

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110620AL\
 Data File : FC050631.D
 Signal(s) : FID1A.CH
 Acq On : 06 Nov 2020 13:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 06 15:35:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 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)	11.620	2172176	17.685 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
12) S 1-chlorooctadecane (S...	13.054	1699408	17.601 ug/ml
Spiked Amount 50.000		Recovery =	35.20%
Target Compounds			
1) T n-Nonane (C9)	3.366	2141123	20.122 ug/ml
2) T n-Decane (C10)	4.436	2146419	20.182 ug/ml
3) T A~Naphthalene (C11.7)	6.031	2274608	19.752 ug/ml
4) T n-Dodecane (C12)	6.457	2178802	20.095 ug/ml
5) T A~2-methylnaphthalene...	7.090	2273602	19.817 ug/ml
6) T n-Tetradecane (C14)	8.254	2148784	19.922 ug/ml
7) T n-Hexadecane (C16)	9.856	2091040	19.643 ug/ml
8) T n-Octadecane (C18)	11.299	2126635	18.905 ug/ml
10) T n-Eicosane (C20)	12.609	2071292	18.148 ug/ml
11) T n-Heneicosane (C21)	13.220	2027726	17.774 ug/ml
13) T n-Docosane (C22)	13.806	1992163	17.456 ug/ml
14) T n-Tetracosane (C24)	14.909	1923430	16.843 ug/ml
15) T n-Hexacosane (C26)	15.928	1859563	16.401 ug/ml
16) T n-Octacosane (C28)	16.878	1838626	16.204 ug/ml
17) T n-Tricontane (C30)	17.766	1811835	16.296 ug/ml
18) T n-Dotriacontane (C32)	18.597	1724384	16.715 ug/ml
19) T n-Tetratriacontane (C34)	19.380	1625234	16.890 ug/ml
20) T n-Hexatriacontane (C36)	20.118	1607175	17.889 ug/mlm
21) T n-Octatriacontane (C38)	20.860	1531200	18.416 ug/mlm
22) T n-Tetracontane (C40)	21.789	1664518	19.891 ug/mlm

