

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122420AL\
 Data File : FC051445.D
 Signal(s) : FID1A.CH
 Acq On : 24 Dec 2020 8:45
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 24 11:08:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 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)	11.564	2396820	20.680 ug/ml
Spiked Amount 50.000		Recovery =	41.36%
12) S 1-chlorooctadecane (S...	12.998	1848458	20.491 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T n-Nonane (C9)	3.327	2155167	21.844 ug/ml
2) T n-Decane (C10)	4.394	2186166	22.109 ug/ml
3) T A~Naphthalene (C11.7)	5.984	2312978	22.116 ug/ml
4) T n-Dodecane (C12)	6.411	2257282	22.081 ug/ml
5) T A~2-methylnaphthalene...	7.041	2291470	21.815 ug/ml
6) T n-Tetradecane (C14)	8.205	2221709	21.901 ug/ml
7) T n-Hexadecane (C16)	9.805	2165871	21.505 ug/ml
8) T n-Octadecane (C18)	11.245	2254889	21.142 ug/ml
10) T n-Eicosane (C20)	12.552	2237780	20.780 ug/ml
11) T n-Heneicosane (C21)	13.164	2204923	20.556 ug/ml
13) T n-Docosane (C22)	13.749	2172253	20.341 ug/ml
14) T n-Tetracosane (C24)	14.851	2131743	20.141 ug/ml
15) T n-Hexacosane (C26)	15.870	2057182	19.862 ug/ml
16) T n-Octacosane (C28)	16.818	2021172	19.852 ug/ml
17) T n-Tricontane (C30)	17.704	1973739	20.042 ug/ml
18) T n-Dotriacontane (C32)	18.534	1848163	20.400 ug/ml
19) T n-Tetratriacontane (C34)	19.316	1777850	20.917 ug/mlm
20) T n-Hexatriacontane (C36)	20.053	1742345	20.548 ug/ml
21) T n-Octatriacontane (C38)	20.784	1648734	21.535 ug/ml
22) T n-Tetracontane (C40)	21.691	1771853	22.406 ug/ml

