

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122123AL\
 Data File : FC065511.D
 Signal(s) : FID1A.ch
 Acq On : 21 Dec 2023 21:28
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 22:29:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121823.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 18 12:39:13 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)	11.497	4394252	19.202 ug/ml
Spiked Amount 50.000		Recovery =	38.40%
12) S 1-chlorooctadecane (S...	12.929	3134290	19.175 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
Target Compounds			
1) T n-Nonane (C9)	3.296	3927761	19.753 ug/ml
2) T n-Decane (C10)	4.356	3956695	19.737 ug/ml
3) T A~Naphthalene (C11.7)	5.937	4016451	19.984 ug/ml
4) T n-Dodecane (C12)	6.366	3975282	19.445 ug/ml
5) T A~2-methylnaphthalene...	6.992	3781973	19.371 ug/ml
6) T n-Tetradecane (C14)	8.155	3822108	19.079 ug/ml
7) T n-Hexadecane (C16)	9.749	3753664	18.752 ug/ml
8) T n-Octadecane (C18)	11.184	3748060	19.046 ug/ml
10) T n-Eicosane (C20)	12.487	3568429	19.035 ug/ml
11) T n-Heneicosane (C21)	13.095	3491848	19.145 ug/ml
13) T n-Docosane (C22)	13.678	3424315	18.979 ug/ml
14) T n-Tetracosane (C24)	14.776	3330627	18.488 ug/ml
15) T n-Hexacosane (C26)	15.792	3199447	18.470 ug/ml
16) T n-Octacosane (C28)	16.739	3100848	18.081 ug/ml
17) T n-Tricontane (C30)	17.622	3137549	17.914 ug/ml
18) T n-Dotriacontane (C32)	18.450	3130512	17.947 ug/ml
19) T n-Tetratriacontane (C34)	19.229	3053197	18.452 ug/ml
20) T n-Hexatriacontane (C36)	19.966	3040289	18.831 ug/mlm
21) T n-Octatriacontane (C38)	20.681	3006637	18.958 ug/mlm
22) T n-Tetracontane (C40)	21.556	2939065	18.452 ug/ml

