

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042021AL\
 Data File : FC053285.D
 Signal(s) : FID1A.CH
 Acq On : 20 Apr 2021 23:24
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 21 10:50:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 10:50:03 2021
 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)	11.561	13903634	99.696 ug/ml
Spiked Amount 50.000		Recovery =	199.39%
12) S 1-chlorooctadecane (S...	12.999	11071067	100.371 ug/ml
Spiked Amount 50.000		Recovery =	200.74%
Target Compounds			
1) T n-Nonane (C9)	3.308	11955973	100.691 ug/ml
2) T n-Decane (C10)	4.375	12085030	101.198 ug/ml
3) T A~Naphthalene (C11.7)	5.960	13612618	102.797 ug/ml
4) T n-Dodecane (C12)	6.396	12323686	100.981 ug/ml
5) T A~2-methylnaphthalene...	7.020	13920711	103.270 ug/ml
6) T n-Tetradecane (C14)	8.195	12487673	100.960 ug/ml
7) T n-Hexadecane (C16)	9.798	12378353	100.864 ug/ml
8) T n-Octadecane (C18)	11.245	12969442	100.378 ug/ml
10) T n-Eicosane (C20)	12.555	13129059	100.275 ug/ml
11) T n-Heneicosane (C21)	13.168	13147533	100.328 ug/ml
13) T n-Docosane (C22)	13.754	13174780	99.918 ug/ml
14) T n-Tetracosane (C24)	14.860	13157035	99.564 ug/ml
15) T n-Hexacosane (C26)	15.881	12981216	99.055 ug/ml
16) T n-Octacosane (C28)	16.832	12777884	96.991 ug/ml
17) T n-Tricontane (C30)	17.721	12388578	93.274 ug/ml
18) T n-Dotriacontane (C32)	18.554	11783425	89.744 ug/ml
19) T n-Tetratriacontane (C34)	19.338	11236555	89.471 ug/ml
20) T n-Hexatriacontane (C36)	20.077	10400439	85.986 ug/ml
21) T n-Octatriacontane (C38)	20.810	9536916	91.899 ug/ml
22) T n-Tetracontane (C40)	21.714	9575473	90.703 ug/ml