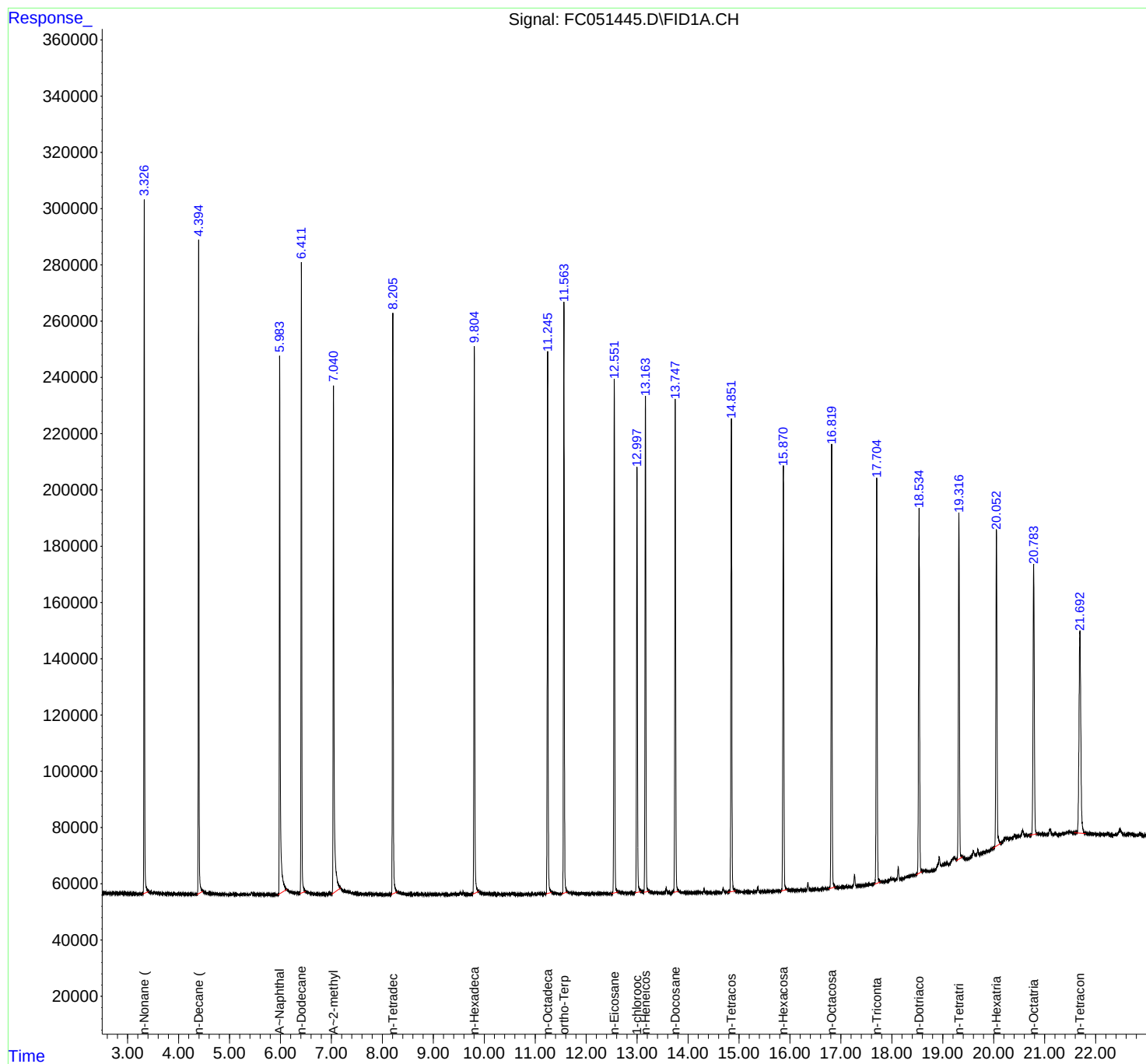
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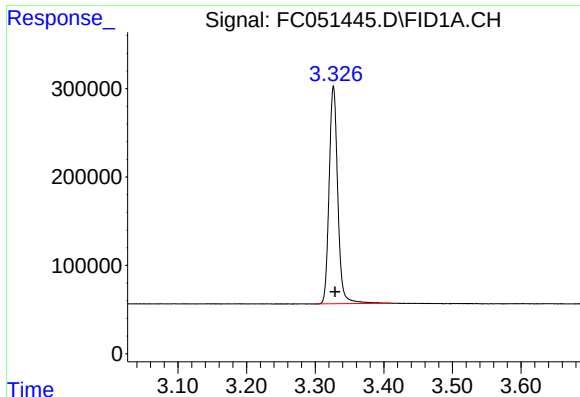
(m)=manual int.

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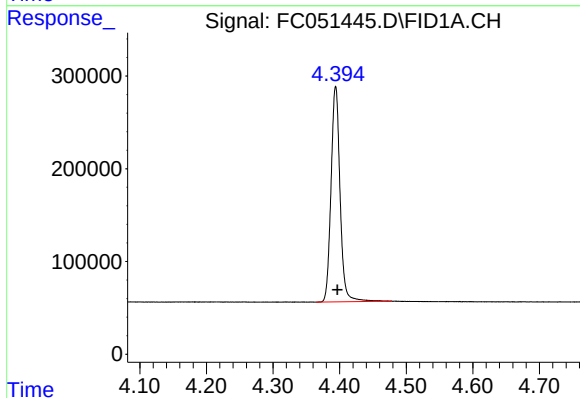
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





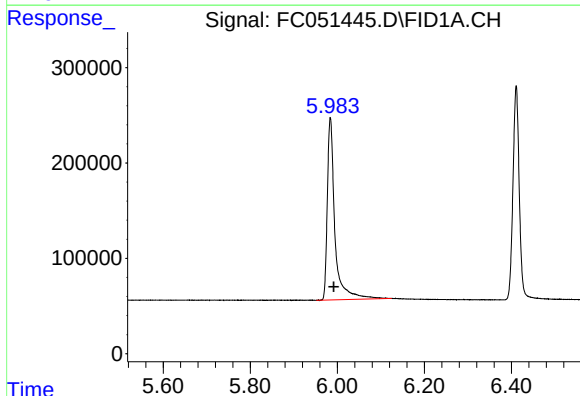
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 2155167
Conc: 21.84 ug/ml