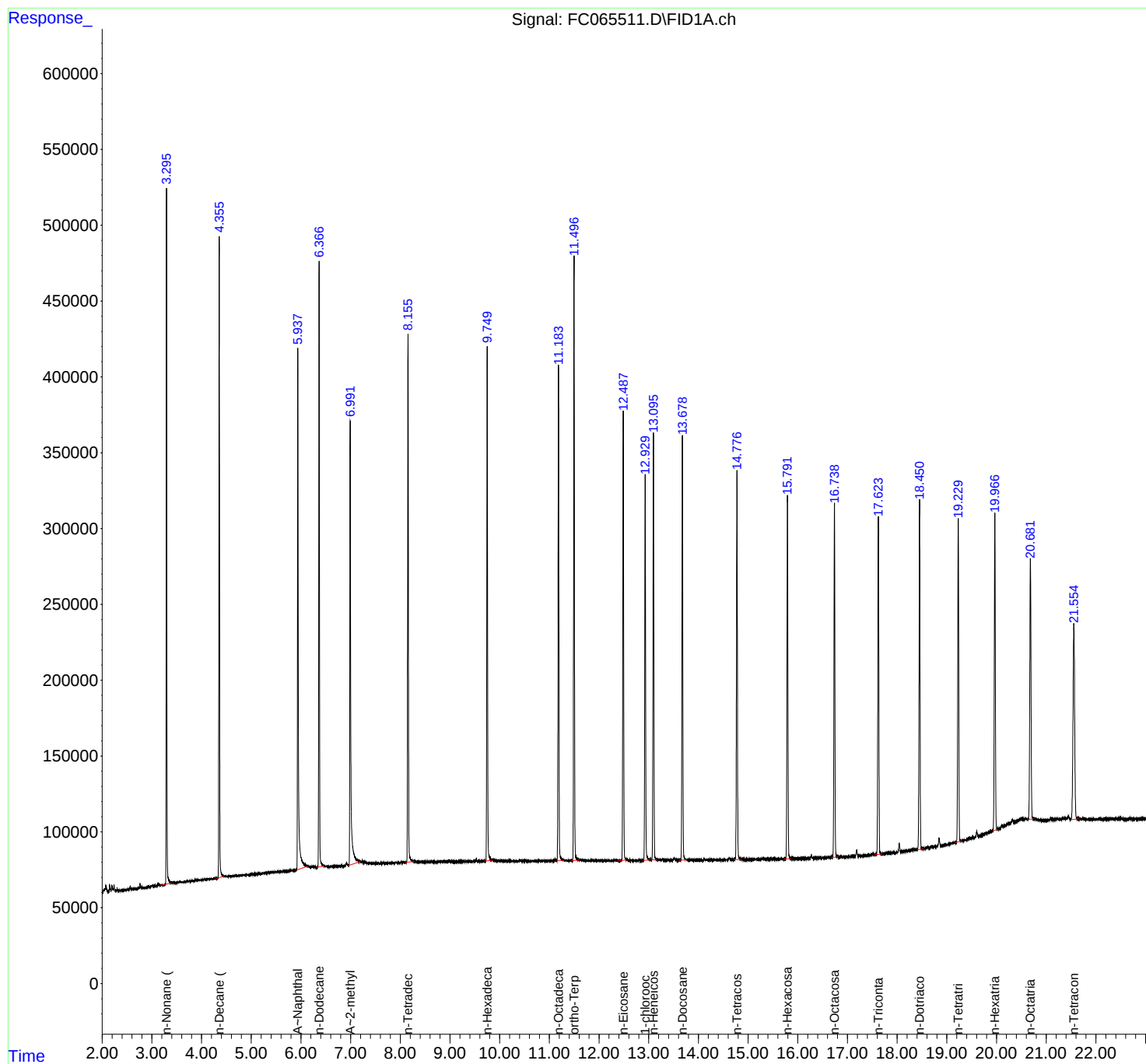
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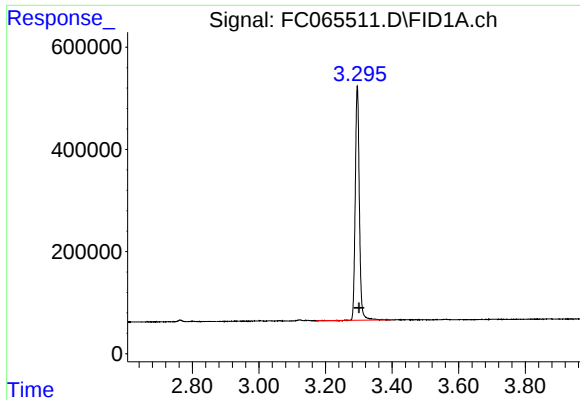
(m)=manual int.

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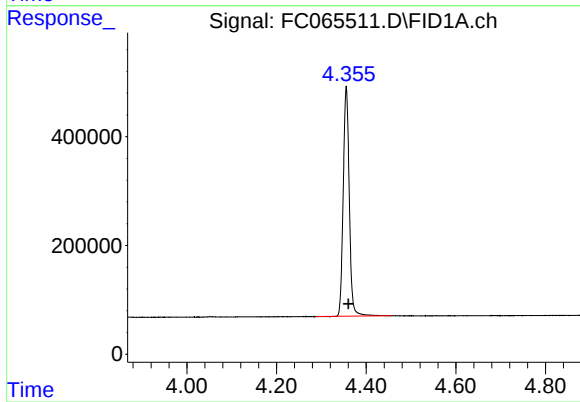
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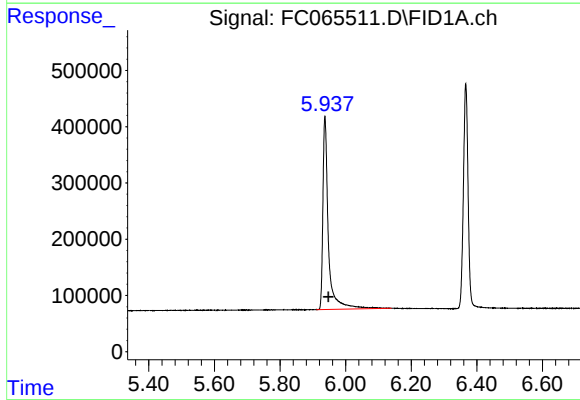
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.005 min
Response: 3927761
Conc: 19.75 ug/ml