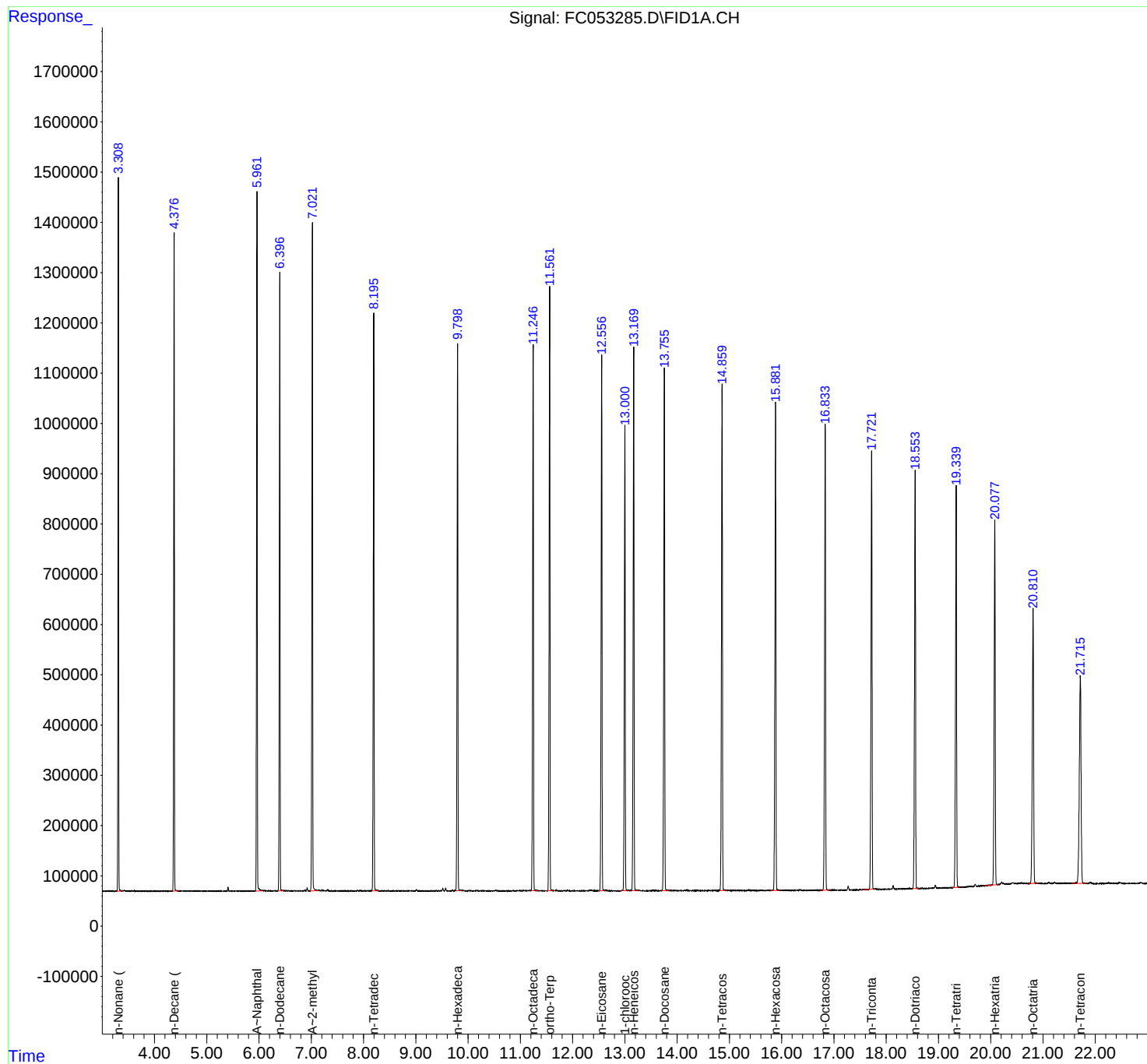
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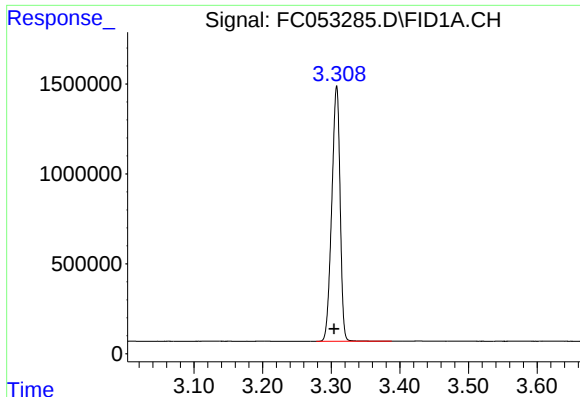
(m)=manual int.

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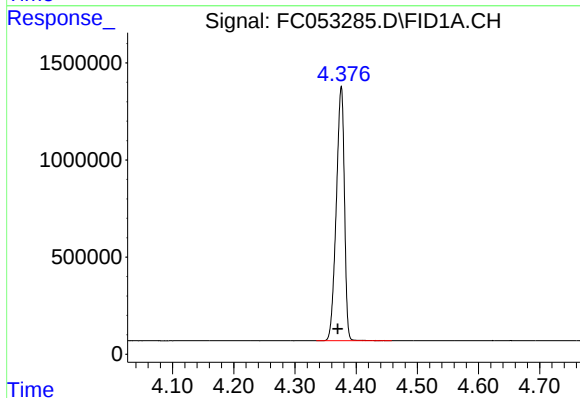
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Signal Info : 20M x 0.18mm x 0.18um





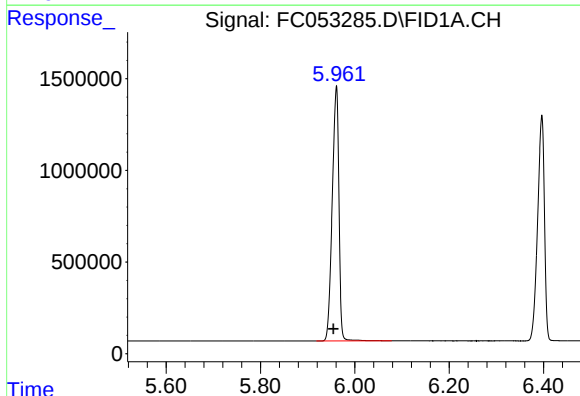
#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: 0.004 min
Response: 11955973
Conc: 100.69 ug/ml



