

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122120AL\
 Data File : FC051381.D
 Signal(s) : FID1A.CH
 Acq On : 21 Dec 2020 17:20
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 22 00:20:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:18:53 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)	11.579	12019467	102.385 ug/ml
Spiked Amount 50.000		Recovery =	204.77%
12) S 1-chlorooctadecane (S...	13.011	9519505	103.620 ug/ml
Spiked Amount 50.000		Recovery =	207.24%
Target Compounds			
1) T n-Nonane (C9)	3.332	10549056	105.263 ug/ml
2) T n-Decane (C10)	4.401	10672475	106.421 ug/ml
3) T A~Naphthalene (C11.7)	5.991	11849102	111.743 ug/ml
4) T n-Dodecane (C12)	6.420	10935976	105.271 ug/ml
5) T A~2-methylnaphthalene...	7.049	12090448	113.797 ug/ml
6) T n-Tetradecane (C14)	8.215	10935858	105.636 ug/ml
7) T n-Hexadecane (C16)	9.816	10732245	104.876 ug/ml
8) T n-Octadecane (C18)	11.259	11195486	103.191 ug/ml
10) T n-Eicosane (C20)	12.566	11199963	102.307 ug/ml
11) T n-Heneicosane (C21)	13.179	11131680	102.351 ug/ml
13) T n-Docosane (C22)	13.765	11079667	102.427 ug/ml
14) T n-Tetracosane (C24)	14.866	10946001	101.884 ug/ml
15) T n-Hexacosane (C26)	15.886	10660132	101.435 ug/ml
16) T n-Octacosane (C28)	16.834	10432279	101.105 ug/ml
17) T n-Tricontane (C30)	17.721	9984773	100.905 ug/ml
18) T n-Dotriacontane (C32)	18.551	9135715	100.245 ug/ml
19) T n-Tetratriacontane (C34)	19.333	8603433	100.495 ug/ml
20) T n-Hexatriacontane (C36)	20.071	8147789	93.927 ug/ml
21) T n-Octatriacontane (C38)	20.805	7761911	101.790 ug/ml
22) T n-Tetracontane (C40)	21.716	7986601	101.529 ug/ml

