

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112720AL\
 Data File : FC050988.D
 Signal(s) : FID1A.CH
 Acq On : 27 Nov 2020 19:01
 Operator : DD\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 27 23:23:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 27 23:22:01 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)	11.610	12634114	99.721 ug/ml
Spiked Amount 50.000		Recovery =	199.44%
12) S 1-chlorooctadecane (S...	13.041	10104432	99.881 ug/ml
Spiked Amount 50.000		Recovery =	199.76%
Target Compounds			
1) T n-Nonane (C9)	3.356	11056688	101.031 ug/ml
2) T n-Decane (C10)	4.426	11125524	101.748 ug/ml
3) T A~Naphthalene (C11.7)	6.018	12339232	106.182 ug/ml
4) T n-Dodecane (C12)	6.446	11351488	100.868 ug/ml
5) T A~2-methylnaphthalene...	7.078	12592283	107.489 ug/ml
6) T n-Tetradecane (C14)	8.243	11374022	101.841 ug/ml
7) T n-Hexadecane (C16)	9.844	11252314	101.237 ug/ml
8) T n-Octadecane (C18)	11.288	11785812	99.848 ug/ml
10) T n-Eicosane (C20)	12.596	11877170	98.825 ug/ml
11) T n-Heneicosane (C21)	13.208	11843251	98.505 ug/ml
13) T n-Docosane (C22)	13.794	11818583	98.414 ug/ml
14) T n-Tetracosane (C24)	14.896	11720191	98.070 ug/ml
15) T n-Hexacosane (C26)	15.917	11456727	97.770 ug/ml
16) T n-Octacosane (C28)	16.865	11208553	97.632 ug/ml
17) T n-Tricontane (C30)	17.751	10714560	97.794 ug/ml
18) T n-Dotriacontane (C32)	18.582	9747996	97.823 ug/ml
19) T n-Tetratriacontane (C34)	19.364	9083774	99.465 ug/ml
20) T n-Hexatriacontane (C36)	20.100	8544898	102.688 ug/ml
21) T n-Octatriacontane (C38)	20.842	7990996	99.854 ug/ml
22) T n-Tetracontane (C40)	21.770	8135163	101.268 ug/ml

