

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022324AL\
 Data File : FC065844.D
 Signal(s) : FID1A.ch
 Acq On : 23 Feb 2024 08:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 24 01:46:35 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)	11.501	3264695	19.033 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
12) S 1-chlorooctadecane (S...	12.931	2449485	19.464 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.288	2793955	18.597 ug/ml
2) T n-Decane (C10)	4.351	2902568	19.090 ug/ml
3) T A~Naphthalene (C11.7)	5.939	3116451	20.209 ug/ml
4) T n-Dodecane (C12)	6.365	2968126	19.393 ug/ml
5) T A~2-methylnaphthalene...	6.995	2889076	20.289 ug/ml
6) T n-Tetradecane (C14)	8.155	2831402	19.071 ug/ml
7) T n-Hexadecane (C16)	9.751	2939376	19.600 ug/ml
8) T n-Octadecane (C18)	11.186	2987729	19.369 ug/ml
10) T n-Eicosane (C20)	12.488	2906665	19.329 ug/ml
11) T n-Heneicosane (C21)	13.097	2872868	19.209 ug/ml
13) T n-Docosane (C22)	13.680	2891563	19.494 ug/ml
14) T n-Tetracosane (C24)	14.778	2925994	19.679 ug/ml
15) T n-Hexacosane (C26)	15.794	2939702	19.837 ug/ml
16) T n-Octacosane (C28)	16.738	3027106	20.630 ug/ml
17) T n-Tricontane (C30)	17.623	3291912	21.929 ug/ml
18) T n-Dotriacontane (C32)	18.451	3345565	22.623 ug/ml
19) T n-Tetratriacontane (C34)	19.231	3169645	21.868 ug/ml
20) T n-Hexatriacontane (C36)	19.968	2983987	21.022 ug/ml
21) T n-Octatriacontane (C38)	20.688	2851388	20.144 ug/ml
22) T n-Tetracontane (C40)	21.559	2731526	19.583 ug/ml

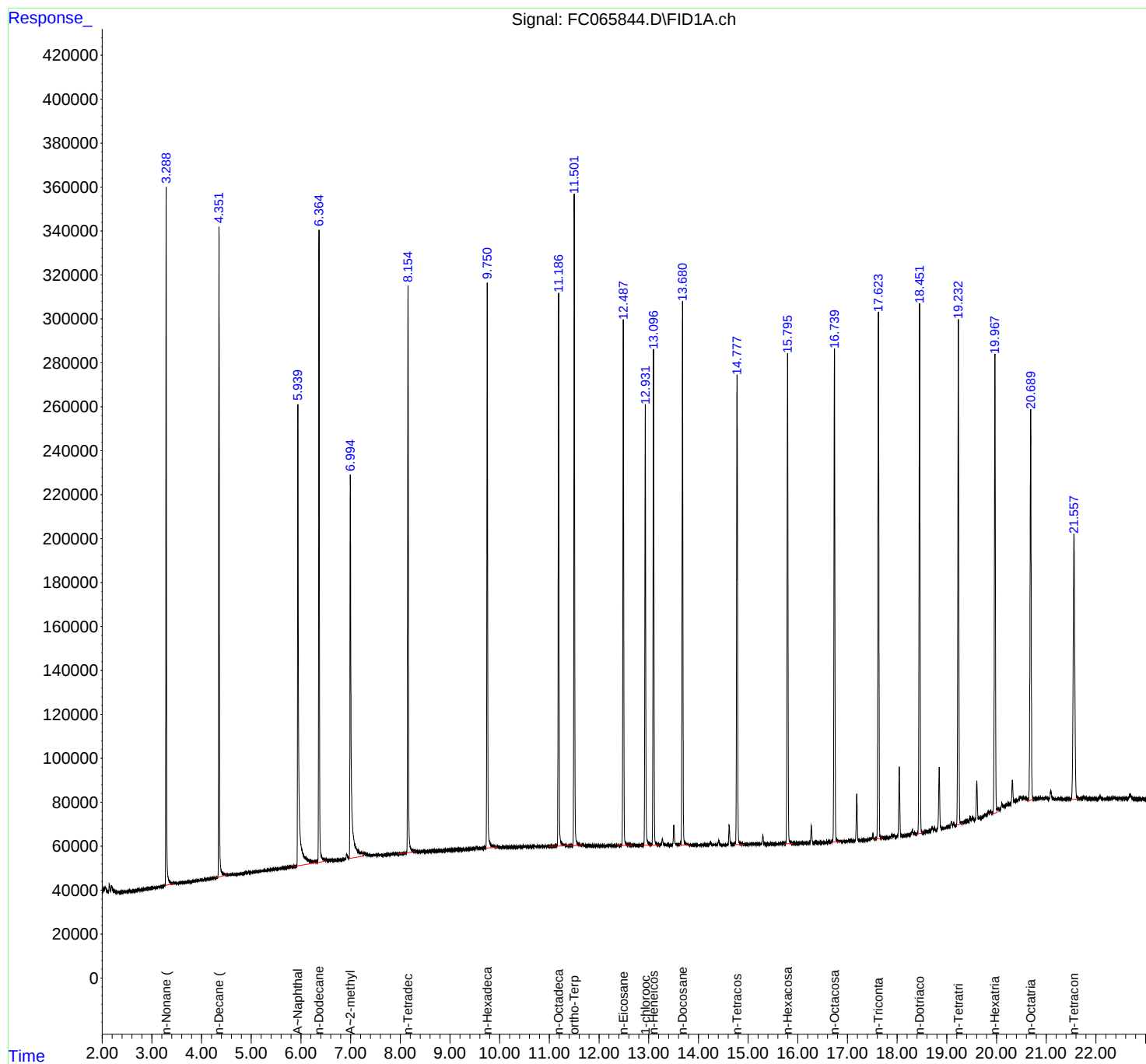
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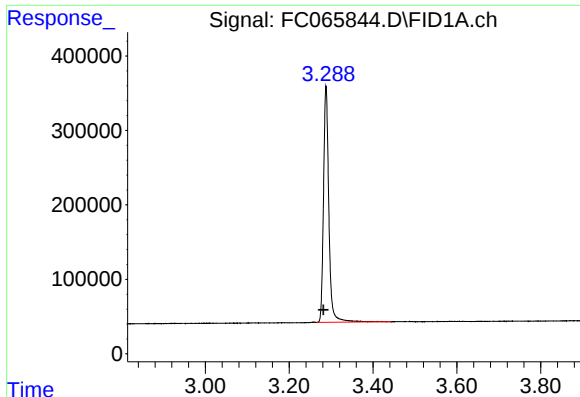
(m)=manual int.