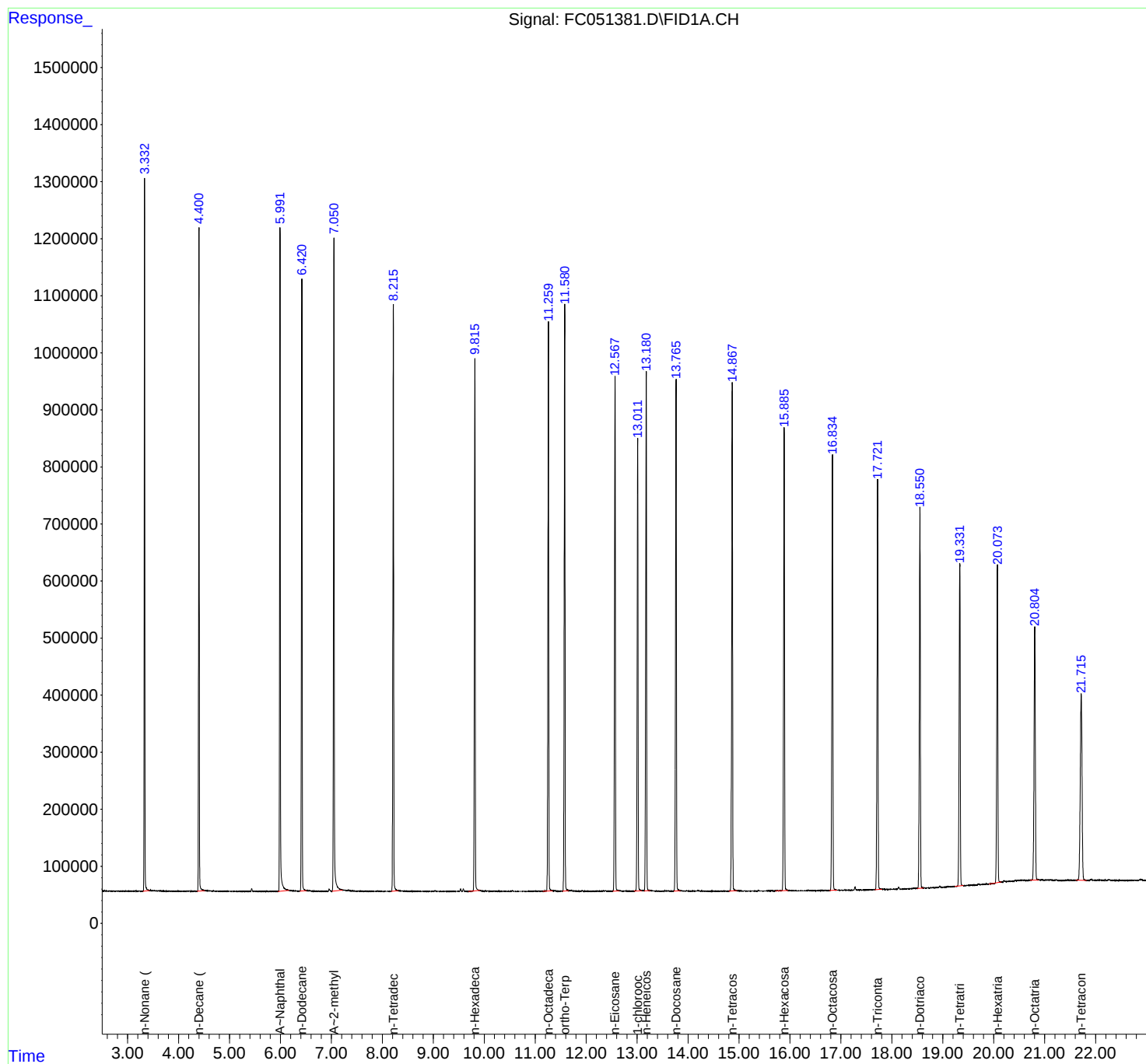
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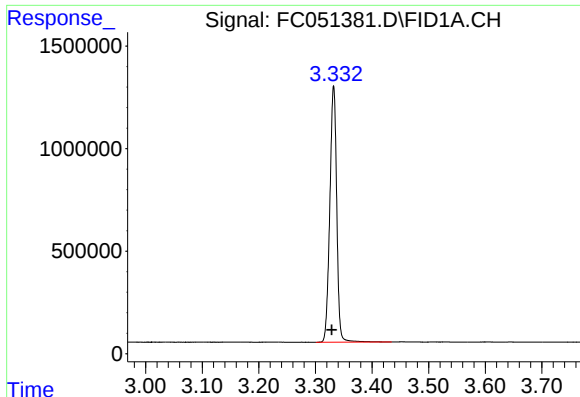
(m)=manual int.

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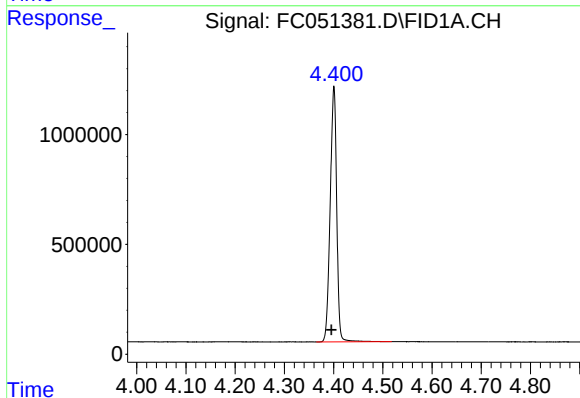
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





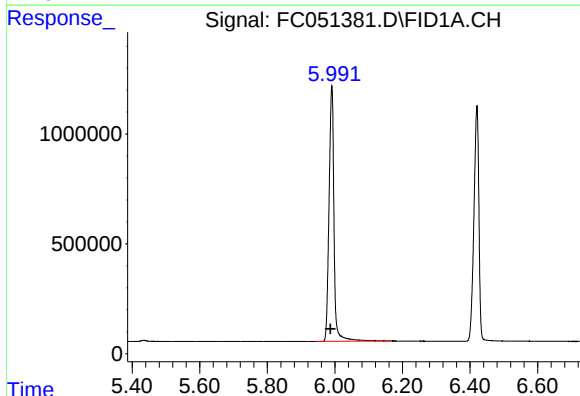
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.003 min
Response: 10549056
Conc: 105.26 ug/ml