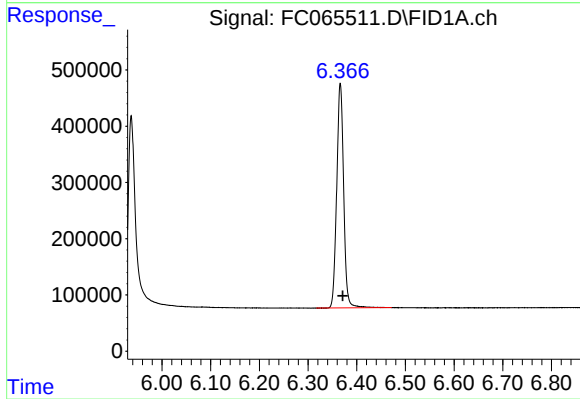
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: -0.005 min
Response: 3956695
Conc: 19.74 ug/ml



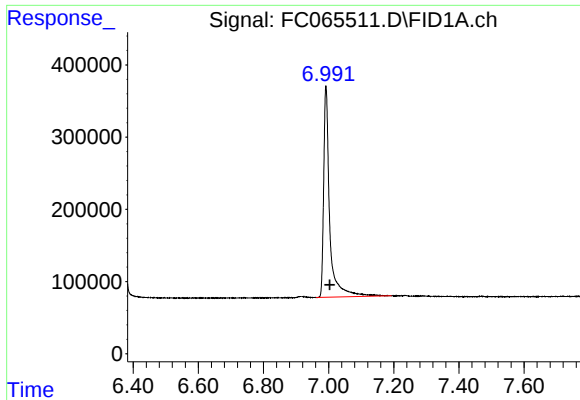
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.011 min
Response: 4016451
Conc: 19.98 ug/ml



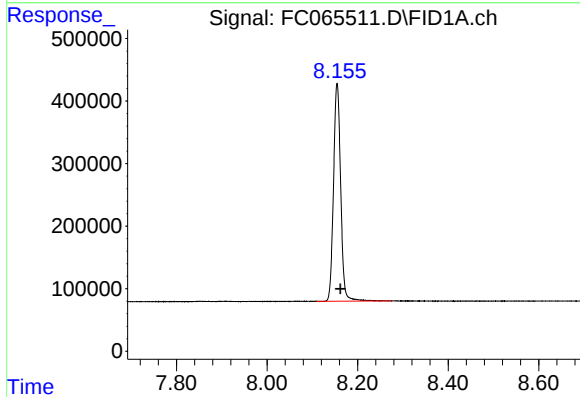
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 3975282
Conc: 19.45 ug/ml



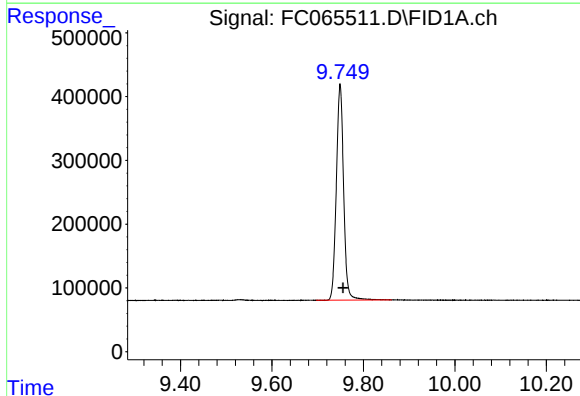
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.011 min
Response: 3781973
Conc: 19.37 ug/ml



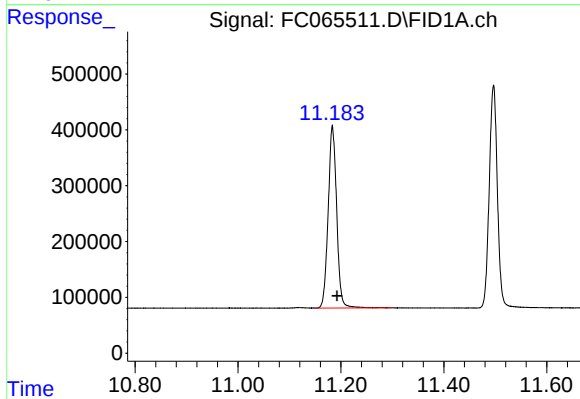
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: -0.007 min
Response: 3822108
Conc: 19.08 ug/ml



