

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032924AL\
 Data File : FC066139.D
 Signal(s) : FID1A.ch
 Acq On : 29 Mar 2024 13:29
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 30 00:46:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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)	11.475	3408393	17.440 ug/ml
Spiked Amount 50.000		Recovery =	34.88%
12) S 1-chlorooctadecane (S...	12.903	2538345	17.411 ug/ml
Spiked Amount 50.000		Recovery =	34.82%
Target Compounds			
1) T n-Nonane (C9)	3.277	2746178	16.437 ug/ml
2) T n-Decane (C10)	4.336	2914128	16.803 ug/ml
3) T A~Naphthalene (C11.7)	5.929	3159025	17.603 ug/ml
4) T n-Dodecane (C12)	6.346	3109553	17.646 ug/ml
5) T A~2-methylnaphthalene...	6.987	2857238	16.774 ug/ml
6) T n-Tetradecane (C14)	8.133	2923584	16.812 ug/ml
7) T n-Hexadecane (C16)	9.726	3063805	17.150 ug/ml
8) T n-Octadecane (C18)	11.159	3141928	17.286 ug/ml
10) T n-Eicosane (C20)	12.460	3061656	17.534 ug/ml
11) T n-Heneicosane (C21)	13.067	3031399	17.484 ug/ml
13) T n-Docosane (C22)	13.649	3102349	18.039 ug/ml
14) T n-Tetracosane (C24)	14.744	3191943	18.688 ug/ml
15) T n-Hexacosane (C26)	15.758	3227696	19.168 ug/ml
16) T n-Octacosane (C28)	16.701	3377991	20.317 ug/ml
17) T n-Tricontane (C30)	17.582	3689794	21.611 ug/ml
18) T n-Dotriacontane (C32)	18.410	3662429	21.726 ug/ml
19) T n-Tetratriacontane (C34)	19.187	3420392	20.869 ug/ml
20) T n-Hexatriacontane (C36)	19.923	3115596	19.595 ug/ml
21) T n-Octatriacontane (C38)	20.634	2950293	18.835 ug/ml
22) T n-Tetracontane (C40)	21.491	2799137	17.701 ug/ml