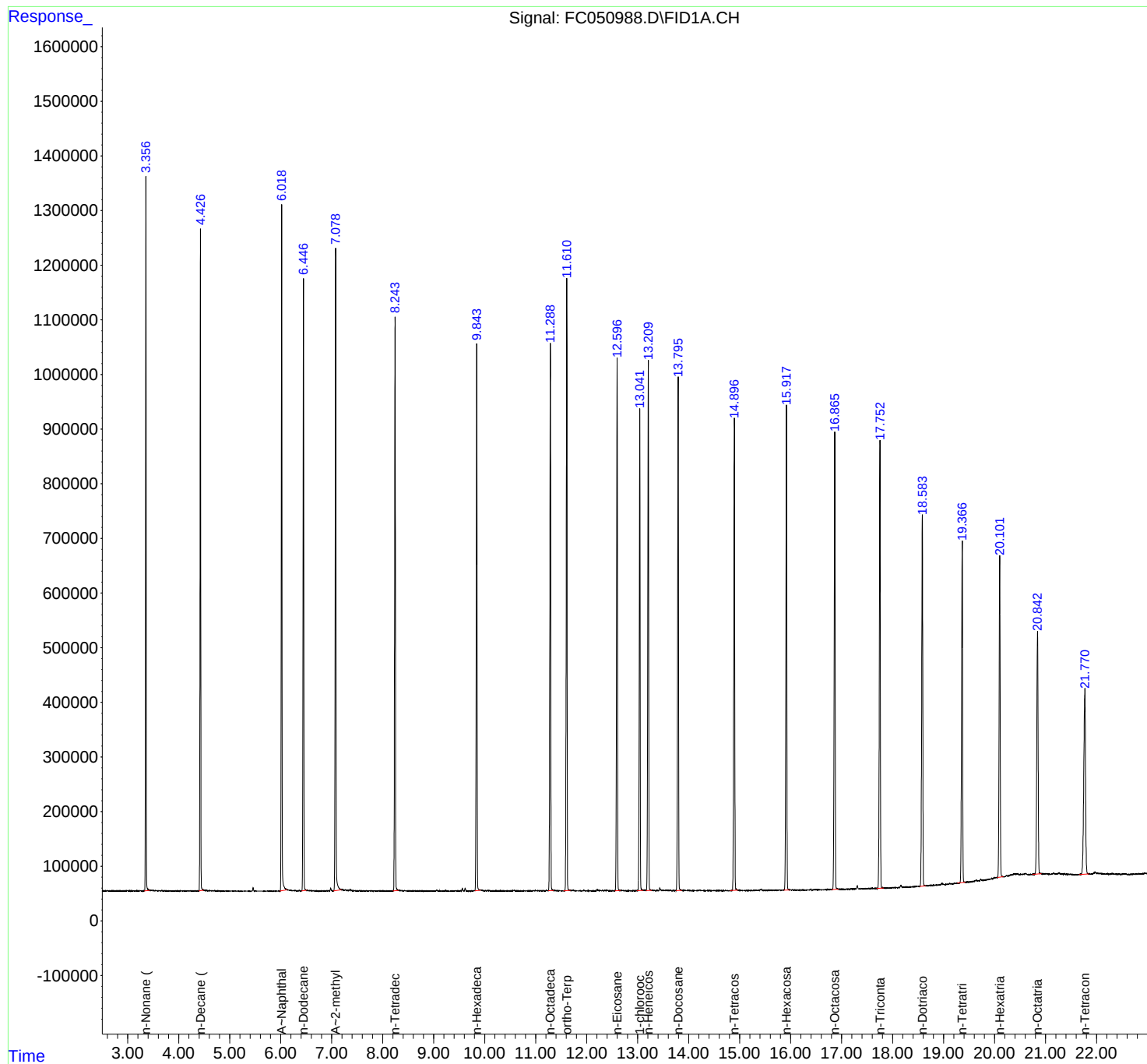
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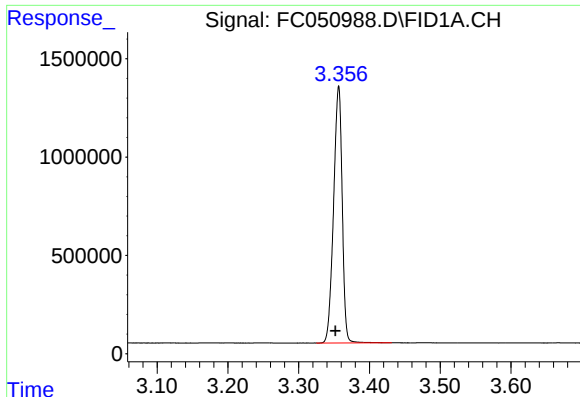
(m)=manual int.

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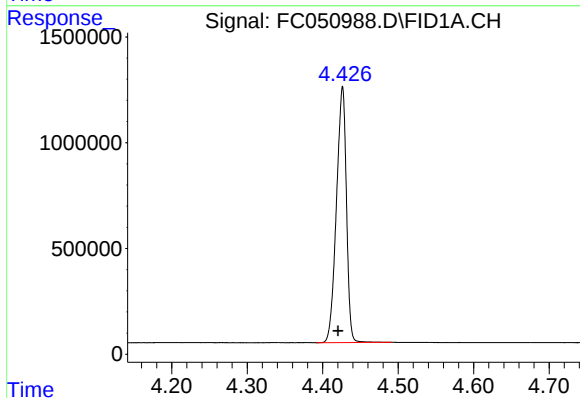
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





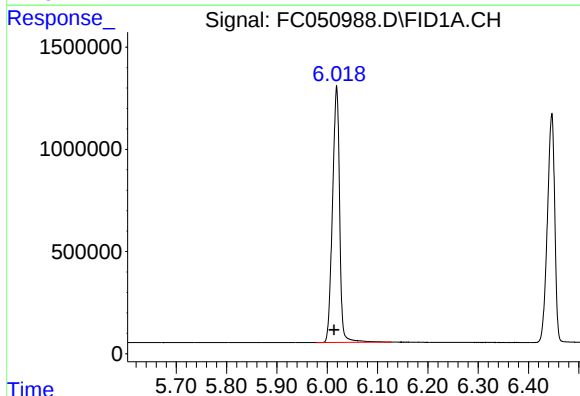
#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: 0.004 min
Response: 11056688
Conc: 101.03 ug/ml