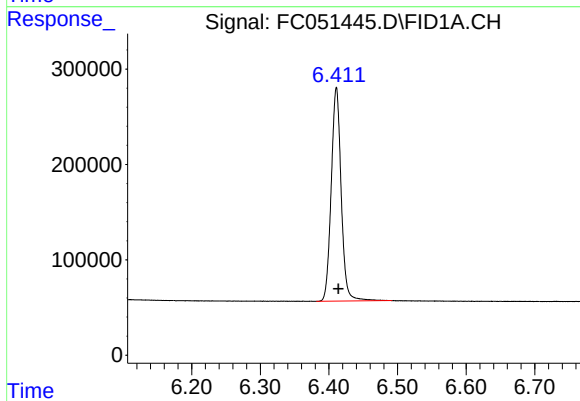
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: -0.002 min
Response: 2186166
Conc: 22.11 ug/ml



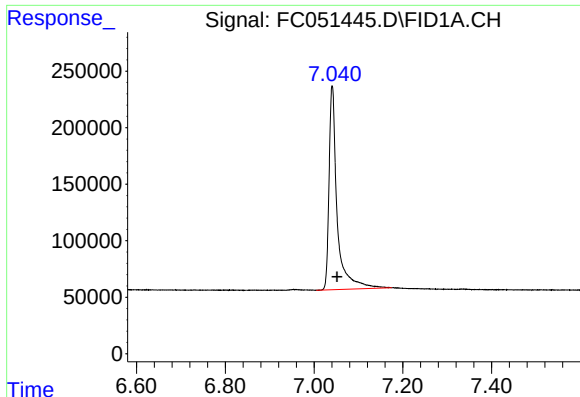
#3 A~Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: -0.008 min
Response: 2312978
Conc: 22.12 ug/ml



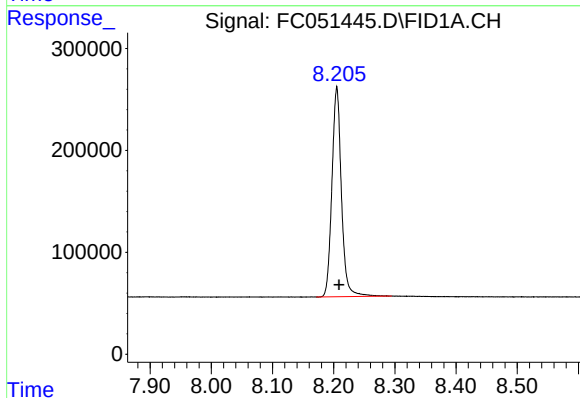
#4 n-Dodecane (C12)

R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 2257282
Conc: 22.08 ug/ml



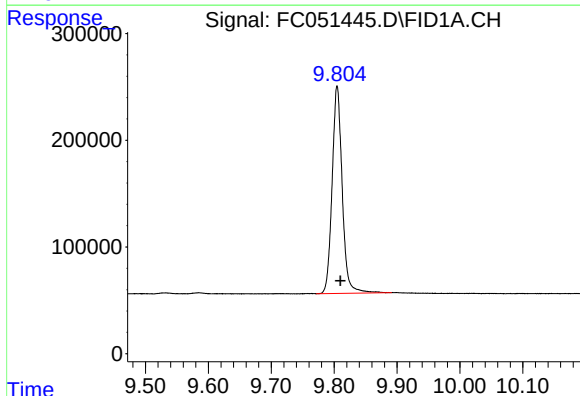
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.041 min
Delta R.T.: -0.011 min
Response: 2291470
Conc: 21.81 ug/ml



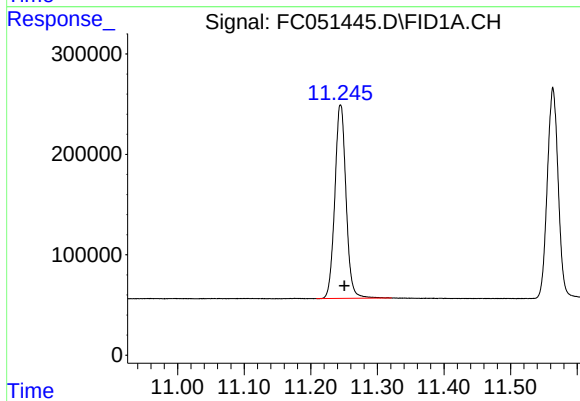
#6 n-Tetradecane (C14)

