

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122820AL\
 Data File : FC051476.D
 Signal(s) : FID1A.CH
 Acq On : 28 Dec 2020 11:38
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 29 00:51:09 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)	11.568	2203700	19.014 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	13.002	1696714	18.809 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
Target Compounds			
1) T n-Nonane (C9)	3.327	2047091	20.749 ug/ml
2) T n-Decane (C10)	4.395	2045705	20.688 ug/ml
3) T A~Naphthalene (C11.7)	5.986	2143842	20.499 ug/ml
4) T n-Dodecane (C12)	6.413	2094898	20.492 ug/ml
5) T A~2-methylnaphthalene...	7.044	2131206	20.289 ug/ml
6) T n-Tetradecane (C14)	8.207	2061469	20.322 ug/ml
7) T n-Hexadecane (C16)	9.808	2016114	20.018 ug/ml
8) T n-Octadecane (C18)	11.248	2082048	19.521 ug/ml
10) T n-Eicosane (C20)	12.556	2056997	19.101 ug/ml
11) T n-Heneicosane (C21)	13.168	2030858	18.933 ug/ml
13) T n-Docosane (C22)	13.754	2003978	18.765 ug/ml
14) T n-Tetracosane (C24)	14.855	1950436	18.428 ug/ml
15) T n-Hexacosane (C26)	15.875	1887854	18.227 ug/ml
16) T n-Octacosane (C28)	16.823	1871172	18.378 ug/ml
17) T n-Tricontane (C30)	17.710	1849696	18.782 ug/ml
18) T n-Dotriacontane (C32)	18.541	1739374	19.199 ug/ml
19) T n-Tetratriacontane (C34)	19.324	1678737	19.751 ug/mlm
20) T n-Hexatriacontane (C36)	20.058	1660840	19.587 ug/mlm
21) T n-Octatriacontane (C38)	20.794	1628170	21.267 ug/mlm
22) T n-Tetracontane (C40)	21.704	1684344	21.299 ug/ml

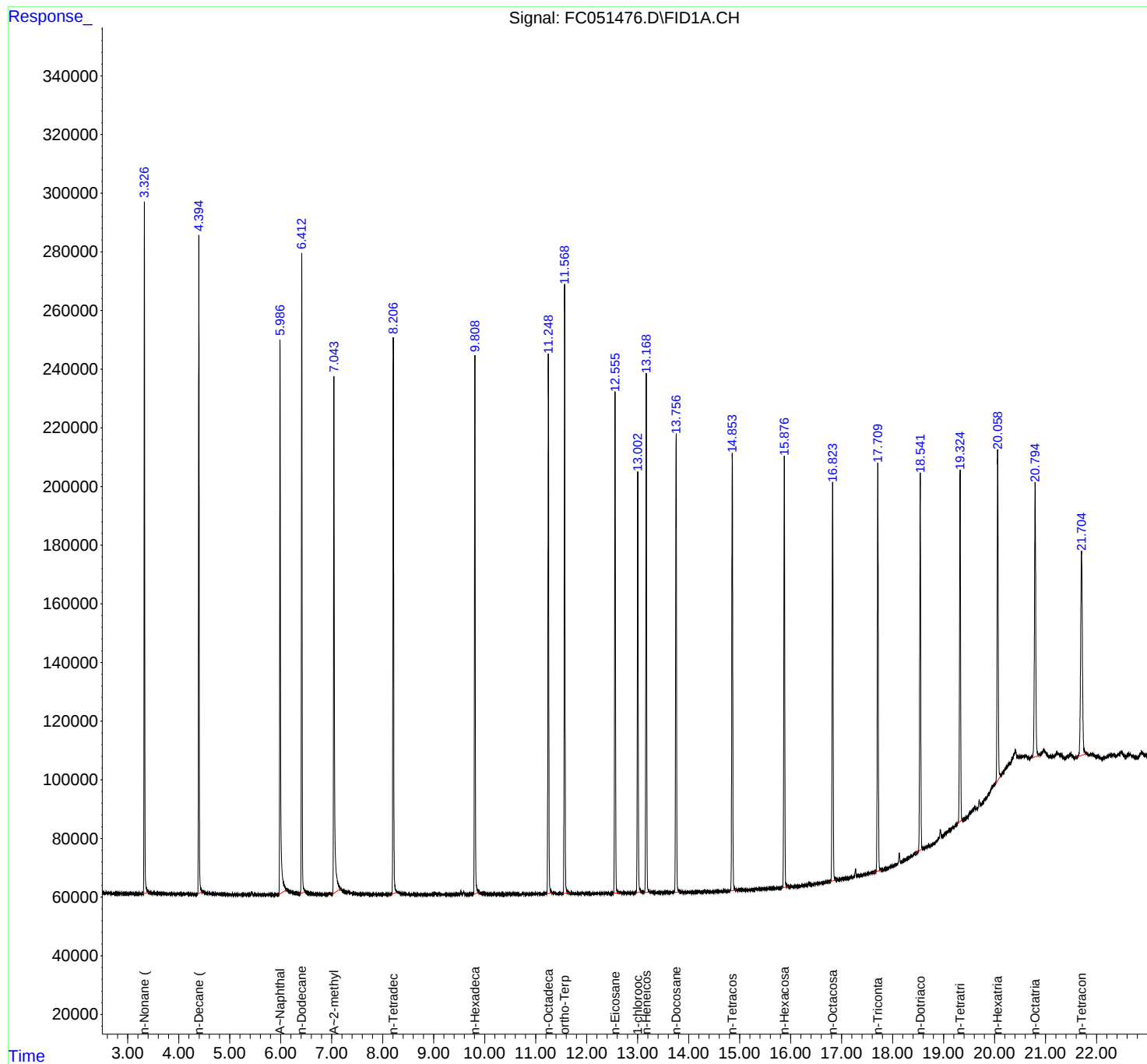
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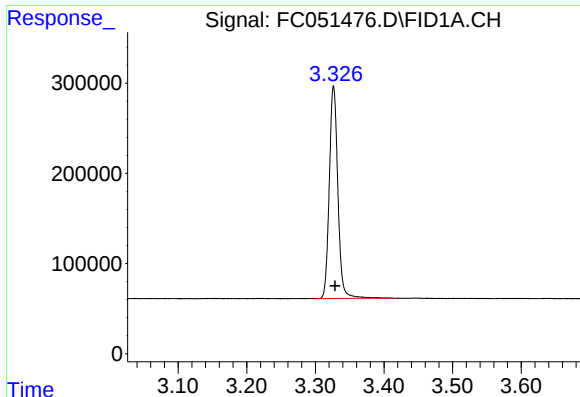
(m)=manual int.

