

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111523AL\
 Data File : FC065164.D
 Signal(s) : FID1A.ch
 Acq On : 15 Nov 2023 22:07
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 16 00:10:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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)	11.508	4233385	19.235 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	12.939	3068573	19.411 ug/ml
Spiked Amount 50.000		Recovery =	38.82%
Target Compounds			
1) T n-Nonane (C9)	3.309	3575840	18.913 ug/ml
2) T n-Decane (C10)	4.369	3668534	19.293 ug/ml
3) T A~Naphthalene (C11.7)	5.950	3648634	18.897 ug/ml
4) T n-Dodecane (C12)	6.378	3665474	18.975 ug/ml
5) T A~2-methylnaphthalene...	7.003	3601669	19.600 ug/ml
6) T n-Tetradecane (C14)	8.165	3582483	18.986 ug/ml
7) T n-Hexadecane (C16)	9.760	3607407	19.084 ug/ml
8) T n-Octadecane (C18)	11.193	3625770	19.212 ug/ml
10) T n-Eicosane (C20)	12.497	3463676	19.266 ug/ml
11) T n-Heneicosane (C21)	13.106	3379494	19.249 ug/ml
13) T n-Docosane (C22)	13.690	3325994	19.363 ug/ml
14) T n-Tetracosane (C24)	14.786	3246117	19.490 ug/ml
15) T n-Hexacosane (C26)	15.802	3133295	19.521 ug/ml
16) T n-Octacosane (C28)	16.747	3104034	19.834 ug/ml
17) T n-Tricontane (C30)	17.631	3259755	20.580 ug/ml
18) T n-Dotriacontane (C32)	18.458	3271785	20.721 ug/ml
19) T n-Tetratriacontane (C34)	19.238	3110243	20.376 ug/ml
20) T n-Hexatriacontane (C36)	19.973	2968859	19.677 ug/ml
21) T n-Octatriacontane (C38)	20.691	2863896	19.245 ug/ml
22) T n-Tetracontane (C40)	21.568	2809225	19.100 ug/ml

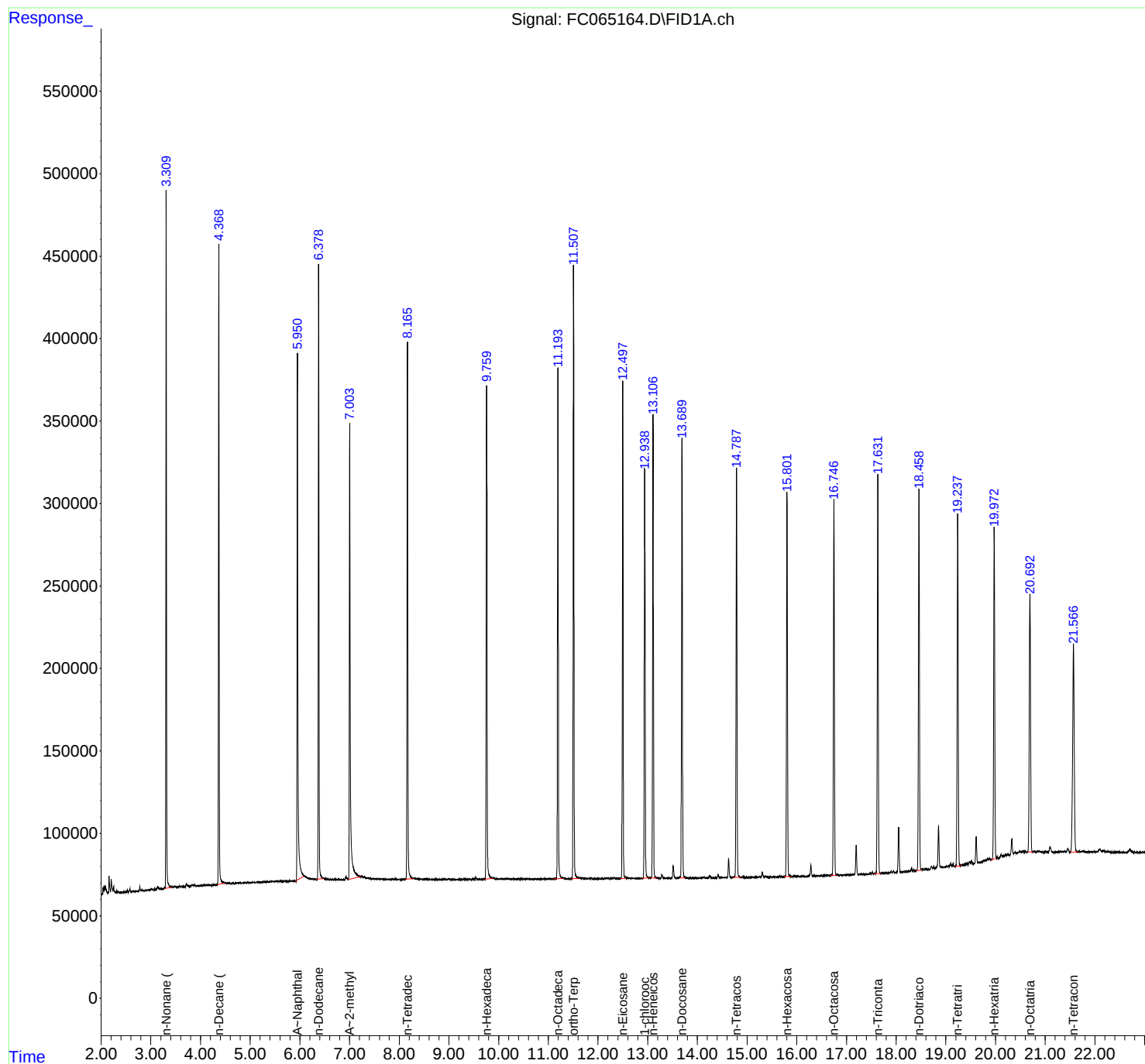
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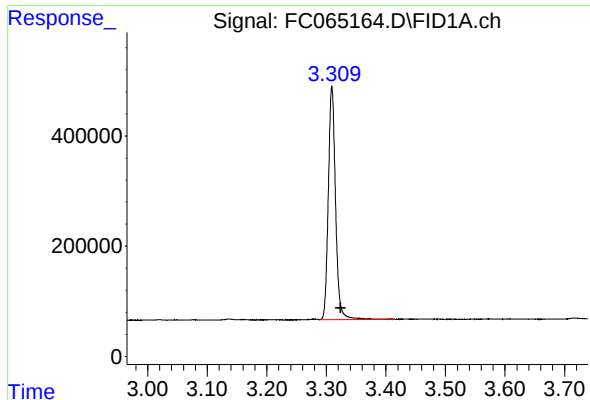
(m)=manual int.