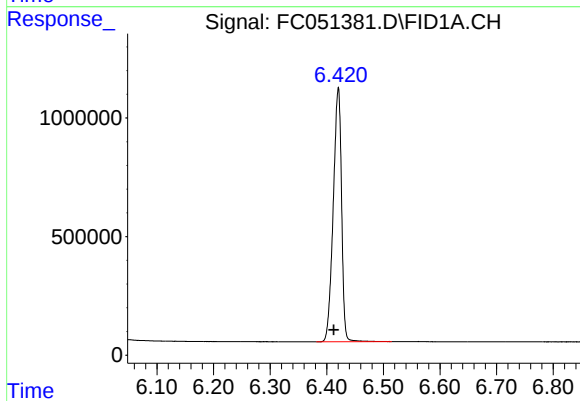
#2 n-Decane (C10)

R.T.: 4.401 min
Delta R.T.: 0.005 min
Response: 10672475
Conc: 106.42 ug/ml



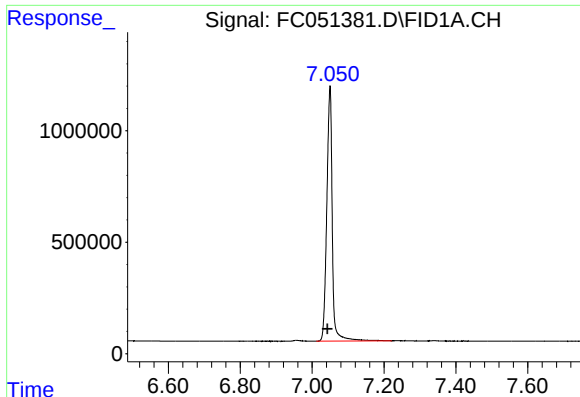
#3 A~Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: 0.004 min
Response: 11849102
Conc: 111.74 ug/ml



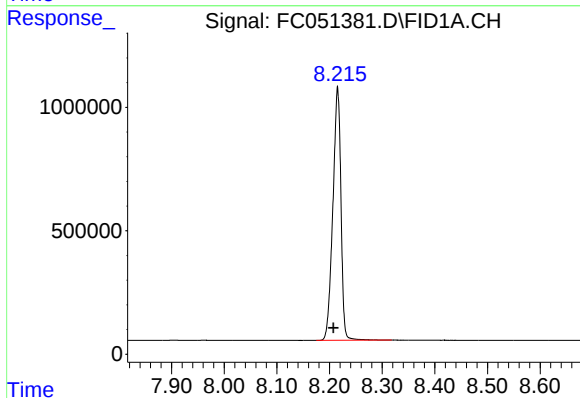
#4 n-Dodecane (C12)

R.T.: 6.420 min
Delta R.T.: 0.007 min
Response: 10935976
Conc: 105.27 ug/ml



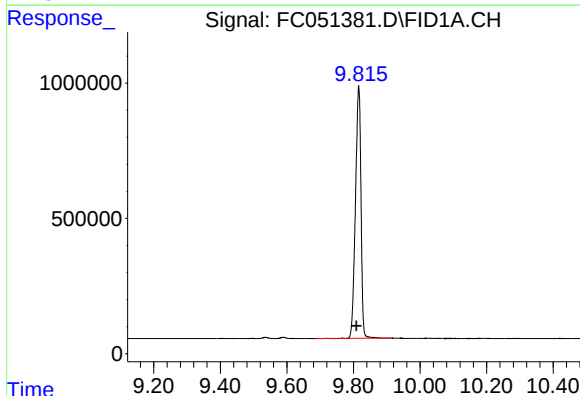
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.049 min
Delta R.T.: 0.006 min
Response: 12090448
Conc: 113.80 ug/ml



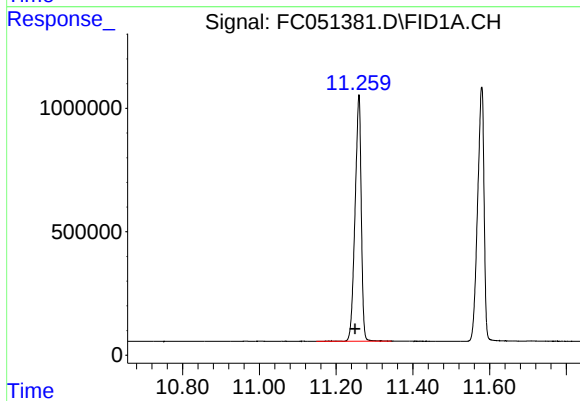
#6 n-Tetradecane (C14)