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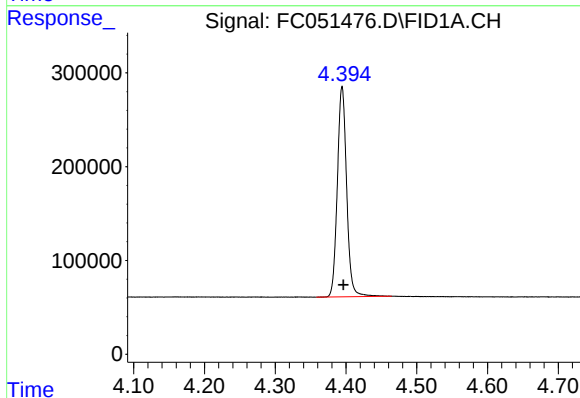
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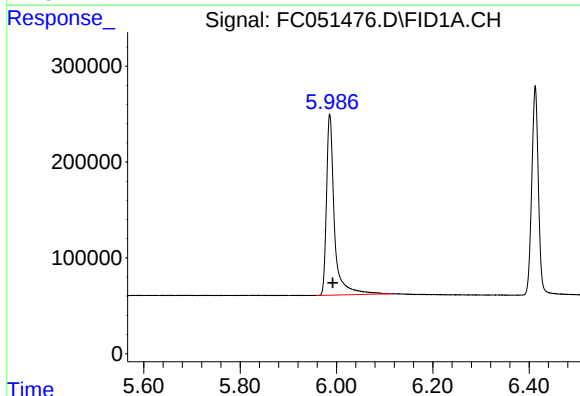
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 2047091
Conc: 20.75 ug/ml



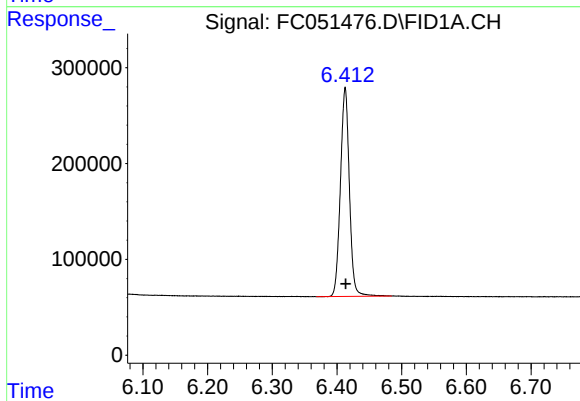
#2 n-Decane (C10)