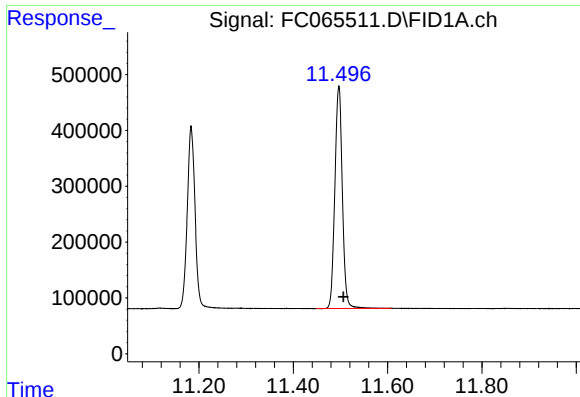
#7 n-Hexadecane (C16)

R.T.: 9.749 min
Delta R.T.: -0.007 min
Response: 3753664
Conc: 18.75 ug/ml



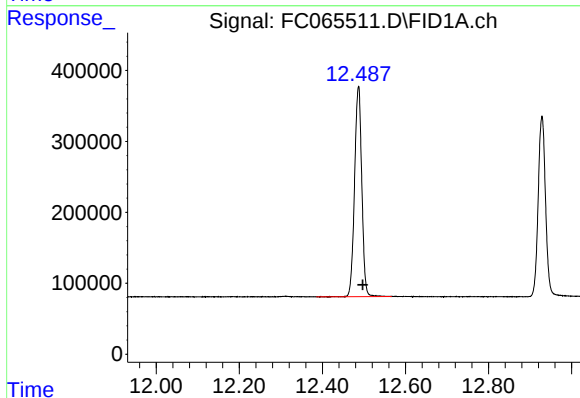
#8 n-Octadecane (C18)

R.T.: 11.184 min
Delta R.T.: -0.009 min
Response: 3748060
Conc: 19.05 ug/ml



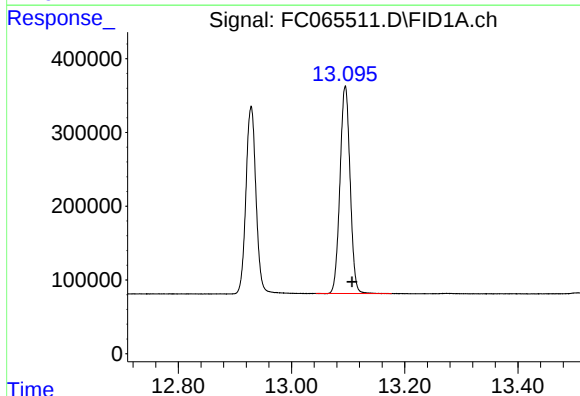
#9 ortho-Terphenyl (SURR)

R.T.: 11.497 min
Delta R.T.: -0.009 min
Response: 4394252
Conc: 19.20 ug/ml



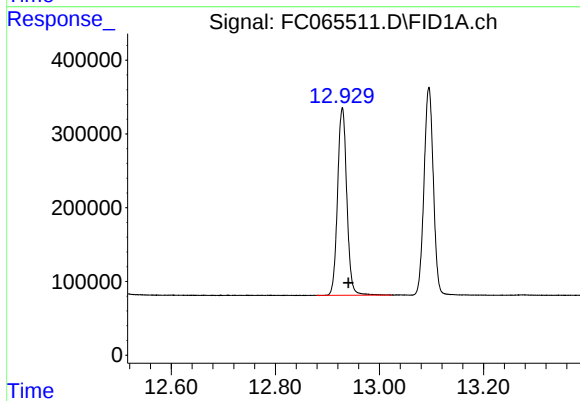
#10 n-Eicosane (C20)

R.T.: 12.487 min
Delta R.T.: -0.010 min
Response: 3568429
Conc: 19.03 ug/ml



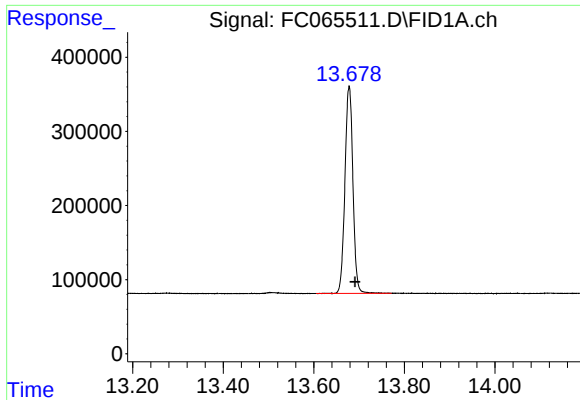
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: -0.012 min
Response: 3491848
Conc: 19.14 ug/ml



