

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020223AL\
 Data File : FC062858.D
 Signal(s) : FID1A.ch
 Acq On : 02 Feb 2023 13:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 02 23:38:43 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)	11.540	2487303	20.003 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
12) S 1-chlorooctadecane (S...	12.980	1886656	20.003 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
1) T n-Nonane (C9)	3.300	2195271	20.313 ug/ml
2) T n-Decane (C10)	4.366	2165341	20.841 ug/ml
3) T A~Naphthalene (C11.7)	5.950	2449725	20.713 ug/ml
4) T n-Dodecane (C12)	6.386	2184934	21.136 ug/ml
5) T A~2-methylnaphthalene...	7.008	2285634	20.890 ug/ml
6) T n-Tetradecane (C14)	8.183	2150044	20.957 ug/ml
7) T n-Hexadecane (C16)	9.785	2202994	20.362 ug/ml
8) T n-Octadecane (C18)	11.226	2234105	20.152 ug/ml
10) T n-Eicosane (C20)	12.536	2186636	20.055 ug/ml
11) T n-Heneicosane (C21)	13.146	2179718	20.026 ug/ml
13) T n-Docosane (C22)	13.733	2169329	20.136 ug/ml
14) T n-Tetracosane (C24)	14.835	2175564	20.314 ug/ml
15) T n-Hexacosane (C26)	15.854	2168731	20.580 ug/ml
16) T n-Octacosane (C28)	16.802	2179150	20.855 ug/ml
17) T n-Tricontane (C30)	17.688	2223126	21.290 ug/ml
18) T n-Dotriacontane (C32)	18.518	2255336	20.880 ug/ml
19) T n-Tetratriacontane (C34)	19.300	2204684	20.975 ug/ml
20) T n-Hexatriacontane (C36)	20.038	2091610	20.769 ug/ml
21) T n-Octatriacontane (C38)	20.769	2088213	20.799 ug/ml
22) T n-Tetracontane (C40)	21.669	2094159	21.727 ug/ml