R.T.: 8.205 min
Delta R.T.: -0.004 min
Response: 2221709
Conc: 21.90 ug/ml



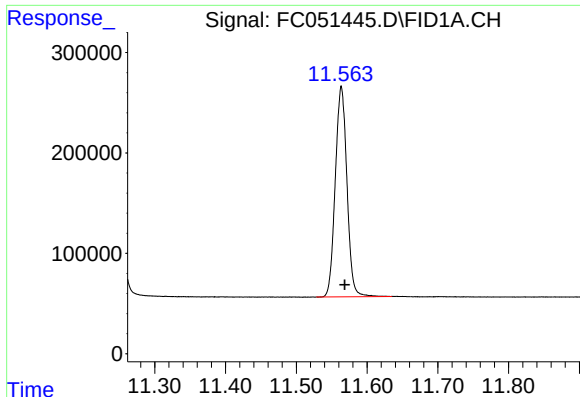
#7 n-Hexadecane (C16)

R.T.: 9.805 min
Delta R.T.: -0.005 min
Response: 2165871
Conc: 21.50 ug/ml



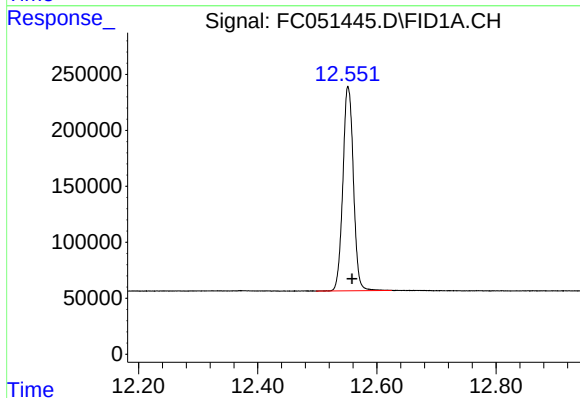
#8 n-Octadecane (C18)

R.T.: 11.245 min
Delta R.T.: -0.006 min
Response: 2254889
Conc: 21.14 ug/ml



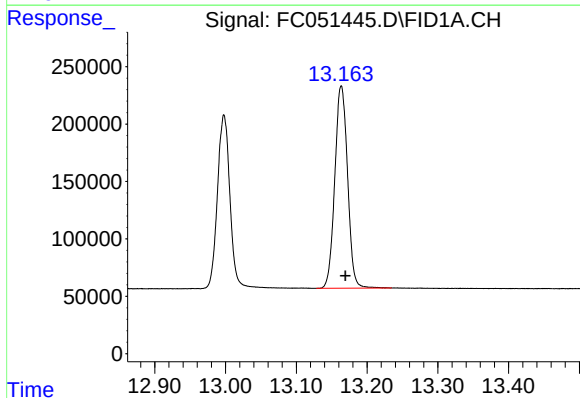
#9 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.005 min
Response: 2396820
Conc: 20.68 ug/ml



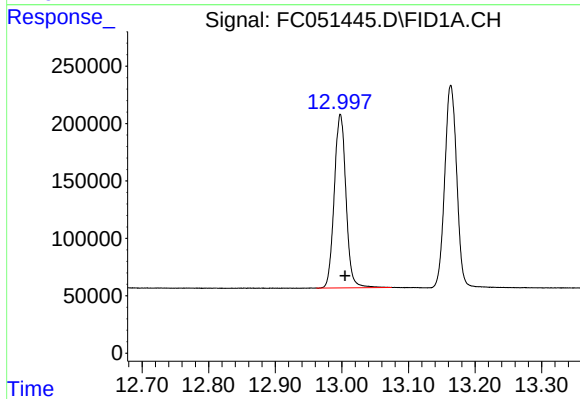
#10 n-Eicosane (C20)

R.T.: 12.552 min
Delta R.T.: -0.006 min
Response: 2237780
Conc: 20.78 ug/ml



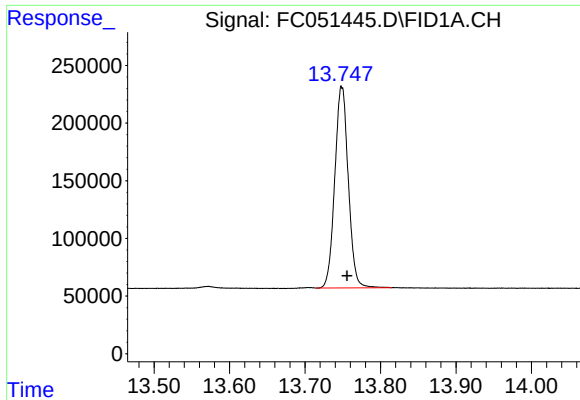
#11 n-Heneicosane (C21)