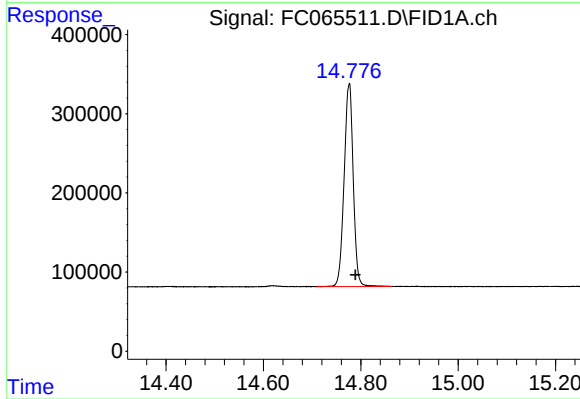
#12 1-chlorooctadecane (SURR)

R.T.: 12.929 min
Delta R.T.: -0.012 min
Response: 3134290
Conc: 19.18 ug/ml



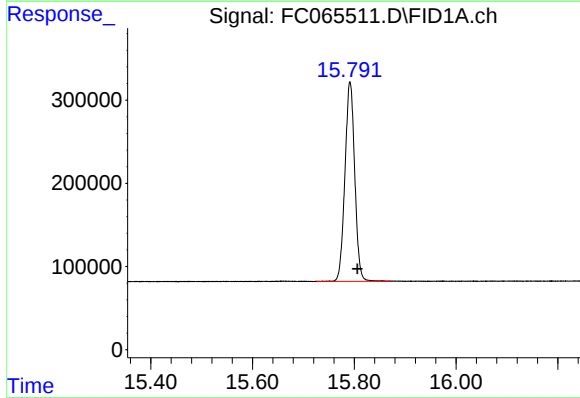
#13 n-Docosane (C22)

R.T.: 13.678 min
Delta R.T.: -0.013 min
Response: 3424315
Conc: 18.98 ug/ml



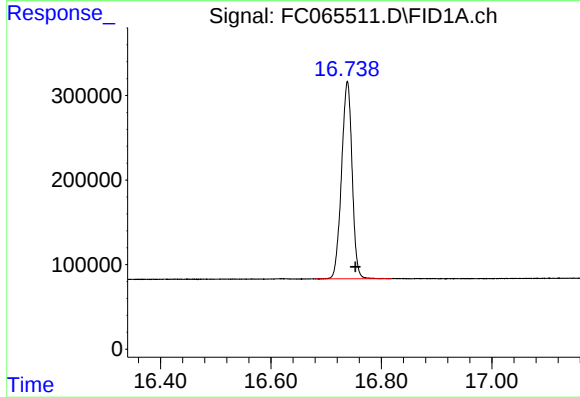
#14 n-Tetracosane (C24)

R.T.: 14.776 min
Delta R.T.: -0.013 min
Response: 3330627
Conc: 18.49 ug/ml



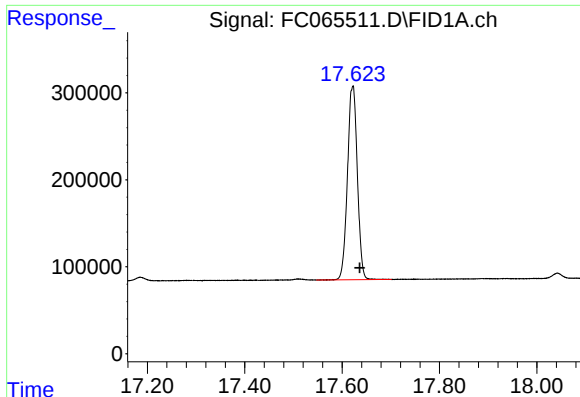
#15 n-Hexacosane (C26)

R.T.: 15.792 min
Delta R.T.: -0.015 min
Response: 3199447
Conc: 18.47 ug/ml



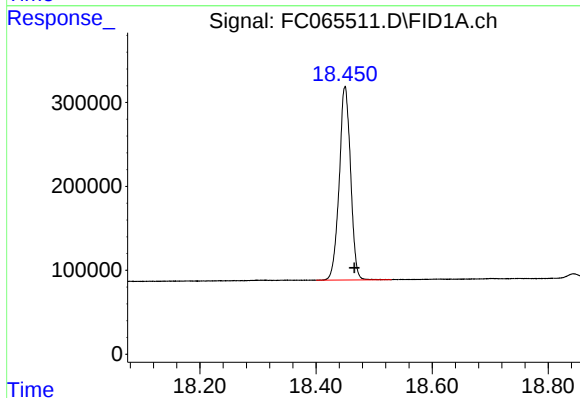
#16 n-Octacosane (C28)