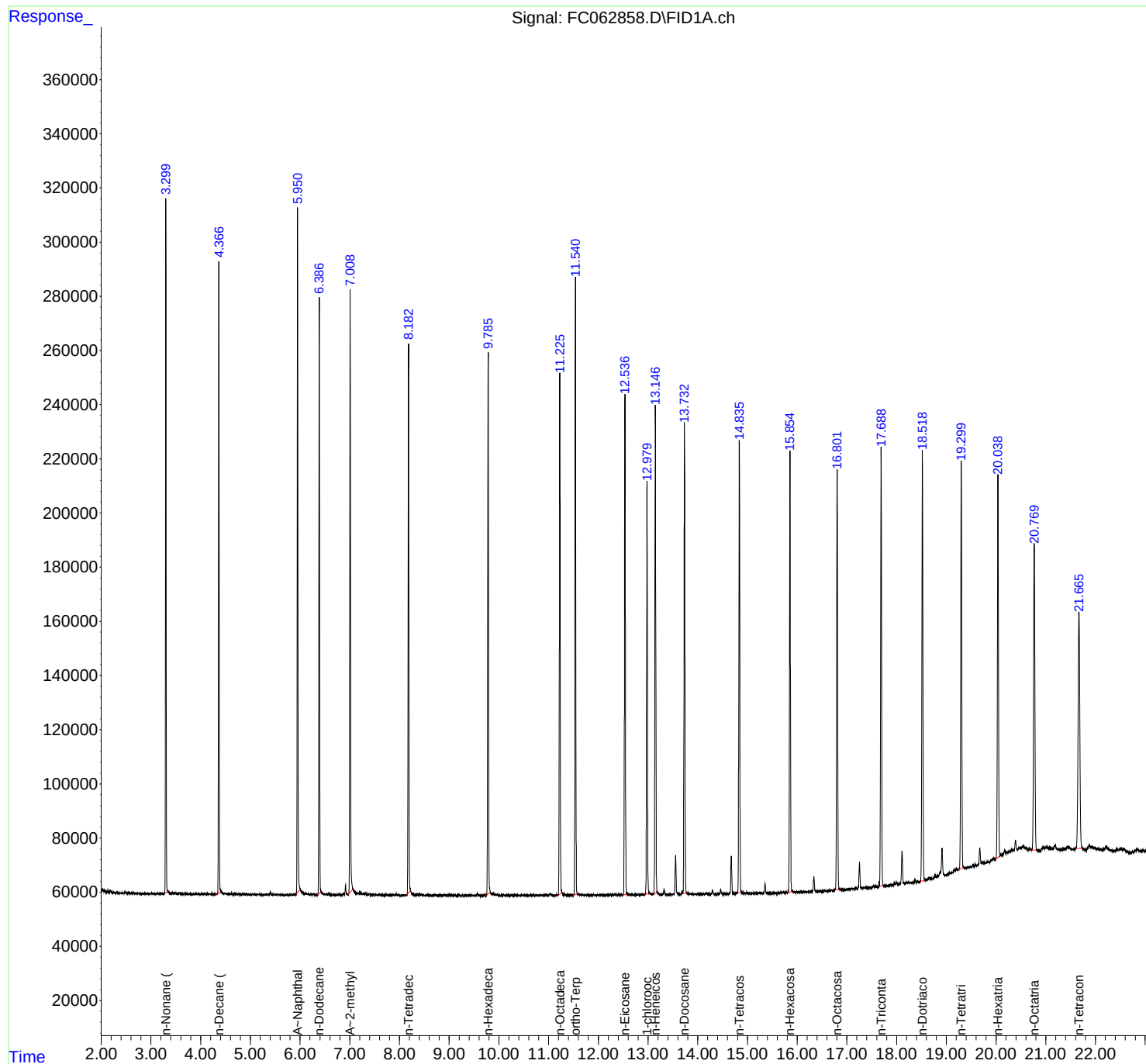
(f)=RT Delta > 1/2 Window

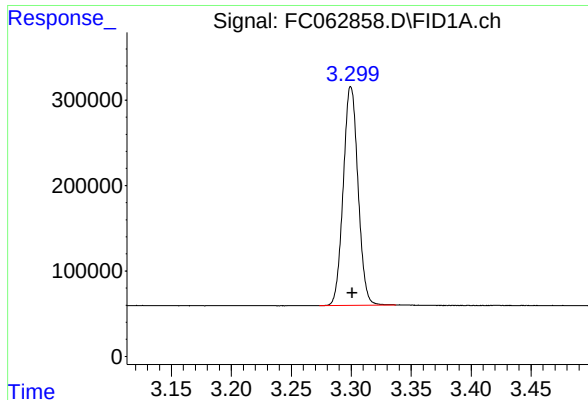
(m)=manual int.

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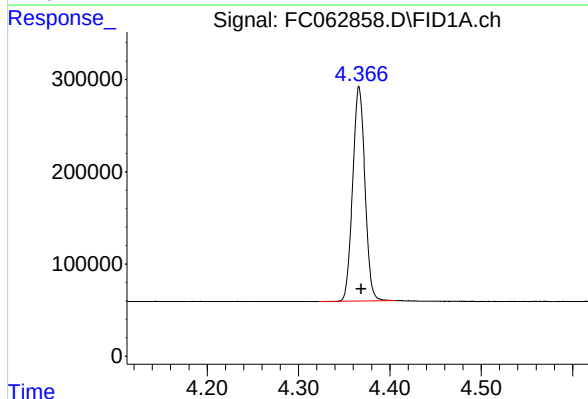
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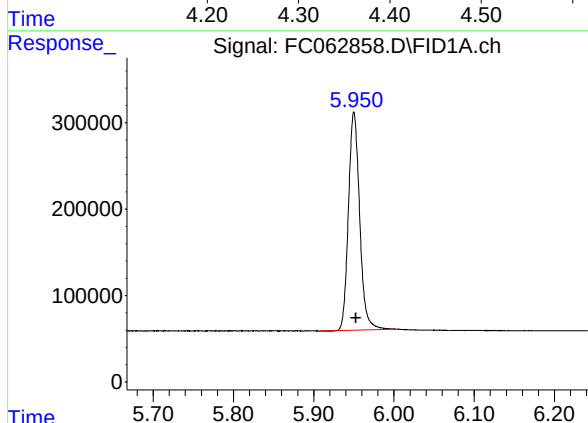
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.001 min
Response: 2195271
Conc: 20.31 ug/ml



