

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112723AL\
 Data File : FC065302.D
 Signal(s) : FID1A.ch
 Acq On : 27 Nov 2023 12:02
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 27 15:33:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 112423.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 24 13:28:29 2023
 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)	11.506	4536217	19.552 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	12.938	3212762	19.402 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
Target Compounds			
1) T n-Nonane (C9)	3.304	3859946	19.277 ug/ml
2) T n-Decane (C10)	4.364	3938916	19.597 ug/ml
3) T A~Naphthalene (C11.7)	5.946	3941560	19.414 ug/ml
4) T n-Dodecane (C12)	6.376	3951429	19.431 ug/ml
5) T A~2-methylnaphthalene...	7.000	3845294	19.784 ug/ml
6) T n-Tetradecane (C14)	8.165	3850142	19.373 ug/ml
7) T n-Hexadecane (C16)	9.758	3858557	19.479 ug/ml
8) T n-Octadecane (C18)	11.194	3838972	19.382 ug/ml
10) T n-Eicosane (C20)	12.496	3689997	19.500 ug/ml
11) T n-Heneicosane (C21)	13.105	3607239	19.523 ug/ml
13) T n-Docosane (C22)	13.689	3540195	19.623 ug/ml
14) T n-Tetracosane (C24)	14.786	3441049	19.848 ug/ml
15) T n-Hexacosane (C26)	15.804	3306414	19.857 ug/ml
16) T n-Octacosane (C28)	16.749	3167393	19.803 ug/ml
17) T n-Tricontane (C30)	17.633	3331993	20.926 ug/ml
18) T n-Dotriacontane (C32)	18.461	3302043	21.005 ug/ml
19) T n-Tetratriacontane (C34)	19.240	3150628	20.416 ug/ml
20) T n-Hexatriacontane (C36)	19.978	3034325	19.795 ug/ml
21) T n-Octatriacontane (C38)	20.696	2934007	19.295 ug/ml
22) T n-Tetracontane (C40)	21.573	2815866	18.784 ug/ml

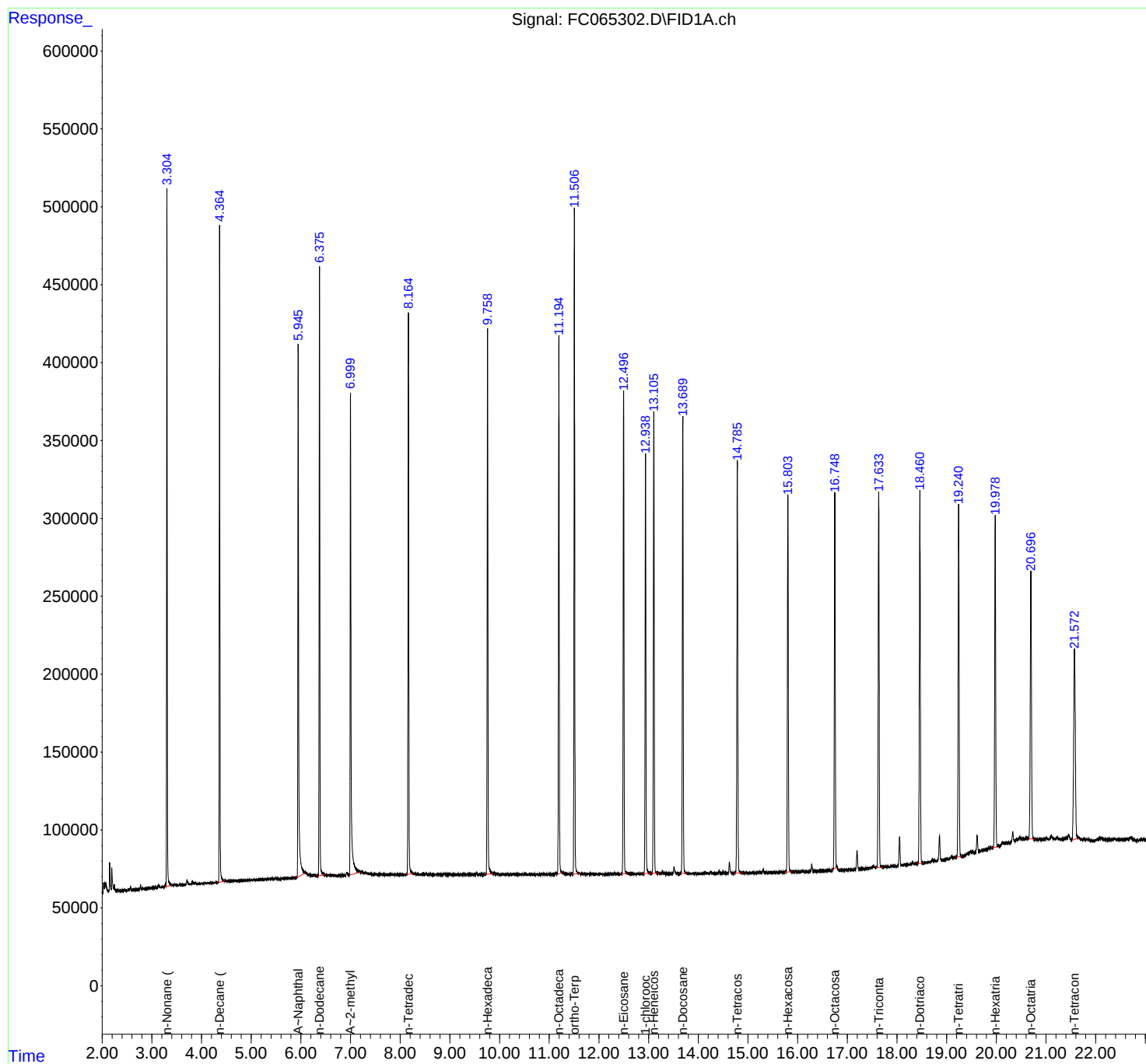
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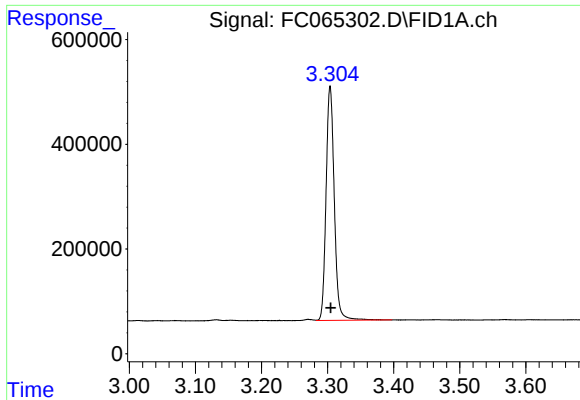
(m)=manual int.