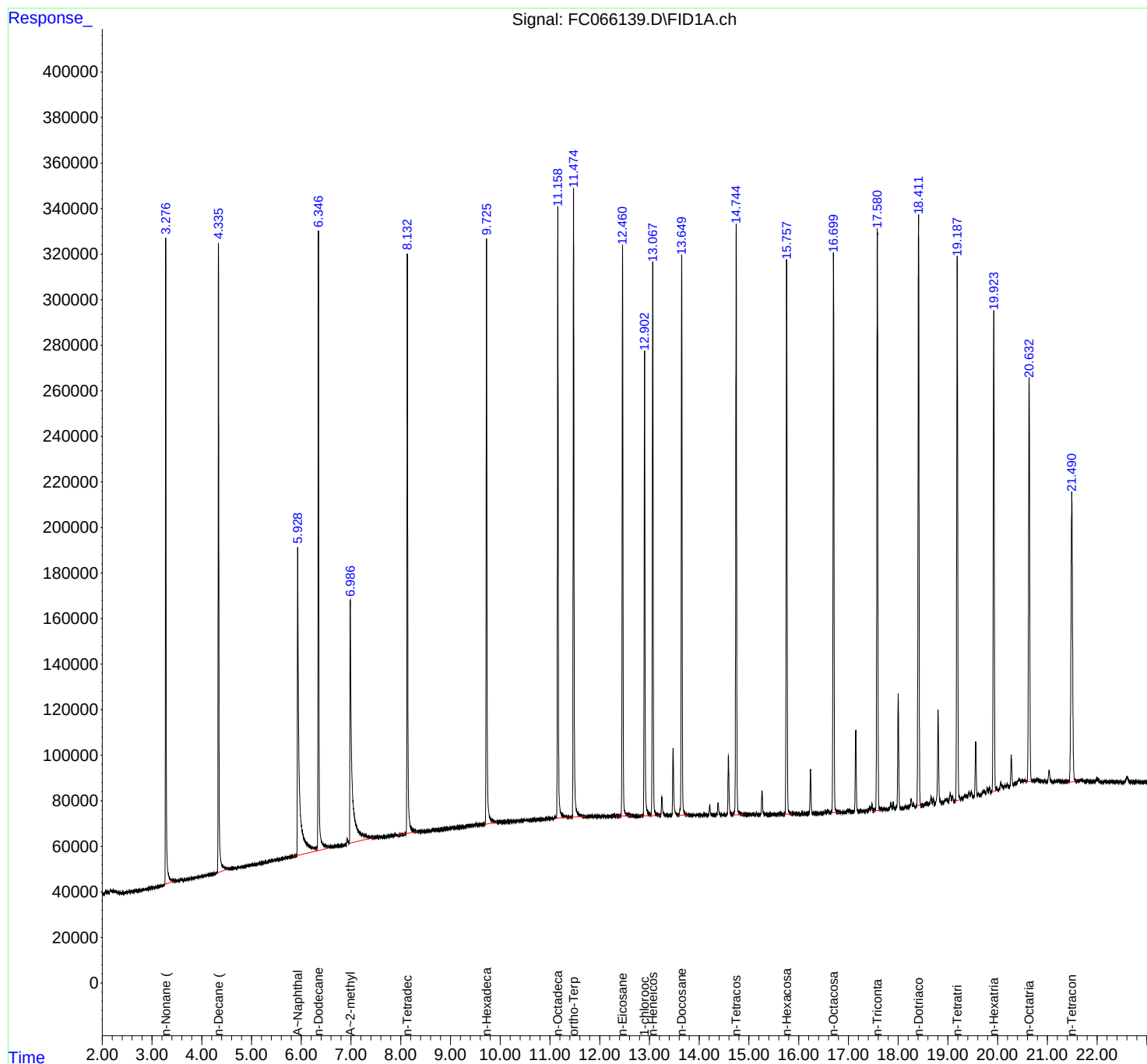
(f)=RT Delta > 1/2 Window

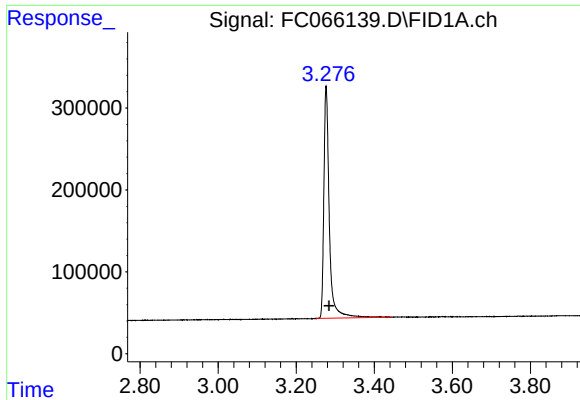
(m)=manual int.

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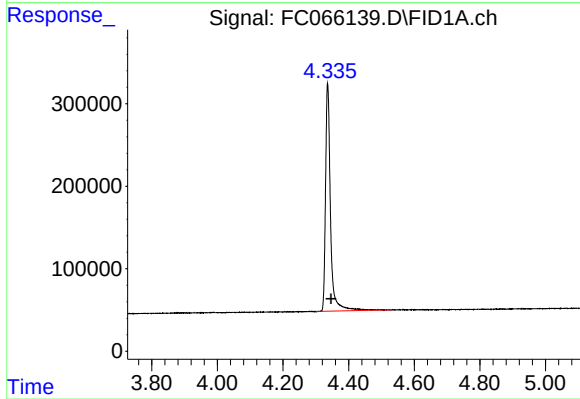
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





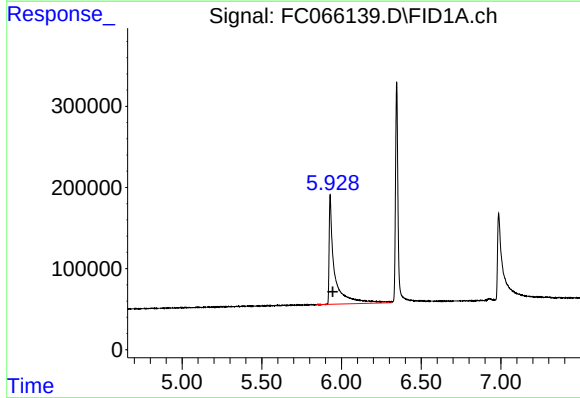
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: -0.007 min
Response: 2746178
Conc: 16.44 ug/ml