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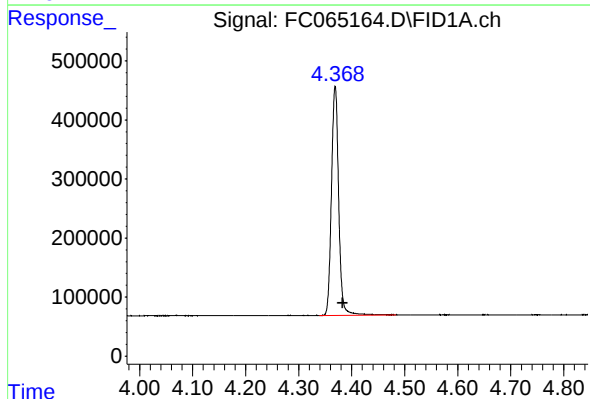
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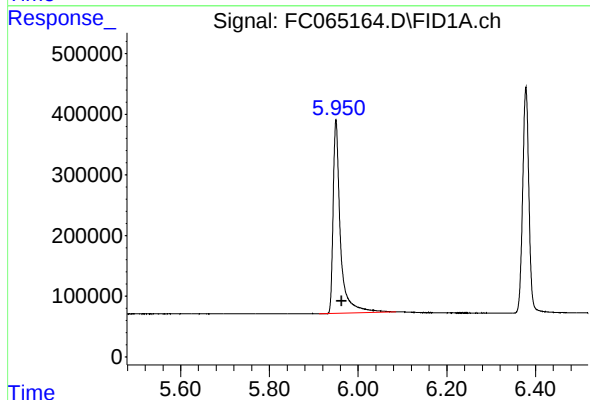
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.015 min
Response: 3575840
Conc: 18.91 ug/ml



