

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020823AL\
 Data File : FC062914.D
 Signal(s) : FID1A.ch
 Acq On : 09 Feb 2023 02:27
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 09 03:07:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012623.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 27 04:11:29 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)	11.539	2371505	19.072 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
12) S 1-chlorooctadecane (S...	12.977	1814653	19.240 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.297	2122816	19.642 ug/ml
2) T n-Decane (C10)	4.365	2104428	20.255 ug/ml
3) T A~Naphthalene (C11.7)	5.950	2361955	19.971 ug/ml
4) T n-Dodecane (C12)	6.386	2121809	20.526 ug/ml
5) T A~2-methylnaphthalene...	7.008	2194697	20.059 ug/ml
6) T n-Tetradecane (C14)	8.182	2104832	20.517 ug/ml
7) T n-Hexadecane (C16)	9.783	2143986	19.816 ug/ml
8) T n-Octadecane (C18)	11.225	2162521	19.507 ug/ml
10) T n-Eicosane (C20)	12.534	2110987	19.361 ug/ml
11) T n-Heneicosane (C21)	13.145	2109701	19.383 ug/ml
13) T n-Docosane (C22)	13.730	2133466	19.803 ug/ml
14) T n-Tetracosane (C24)	14.833	2135832	19.943 ug/ml
15) T n-Hexacosane (C26)	15.852	2165718	20.551 ug/ml
16) T n-Octacosane (C28)	16.802	2225598	21.300 ug/ml
17) T n-Tricontane (C30)	17.688	2345401	22.461 ug/ml
18) T n-Dotriacontane (C32)	18.517	2416833	22.375 ug/ml
19) T n-Tetratriacontane (C34)	19.299	2289216	21.779 ug/ml
20) T n-Hexatriacontane (C36)	20.038	2122780	21.079 ug/ml
21) T n-Octatriacontane (C38)	20.768	2087996	20.796 ug/ml
22) T n-Tetracontane (C40)	21.667	2078477	21.564 ug/ml

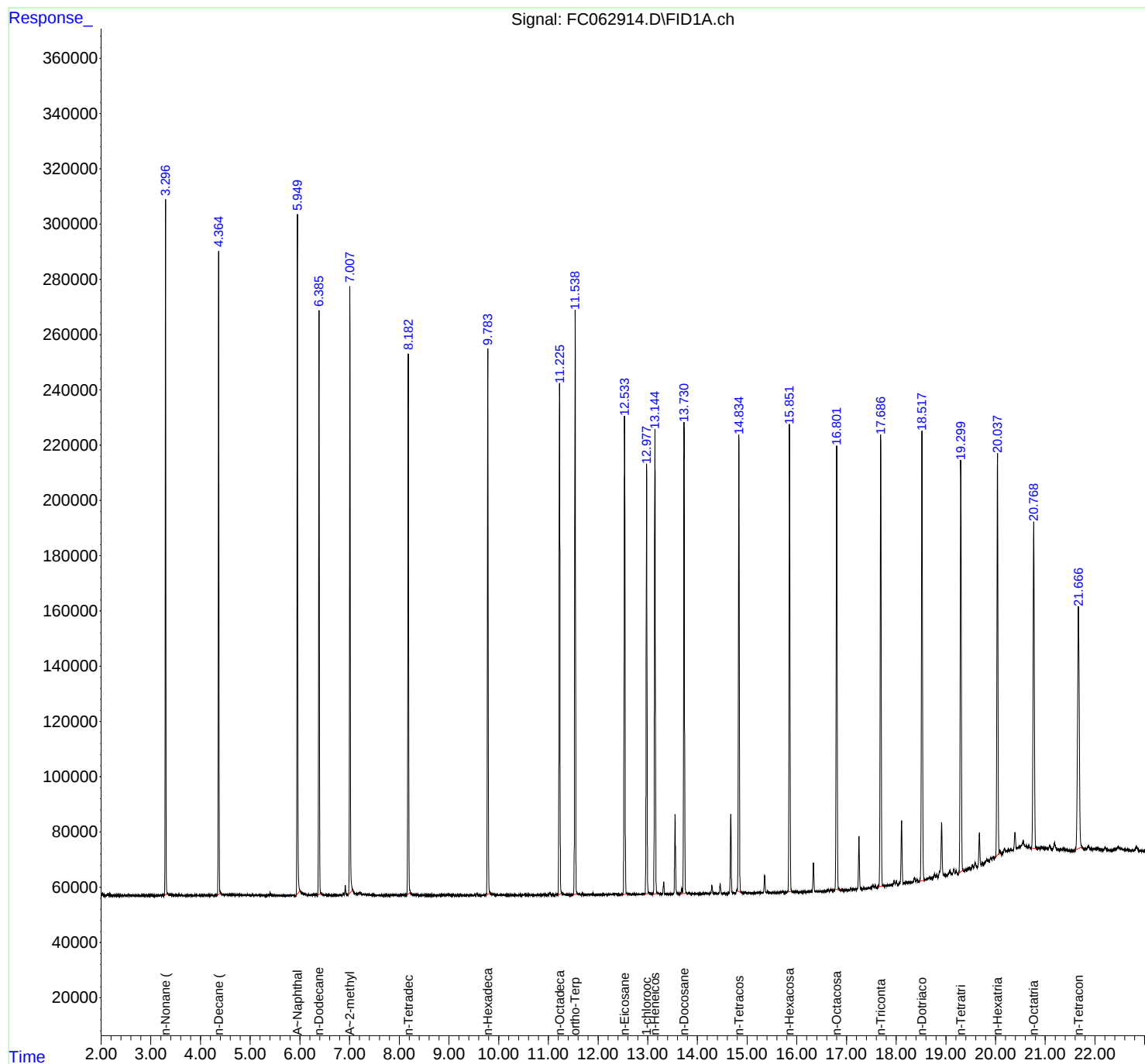
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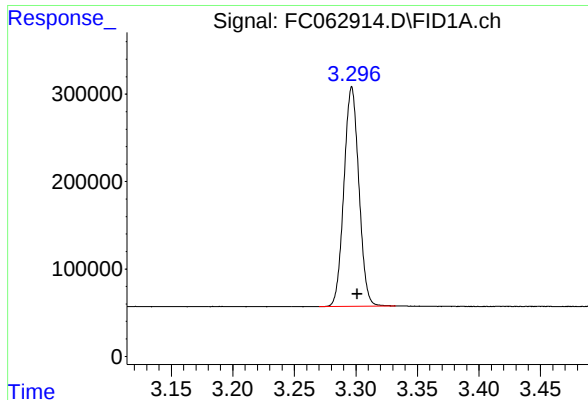
(m)=manual int.

