

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040320AL\
 Data File : FC046635.D
 Signal(s) : FID1A.CH
 Acq On : 03 Apr 2020 21:45
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 04 01:38:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.763	2202602	20.149 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
12) S 1-chlorooctadecane (S...	13.180	1709571	19.838 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
Target Compounds			
1) T n-Nonane (C9)	3.544	2103168	21.900 ug/ml
2) T n-Decane (C10)	4.612	2125878	22.134 ug/ml
3) T A~Naphthalene (C11.7)	6.213	2249307	22.449 ug/ml
4) T n-Dodecane (C12)	6.620	2149185	22.018 ug/ml
5) T A~2-methylnaphthalene...	7.264	2240560	22.162 ug/ml
6) T n-Tetradecane (C14)	8.403	2129421	21.625 ug/ml
7) T n-Hexadecane (C16)	9.995	2116626	21.202 ug/ml
8) T n-Octadecane (C18)	11.430	2098136	20.672 ug/ml
10) T n-Eicosane (C20)	12.732	2057611	20.127 ug/ml
11) T n-Heneicosane (C21)	13.341	2045660	19.841 ug/ml
13) T n-Docosane (C22)	13.925	2013801	19.617 ug/ml
14) T n-Tetracosane (C24)	15.023	1971313	19.097 ug/ml
15) T n-Hexacosane (C26)	16.038	1922694	18.740 ug/ml
16) T n-Octacosane (C28)	16.985	1889658	18.567 ug/ml
17) T n-Tricontane (C30)	17.869	1829437	18.673 ug/ml
18) T n-Dotriacontane (C32)	18.697	1566862	18.689 ug/ml
19) T n-Tetratriacontane (C34)	19.476	1388797	19.384 ug/ml
20) T n-Hexatriacontane (C36)	20.213	1432158	20.444 ug/mlm
21) T n-Octatriacontane (C38)	20.975	1234439	19.562 ug/mlm
22) T n-Tetracontane (C40)	21.943	1399283	20.221 ug/mlm

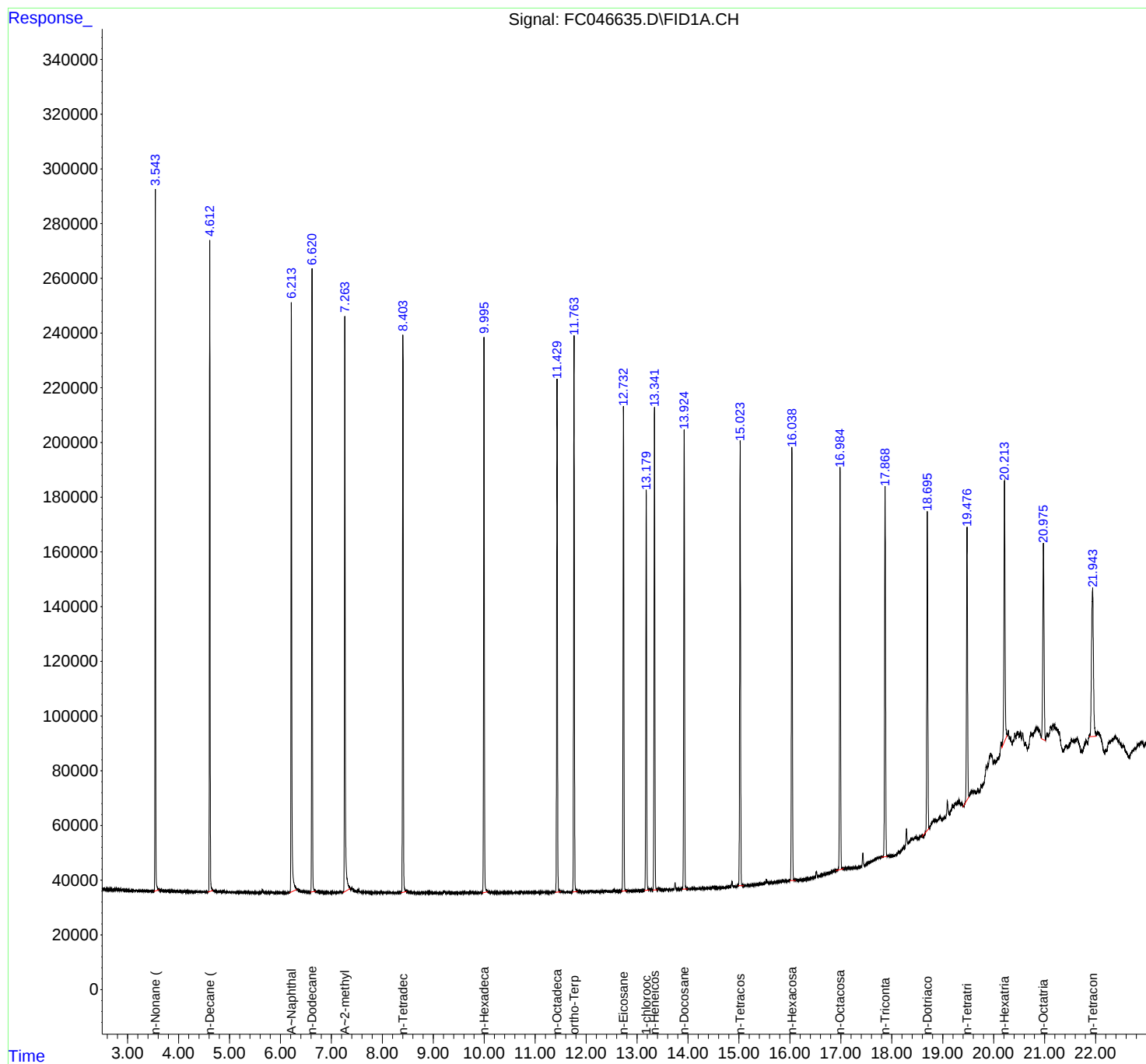
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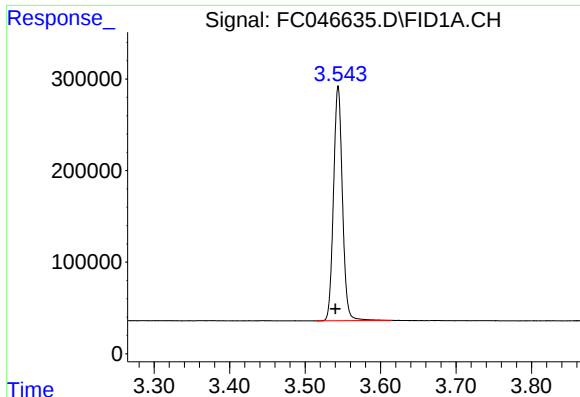
(m)=manual int.