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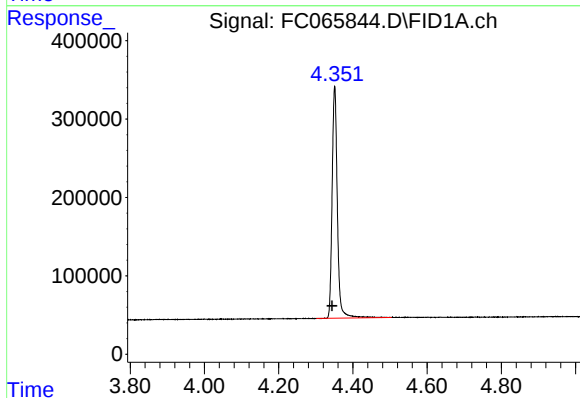
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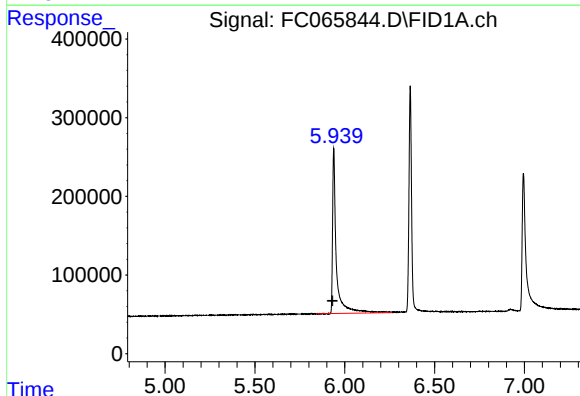
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.006 min
Response: 2793955
Conc: 18.60 ug/ml



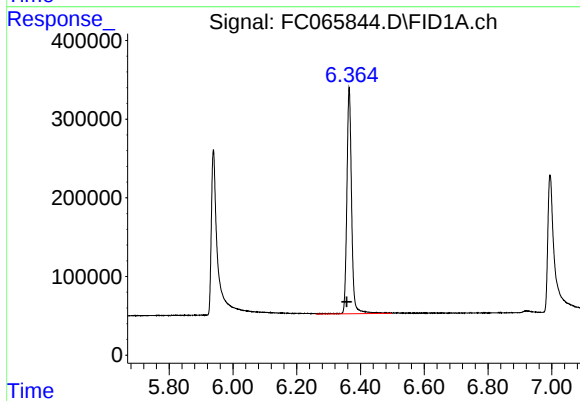
#2 n-Decane (C10)