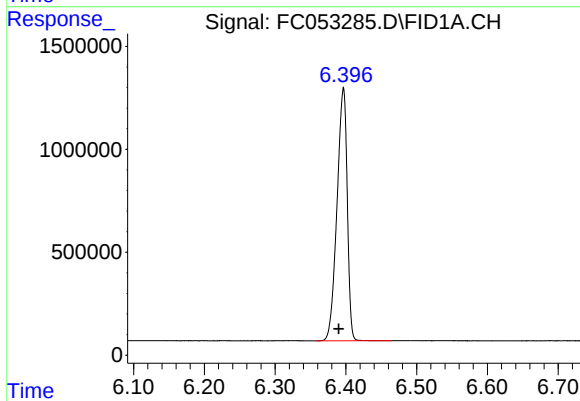
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: 0.005 min
Response: 12085030
Conc: 101.20 ug/ml



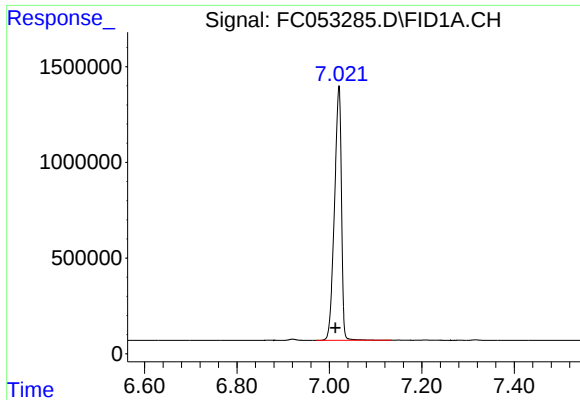
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: 0.006 min
Response: 13612618
Conc: 102.80 ug/ml



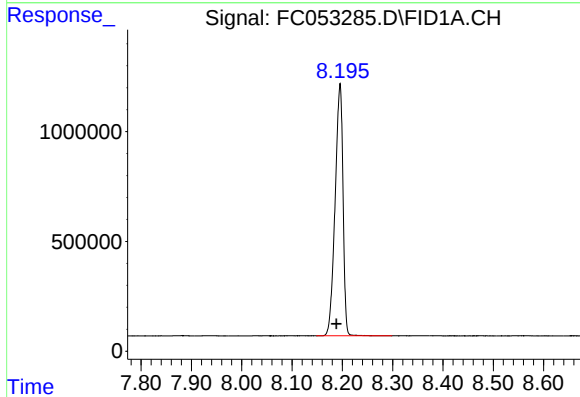
#4 n-Dodecane (C12)

R.T.: 6.396 min
Delta R.T.: 0.006 min
Response: 12323686
Conc: 100.98 ug/ml



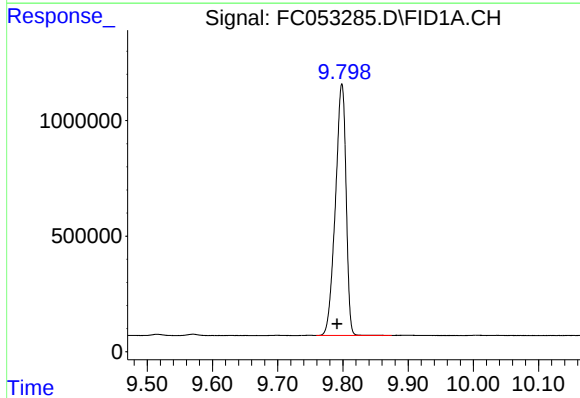
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: 0.007 min
Response: 13920711
Conc: 103.27 ug/ml



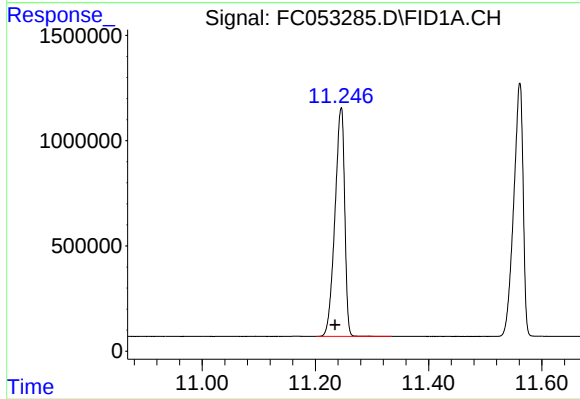
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: 0.006 min
Response: 12487673
Conc: 100.96 ug/ml