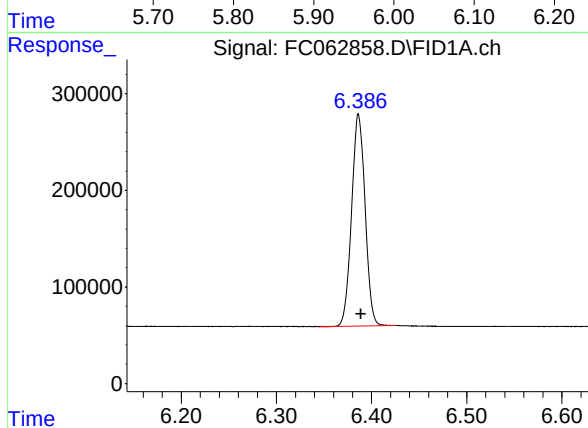
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 2165341
Conc: 20.84 ug/ml



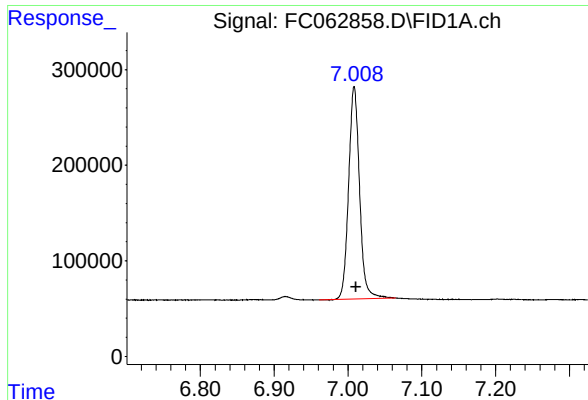
#3 A~Naphthalene (C11.7)

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 2449725
Conc: 20.71 ug/ml



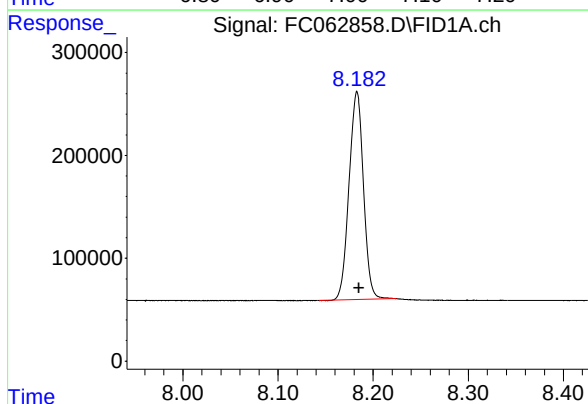
#4 n-Dodecane (C12)

R.T.: 6.386 min
Delta R.T.: -0.003 min
Response: 2184934
Conc: 21.14 ug/ml



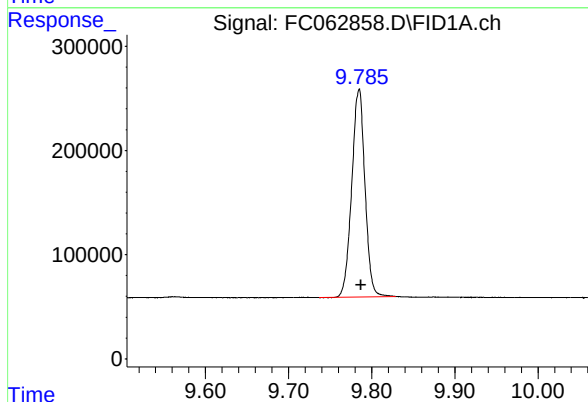
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: -0.002 min
Response: 2285634
Conc: 20.89 ug/ml



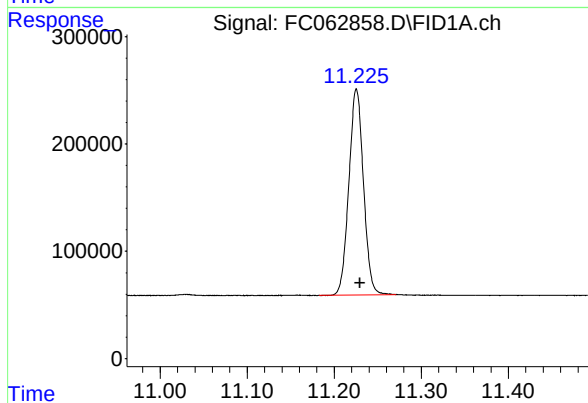
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: -0.002 min
Response: 2150044
Conc: 20.96 ug/ml