R.T.: 8.215 min
Delta R.T.: 0.007 min
Response: 10935858
Conc: 105.64 ug/ml



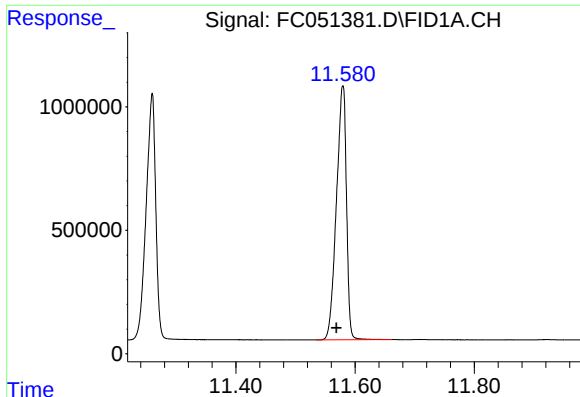
#7 n-Hexadecane (C16)

R.T.: 9.816 min
Delta R.T.: 0.007 min
Response: 10732245
Conc: 104.88 ug/ml



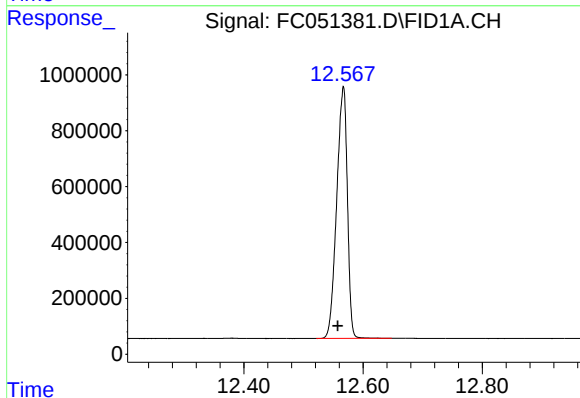
#8 n-Octadecane (C18)

R.T.: 11.259 min
Delta R.T.: 0.009 min
Response: 11195486
Conc: 103.19 ug/ml



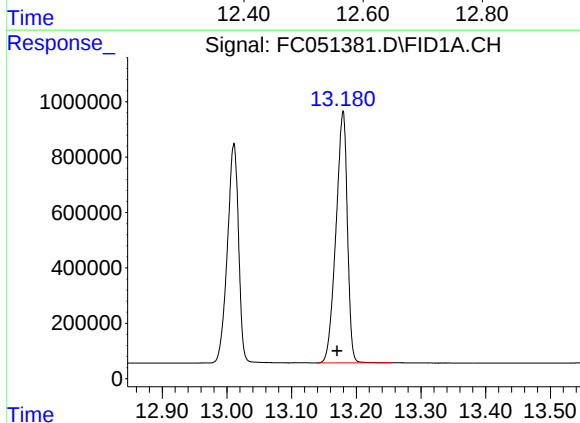
#9 ortho-Terphenyl (SURR)

R.T.: 11.579 min
Delta R.T.: 0.010 min
Response: 12019467
Conc: 102.39 ug/ml



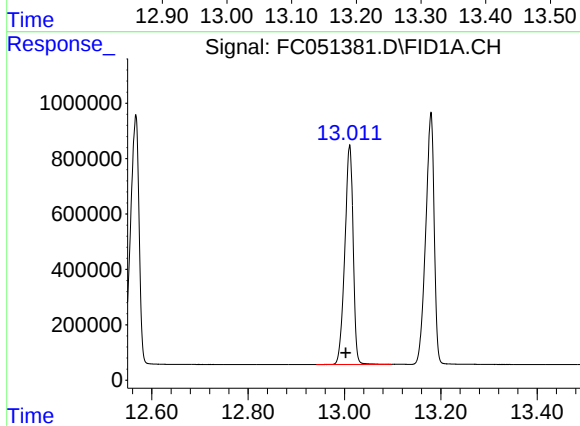
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: 0.009 min
Response: 11199963
Conc: 102.31 ug/ml



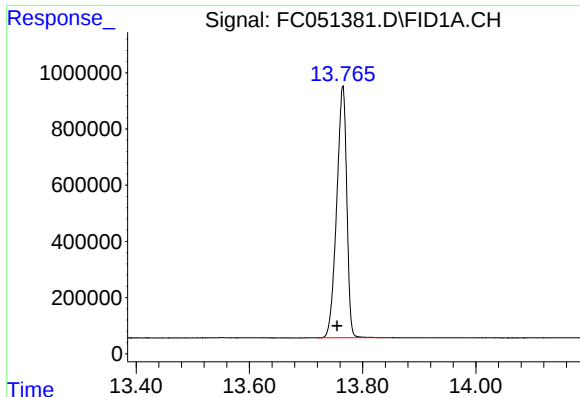
#11 n-Heneicosane (C21)