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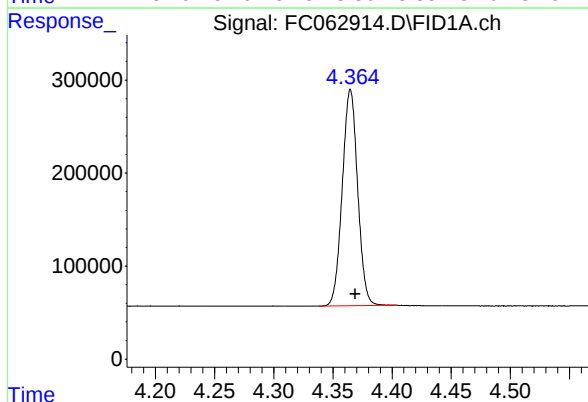
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Signal Info : 20M x 0.18mm x 0.18um





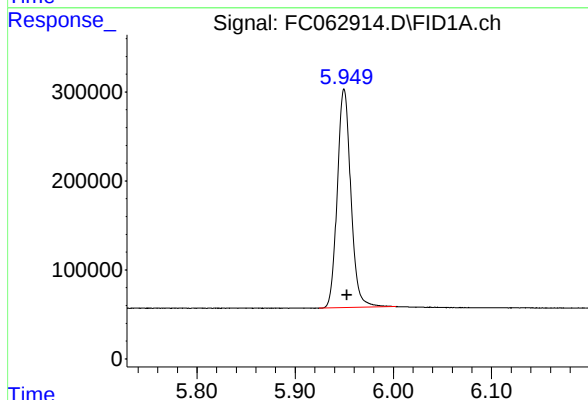
#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.004 min
Response: 2122816
Conc: 19.64 ug/ml



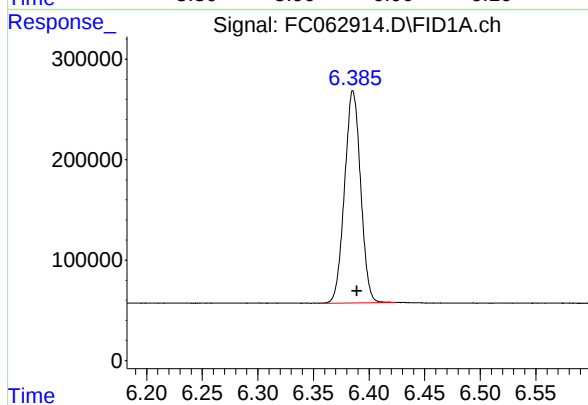
#2 n-Decane (C10)