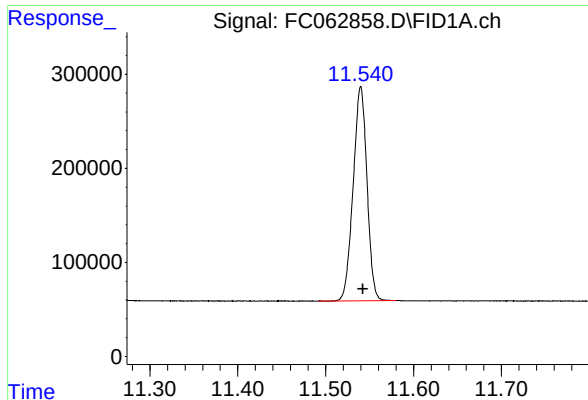
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.002 min
Response: 2202994
Conc: 20.36 ug/ml



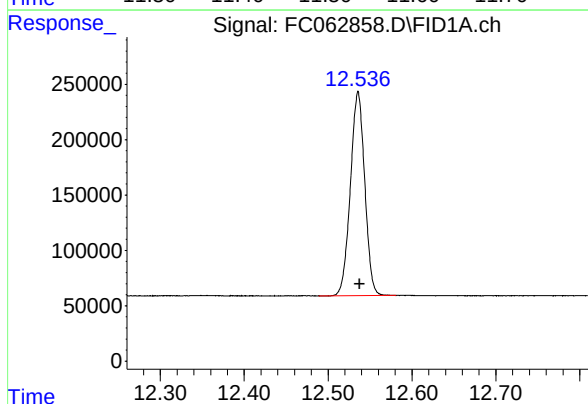
#8 n-Octadecane (C18)

R.T.: 11.226 min
Delta R.T.: -0.004 min
Response: 2234105
Conc: 20.15 ug/ml



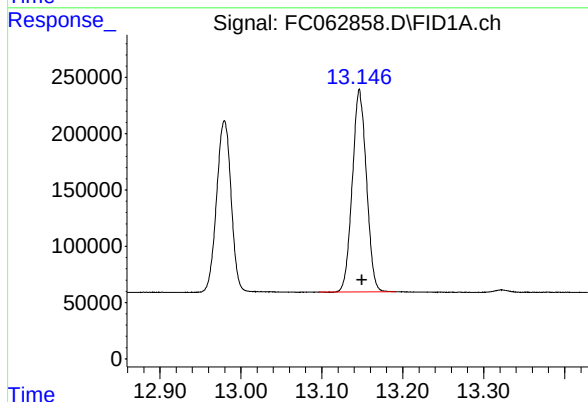
#9 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.003 min
Response: 2487303
Conc: 20.00 ug/ml



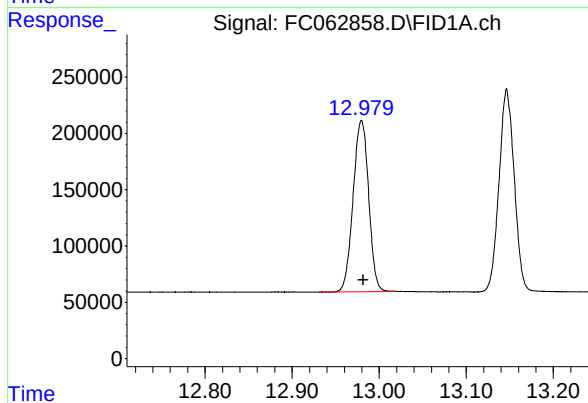
#10 n-Eicosane (C20)

R.T.: 12.536 min
Delta R.T.: -0.002 min
Response: 2186636
Conc: 20.06 ug/ml



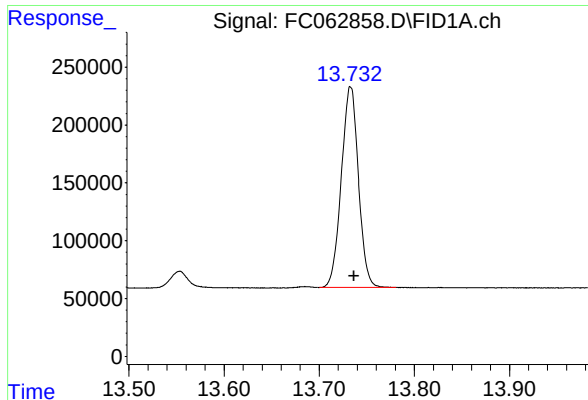
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: -0.003 min
Response: 2179718
Conc: 20.03 ug/ml