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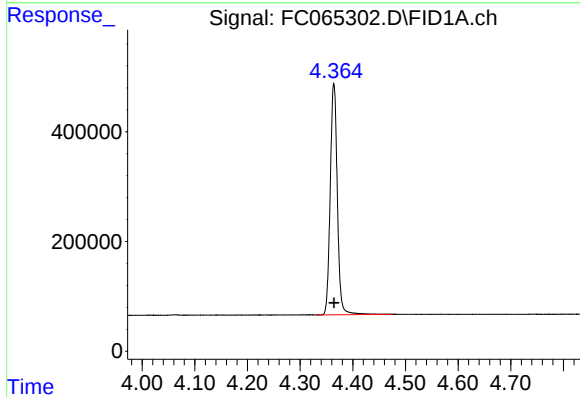
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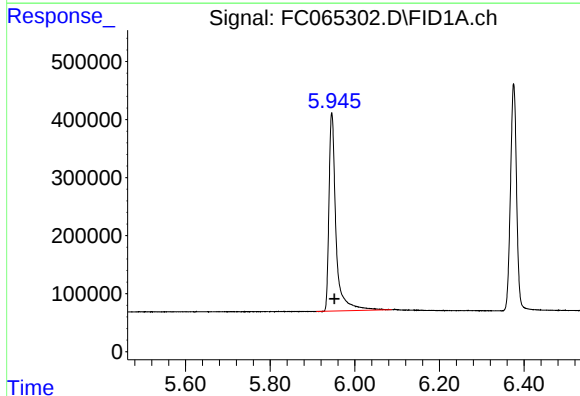
#1 n-Nonane (C9)