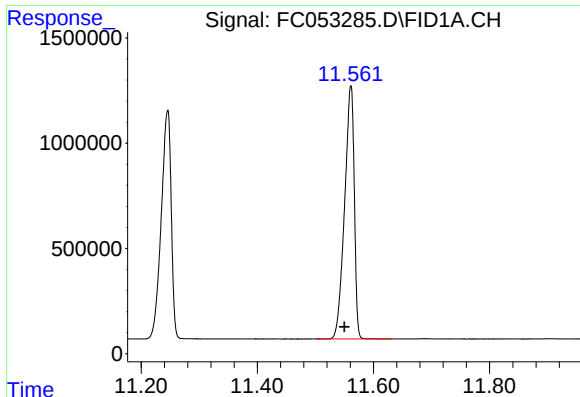
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: 0.007 min
Response: 12378353
Conc: 100.86 ug/ml



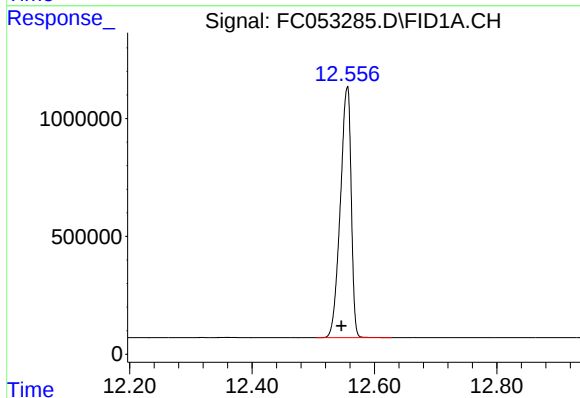
#8 n-Octadecane (C18)

R.T.: 11.245 min
Delta R.T.: 0.010 min
Response: 12969442
Conc: 100.38 ug/ml



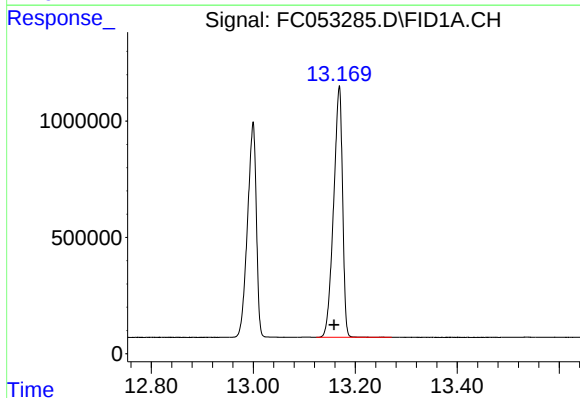
#9 ortho-Terphenyl (SURR)

R.T.: 11.561 min
Delta R.T.: 0.011 min
Response: 13903634
Conc: 99.70 ug/ml



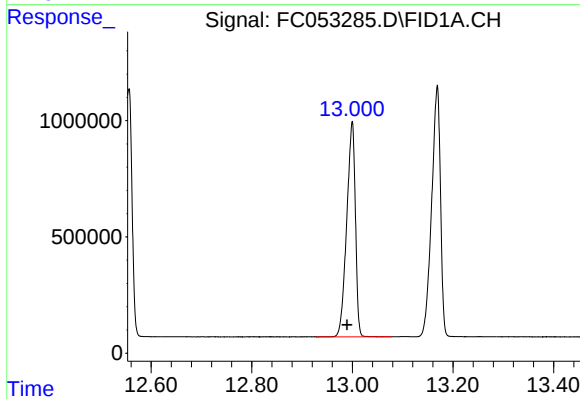
#10 n-Eicosane (C20)

R.T.: 12.555 min
Delta R.T.: 0.009 min
Response: 13129059
Conc: 100.27 ug/ml



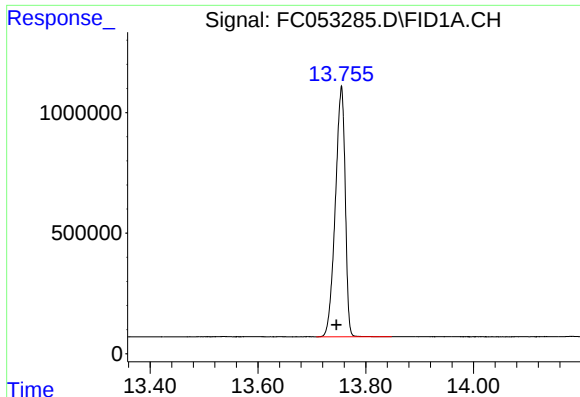
#11 n-Heneicosane (C21)