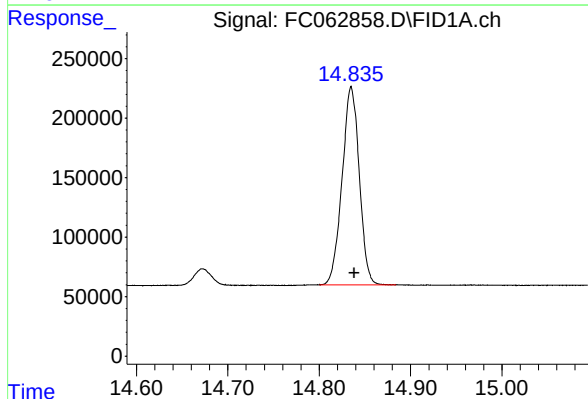
#12 1-chlorooctadecane (SURR)

R.T.: 12.980 min
Delta R.T.: -0.002 min
Response: 1886656
Conc: 20.00 ug/ml



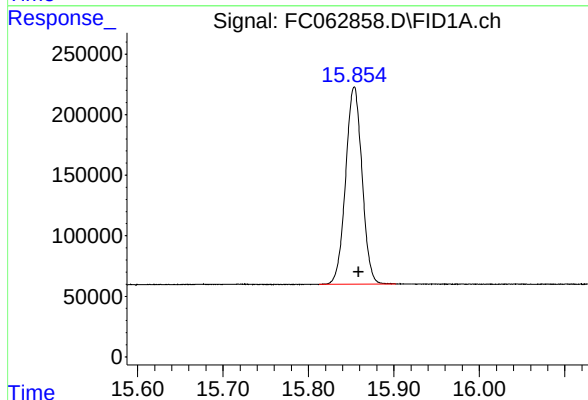
#13 n-Docosane (C22)

R.T.: 13.733 min
Delta R.T.: -0.003 min
Response: 2169329
Conc: 20.14 ug/ml



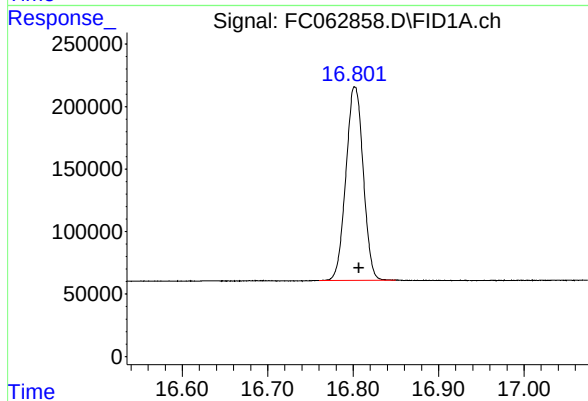
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.004 min
Response: 2175564
Conc: 20.31 ug/ml



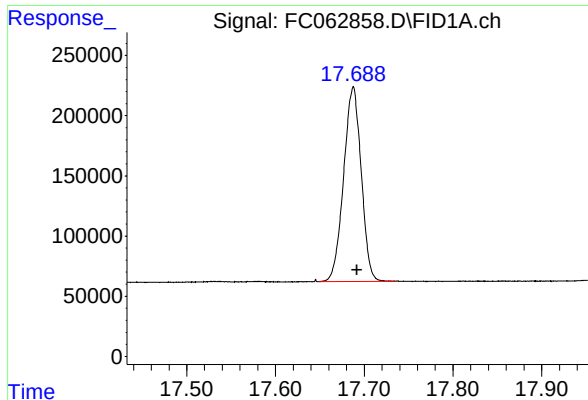
#15 n-Hexacosane (C26)

R.T.: 15.854 min
Delta R.T.: -0.005 min
Response: 2168731
Conc: 20.58 ug/ml



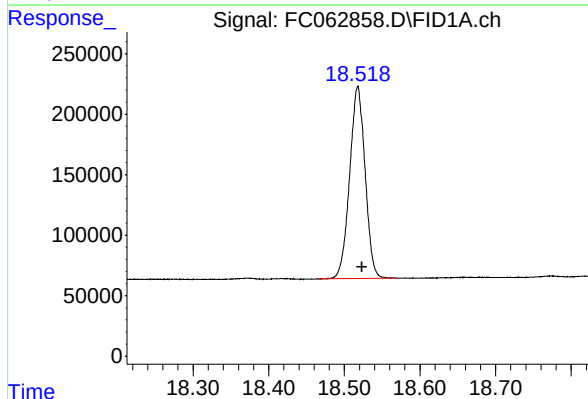
#16 n-Octacosane (C28)