R.T.: 3.304 min
Delta R.T.: -0.001 min
Response: 3859946
Conc: 19.28 ug/ml



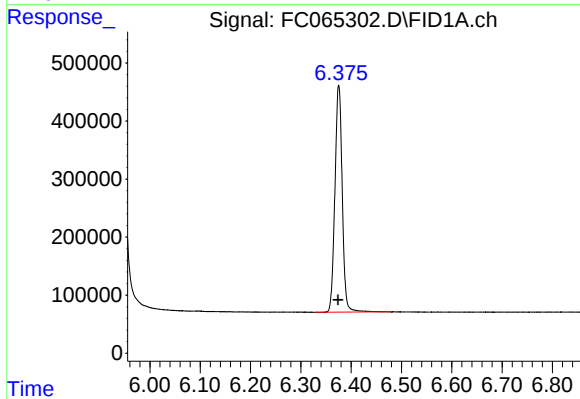
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 3938916
Conc: 19.60 ug/ml



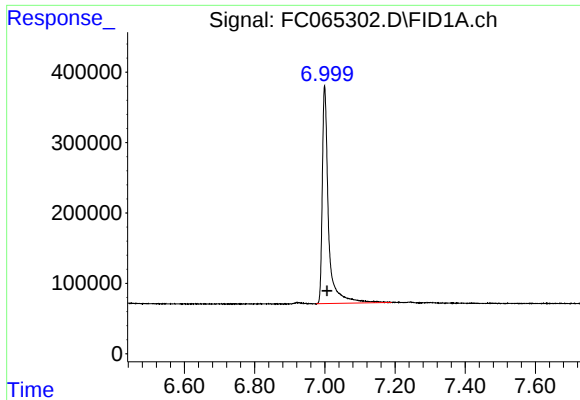
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.006 min
Response: 3941560
Conc: 19.41 ug/ml



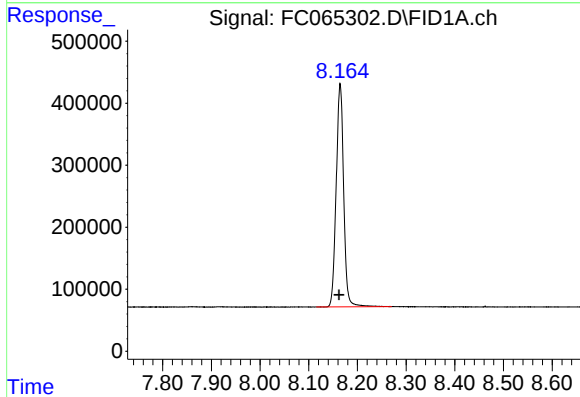
#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: 0.001 min
Response: 3951429
Conc: 19.43 ug/ml



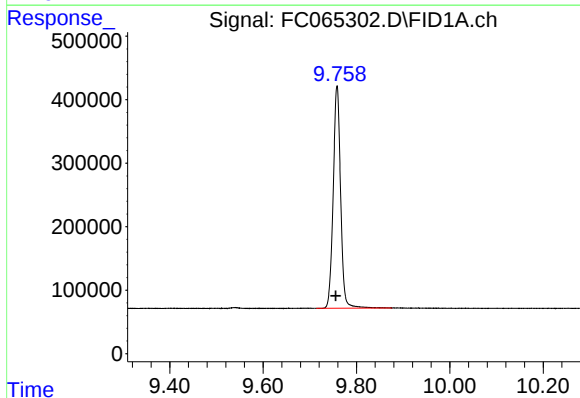
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.000 min
Delta R.T.: -0.007 min
Response: 3845294
Conc: 19.78 ug/ml



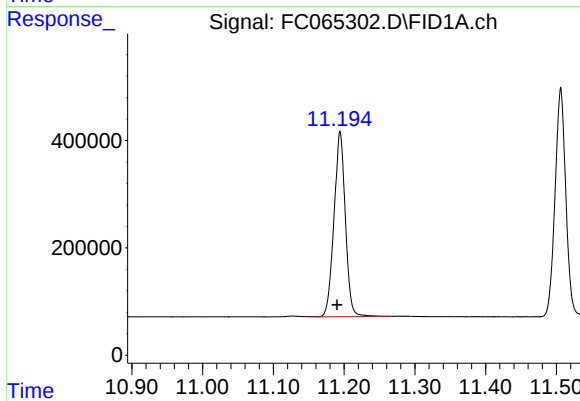
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: 0.002 min
Response: 3850142
Conc: 19.37 ug/ml