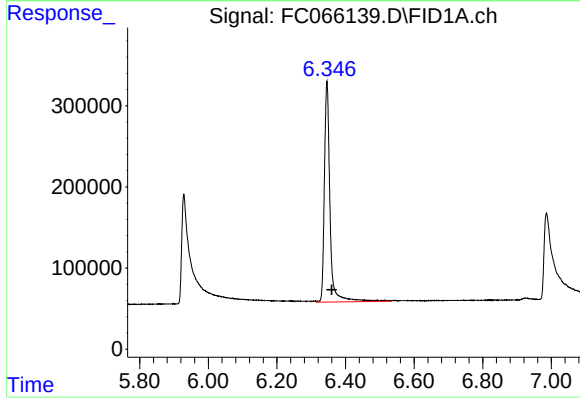
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: -0.010 min
Response: 2914128
Conc: 16.80 ug/ml



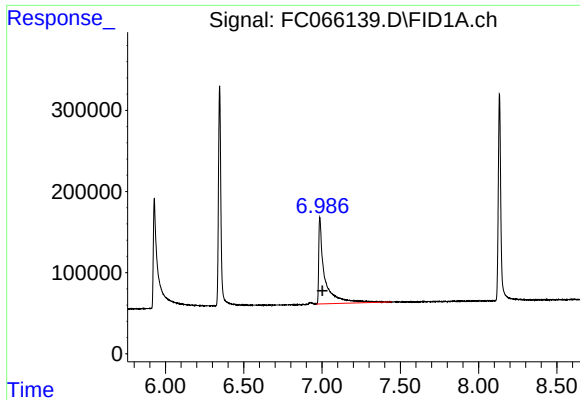
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.016 min
Response: 3159025
Conc: 17.60 ug/ml



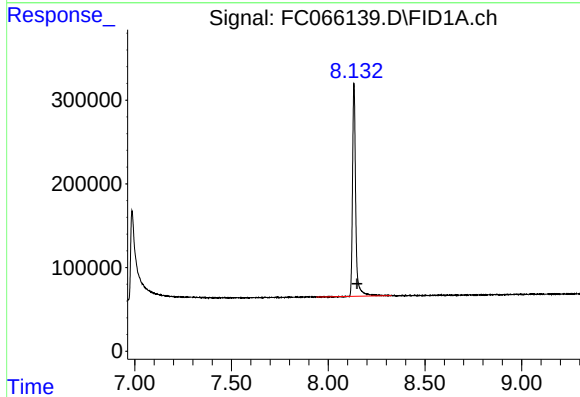
#4 n-Dodecane (C12)

R.T.: 6.346 min
Delta R.T.: -0.014 min
Response: 3109553
Conc: 17.65 ug/ml



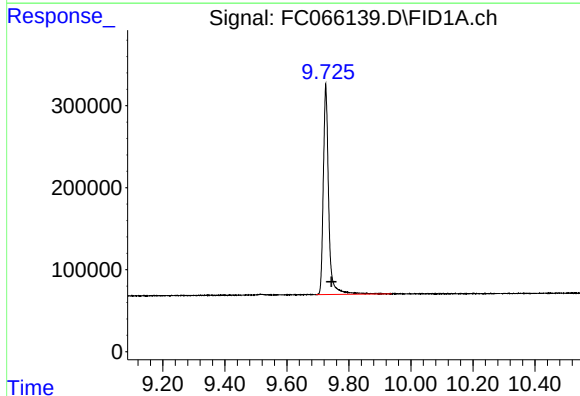
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: -0.016 min
Response: 2857238
Conc: 16.77 ug/ml



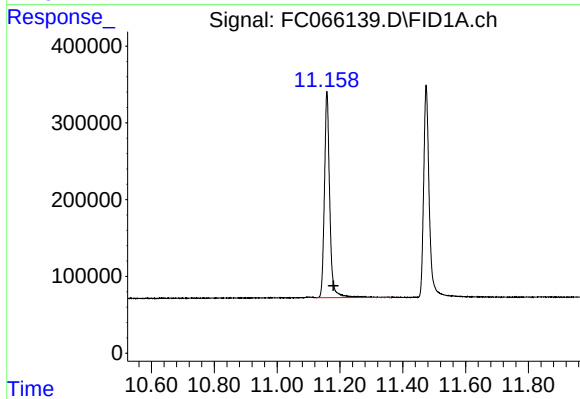
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: -0.016 min
Response: 2923584
Conc: 16.81 ug/ml