R.T.: 16.739 min
Delta R.T.: -0.014 min
Response: 3100848
Conc: 18.08 ug/ml



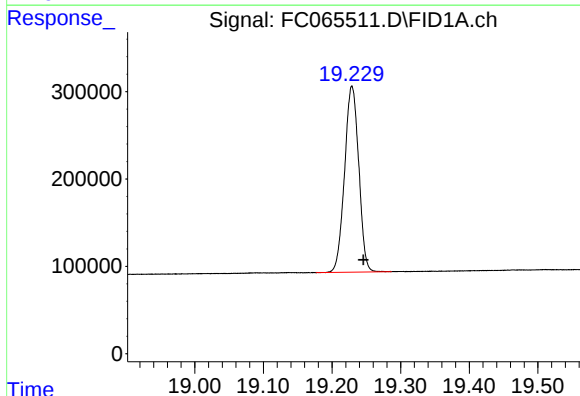
#17 n-Tricontane (C30)

R.T.: 17.622 min
Delta R.T.: -0.014 min
Response: 3137549
Conc: 17.91 ug/ml



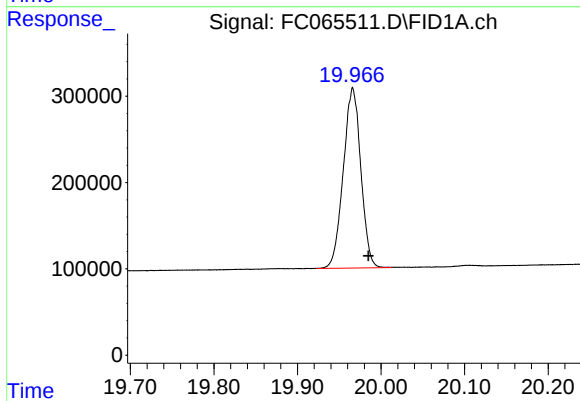
#18 n-Dotriacontane (C32)

R.T.: 18.450 min
Delta R.T.: -0.016 min
Response: 3130512
Conc: 17.95 ug/ml



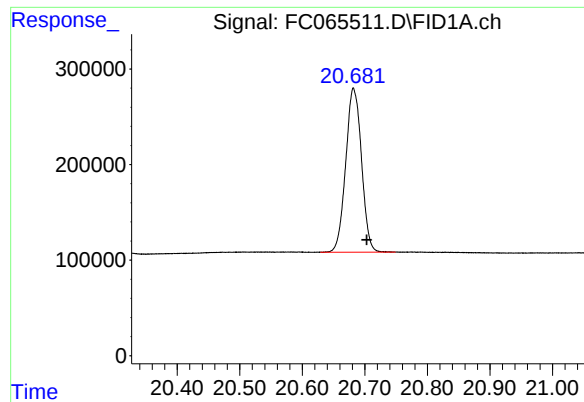
#19 n-Tetratriacontane (C34)

R.T.: 19.229 min
Delta R.T.: -0.016 min
Response: 3053197
Conc: 18.45 ug/ml



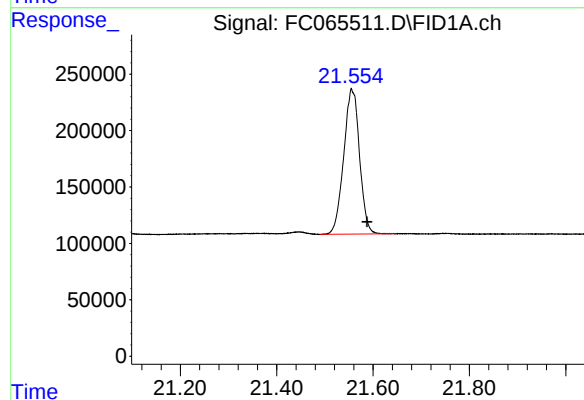
#20 n-Hexatriacontane (C36)

R.T.: 19.966 min
Delta R.T.: -0.019 min
Response: 3040289
Conc: 18.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.681 min
Delta R.T.: -0.022 min
Response: 3006637
Conc: 18.96 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.556 min
Delta R.T.: -0.031 min
Response: 2939065
Conc: 18.45 ug/ml