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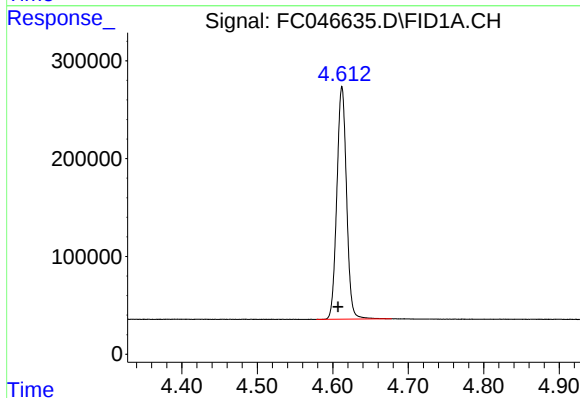
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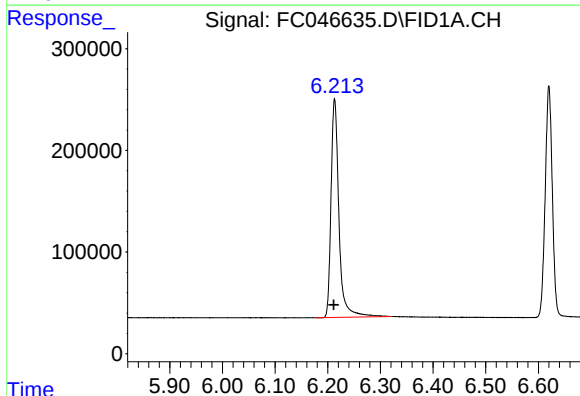
#1 n-Nonane (C9)