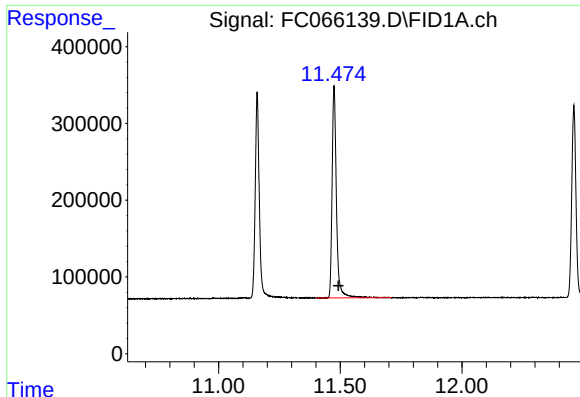
#7 n-Hexadecane (C16)

R.T.: 9.726 min
Delta R.T.: -0.018 min
Response: 3063805
Conc: 17.15 ug/ml



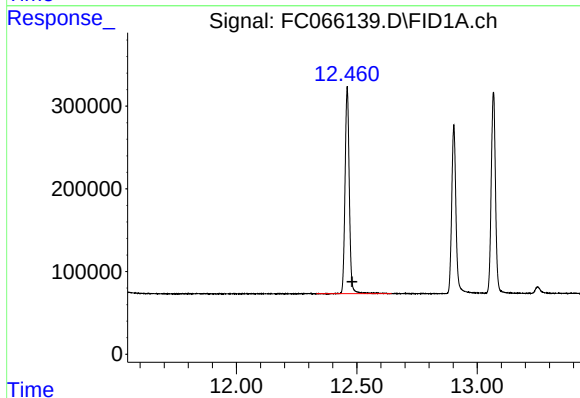
#8 n-Octadecane (C18)

R.T.: 11.159 min
Delta R.T.: -0.020 min
Response: 3141928
Conc: 17.29 ug/ml



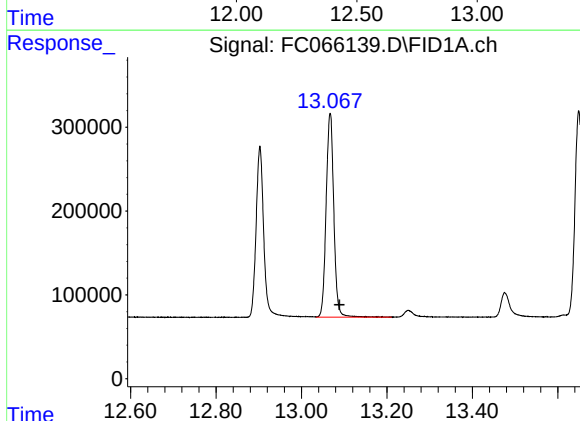
#9 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: -0.018 min
Response: 3408393
Conc: 17.44 ug/ml



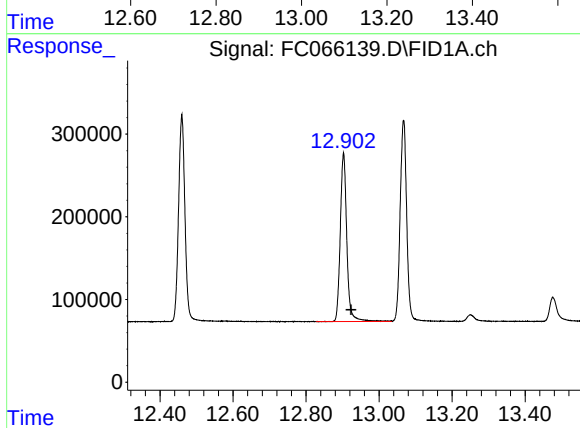
#10 n-Eicosane (C20)

R.T.: 12.460 min
Delta R.T.: -0.021 min
Response: 3061656
Conc: 17.53 ug/ml



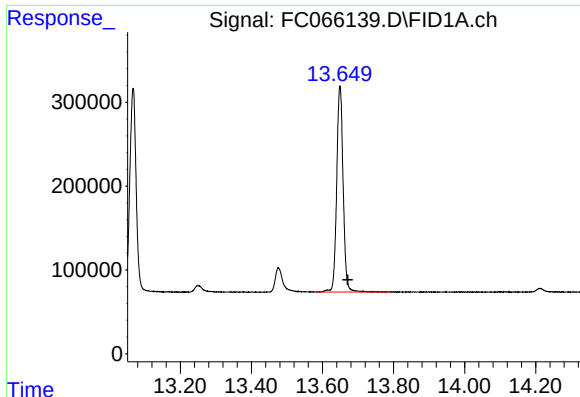
#11 n-Heneicosane (C21)