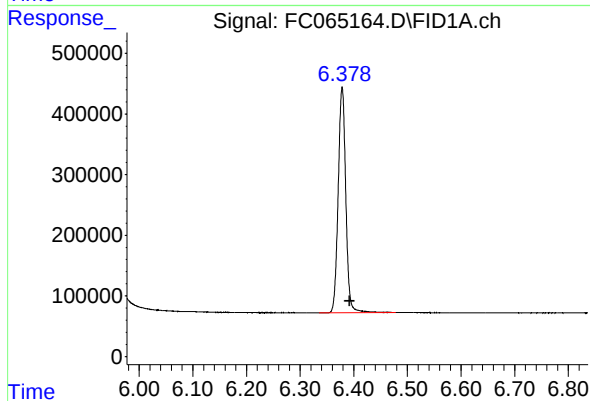
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.014 min
Response: 3668534
Conc: 19.29 ug/ml



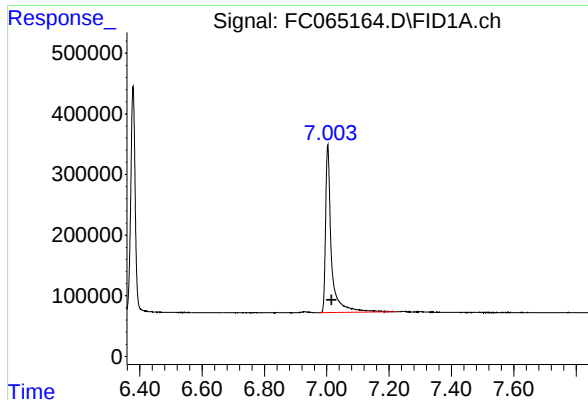
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.012 min
Response: 3648634
Conc: 18.90 ug/ml



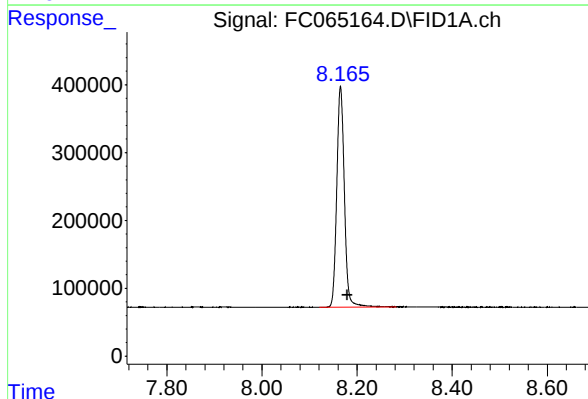
#4 n-Dodecane (C12)

R.T.: 6.378 min
Delta R.T.: -0.013 min
Response: 3665474
Conc: 18.97 ug/ml



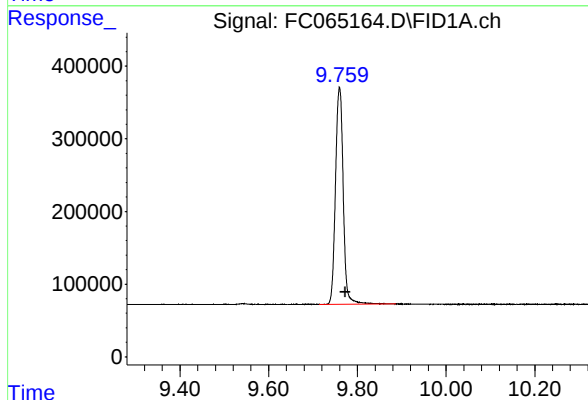
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: -0.012 min
Response: 3601669
Conc: 19.60 ug/ml



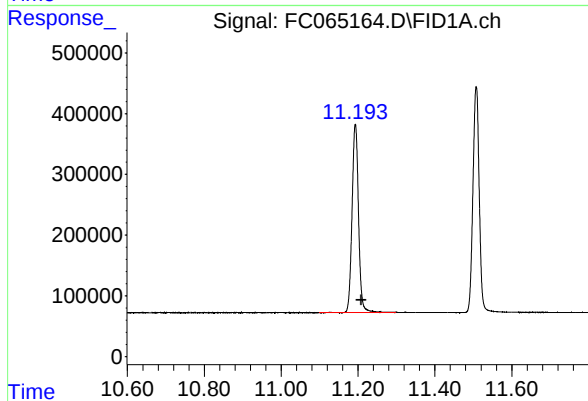
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.014 min
Response: 3582483
Conc: 18.99 ug/ml