R.T.: 13.179 min
Delta R.T.: 0.009 min
Response: 11131680
Conc: 102.35 ug/ml



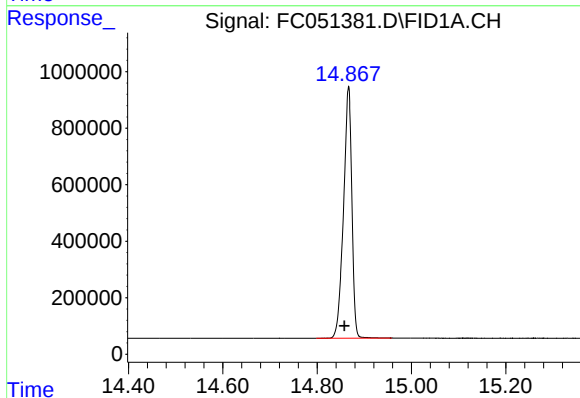
#12 1-chlorooctadecane (SURR)

R.T.: 13.011 min
Delta R.T.: 0.007 min
Response: 9519505
Conc: 103.62 ug/ml



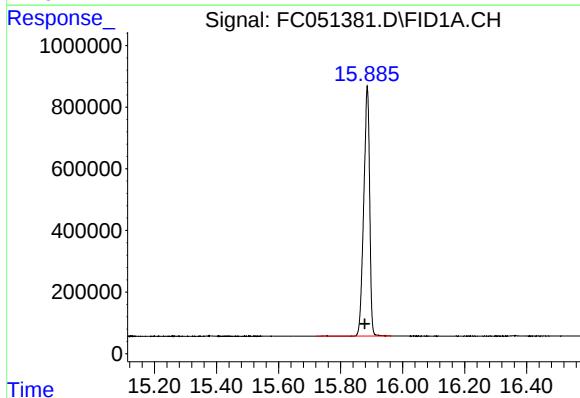
#13 n-Docosane (C22)

R.T.: 13.765 min
Delta R.T.: 0.010 min
Response: 11079667
Conc: 102.43 ug/ml



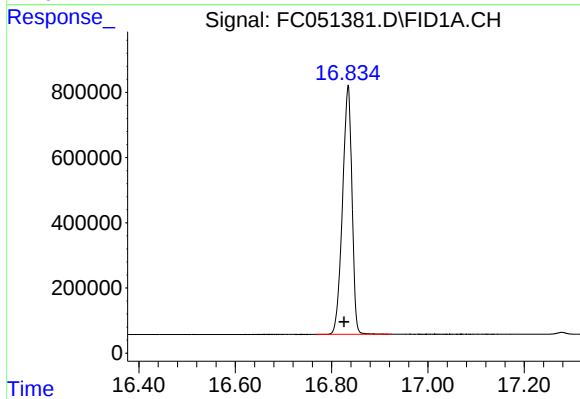
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: 0.009 min
Response: 10946001
Conc: 101.88 ug/ml



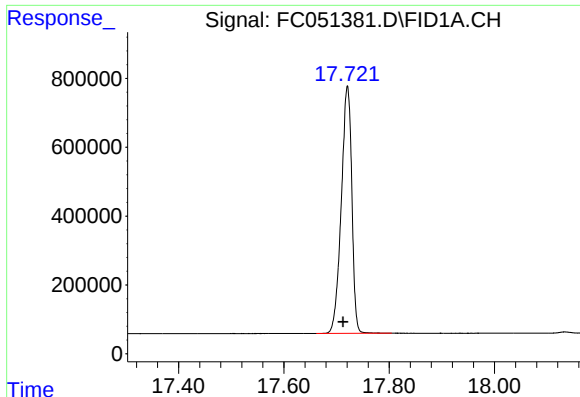
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: 0.008 min
Response: 10660132
Conc: 101.44 ug/ml