R.T.: 13.168 min
Delta R.T.: 0.010 min
Response: 13147533
Conc: 100.33 ug/ml



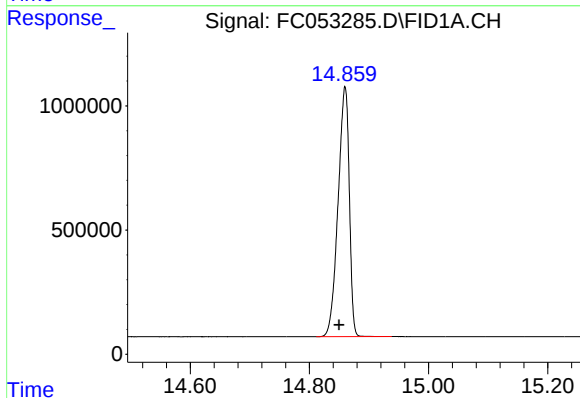
#12 1-chlorooctadecane (SURR)

R.T.: 12.999 min
Delta R.T.: 0.009 min
Response: 11071067
Conc: 100.37 ug/ml



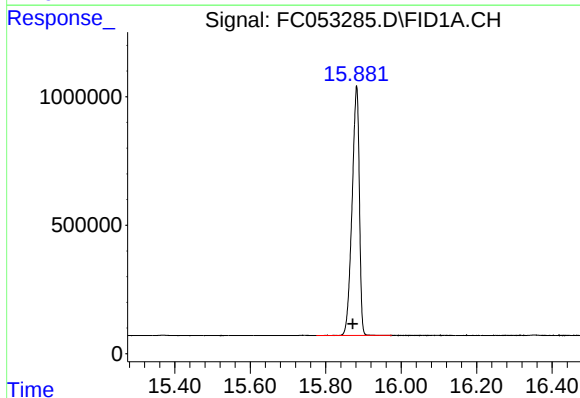
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: 0.009 min
Response: 13174780
Conc: 99.92 ug/ml



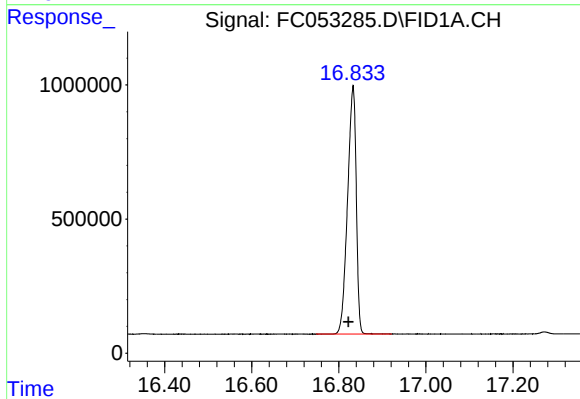
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: 0.010 min
Response: 13157035
Conc: 99.56 ug/ml



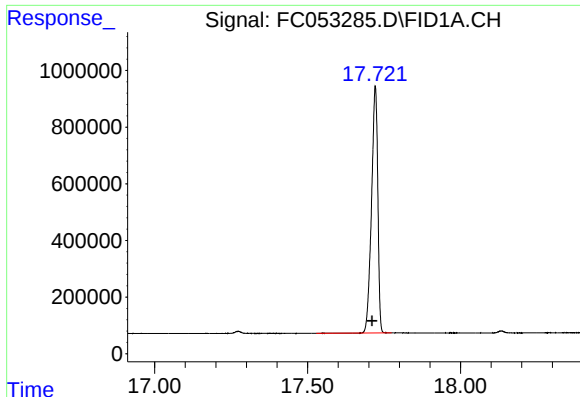
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.010 min
Response: 12981216
Conc: 99.06 ug/ml