R.T.: 13.164 min
Delta R.T.: -0.006 min
Response: 2204923
Conc: 20.56 ug/ml



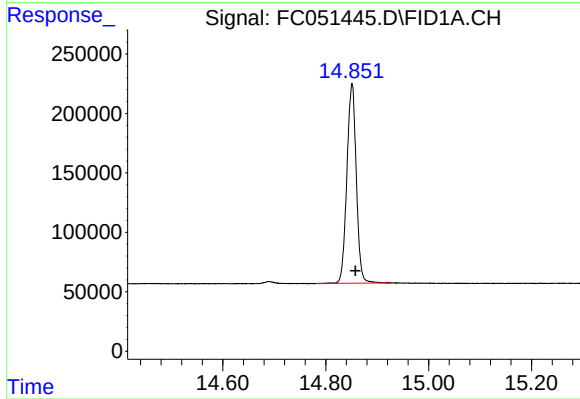
#12 1-chlorooctadecane (SURR)

R.T.: 12.998 min
Delta R.T.: -0.007 min
Response: 1848458
Conc: 20.49 ug/ml



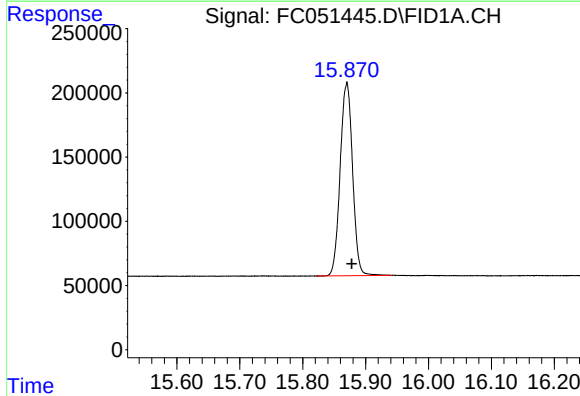
#13 n-Docosane (C22)

R.T.: 13.749 min
Delta R.T.: -0.007 min
Response: 2172253
Conc: 20.34 ug/ml



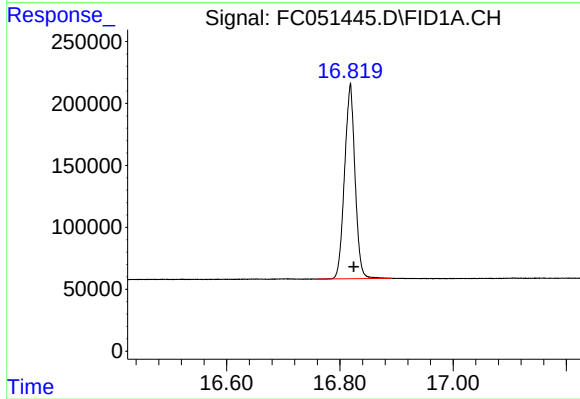
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: -0.007 min
Response: 2131743
Conc: 20.14 ug/ml



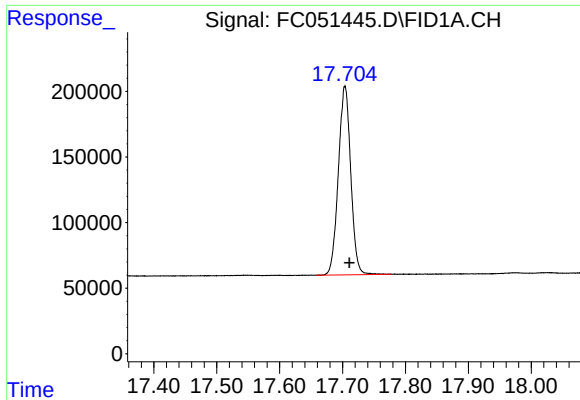
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: -0.008 min
Response: 2057182
Conc: 19.86 ug/ml



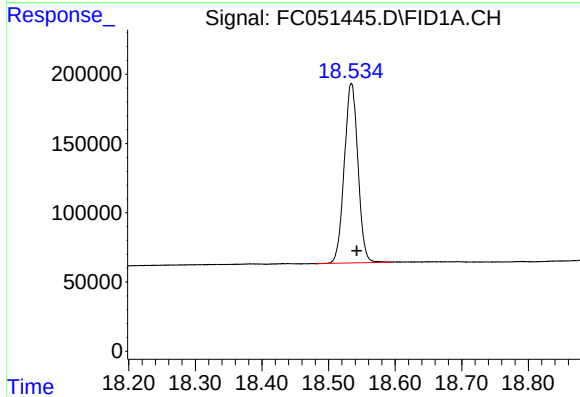
#16 n-Octacosane (C28)