R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 2104428
Conc: 20.26 ug/ml



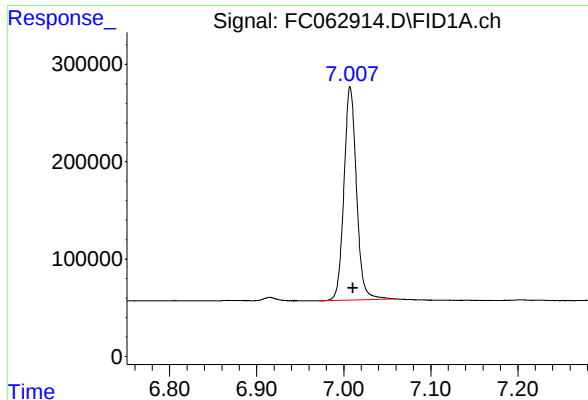
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 2361955
Conc: 19.97 ug/ml



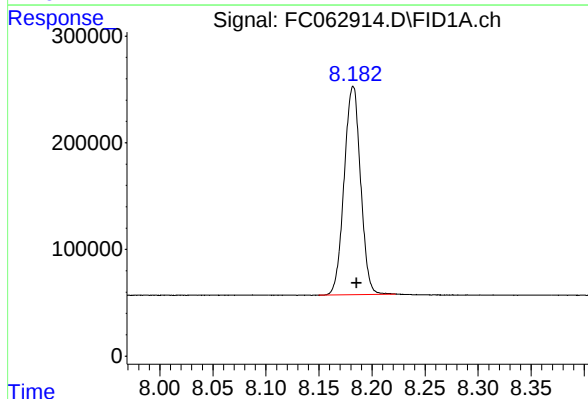
#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: -0.003 min
Response: 2121809
Conc: 20.53 ug/ml



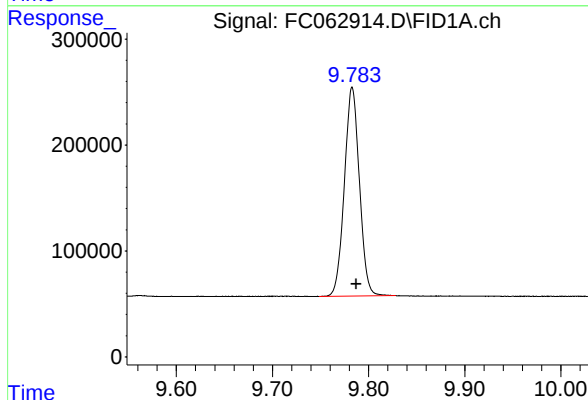
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: -0.003 min
Response: 2194697
Conc: 20.06 ug/ml



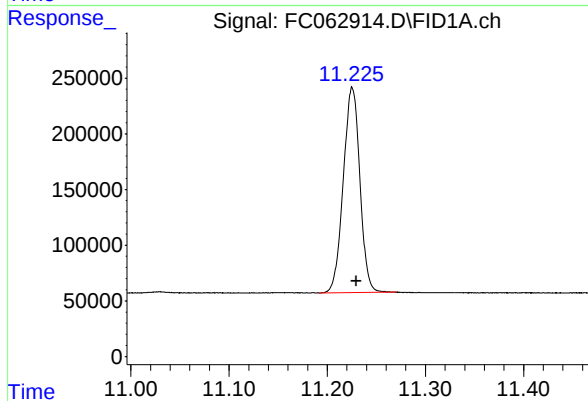
#6 n-Tetradecane (C14)

R.T.: 8.182 min
Delta R.T.: -0.003 min
Response: 2104832
Conc: 20.52 ug/ml



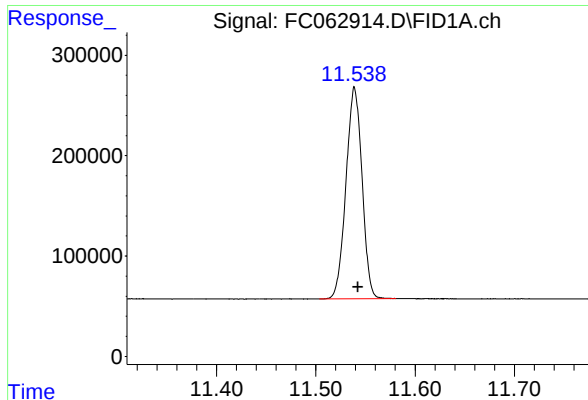
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: -0.004 min
Response: 2143986
Conc: 19.82 ug/ml