R.T.: 13.067 min
Delta R.T.: -0.022 min
Response: 3031399
Conc: 17.48 ug/ml



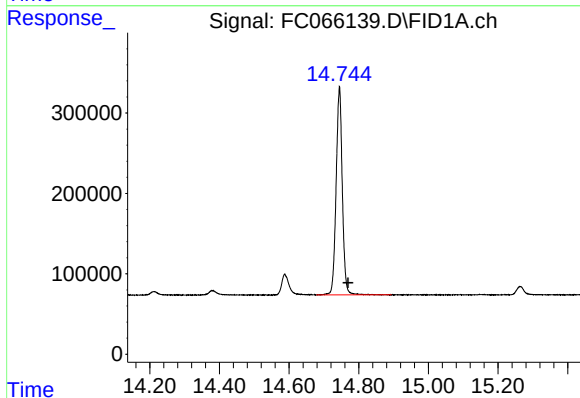
#12 1-chlorooctadecane (SURR)

R.T.: 12.903 min
Delta R.T.: -0.021 min
Response: 2538345
Conc: 17.41 ug/ml



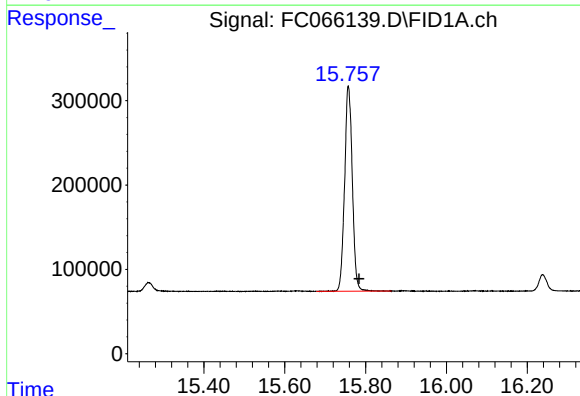
#13 n-Docosane (C22)

R.T.: 13.649 min
Delta R.T.: -0.022 min
Response: 3102349
Conc: 18.04 ug/ml



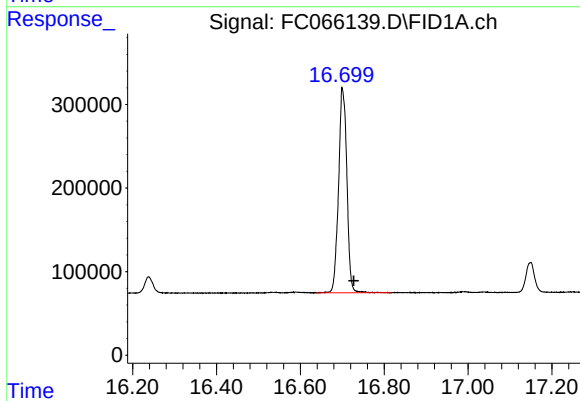
#14 n-Tetracosane (C24)

R.T.: 14.744 min
Delta R.T.: -0.025 min
Response: 3191943
Conc: 18.69 ug/ml



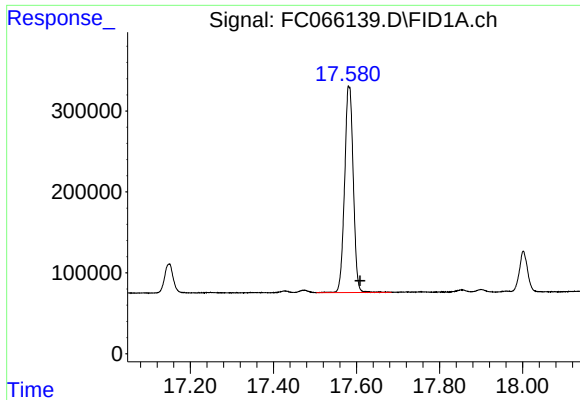
#15 n-Hexacosane (C26)

R.T.: 15.758 min
Delta R.T.: -0.026 min
Response: 3227696
Conc: 19.17 ug/ml



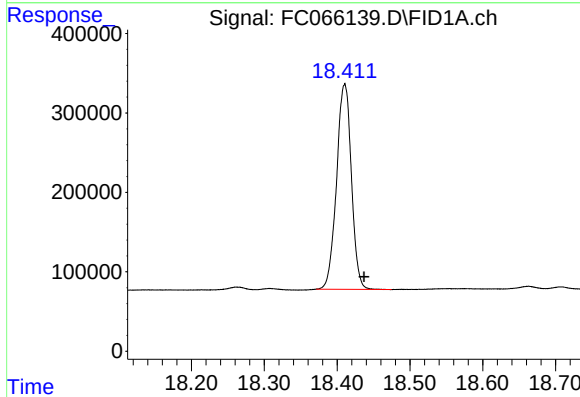
#16 n-Octacosane (C28)