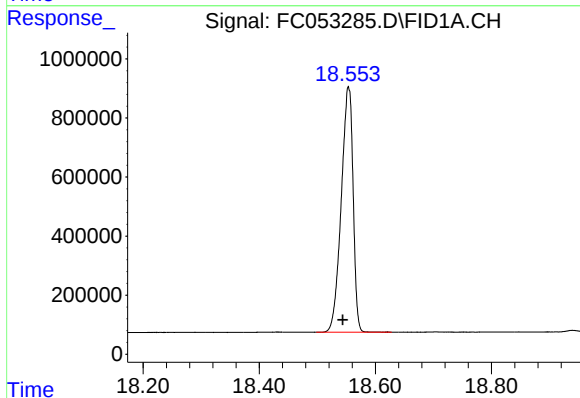
#16 n-Octacosane (C28)

R.T.: 16.832 min
Delta R.T.: 0.010 min
Response: 12777884
Conc: 96.99 ug/ml



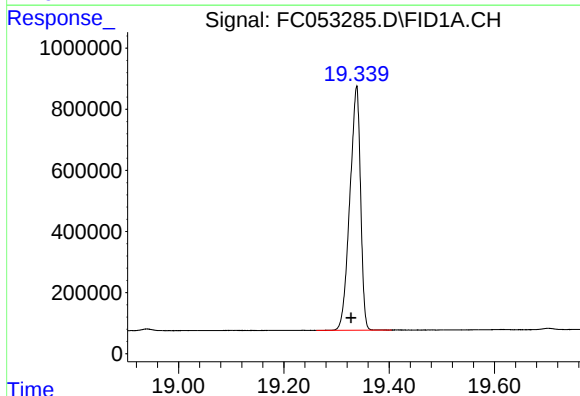
#17 n-Tricontane (C30)

R.T.: 17.721 min
Delta R.T.: 0.010 min
Response: 12388578
Conc: 93.27 ug/ml



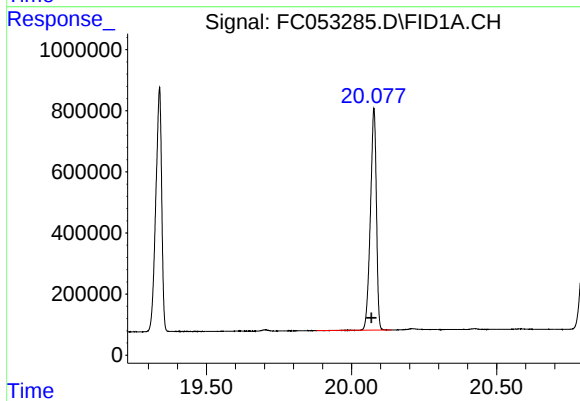
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: 0.010 min
Response: 11783425
Conc: 89.74 ug/ml



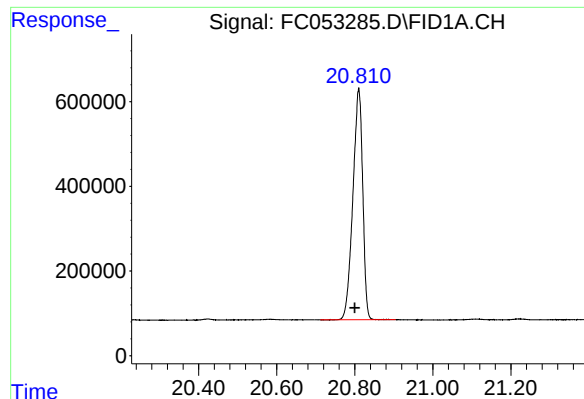
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.010 min
Response: 11236555
Conc: 89.47 ug/ml



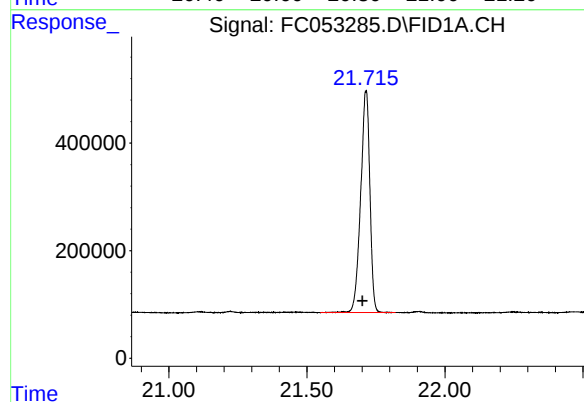
#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: 0.009 min
Response: 10400439
Conc: 85.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: 0.010 min
Response: 9536916
Conc: 91.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.714 min
Delta R.T.: 0.012 min
Response: 9575473
Conc: 90.70 ug/ml