

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022723AL\
 Data File : FC063038.D
 Signal(s) : FID1A.ch
 Acq On : 27 Feb 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: Feb 28 03:20:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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)	11.536	2481714	19.119 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
12) S 1-chlorooctadecane (S...	12.976	1893982	19.416 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
Target Compounds			
1) T n-Nonane (C9)	3.298	2263321	19.090 ug/ml
2) T n-Decane (C10)	4.364	2227474	19.317 ug/ml
3) T A~Naphthalene (C11.7)	5.948	2473101	19.338 ug/ml
4) T n-Dodecane (C12)	6.384	2239689	19.396 ug/ml
5) T A~2-methylnaphthalene...	7.005	2306282	19.594 ug/ml
6) T n-Tetradecane (C14)	8.180	2205175	19.512 ug/ml
7) T n-Hexadecane (C16)	9.781	2237904	19.454 ug/ml
8) T n-Octadecane (C18)	11.223	2266603	19.460 ug/ml
10) T n-Eicosane (C20)	12.532	2216479	19.452 ug/ml
11) T n-Heneicosane (C21)	13.144	2210887	19.400 ug/ml
13) T n-Docosane (C22)	13.729	2237164	19.836 ug/ml
14) T n-Tetracosane (C24)	14.832	2343988	20.916 ug/ml
15) T n-Hexacosane (C26)	15.851	2374001	21.467 ug/ml
16) T n-Octacosane (C28)	16.800	2453161	22.295 ug/ml
17) T n-Tricontane (C30)	17.687	2557205	23.221 ug/ml
18) T n-Dotriacontane (C32)	18.517	2575469	23.076 ug/ml
19) T n-Tetratriacontane (C34)	19.299	2390790	21.391 ug/ml
20) T n-Hexatriacontane (C36)	20.036	2224324	20.490 ug/ml
21) T n-Octatriacontane (C38)	20.767	2183003	20.089 ug/ml
22) T n-Tetracontane (C40)	21.668	2160012	19.854 ug/ml