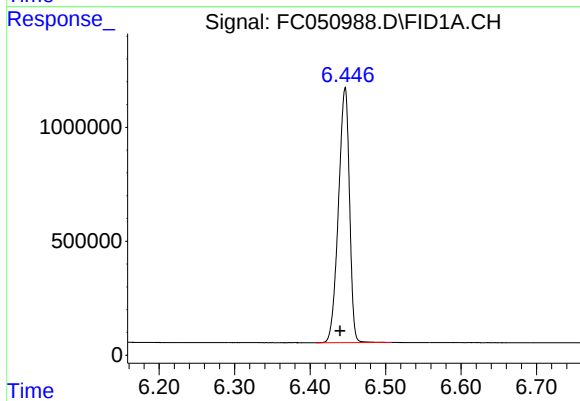
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: 0.005 min
Response: 11125524
Conc: 101.75 ug/ml



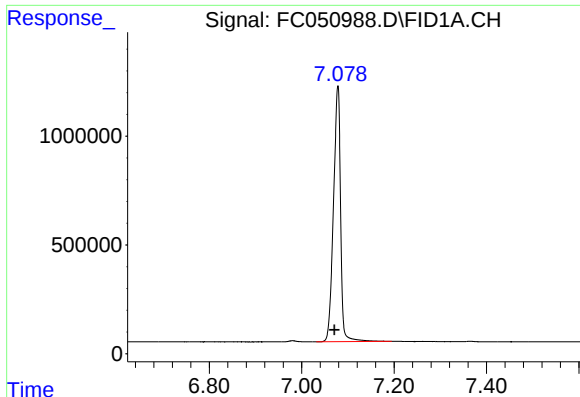
#3 A~Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: 0.005 min
Response: 12339232
Conc: 106.18 ug/ml



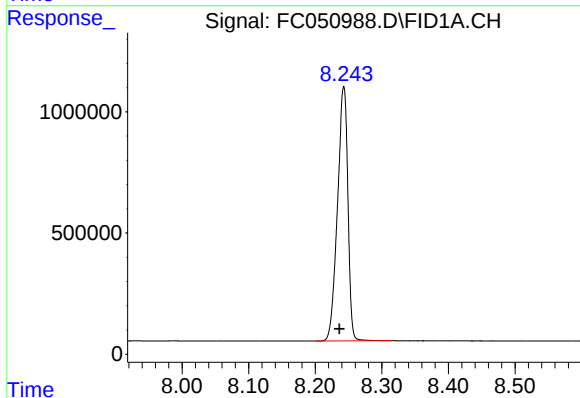
#4 n-Dodecane (C12)

R.T.: 6.446 min
Delta R.T.: 0.006 min
Response: 11351488
Conc: 100.87 ug/ml



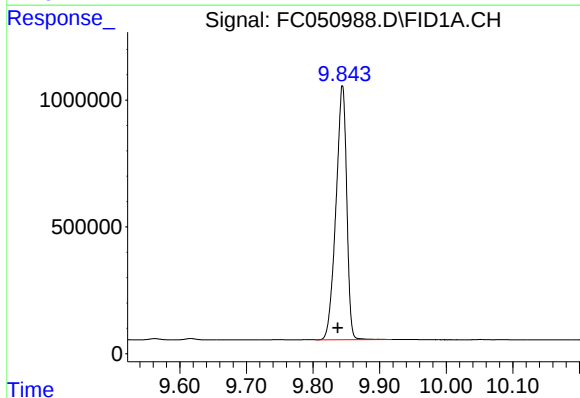
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: 0.006 min
Response: 12592283
Conc: 107.49 ug/ml



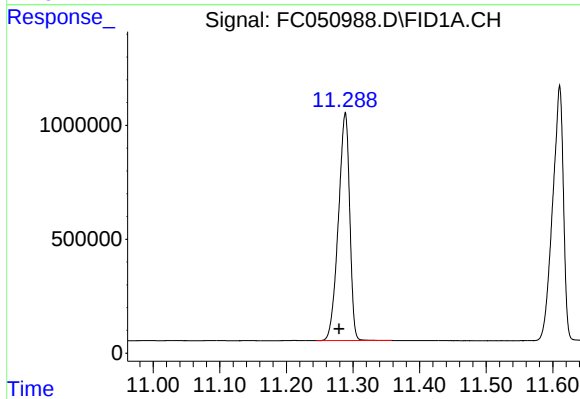
#6 n-Tetradecane (C14)