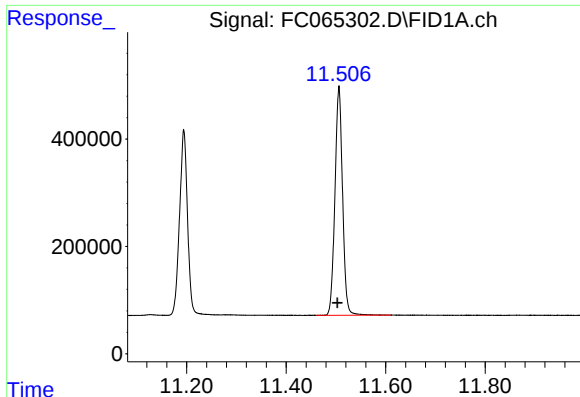
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: 0.003 min
Response: 3858557
Conc: 19.48 ug/ml



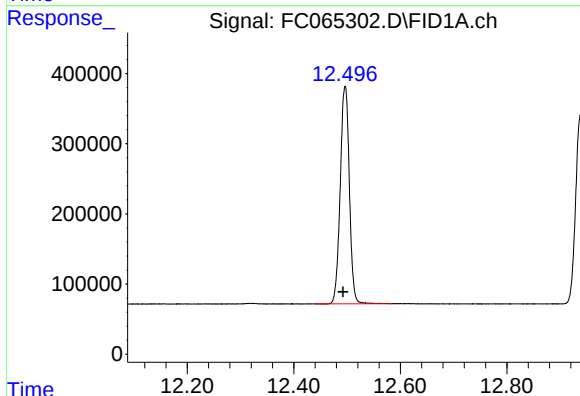
#8 n-Octadecane (C18)

R.T.: 11.194 min
Delta R.T.: 0.004 min
Response: 3838972
Conc: 19.38 ug/ml



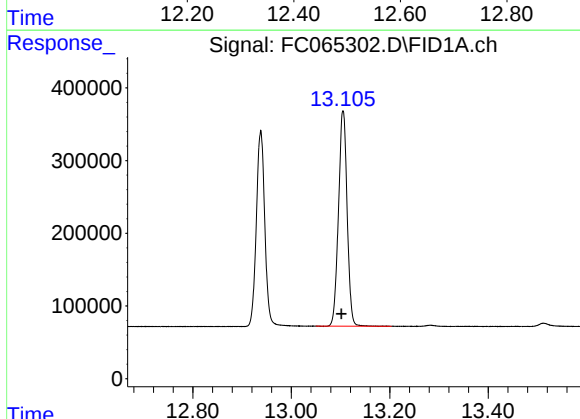
#9 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: 0.003 min
Response: 4536217
Conc: 19.55 ug/ml



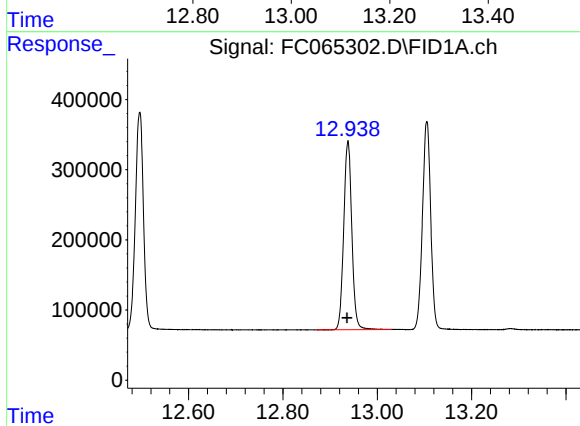
#10 n-Eicosane (C20)

R.T.: 12.496 min
Delta R.T.: 0.004 min
Response: 3689997
Conc: 19.50 ug/ml



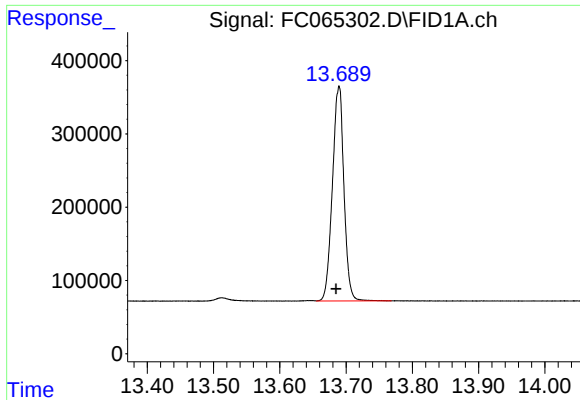
#11 n-Heneicosane (C21)