R.T.: 4.351 min
Delta R.T.: 0.007 min
Response: 2902568
Conc: 19.09 ug/ml



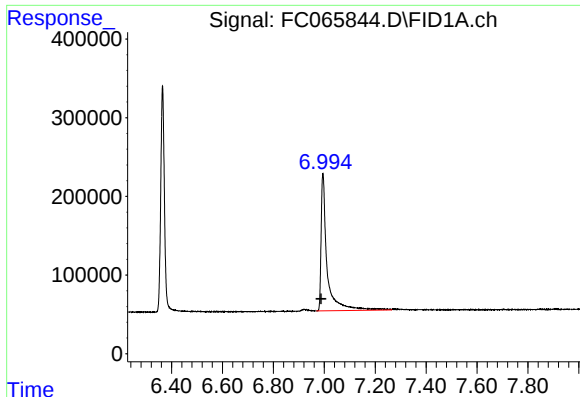
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.008 min
Response: 3116451
Conc: 20.21 ug/ml



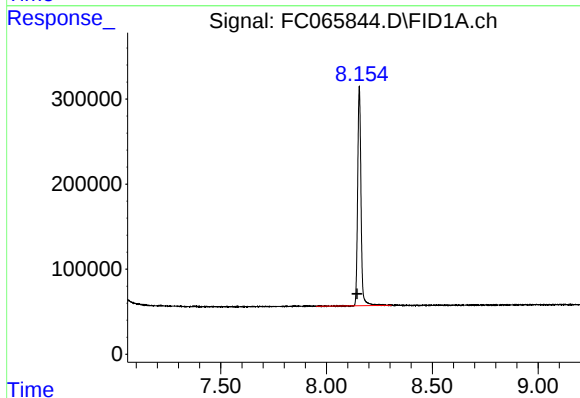
#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: 0.008 min
Response: 2968126
Conc: 19.39 ug/ml



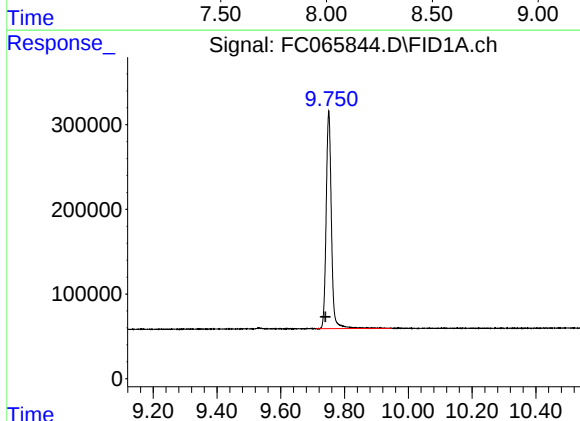
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.995 min
Delta R.T.: 0.008 min
Response: 2889076
Conc: 20.29 ug/ml



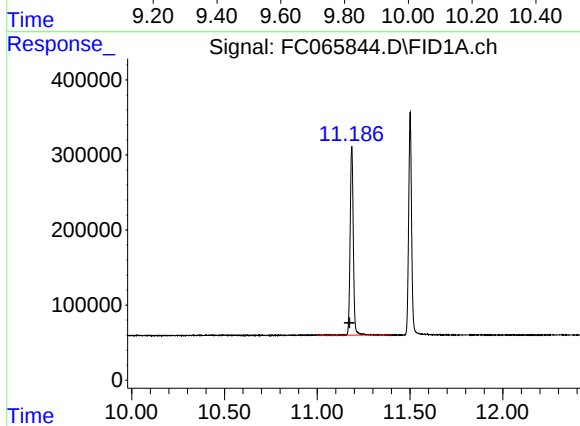
#6 n-Tetradecane (C14)