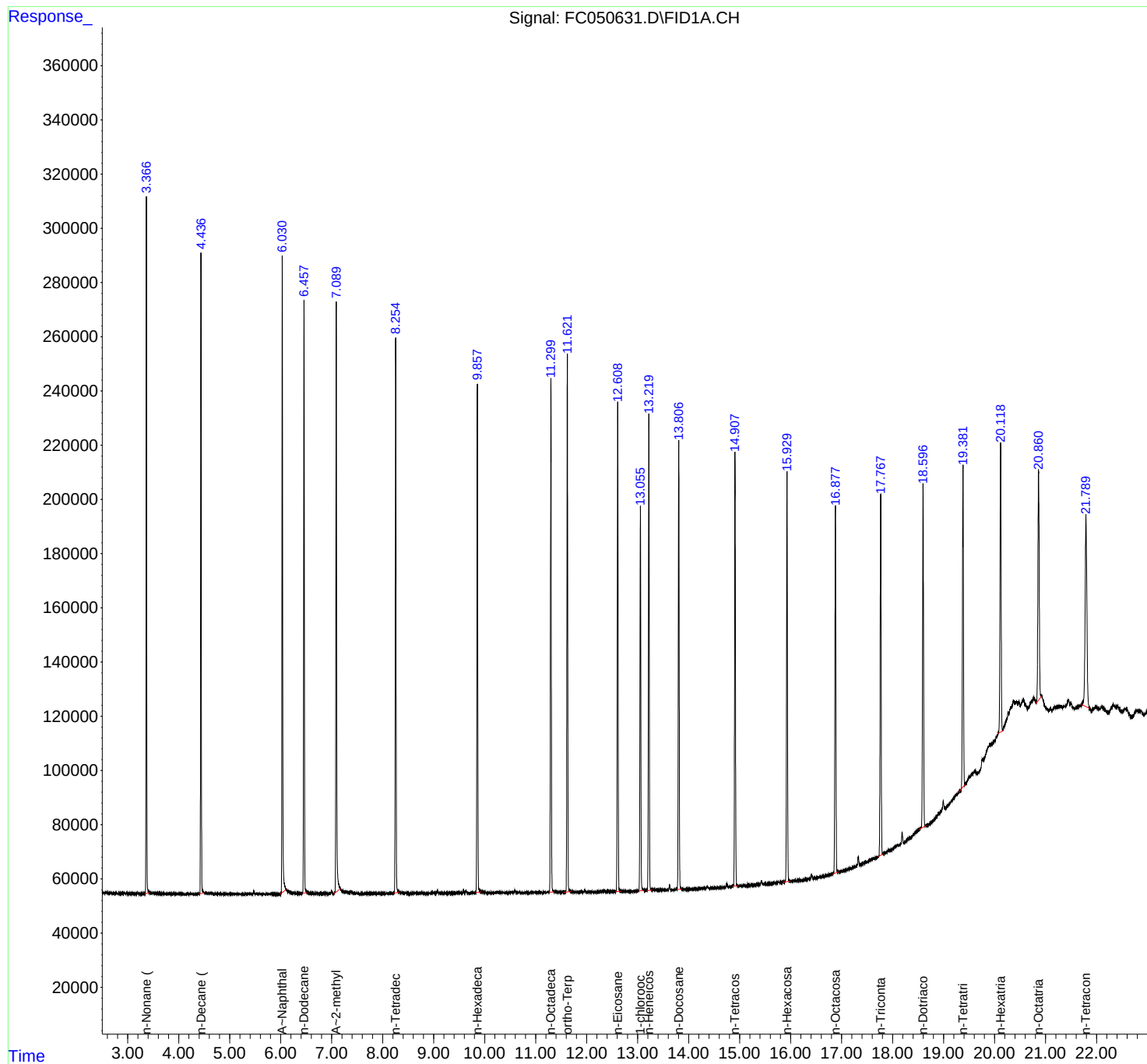
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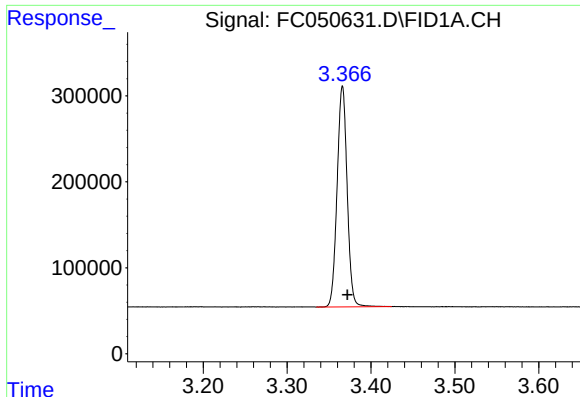
(m)=manual int.

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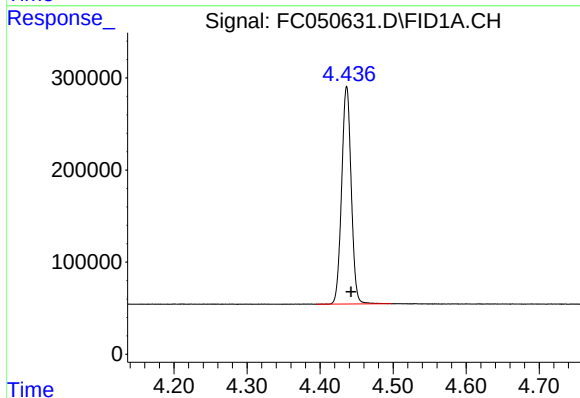
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





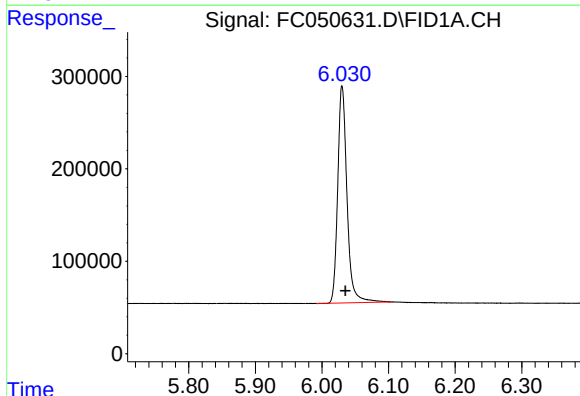
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.006 min
Response: 2141123
Conc: 20.12 ug/ml



