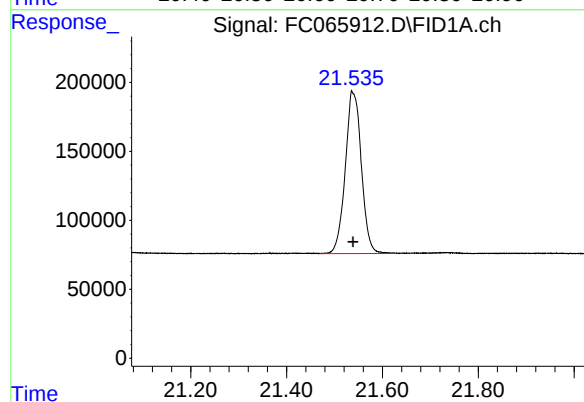
#20 n-Hexatriacontane (C36)

R.T.: 19.955 min
Delta R.T.: 0.002 min
Response: 2885638
Conc: 20.33 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.672 min
Delta R.T.: 0.003 min
Response: 2833385
Conc: 20.02 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.535 min
Delta R.T.: -0.004 min
Response: 2747030
Conc: 19.69 ug/ml m