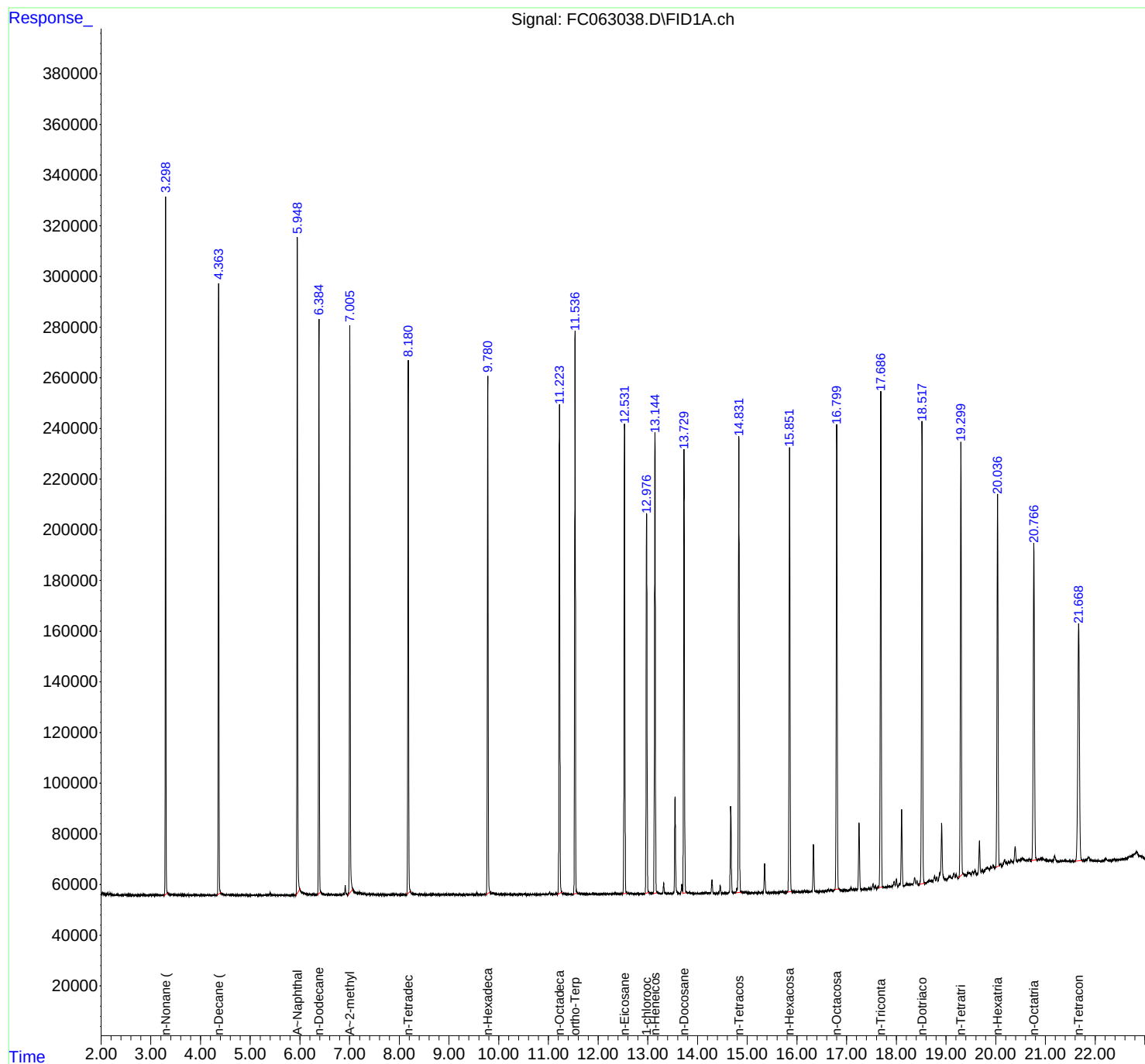
(f)=RT Delta > 1/2 Window

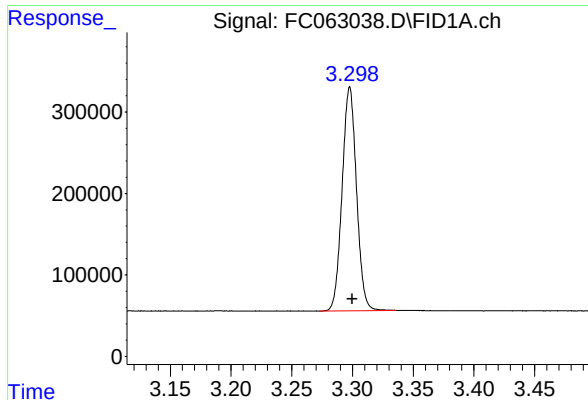
(m)=manual int.

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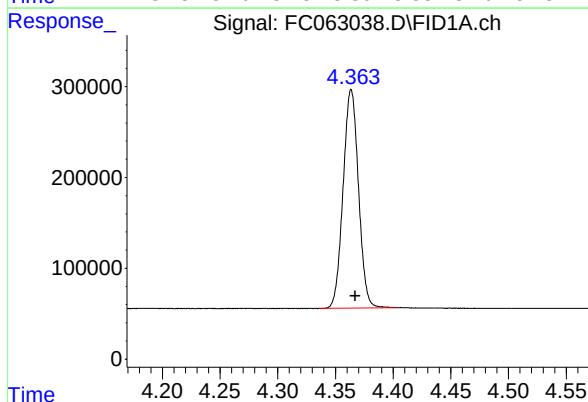
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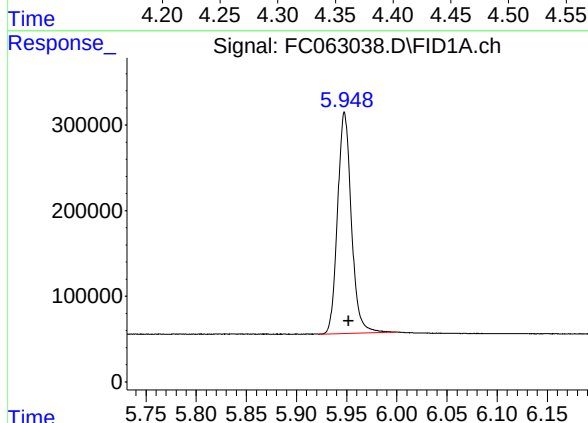
#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: -0.002 min
Response: 2263321
Conc: 19.09 ug/ml