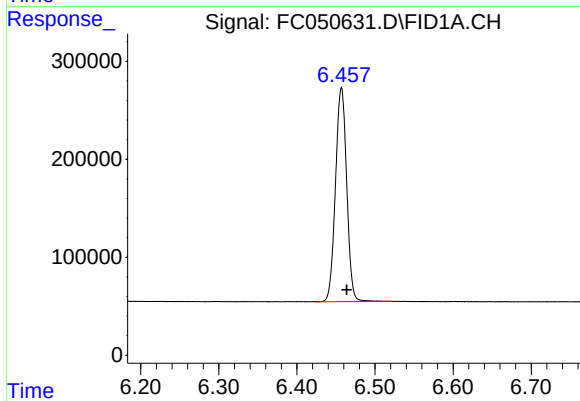
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: -0.006 min
Response: 2146419
Conc: 20.18 ug/ml



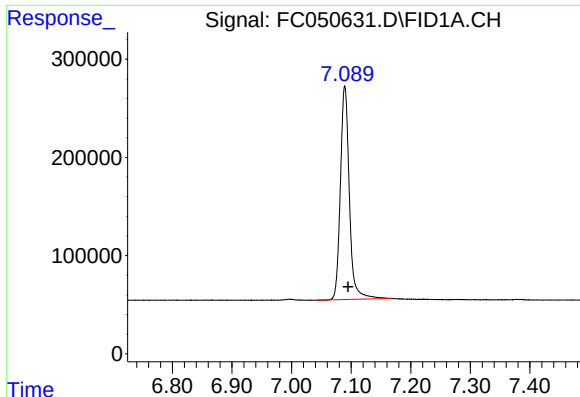
#3 A~Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.005 min
Response: 2274608
Conc: 19.75 ug/ml



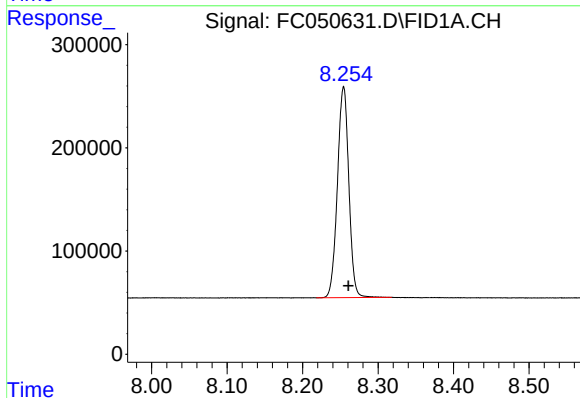
#4 n-Dodecane (C12)

R.T.: 6.457 min
Delta R.T.: -0.007 min
Response: 2178802
Conc: 20.10 ug/ml



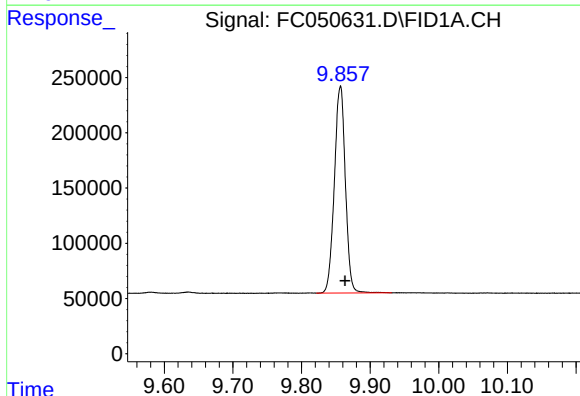
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.090 min
Delta R.T.: -0.005 min
Response: 2273602
Conc: 19.82 ug/ml



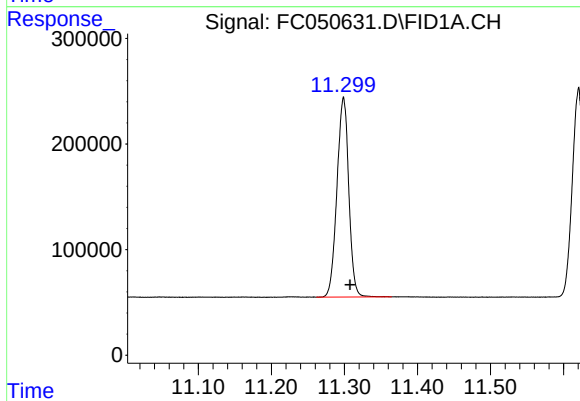
#6 n-Tetradecane (C14)