R.T.: 8.243 min
Delta R.T.: 0.006 min
Response: 11374022
Conc: 101.84 ug/ml



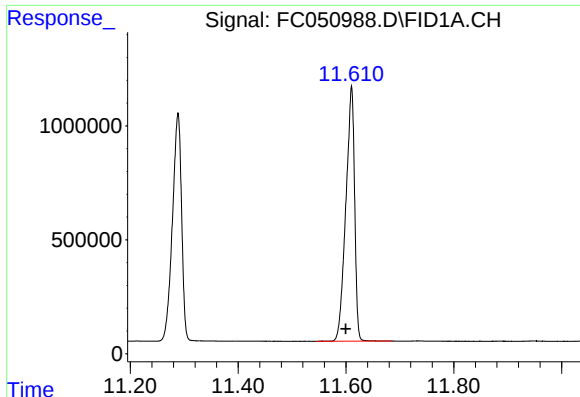
#7 n-Hexadecane (C16)

R.T.: 9.844 min
Delta R.T.: 0.007 min
Response: 11252314
Conc: 101.24 ug/ml



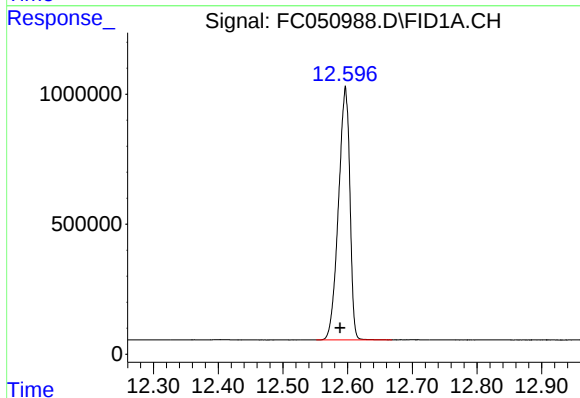
#8 n-Octadecane (C18)

R.T.: 11.288 min
Delta R.T.: 0.009 min
Response: 11785812
Conc: 99.85 ug/ml



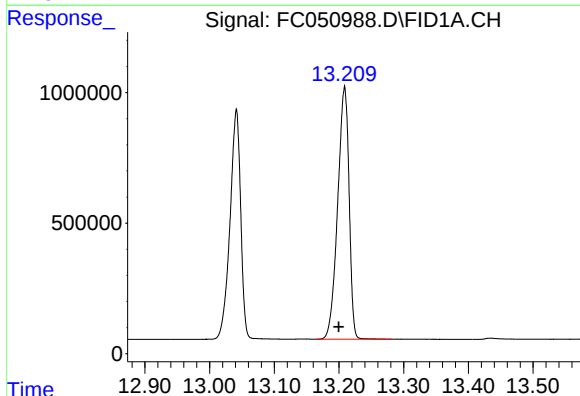
#9 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: 0.010 min
Response: 12634114
Conc: 99.72 ug/ml



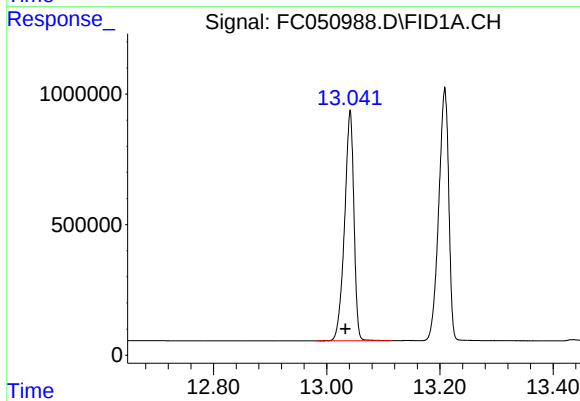
#10 n-Eicosane (C20)

R.T.: 12.596 min
Delta R.T.: 0.008 min
Response: 11877170
Conc: 98.83 ug/ml



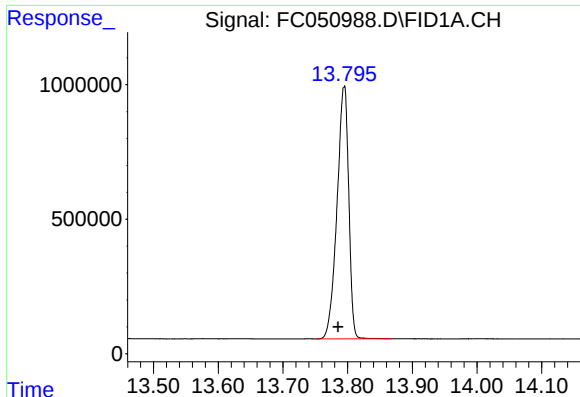
#11 n-Heneicosane (C21)