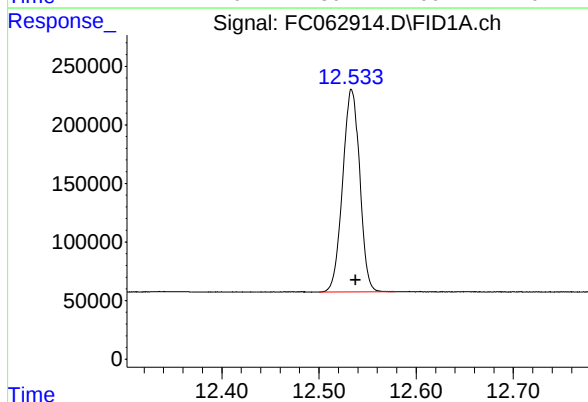
#8 n-Octadecane (C18)

R.T.: 11.225 min
Delta R.T.: -0.004 min
Response: 2162521
Conc: 19.51 ug/ml



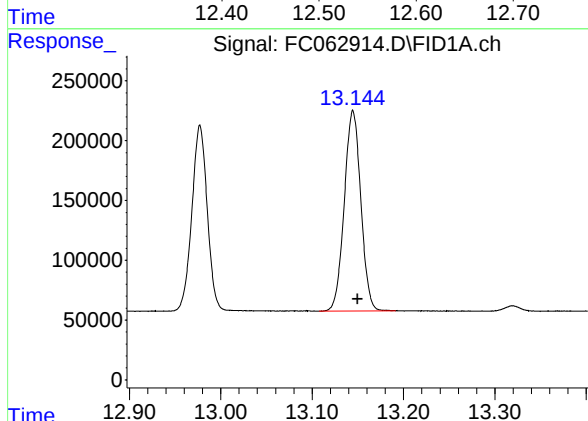
#9 ortho-Terphenyl (SURR)

R.T.: 11.539 min
Delta R.T.: -0.003 min
Response: 2371505
Conc: 19.07 ug/ml



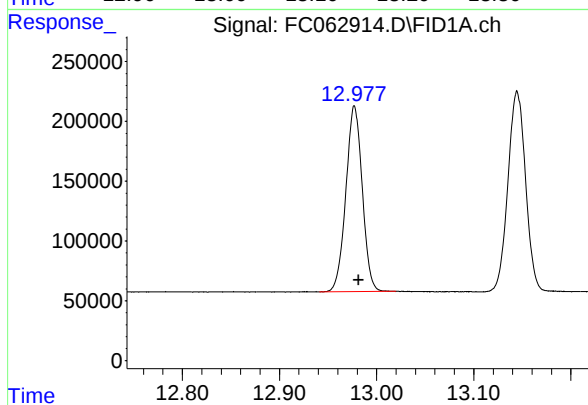
#10 n-Eicosane (C20)

R.T.: 12.534 min
Delta R.T.: -0.004 min
Response: 2110987
Conc: 19.36 ug/ml



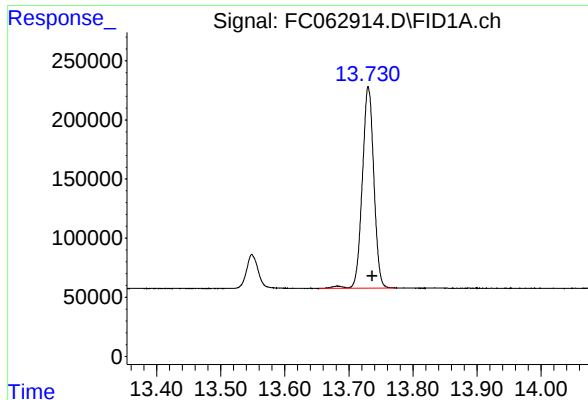
#11 n-Heneicosane (C21)