R.T.: 8.155 min
Delta R.T.: 0.009 min
Response: 2831402
Conc: 19.07 ug/ml



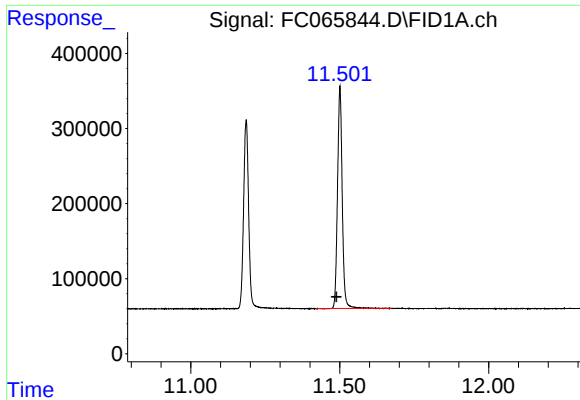
#7 n-Hexadecane (C16)

R.T.: 9.751 min
Delta R.T.: 0.010 min
Response: 2939376
Conc: 19.60 ug/ml



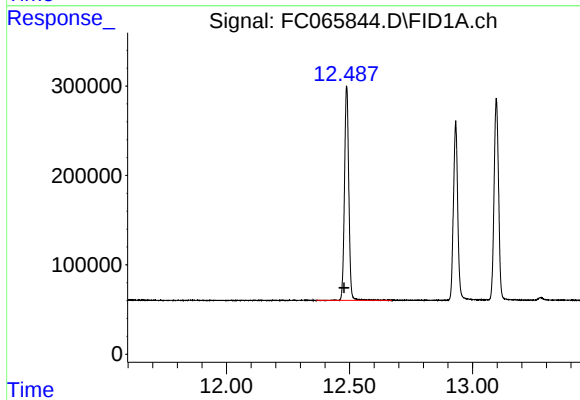
#8 n-Octadecane (C18)

R.T.: 11.186 min
Delta R.T.: 0.011 min
Response: 2987729
Conc: 19.37 ug/ml



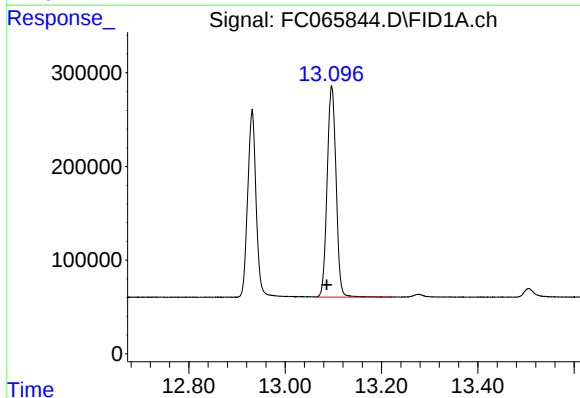
#9 ortho-Terphenyl (SURR)

R.T.: 11.501 min
Delta R.T.: 0.012 min
Response: 3264695
Conc: 19.03 ug/ml



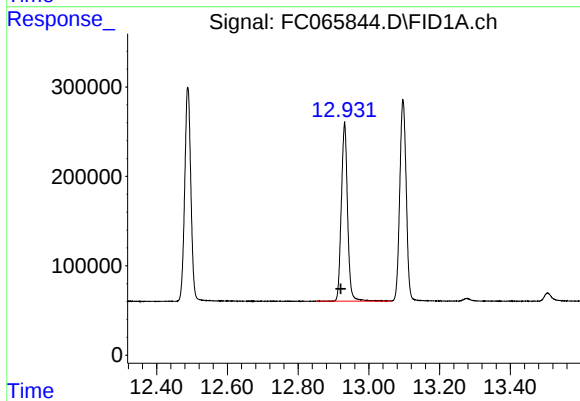
#10 n-Eicosane (C20)

R.T.: 12.488 min
Delta R.T.: 0.010 min
Response: 2906665
Conc: 19.33 ug/ml



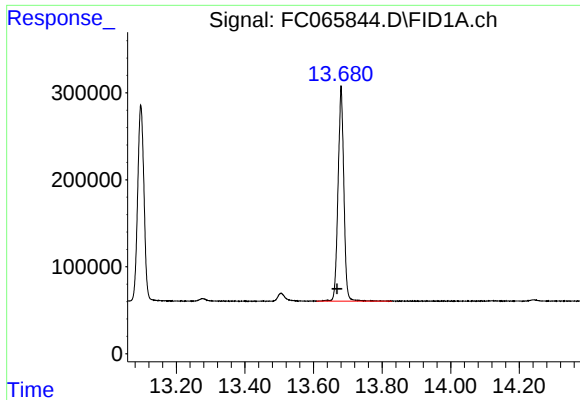
#11 n-Heneicosane (C21)