R.T.: 16.802 min
Delta R.T.: -0.005 min
Response: 2179150
Conc: 20.86 ug/ml



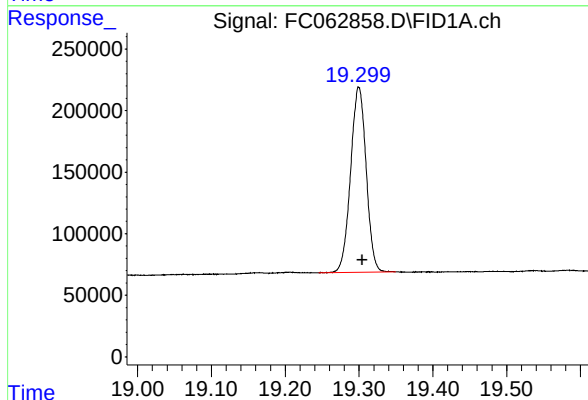
#17 n-Tricontane (C30)

R.T.: 17.688 min
Delta R.T.: -0.004 min
Response: 2223126
Conc: 21.29 ug/ml



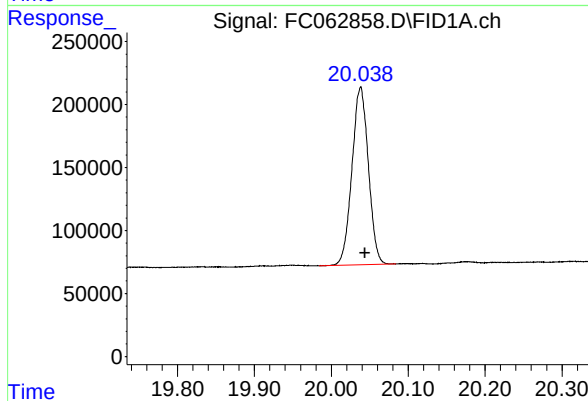
#18 n-Dotriacontane (C32)

R.T.: 18.518 min
Delta R.T.: -0.006 min
Response: 2255336
Conc: 20.88 ug/ml



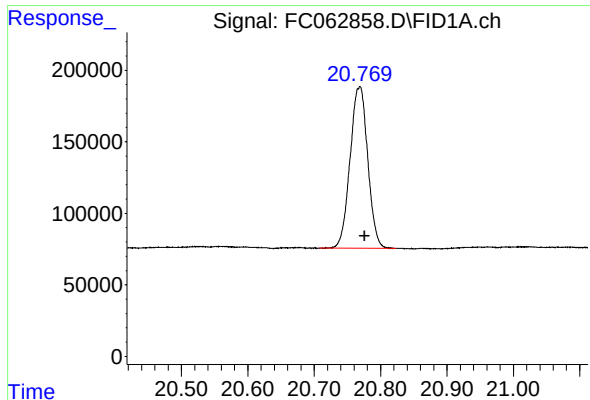
#19 n-Tetatriacontane (C34)

R.T.: 19.300 min
Delta R.T.: -0.005 min
Response: 2204684
Conc: 20.97 ug/ml



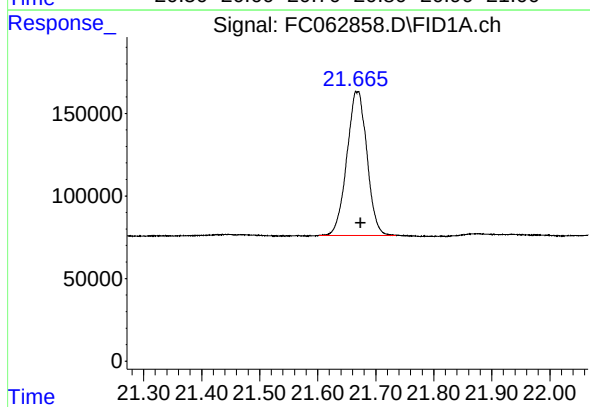
#20 n-Hexatriacontane (C36)

R.T.: 20.038 min
Delta R.T.: -0.006 min
Response: 2091610
Conc: 20.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.769 min
Delta R.T.: -0.007 min
Response: 2088213
Conc: 20.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.669 min
Delta R.T.: -0.005 min
Response: 2094159
Conc: 21.73 ug/ml