R.T.: 4.395 min
Delta R.T.: -0.002 min
Response: 2045705
Conc: 20.69 ug/ml



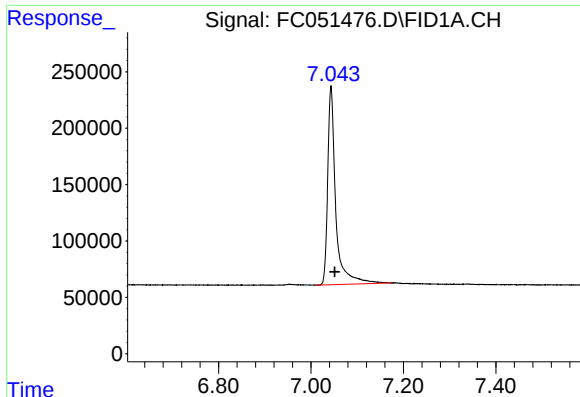
#3 A~Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.005 min
Response: 2143842
Conc: 20.50 ug/ml



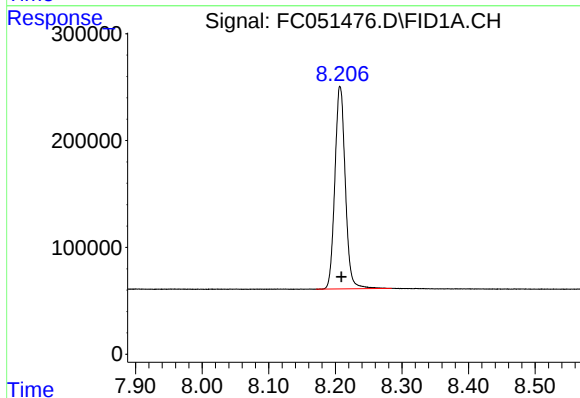
#4 n-Dodecane (C12)

R.T.: 6.413 min
Delta R.T.: -0.001 min
Response: 2094898
Conc: 20.49 ug/ml



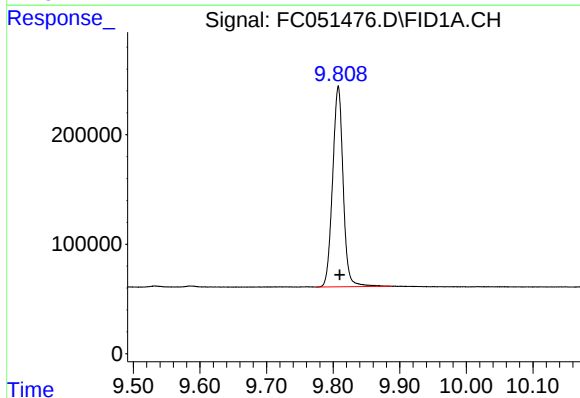
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.044 min
Delta R.T.: -0.008 min
Response: 2131206
Conc: 20.29 ug/ml



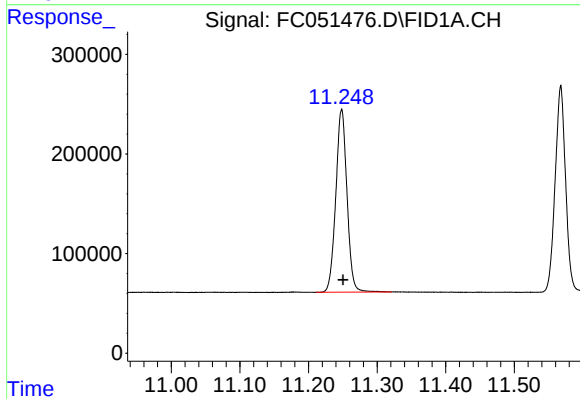
#6 n-Tetradecane (C14)