R.T.: 13.105 min
Delta R.T.: 0.003 min
Response: 3607239
Conc: 19.52 ug/ml



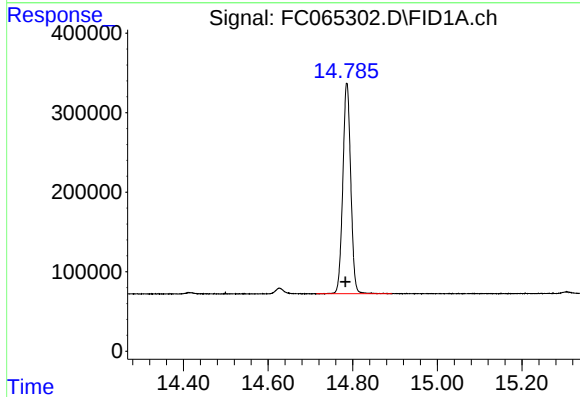
#12 1-chlorooctadecane (SURR)

R.T.: 12.938 min
Delta R.T.: 0.002 min
Response: 3212762
Conc: 19.40 ug/ml



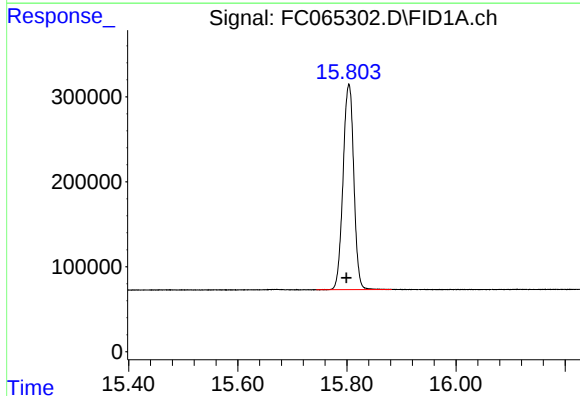
#13 n-Docosane (C22)

R.T.: 13.689 min
Delta R.T.: 0.004 min
Response: 3540195
Conc: 19.62 ug/ml



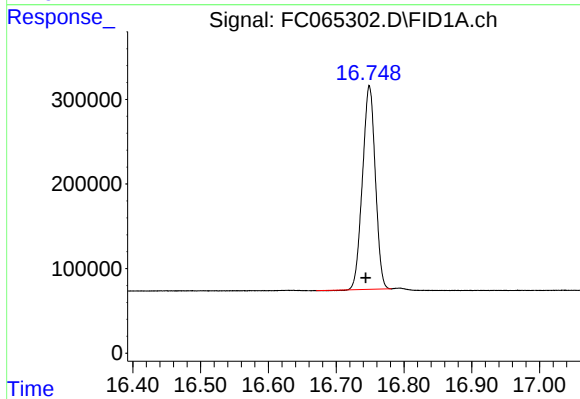
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: 0.003 min
Response: 3441049
Conc: 19.85 ug/ml



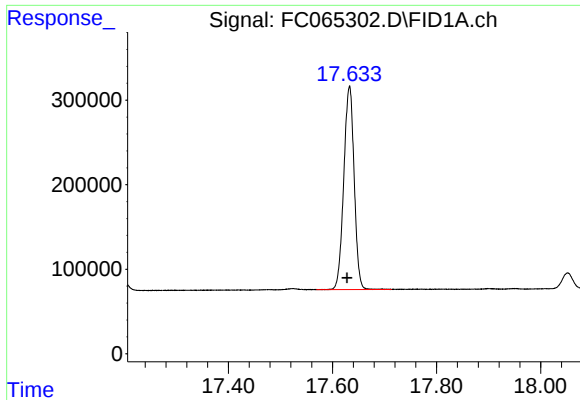
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: 0.005 min
Response: 3306414
Conc: 19.86 ug/ml



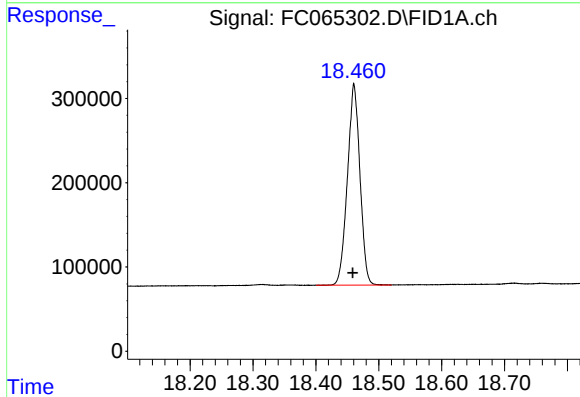
#16 n-Octacosane (C28)