R.T.: 8.254 min
Delta R.T.: -0.007 min
Response: 2148784
Conc: 19.92 ug/ml



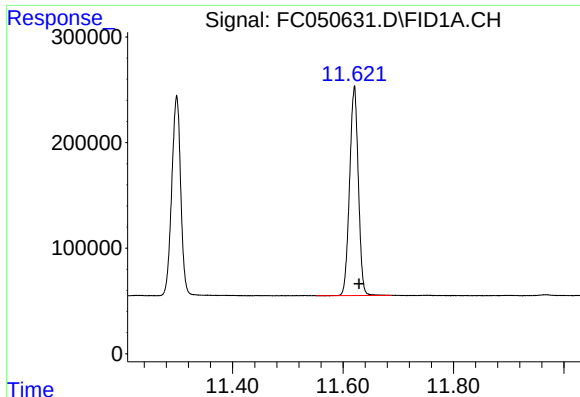
#7 n-Hexadecane (C16)

R.T.: 9.856 min
Delta R.T.: -0.007 min
Response: 2091040
Conc: 19.64 ug/ml



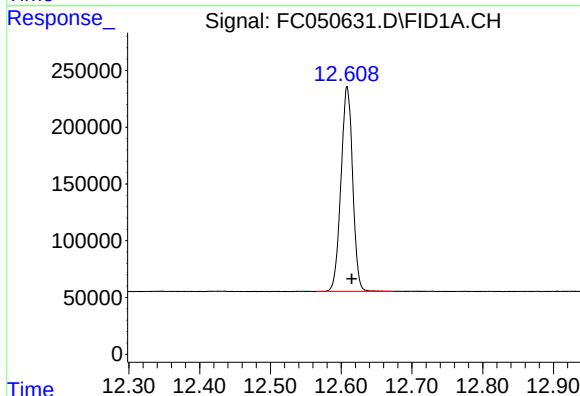
#8 n-Octadecane (C18)

R.T.: 11.299 min
Delta R.T.: -0.009 min
Response: 2126635
Conc: 18.91 ug/ml



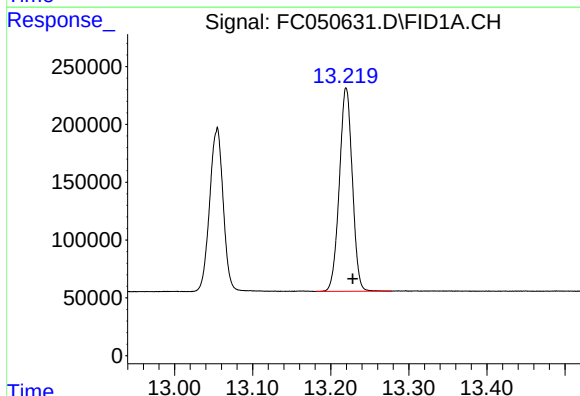
#9 ortho-Terphenyl (SURR)

R.T.: 11.620 min
Delta R.T.: -0.009 min
Response: 2172176
Conc: 17.68 ug/ml



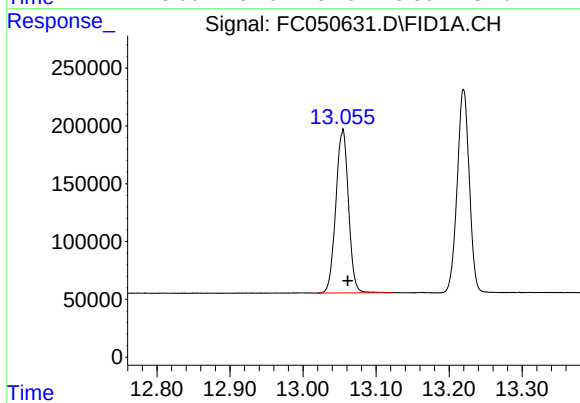
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: -0.006 min
Response: 2071292
Conc: 18.15 ug/ml



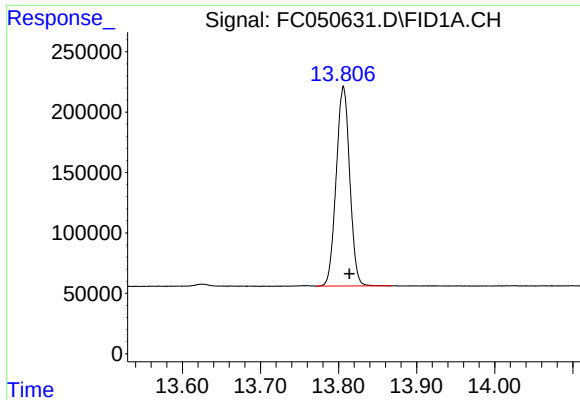
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.008 min
Response: 2027726
Conc: 17.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.054 min
Delta R.T.: -0.007 min
Response: 1699408
Conc: 17.60 ug/ml