R.T.: 3.544 min
Delta R.T.: 0.004 min
Response: 2103168
Conc: 21.90 ug/ml



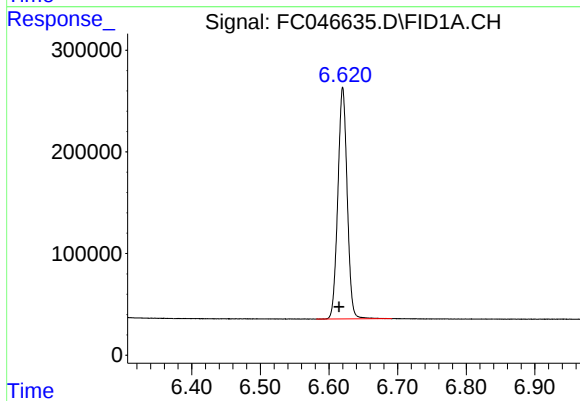
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: 0.005 min
Response: 2125878
Conc: 22.13 ug/ml



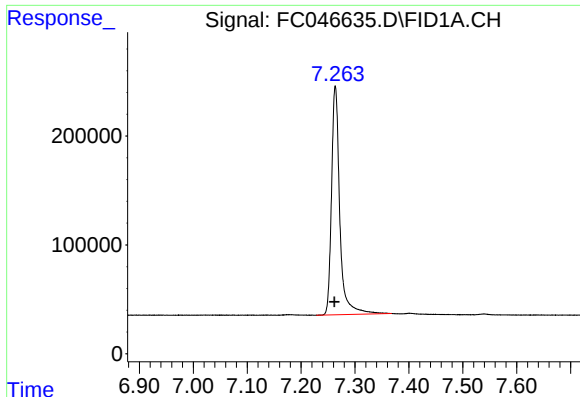
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: 0.002 min
Response: 2249307
Conc: 22.45 ug/ml



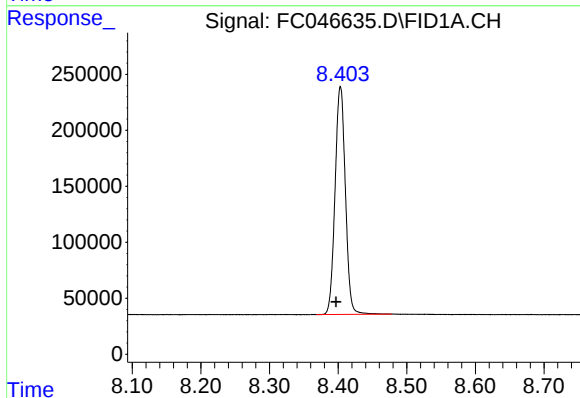
#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: 0.006 min
Response: 2149185
Conc: 22.02 ug/ml



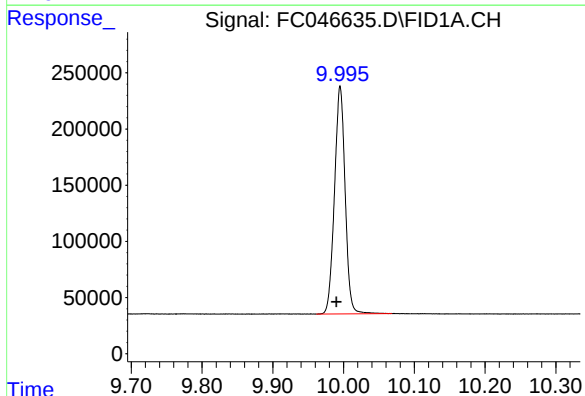
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.264 min
Delta R.T.: 0.002 min
Response: 2240560
Conc: 22.16 ug/ml



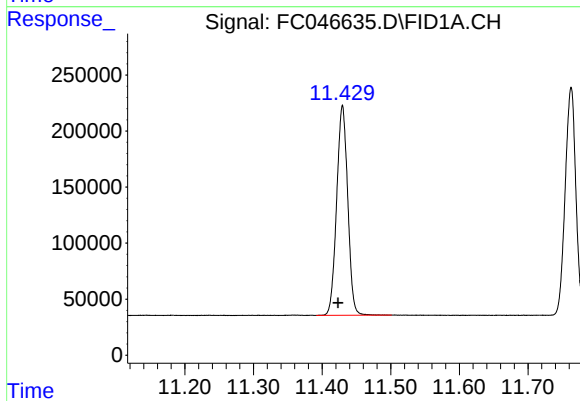
#6 n-Tetradecane (C14)