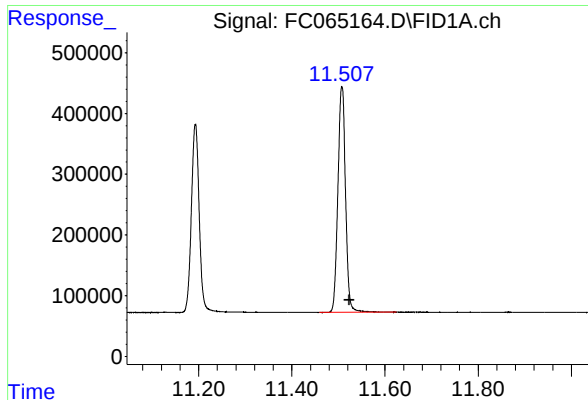
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.013 min
Response: 3607407
Conc: 19.08 ug/ml



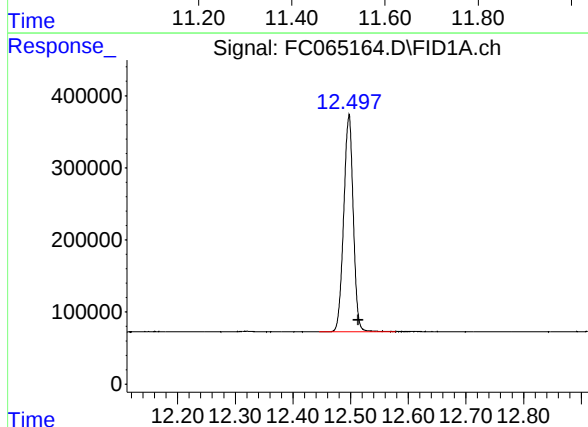
#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: -0.015 min
Response: 3625770
Conc: 19.21 ug/ml



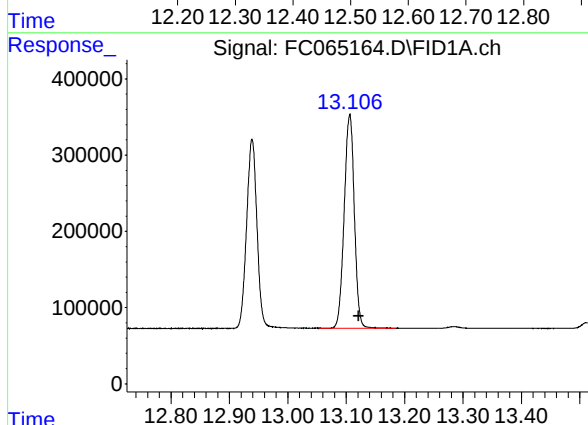
#9 ortho-Terphenyl (SURR)

R.T.: 11.508 min
Delta R.T.: -0.015 min
Response: 4233385
Conc: 19.24 ug/ml



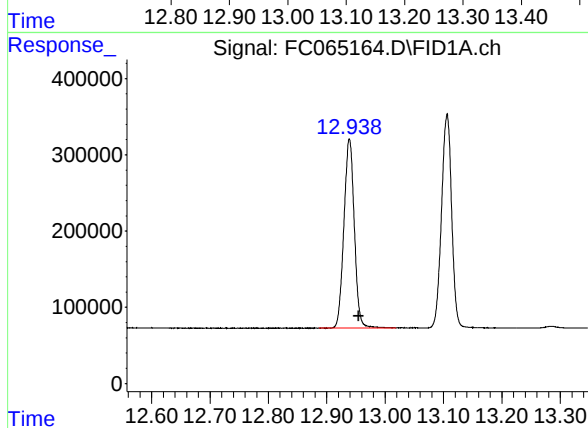
#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: -0.016 min
Response: 3463676
Conc: 19.27 ug/ml



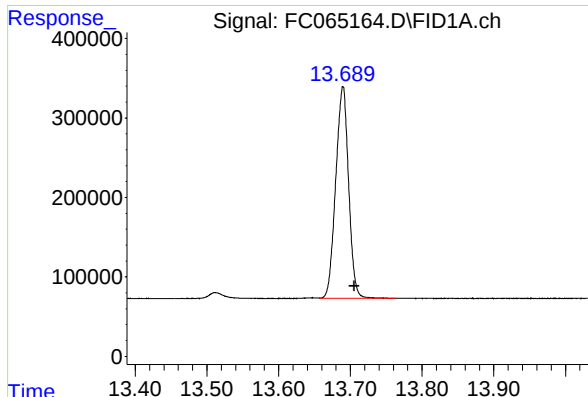
#11 n-Heneicosane (C21)