R.T.: 13.208 min
Delta R.T.: 0.009 min
Response: 11843251
Conc: 98.50 ug/ml



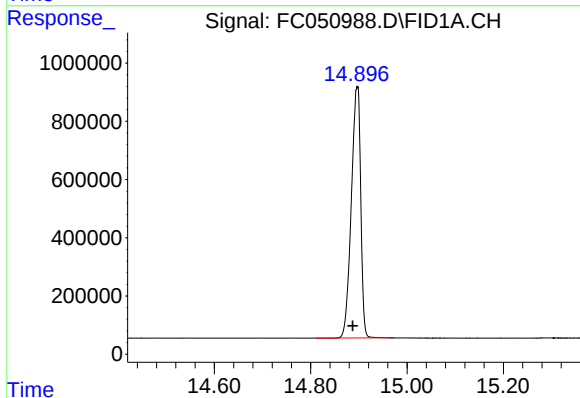
#12 1-chlorooctadecane (SURR)

R.T.: 13.041 min
Delta R.T.: 0.008 min
Response: 10104432
Conc: 99.88 ug/ml



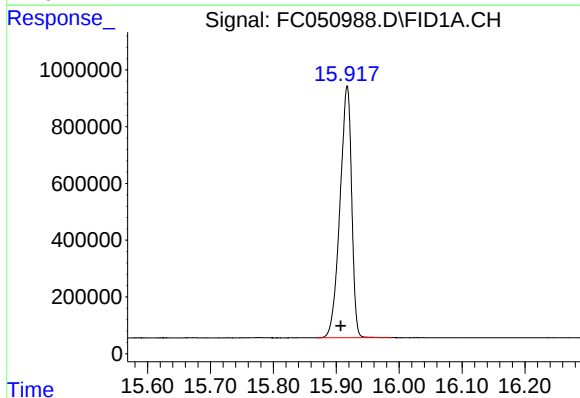
#13 n-Docosane (C22)

R.T.: 13.794 min
Delta R.T.: 0.009 min
Response: 11818583
Conc: 98.41 ug/ml



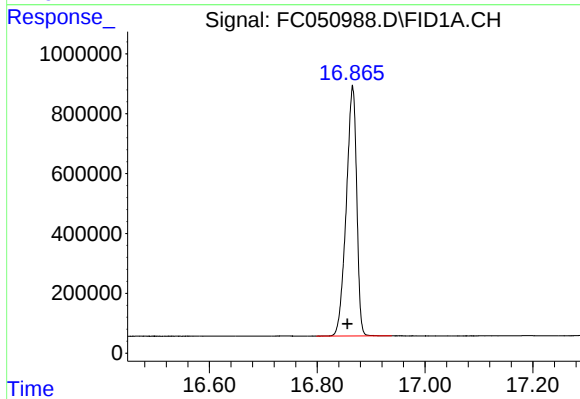
#14 n-Tetracosane (C24)

R.T.: 14.896 min
Delta R.T.: 0.009 min
Response: 11720191
Conc: 98.07 ug/ml



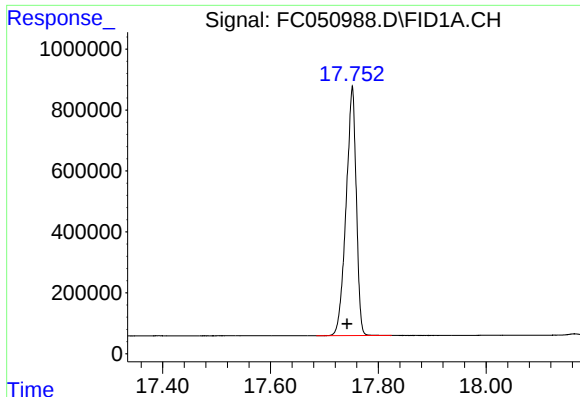
#15 n-Hexacosane (C26)