R.T.: 8.403 min
Delta R.T.: 0.006 min
Response: 2129421
Conc: 21.63 ug/ml



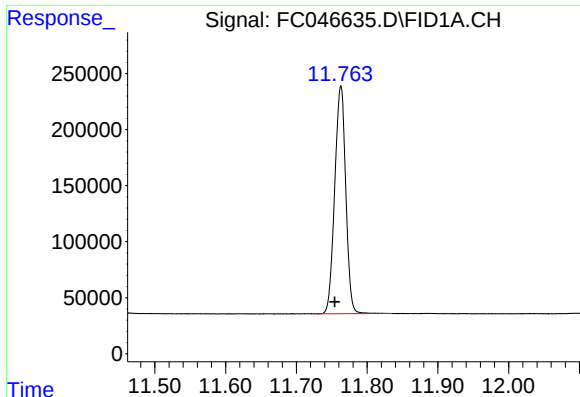
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: 0.005 min
Response: 2116626
Conc: 21.20 ug/ml



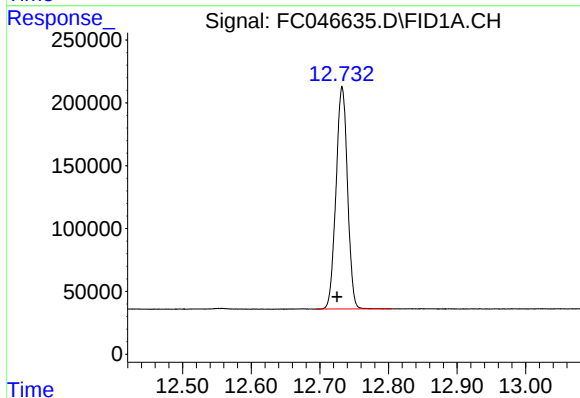
#8 n-Octadecane (C18)

R.T.: 11.430 min
Delta R.T.: 0.006 min
Response: 2098136
Conc: 20.67 ug/ml



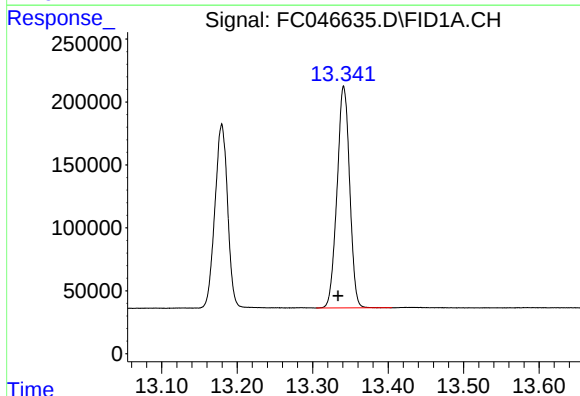
#9 ortho-Terphenyl (SURR)

R.T.: 11.763 min
Delta R.T.: 0.008 min
Response: 2202602
Conc: 20.15 ug/ml



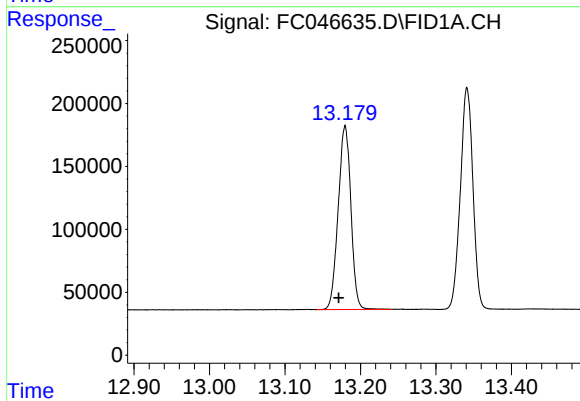
#10 n-Eicosane (C20)

R.T.: 12.732 min
Delta R.T.: 0.007 min
Response: 2057611
Conc: 20.13 ug/ml



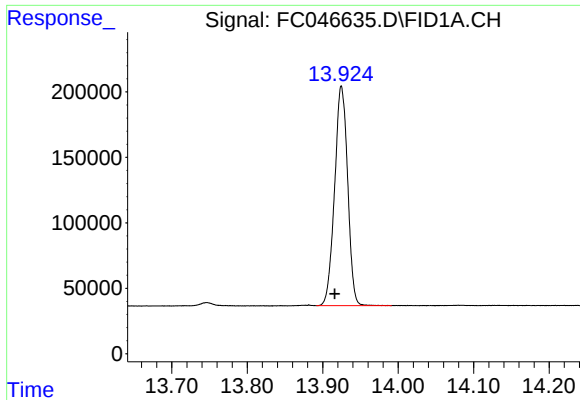
#11 n-Heneicosane (C21)