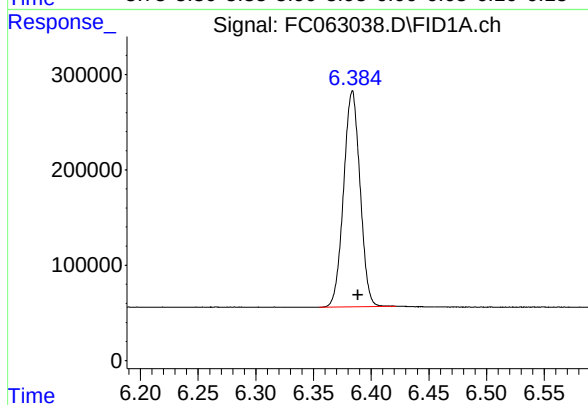
#2 n-Decane (C10)

R.T.: 4.364 min
Delta R.T.: -0.003 min
Response: 2227474
Conc: 19.32 ug/ml



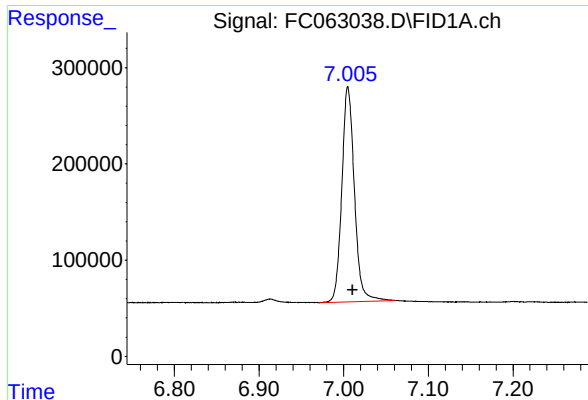
#3 A~Naphthalene (C11.7)

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 2473101
Conc: 19.34 ug/ml



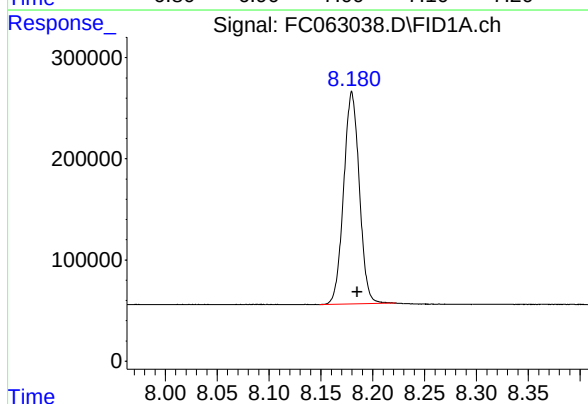
#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.005 min
Response: 2239689
Conc: 19.40 ug/ml



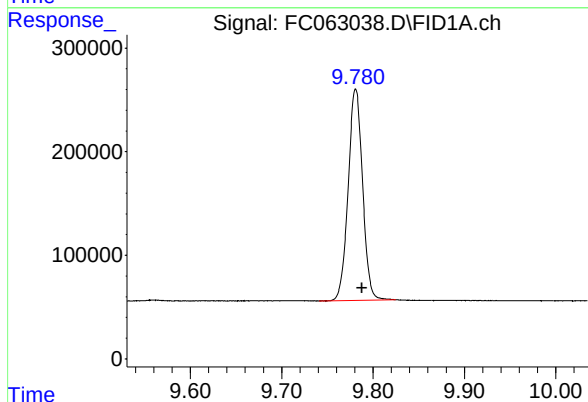
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.006 min
Response: 2306282
Conc: 19.59 ug/ml



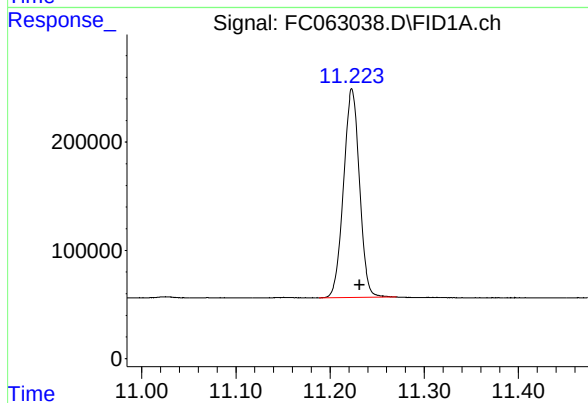
#6 n-Tetradecane (C14)