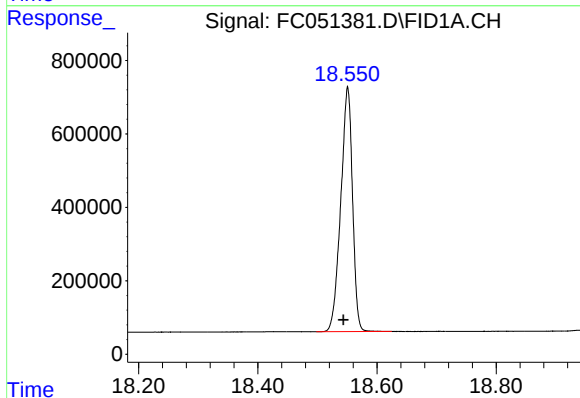
#16 n-Octacosane (C28)

R.T.: 16.834 min
Delta R.T.: 0.008 min
Response: 10432279
Conc: 101.10 ug/ml



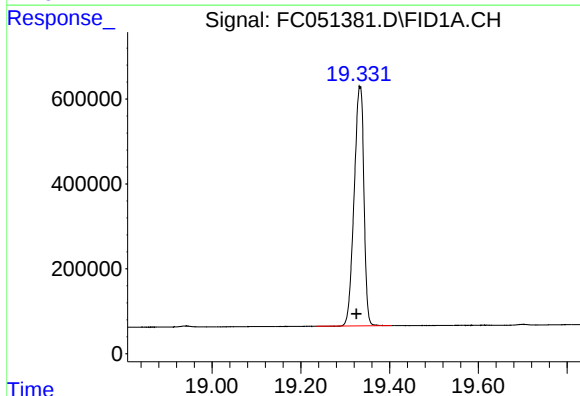
#17 n-Tricontane (C30)

R.T.: 17.721 min
Delta R.T.: 0.008 min
Response: 9984773
Conc: 100.90 ug/ml



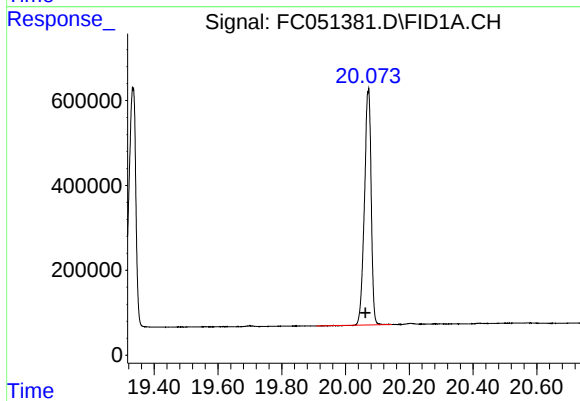
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: 0.007 min
Response: 9135715
Conc: 100.24 ug/ml



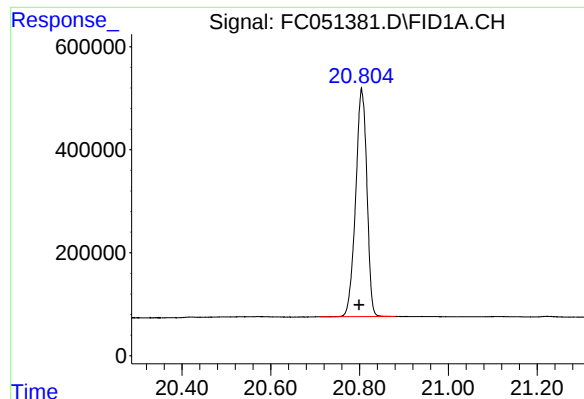
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min
Delta R.T.: 0.008 min
Response: 8603433
Conc: 100.50 ug/ml



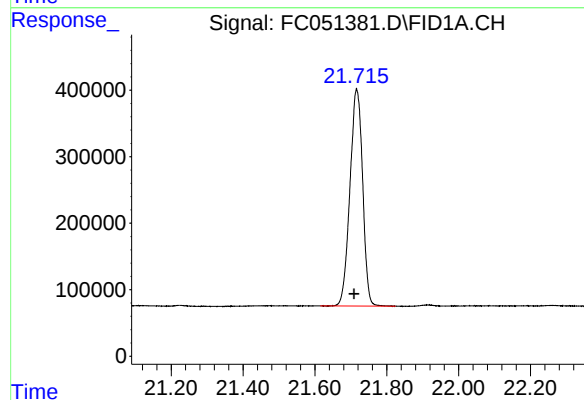
#20 n-Hexatriacontane (C36)

R.T.: 20.071 min
Delta R.T.: 0.008 min
Response: 8147789
Conc: 93.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: 0.006 min
Response: 7761911
Conc: 101.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.716 min
Delta R.T.: 0.007 min
Response: 7986601
Conc: 101.53 ug/ml