R.T.: 13.097 min
Delta R.T.: 0.010 min
Response: 2872868
Conc: 19.21 ug/ml



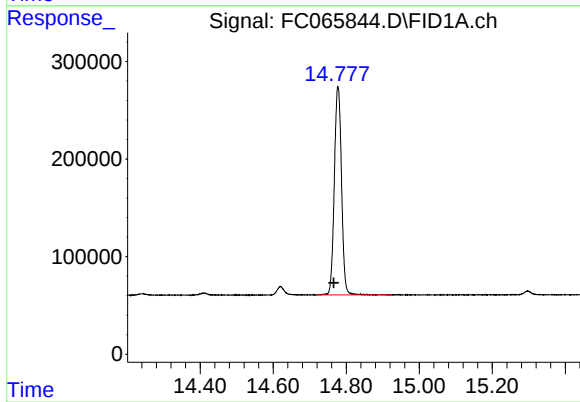
#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: 0.011 min
Response: 2449485
Conc: 19.46 ug/ml



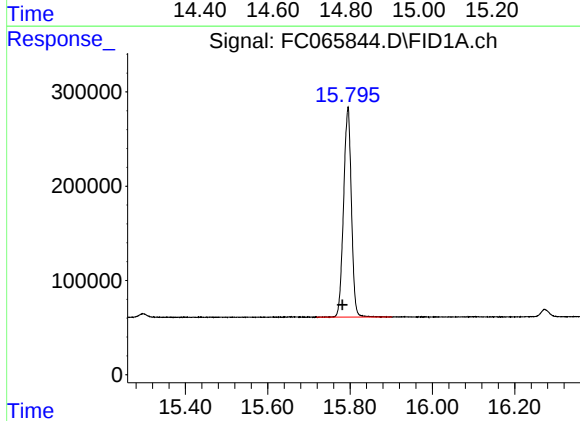
#13 n-Docosane (C22)

R.T.: 13.680 min
Delta R.T.: 0.011 min
Response: 2891563
Conc: 19.49 ug/ml



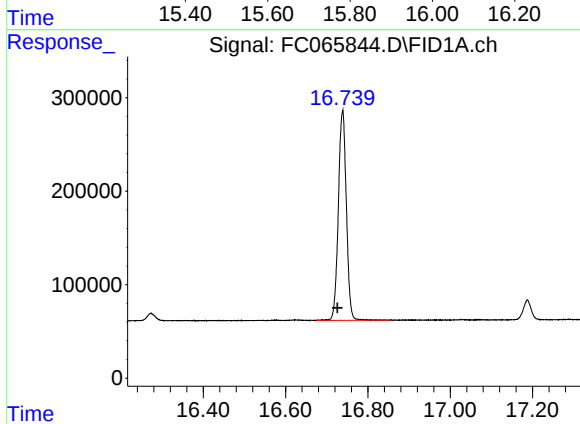
#14 n-Tetracosane (C24)

R.T.: 14.778 min
Delta R.T.: 0.012 min
Response: 2925994
Conc: 19.68 ug/ml



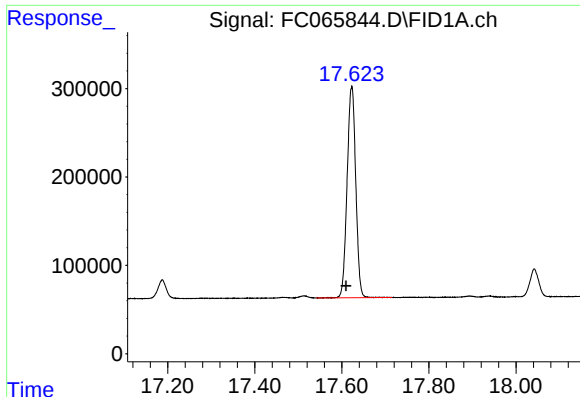
#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: 0.013 min
Response: 2939702
Conc: 19.84 ug/ml



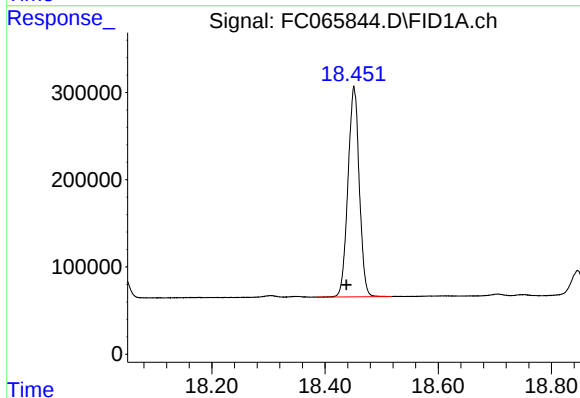
#16 n-Octacosane (C28)