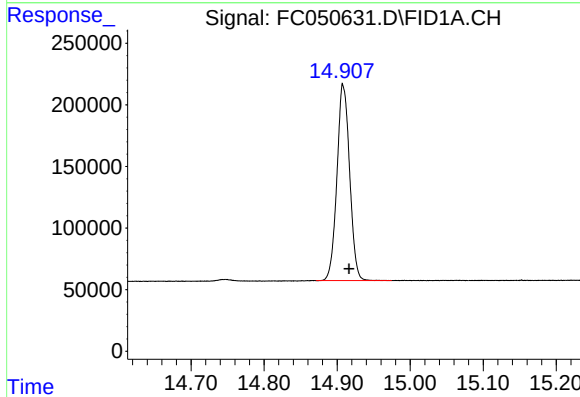
#13 n-Docosane (C22)

R.T.: 13.806 min

Delta R.T.: -0.007 min

Response: 1992163

Conc: 17.46 ug/ml



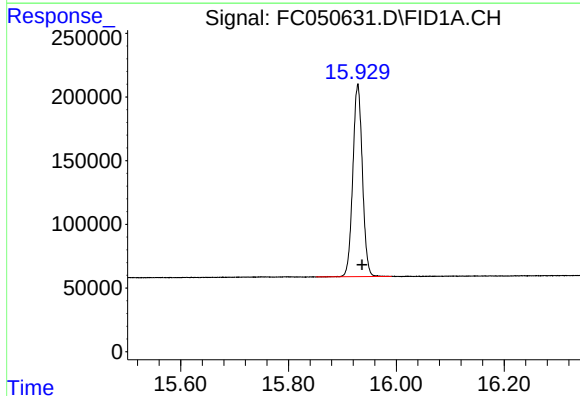
#14 n-Tetracosane (C24)

R.T.: 14.909 min

Delta R.T.: -0.008 min

Response: 1923430

Conc: 16.84 ug/ml



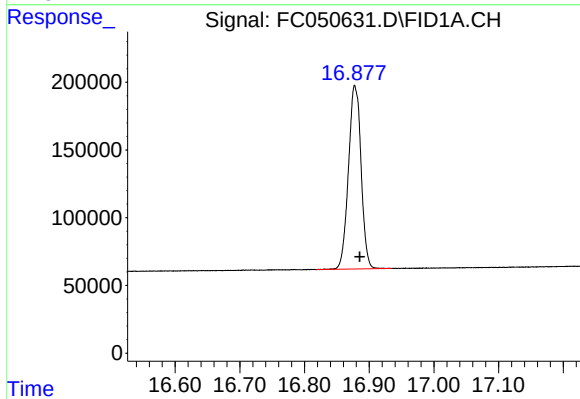
#15 n-Hexacosane (C26)

R.T.: 15.928 min

Delta R.T.: -0.008 min

Response: 1859563

Conc: 16.40 ug/ml



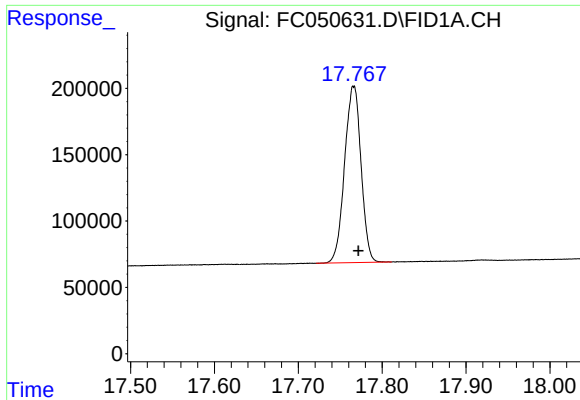
#16 n-Octacosane (C28)