R.T.: 13.145 min
Delta R.T.: -0.005 min
Response: 2109701
Conc: 19.38 ug/ml



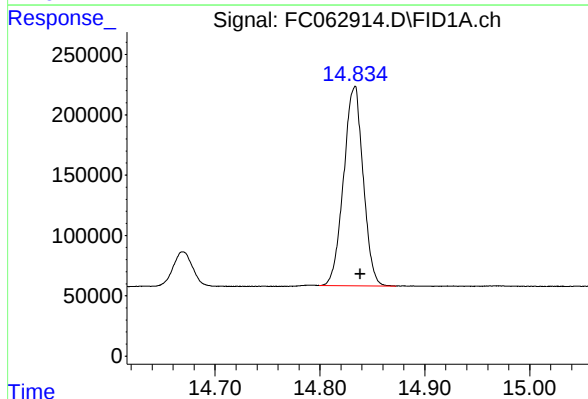
#12 1-chlorooctadecane (SURR)

R.T.: 12.977 min
Delta R.T.: -0.004 min
Response: 1814653
Conc: 19.24 ug/ml



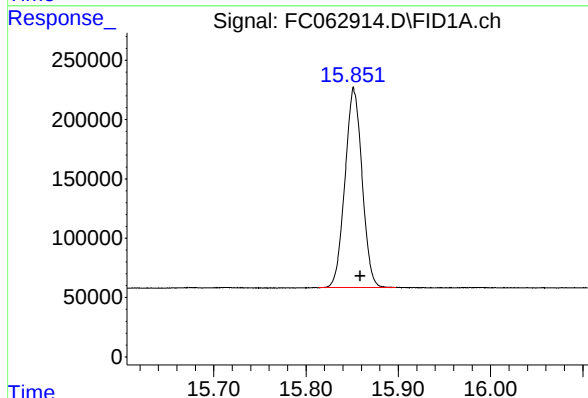
#13 n-Docosane (C22)

R.T.: 13.730 min
Delta R.T.: -0.006 min
Response: 2133466
Conc: 19.80 ug/ml



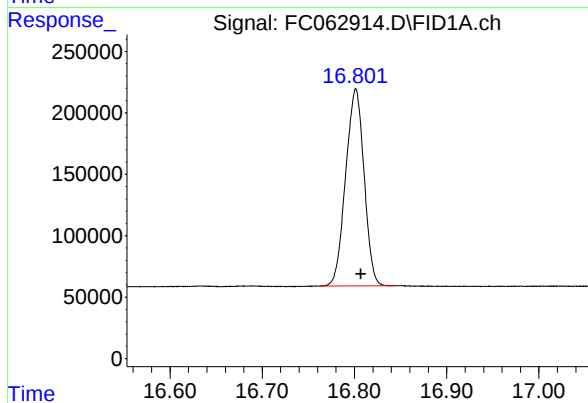
#14 n-Tetracosane (C24)

R.T.: 14.833 min
Delta R.T.: -0.005 min
Response: 2135832
Conc: 19.94 ug/ml



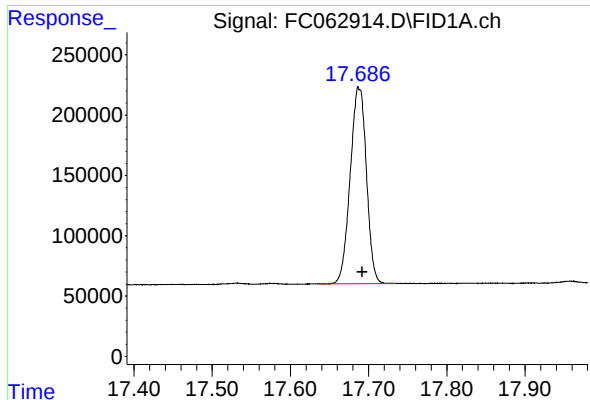
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: -0.007 min
Response: 2165718
Conc: 20.55 ug/ml



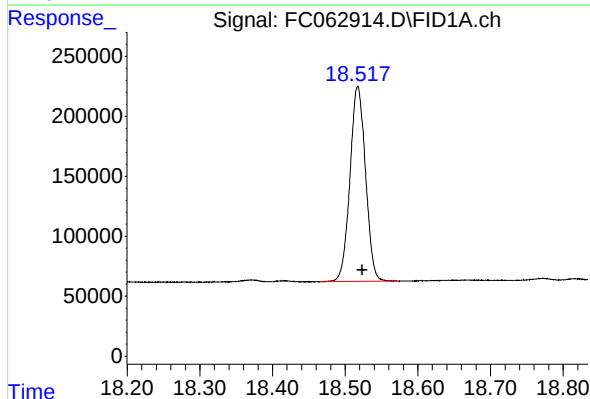
#16 n-Octacosane (C28)