R.T.: 13.341 min
Delta R.T.: 0.008 min
Response: 2045660
Conc: 19.84 ug/ml



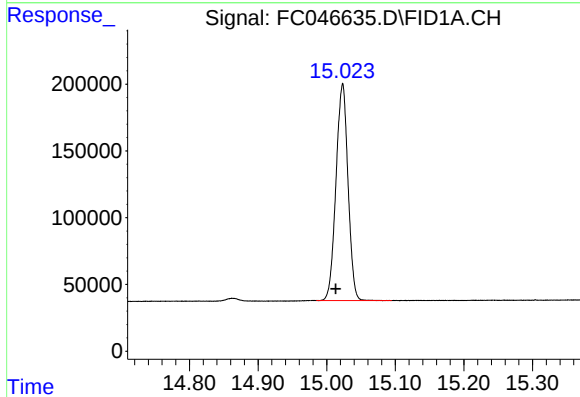
#12 1-chlorooctadecane (SURR)

R.T.: 13.180 min
Delta R.T.: 0.008 min
Response: 1709571
Conc: 19.84 ug/ml



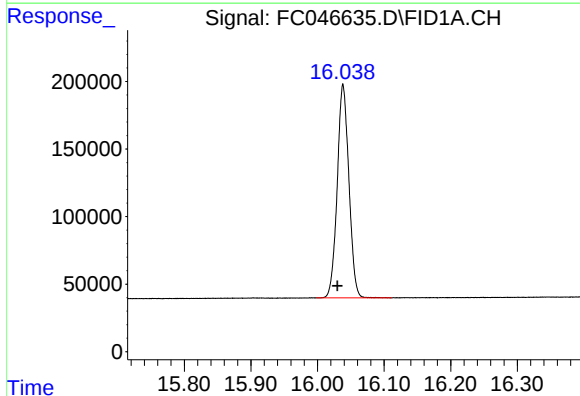
#13 n-Docosane (C22)

R.T.: 13.925 min
Delta R.T.: 0.009 min
Response: 2013801
Conc: 19.62 ug/ml



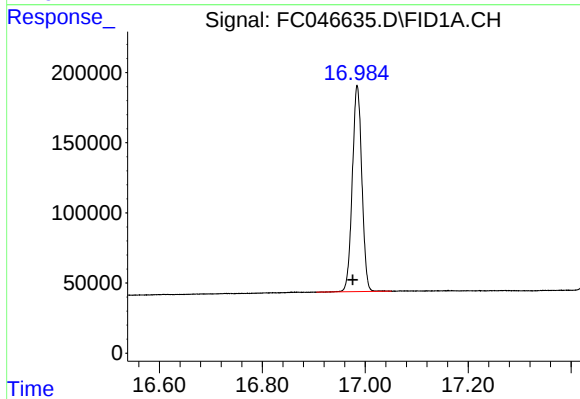
#14 n-Tetracosane (C24)

R.T.: 15.023 min
Delta R.T.: 0.010 min
Response: 1971313
Conc: 19.10 ug/ml



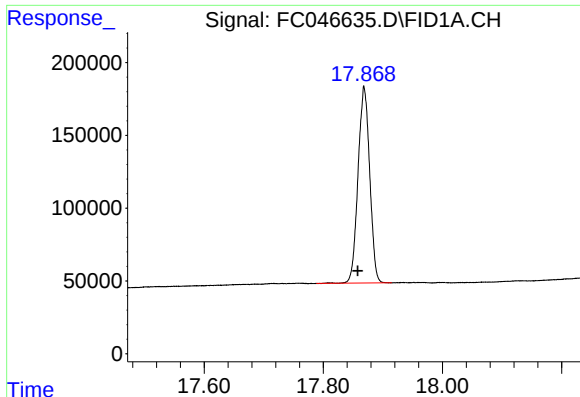
#15 n-Hexacosane (C26)

R.T.: 16.038 min
Delta R.T.: 0.009 min
Response: 1922694
Conc: 18.74 ug/ml



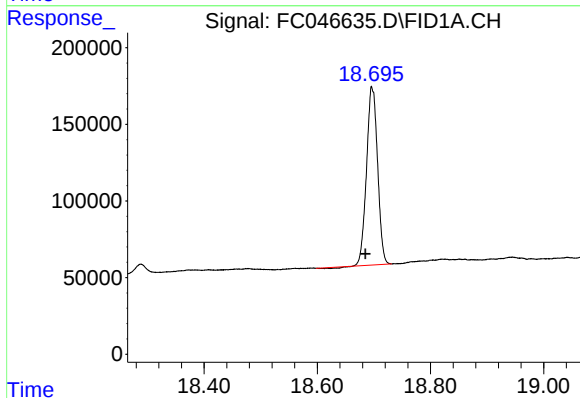
#16 n-Octacosane (C28)