R.T.: 16.738 min
Delta R.T.: 0.012 min
Response: 3027106
Conc: 20.63 ug/ml



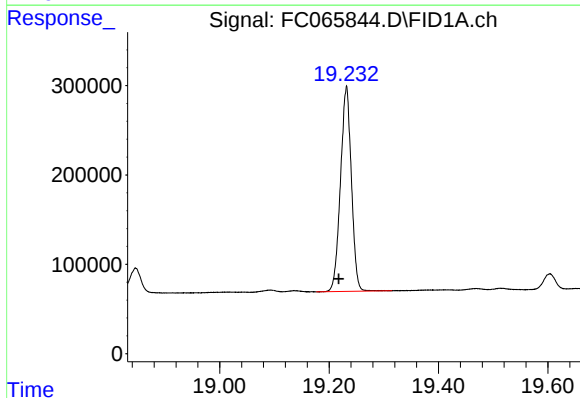
#17 n-Tricontane (C30)

R.T.: 17.623 min
Delta R.T.: 0.013 min
Response: 3291912
Conc: 21.93 ug/ml



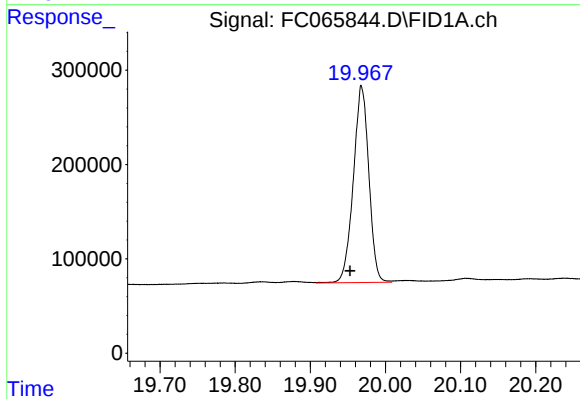
#18 n-Dotriacontane (C32)

R.T.: 18.451 min
Delta R.T.: 0.013 min
Response: 3345565
Conc: 22.62 ug/ml



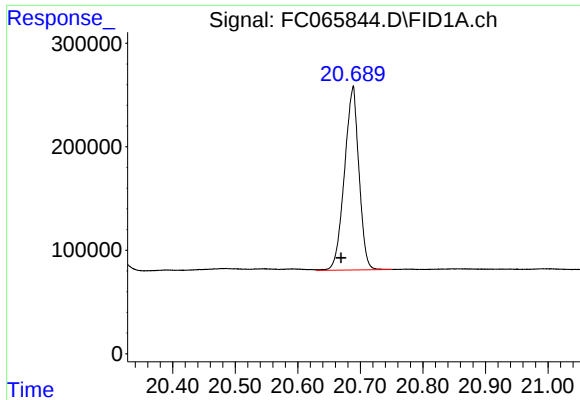
#19 n-Tetratriacontane (C34)

R.T.: 19.231 min
Delta R.T.: 0.014 min
Response: 3169645
Conc: 21.87 ug/ml



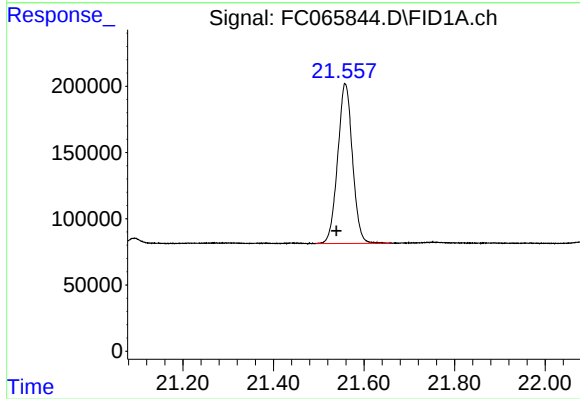
#20 n-Hexatriacontane (C36)

R.T.: 19.968 min
Delta R.T.: 0.016 min
Response: 2983987
Conc: 21.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.688 min
Delta R.T.: 0.019 min
Response: 2851388
Conc: 20.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.559 min
Delta R.T.: 0.020 min
Response: 2731526
Conc: 19.58 ug/ml