R.T.: 8.180 min
Delta R.T.: -0.005 min
Response: 2205175
Conc: 19.51 ug/ml



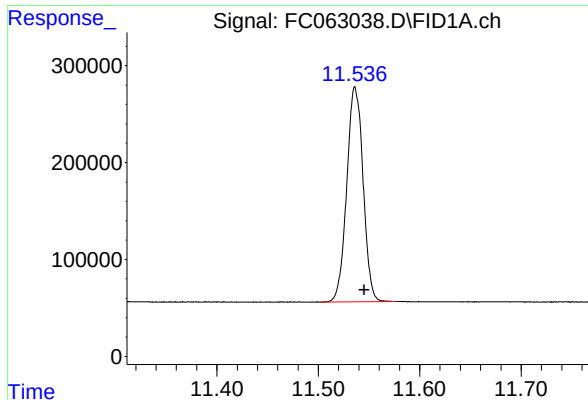
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: -0.007 min
Response: 2237904
Conc: 19.45 ug/ml



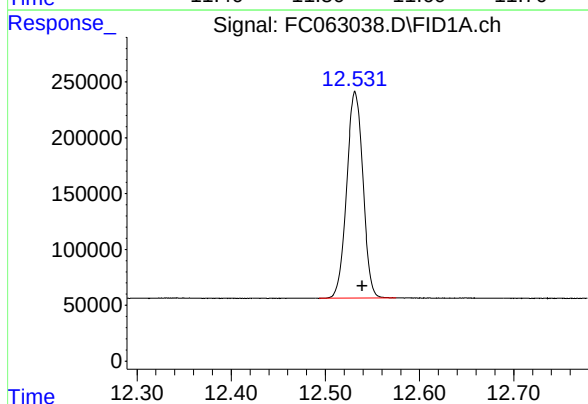
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.008 min
Response: 2266603
Conc: 19.46 ug/ml



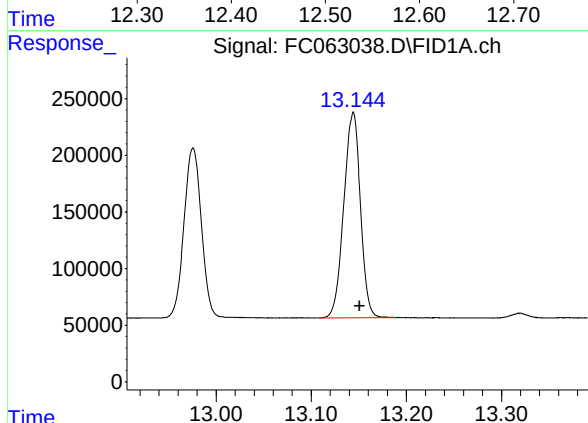
#9 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.009 min
Response: 2481714
Conc: 19.12 ug/ml



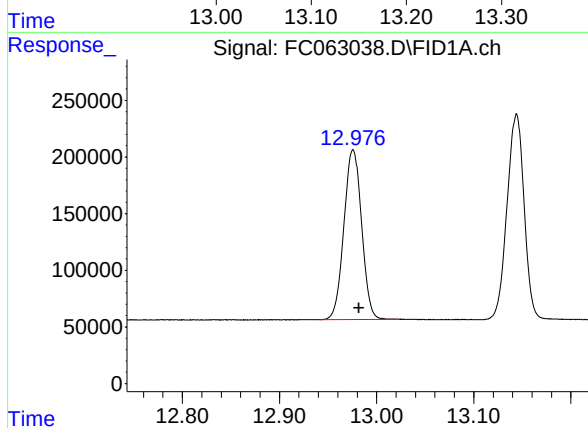
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.008 min
Response: 2216479
Conc: 19.45 ug/ml



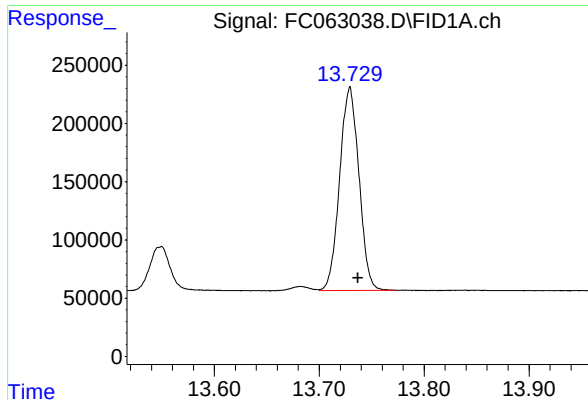
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.007 min
Response: 2210887
Conc: 19.40 ug/ml