R.T.: 16.749 min
Delta R.T.: 0.006 min
Response: 3167393
Conc: 19.80 ug/ml



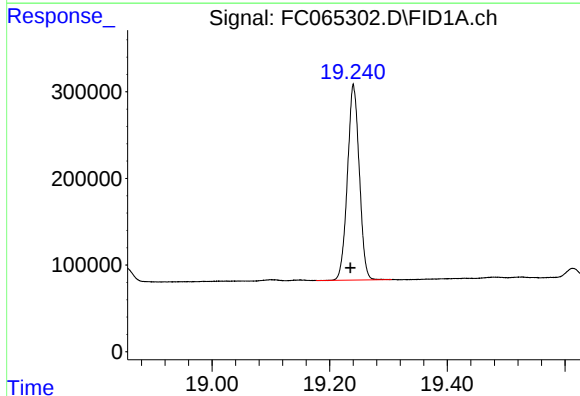
#17 n-Tricontane (C30)

R.T.: 17.633 min
Delta R.T.: 0.005 min
Response: 3331993
Conc: 20.93 ug/ml



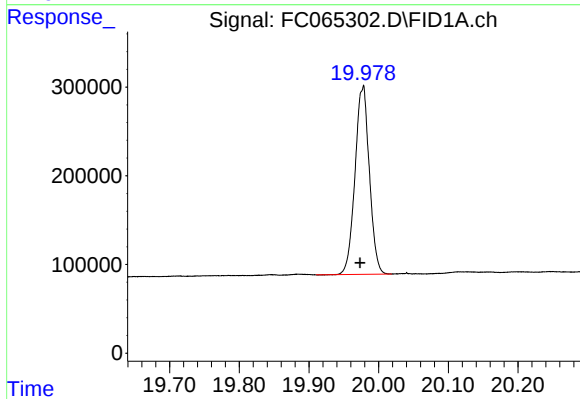
#18 n-Dotriacontane (C32)

R.T.: 18.461 min
Delta R.T.: 0.002 min
Response: 3302043
Conc: 21.00 ug/ml



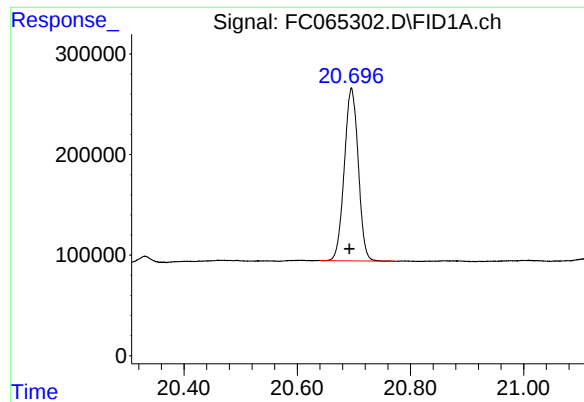
#19 n-Tetatriacontane (C34)

R.T.: 19.240 min
Delta R.T.: 0.005 min
Response: 3150628
Conc: 20.42 ug/ml



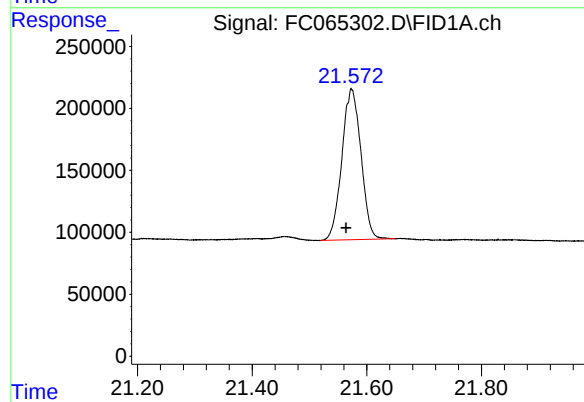
#20 n-Hexatriacontane (C36)

R.T.: 19.978 min
Delta R.T.: 0.004 min
Response: 3034325
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.696 min
Delta R.T.: 0.004 min
Response: 2934007
Conc: 19.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.573 min
Delta R.T.: 0.010 min
Response: 2815866
Conc: 18.78 ug/ml