R.T.: 16.701 min
Delta R.T.: -0.026 min
Response: 3377991
Conc: 20.32 ug/ml



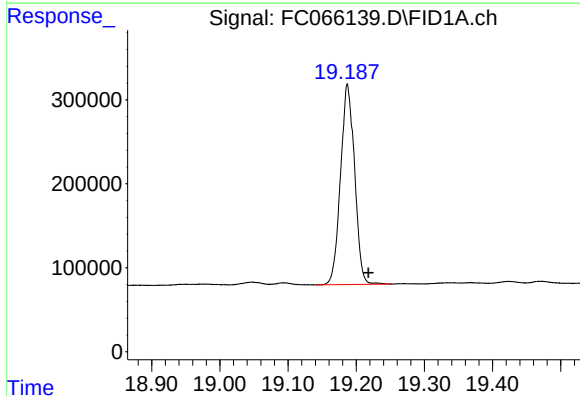
#17 n-Tricontane (C30)

R.T.: 17.582 min
Delta R.T.: -0.026 min
Response: 3689794
Conc: 21.61 ug/ml



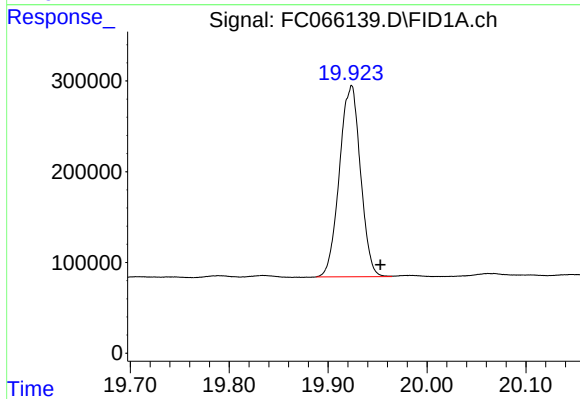
#18 n-Dotriacontane (C32)

R.T.: 18.410 min
Delta R.T.: -0.027 min
Response: 3662429
Conc: 21.73 ug/ml



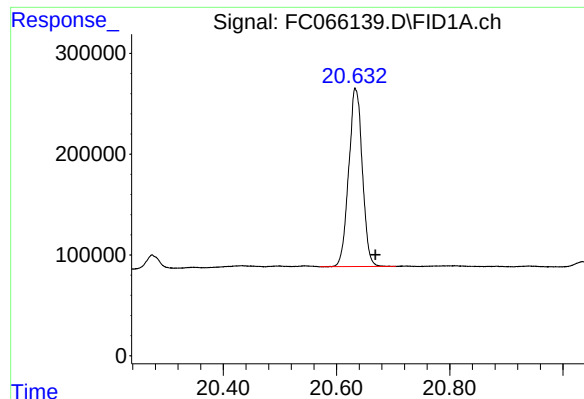
#19 n-Tetratriacontane (C34)

R.T.: 19.187 min
Delta R.T.: -0.030 min
Response: 3420392
Conc: 20.87 ug/ml



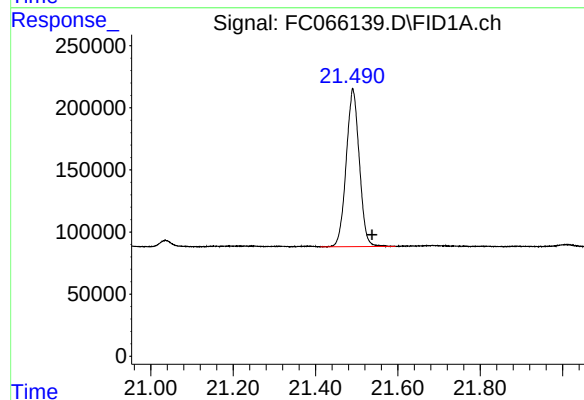
#20 n-Hexatriacontane (C36)

R.T.: 19.923 min
Delta R.T.: -0.030 min
Response: 3115596
Conc: 19.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.634 min
Delta R.T.: -0.035 min
Response: 2950293
Conc: 18.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.491 min
Delta R.T.: -0.046 min
Response: 2799137
Conc: 17.70 ug/ml