R.T.: 8.207 min
Delta R.T.: -0.002 min
Response: 2061469
Conc: 20.32 ug/ml



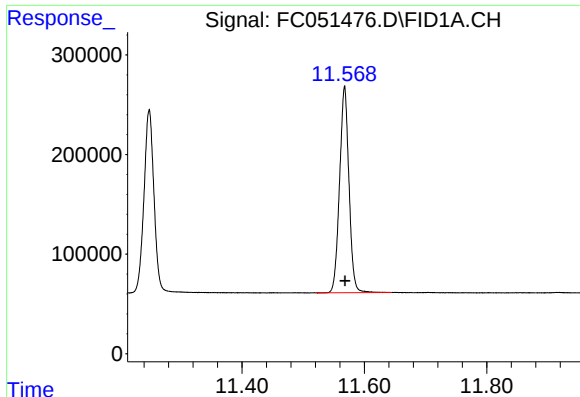
#7 n-Hexadecane (C16)

R.T.: 9.808 min
Delta R.T.: -0.002 min
Response: 2016114
Conc: 20.02 ug/ml



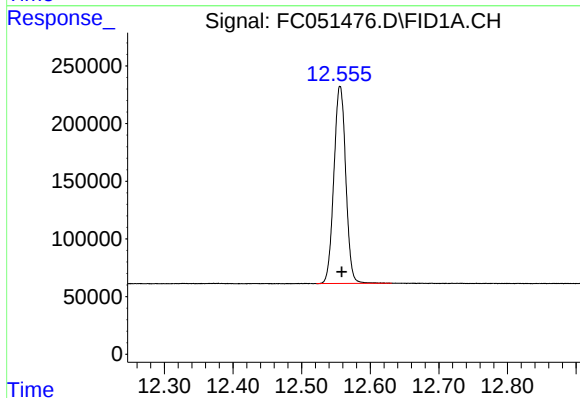
#8 n-Octadecane (C18)

R.T.: 11.248 min
Delta R.T.: -0.002 min
Response: 2082048
Conc: 19.52 ug/ml



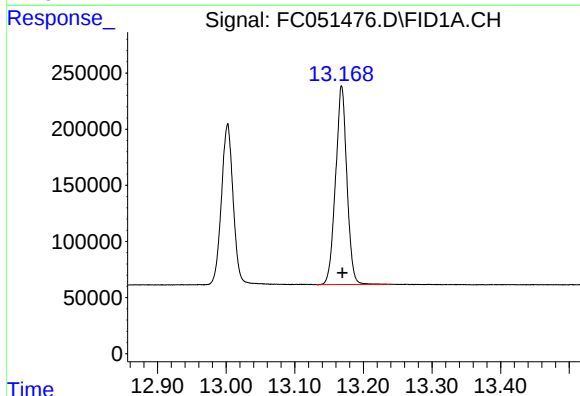
#9 ortho-Terphenyl (SURR)

R.T.: 11.568 min
Delta R.T.: 0.000 min
Response: 2203700
Conc: 19.01 ug/ml



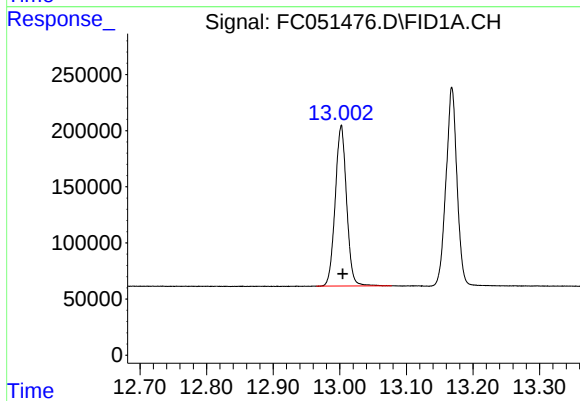
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: -0.002 min
Response: 2056997
Conc: 19.10 ug/ml



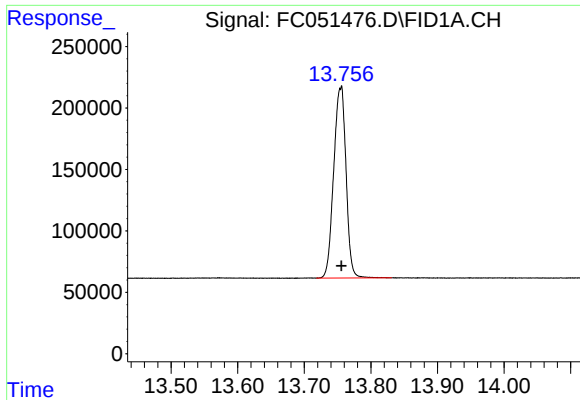
#11 n-Heneicosane (C21)