R.T.: 13.106 min
Delta R.T.: -0.015 min
Response: 3379494
Conc: 19.25 ug/ml



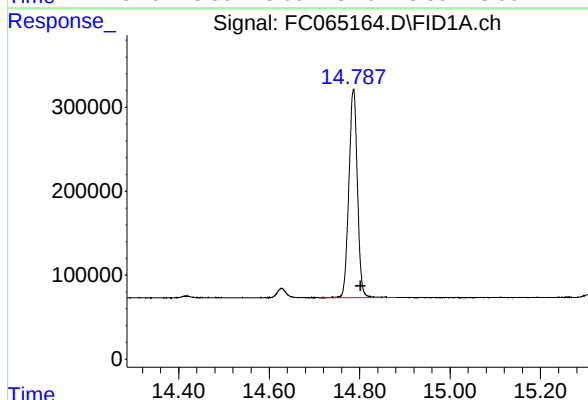
#12 1-chlorooctadecane (SURR)

R.T.: 12.939 min
Delta R.T.: -0.016 min
Response: 3068573
Conc: 19.41 ug/ml



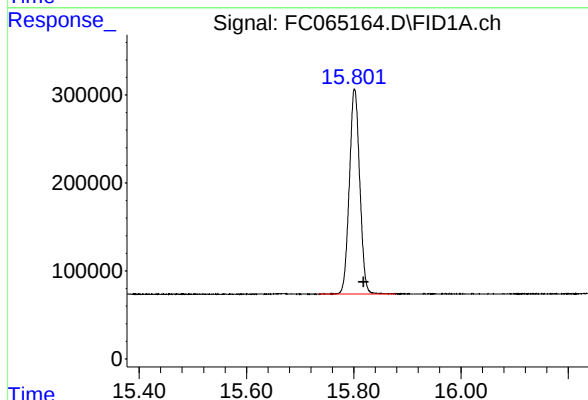
#13 n-Docosane (C22)

R.T.: 13.690 min
Delta R.T.: -0.016 min
Response: 3325994
Conc: 19.36 ug/ml



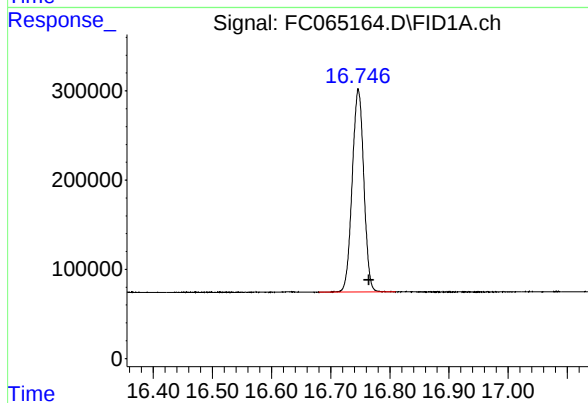
#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: -0.016 min
Response: 3246117
Conc: 19.49 ug/ml



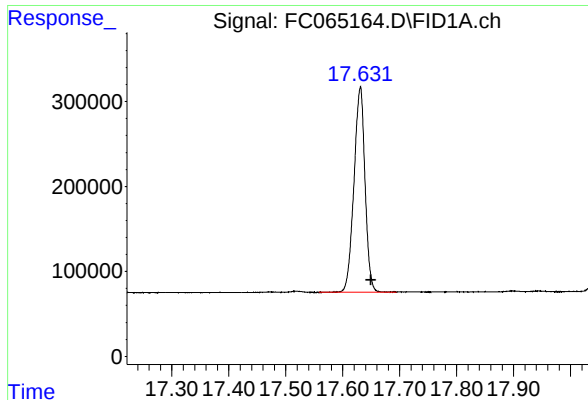
#15 n-Hexacosane (C26)

R.T.: 15.802 min
Delta R.T.: -0.017 min
Response: 3133295
Conc: 19.52 ug/ml



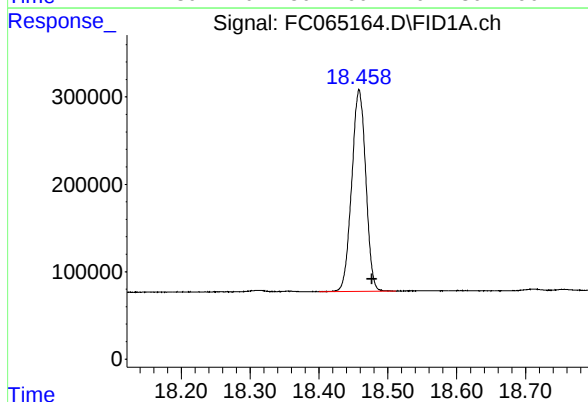
#16 n-Octacosane (C28)