R.T.: 16.802 min
Delta R.T.: -0.005 min
Response: 2225598
Conc: 21.30 ug/ml



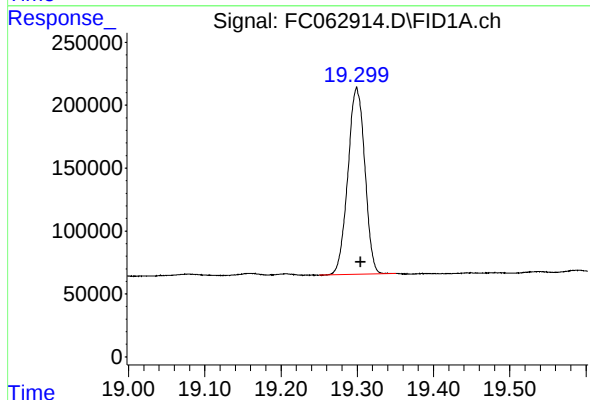
#17 n-Tricontane (C30)

R.T.: 17.688 min
Delta R.T.: -0.004 min
Response: 2345401
Conc: 22.46 ug/ml



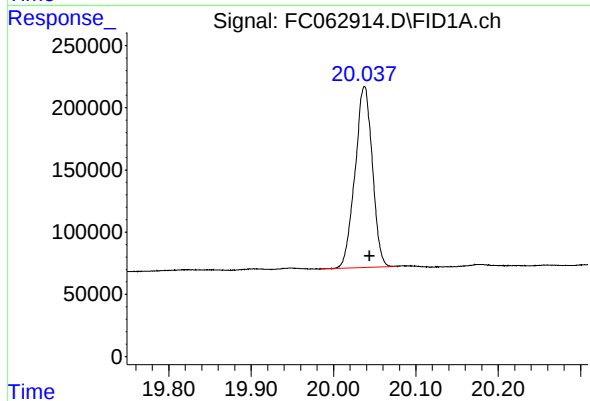
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.006 min
Response: 2416833
Conc: 22.37 ug/ml



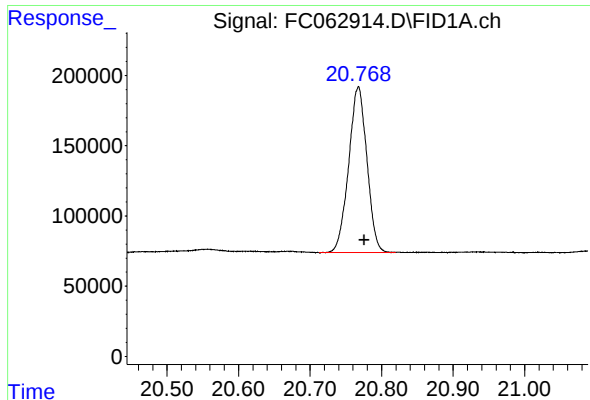
#19 n-Tetatriacontane (C34)

R.T.: 19.299 min
Delta R.T.: -0.005 min
Response: 2289216
Conc: 21.78 ug/ml



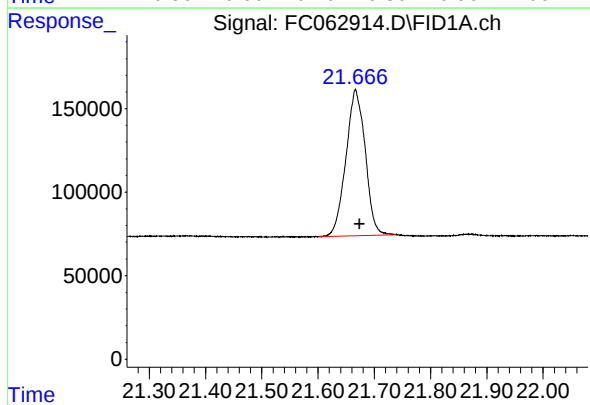
#20 n-Hexatriacontane (C36)

R.T.: 20.038 min
Delta R.T.: -0.006 min
Response: 2122780
Conc: 21.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.768 min
Delta R.T.: -0.008 min
Response: 2087996
Conc: 20.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.667 min
Delta R.T.: -0.007 min
Response: 2078477
Conc: 21.56 ug/ml