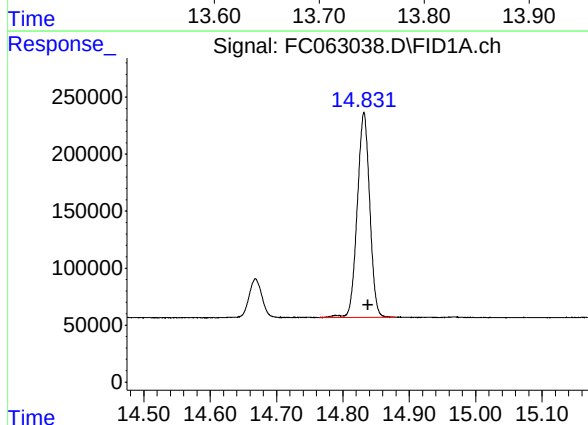
#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.006 min
Response: 1893982
Conc: 19.42 ug/ml



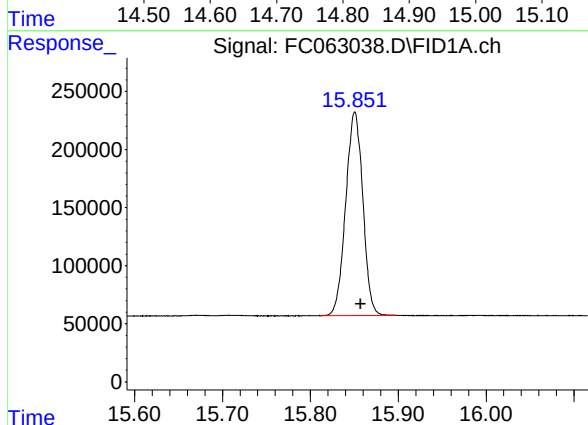
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.008 min
Response: 2237164
Conc: 19.84 ug/ml



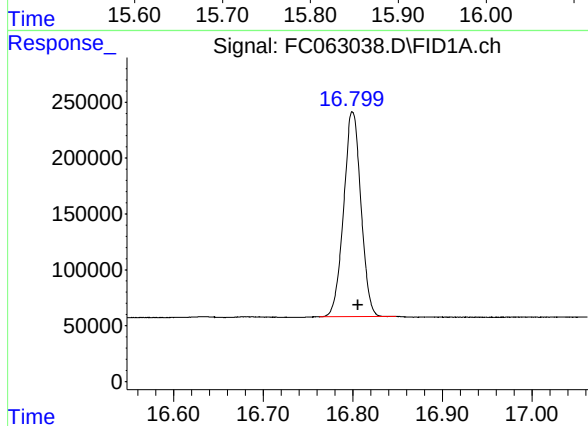
#14 n-Tetracosane (C24)

R.T.: 14.832 min
Delta R.T.: -0.006 min
Response: 2343988
Conc: 20.92 ug/ml



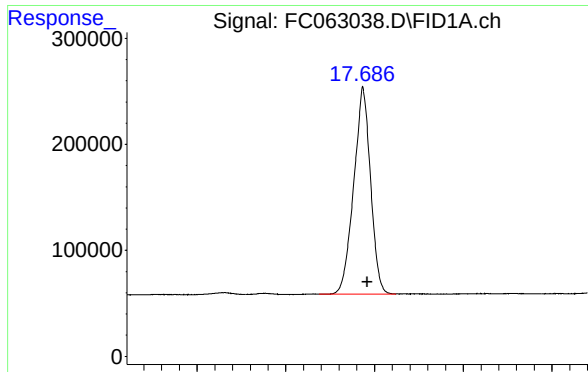
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.007 min
Response: 2374001
Conc: 21.47 ug/ml



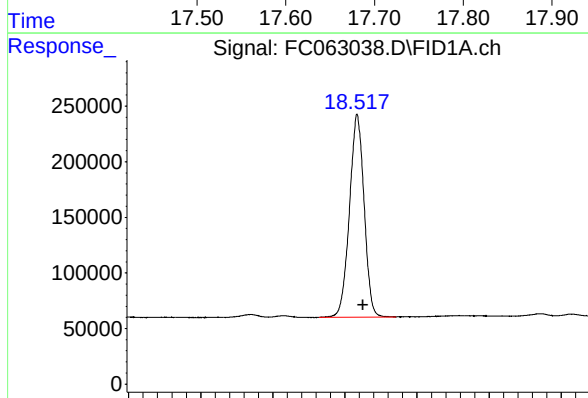
#16 n-Octacosane (C28)