R.T.: 16.818 min
Delta R.T.: -0.007 min
Response: 2021172
Conc: 19.85 ug/ml



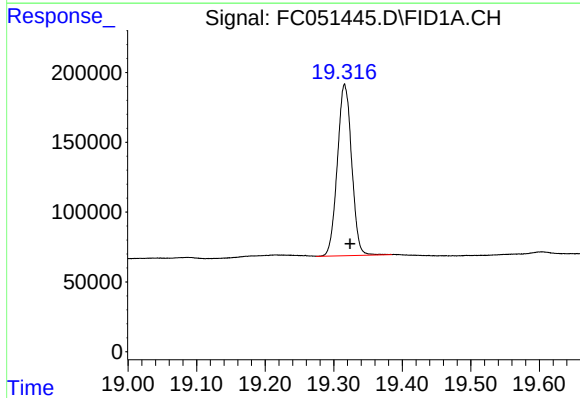
#17 n-Tricontane (C30)

R.T.: 17.704 min
Delta R.T.: -0.007 min
Response: 1973739
Conc: 20.04 ug/ml



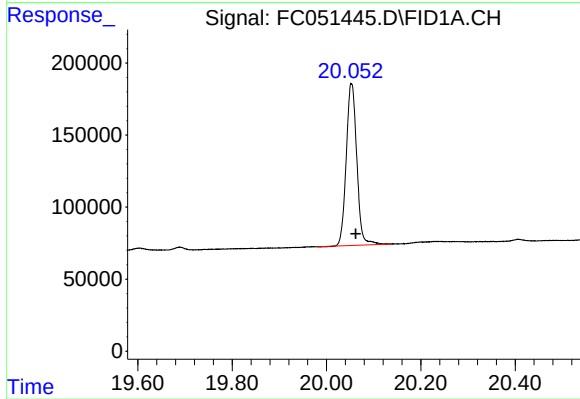
#18 n-Dotriacontane (C32)

R.T.: 18.534 min
Delta R.T.: -0.008 min
Response: 1848163
Conc: 20.40 ug/ml



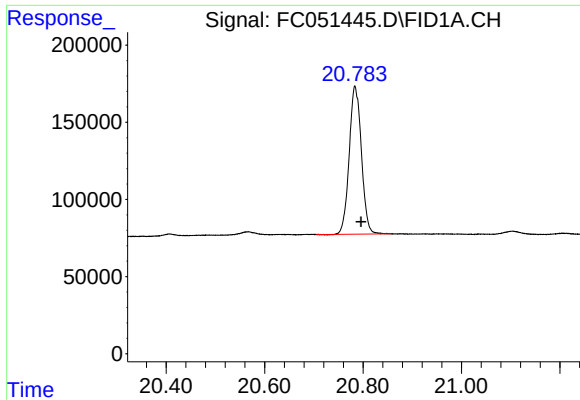
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: -0.008 min
Response: 1777850
Conc: 20.92 ug/ml m



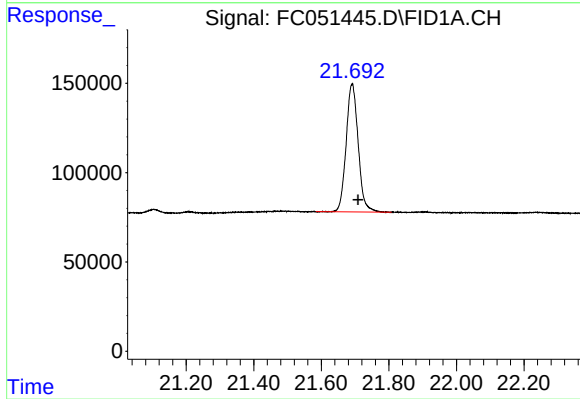
#20 n-Hexatriacontane (C36)

R.T.: 20.053 min
Delta R.T.: -0.009 min
Response: 1742345
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.012 min
Response: 1648734
Conc: 21.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.691 min
Delta R.T.: -0.018 min
Response: 1771853
Conc: 22.41 ug/ml