R.T.: 13.168 min
Delta R.T.: -0.001 min
Response: 2030858
Conc: 18.93 ug/ml



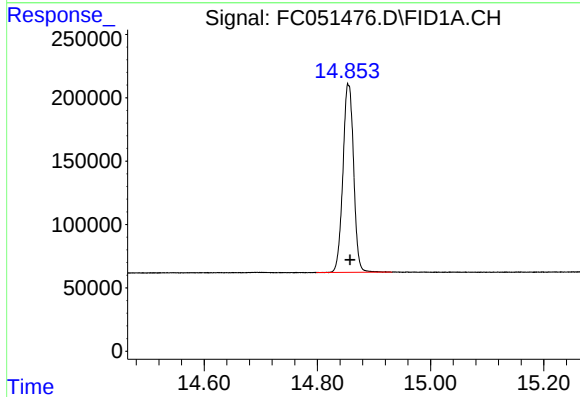
#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: -0.003 min
Response: 1696714
Conc: 18.81 ug/ml



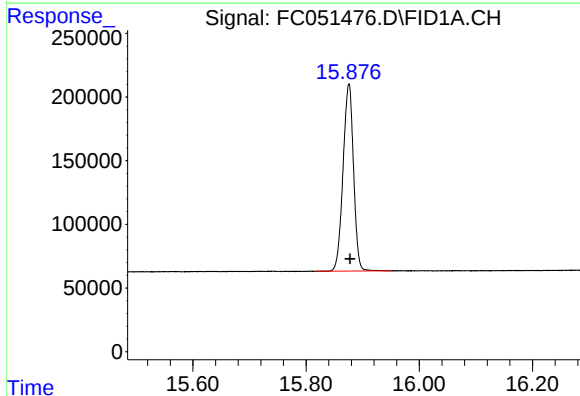
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: -0.002 min
Response: 2003978
Conc: 18.76 ug/ml



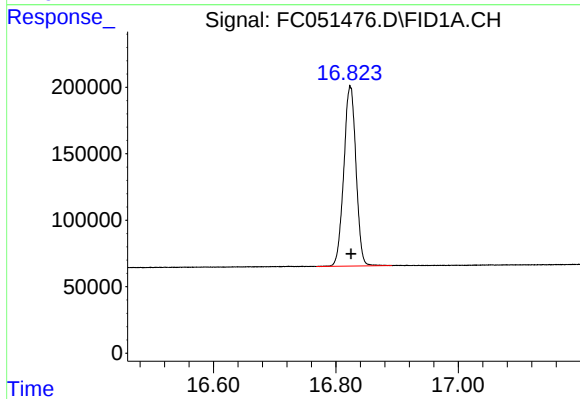
#14 n-Tetracosane (C24)

R.T.: 14.855 min
Delta R.T.: -0.003 min
Response: 1950436
Conc: 18.43 ug/ml



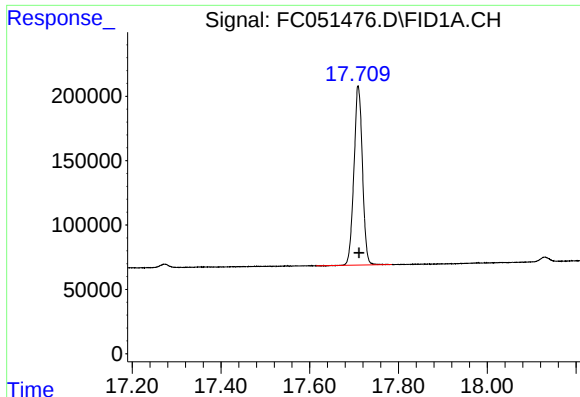
#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: -0.002 min
Response: 1887854
Conc: 18.23 ug/ml



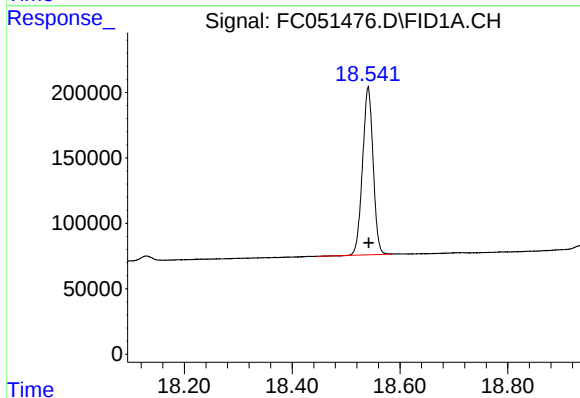
#16 n-Octacosane (C28)