R.T.: 16.800 min
Delta R.T.: -0.006 min
Response: 2453161
Conc: 22.29 ug/ml



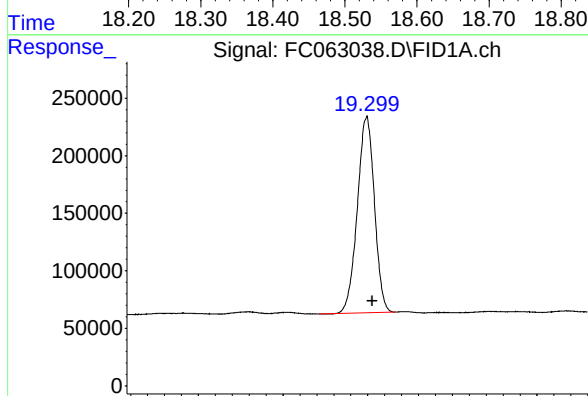
#17 n-Tricontane (C30)

R.T.: 17.687 min
Delta R.T.: -0.005 min
Response: 2557205
Conc: 23.22 ug/ml



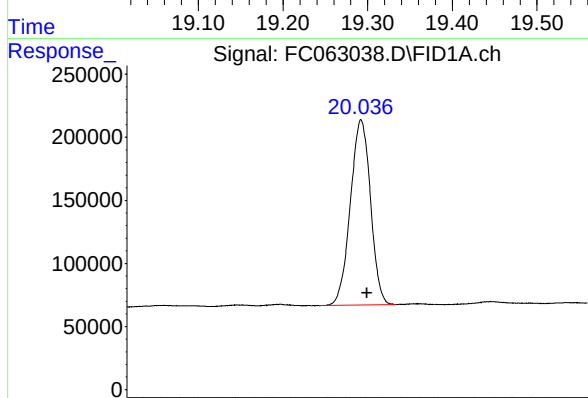
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.008 min
Response: 2575469
Conc: 23.08 ug/ml



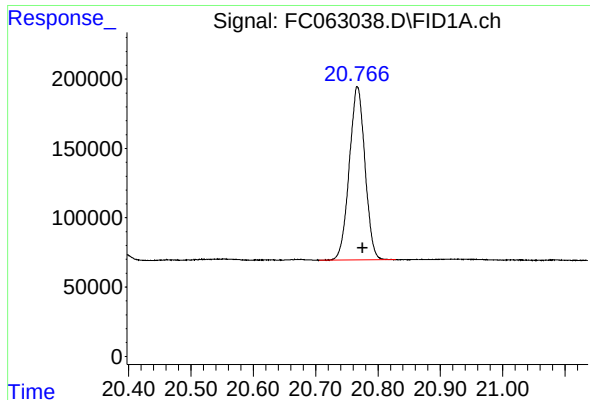
#19 n-Tetratriacontane (C34)

R.T.: 19.299 min
Delta R.T.: -0.007 min
Response: 2390790
Conc: 21.39 ug/ml



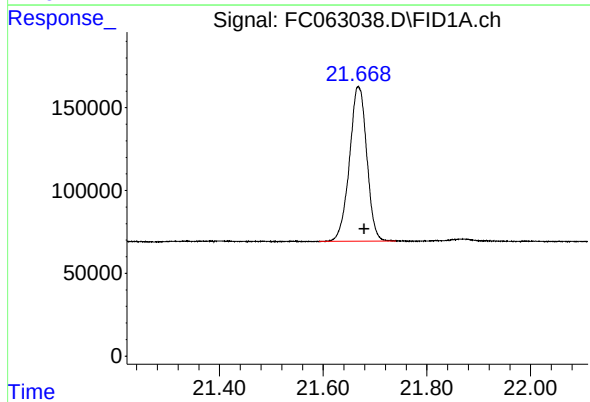
#20 n-Hexatriacontane (C36)

R.T.: 20.036 min
Delta R.T.: -0.007 min
Response: 2224324
Conc: 20.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.767 min
Delta R.T.: -0.008 min
Response: 2183003
Conc: 20.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.668 min
Delta R.T.: -0.011 min
Response: 2160012
Conc: 19.85 ug/ml