R.T.: 16.985 min
Delta R.T.: 0.009 min
Response: 1889658
Conc: 18.57 ug/ml



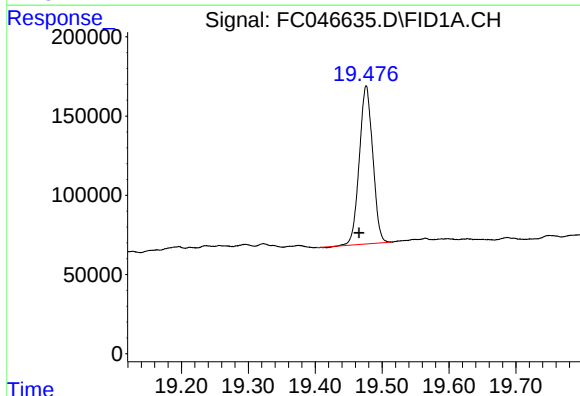
#17 n-Tricontane (C30)

R.T.: 17.869 min
Delta R.T.: 0.011 min
Response: 1829437
Conc: 18.67 ug/ml



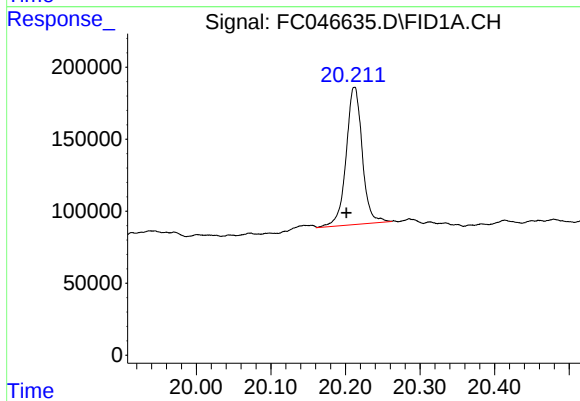
#18 n-Dotriacontane (C32)

R.T.: 18.697 min
Delta R.T.: 0.012 min
Response: 1566862
Conc: 18.69 ug/ml



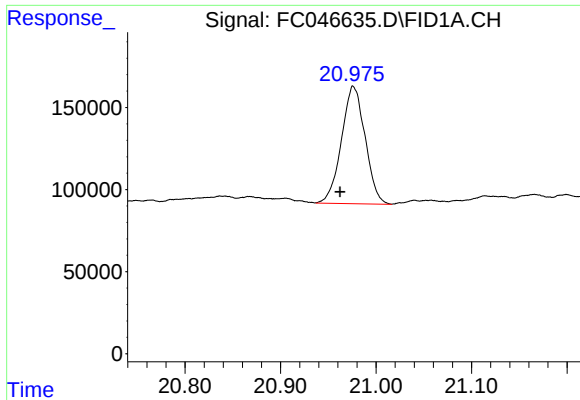
#19 n-Tetratriacontane (C34)

R.T.: 19.476 min
Delta R.T.: 0.011 min
Response: 1388797
Conc: 19.38 ug/ml



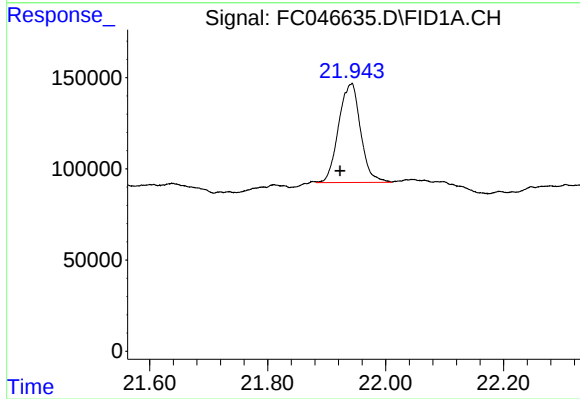
#20 n-Hexatriacontane (C36)

R.T.: 20.213 min
Delta R.T.: 0.011 min
Response: 1432158
Conc: 20.44 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.975 min
Delta R.T.: 0.013 min
Response: 1234439
Conc: 19.56 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.943 min
Delta R.T.: 0.021 min
Response: 1399283
Conc: 20.22 ug/ml m