R.T.: 16.747 min
Delta R.T.: -0.018 min
Response: 3104034
Conc: 19.83 ug/ml



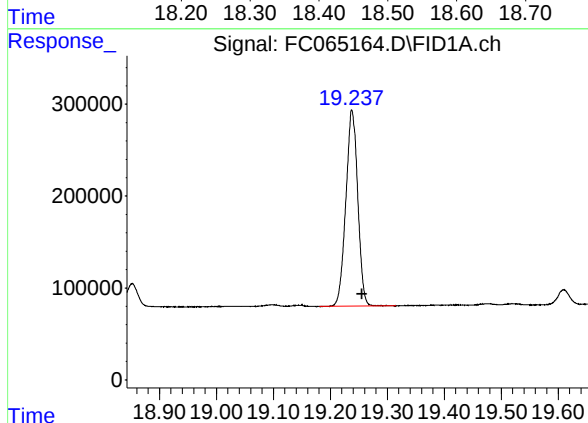
#17 n-Tricontane (C30)

R.T.: 17.631 min
Delta R.T.: -0.018 min
Response: 3259755
Conc: 20.58 ug/ml



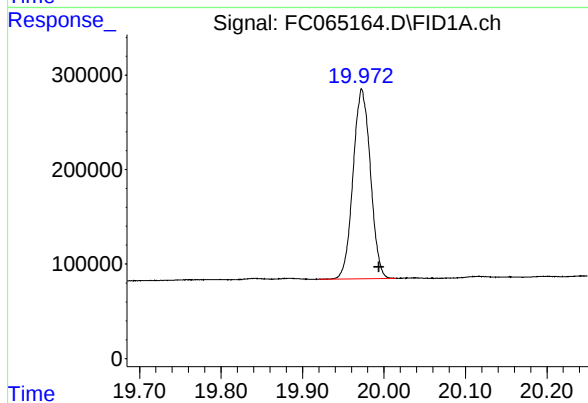
#18 n-Dotriacontane (C32)

R.T.: 18.458 min
Delta R.T.: -0.018 min
Response: 3271785
Conc: 20.72 ug/ml



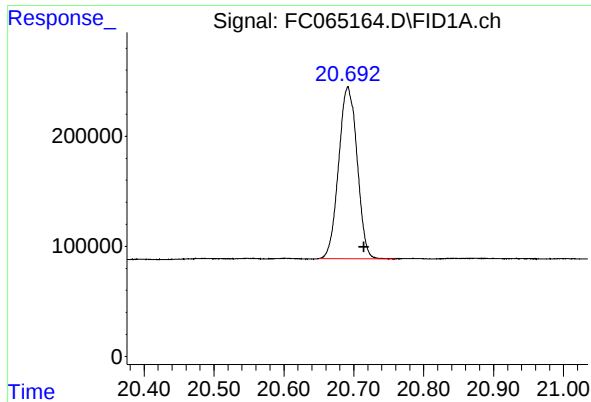
#19 n-Tetatriacontane (C34)

R.T.: 19.238 min
Delta R.T.: -0.018 min
Response: 3110243
Conc: 20.38 ug/ml



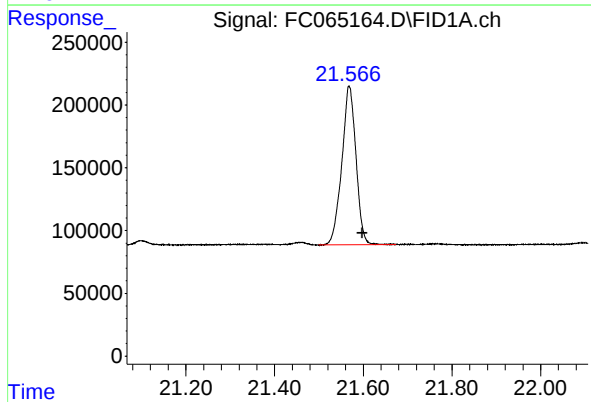
#20 n-Hexatriacontane (C36)

R.T.: 19.973 min
Delta R.T.: -0.021 min
Response: 2968859
Conc: 19.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.691 min
Delta R.T.: -0.023 min
Response: 2863896
Conc: 19.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: -0.030 min
Response: 2809225
Conc: 19.10 ug/ml