R.T.: 16.878 min

Delta R.T.: -0.007 min

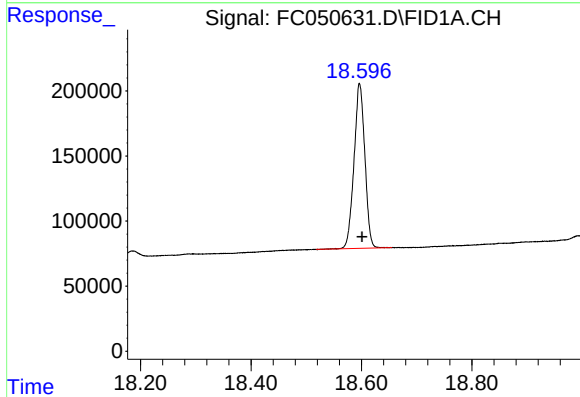
Response: 1838626

Conc: 16.20 ug/ml



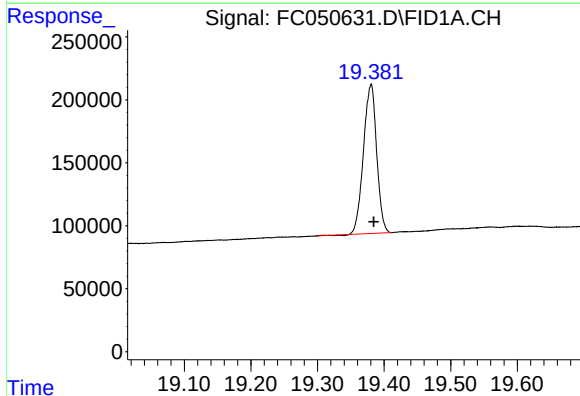
#17 n-Tricontane (C30)

R.T.: 17.766 min
Delta R.T.: -0.006 min
Response: 1811835
Conc: 16.30 ug/ml



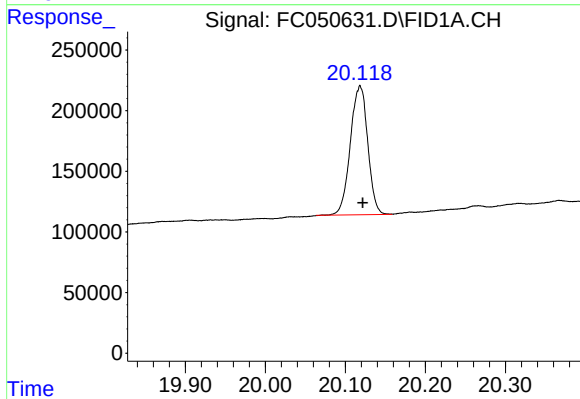
#18 n-Dotriacontane (C32)

R.T.: 18.597 min
Delta R.T.: -0.004 min
Response: 1724384
Conc: 16.71 ug/ml



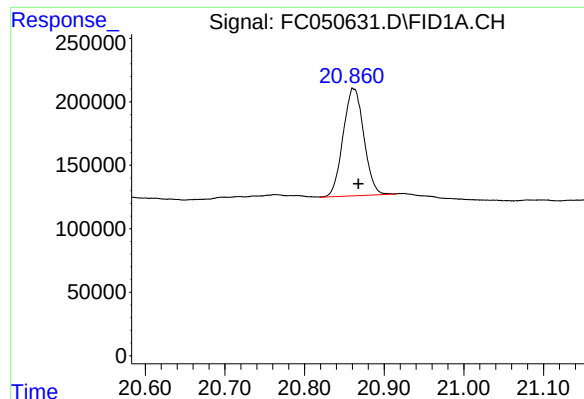
#19 n-Tetratriacontane (C34)

R.T.: 19.380 min
Delta R.T.: -0.004 min
Response: 1625234
Conc: 16.89 ug/ml



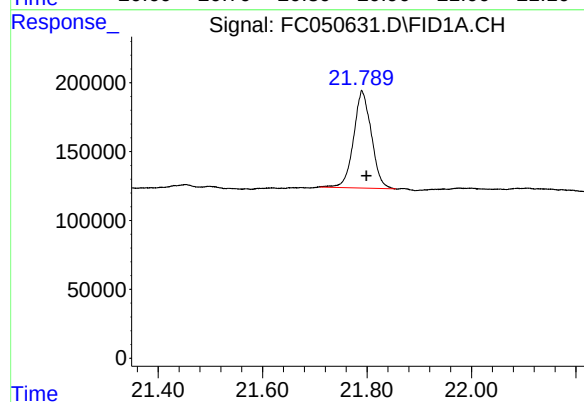
#20 n-Hexatriacontane (C36)

R.T.: 20.118 min
Delta R.T.: -0.004 min
Response: 1607175
Conc: 17.89 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.860 min
Delta R.T.: -0.008 min
Response: 1531200
Conc: 18.42 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.789 min
Delta R.T.: -0.009 min
Response: 1664518
Conc: 19.89 ug/ml m