R.T.: 16.823 min
Delta R.T.: -0.001 min
Response: 1871172
Conc: 18.38 ug/ml



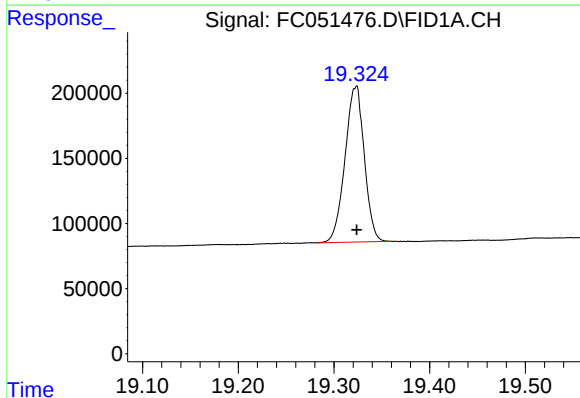
#17 n-Tricontane (C30)

R.T.: 17.710 min
Delta R.T.: -0.002 min
Response: 1849696
Conc: 18.78 ug/ml



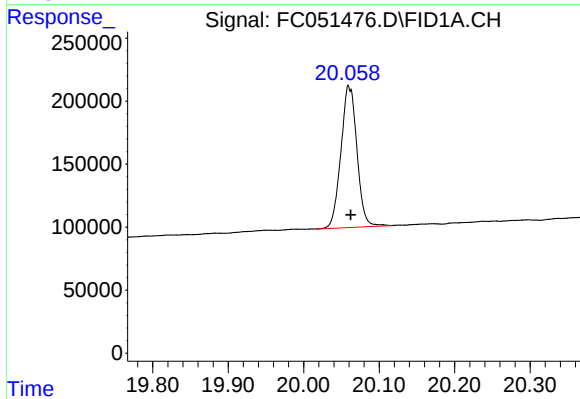
#18 n-Dotriacontane (C32)

R.T.: 18.541 min
Delta R.T.: -0.001 min
Response: 1739374
Conc: 19.20 ug/ml



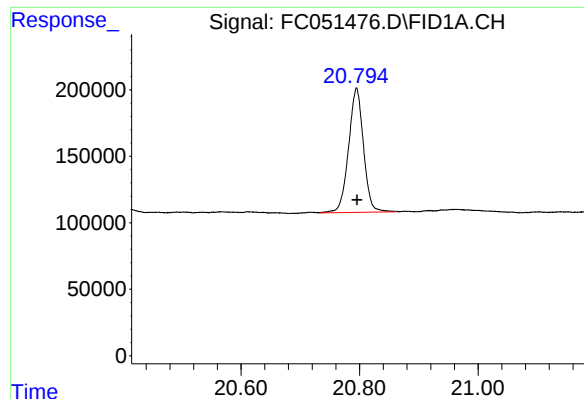
#19 n-Tetratriacontane (C34)

R.T.: 19.324 min
Delta R.T.: 0.000 min
Response: 1678737
Conc: 19.75 ug/ml m



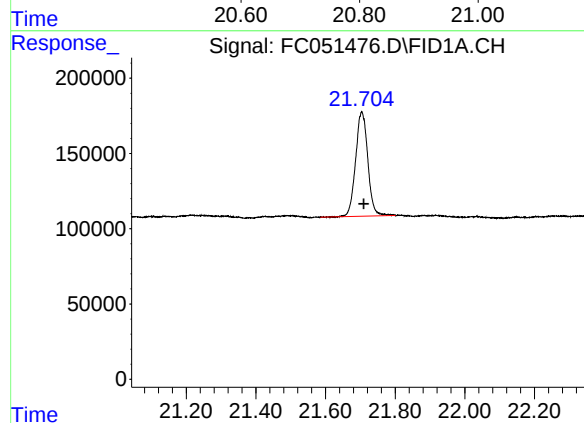
#20 n-Hexatriacontane (C36)

R.T.: 20.058 min
Delta R.T.: -0.004 min
Response: 1660840
Conc: 19.59 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.002 min
Response: 1628170
Conc: 21.27 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.704 min
Delta R.T.: -0.006 min
Response: 1684344
Conc: 21.30 ug/ml