R.T.: 15.917 min
Delta R.T.: 0.010 min
Response: 11456727
Conc: 97.77 ug/ml



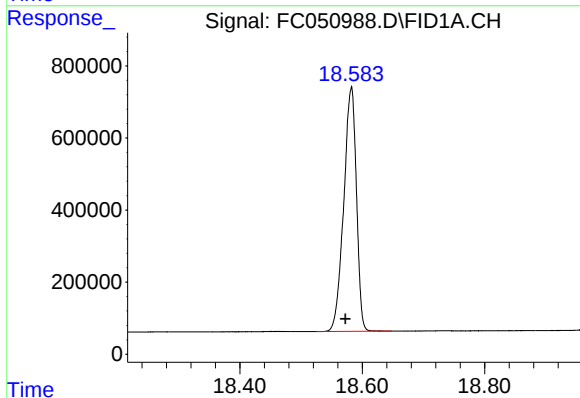
#16 n-Octacosane (C28)

R.T.: 16.865 min
Delta R.T.: 0.009 min
Response: 11208553
Conc: 97.63 ug/ml



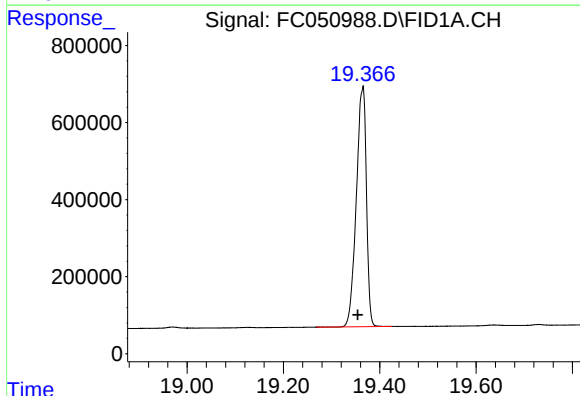
#17 n-Tricontane (C30)

R.T.: 17.751 min
Delta R.T.: 0.009 min
Response: 10714560
Conc: 97.79 ug/ml



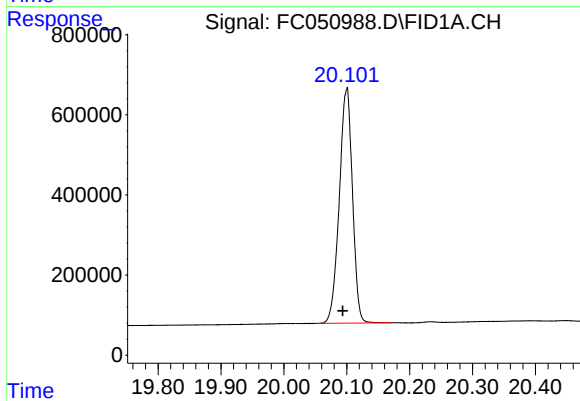
#18 n-Dotriacontane (C32)

R.T.: 18.582 min
Delta R.T.: 0.009 min
Response: 9747996
Conc: 97.82 ug/ml



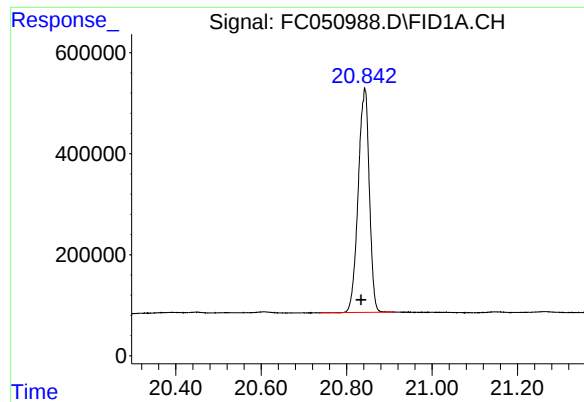
#19 n-Tetratriacontane (C34)

R.T.: 19.364 min
Delta R.T.: 0.010 min
Response: 9083774
Conc: 99.46 ug/ml



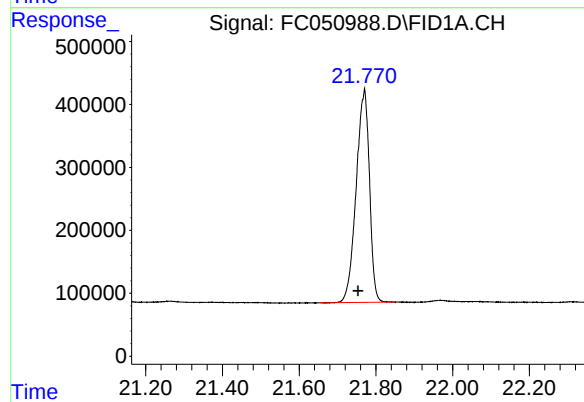
#20 n-Hexatriacontane (C36)

R.T.: 20.100 min
Delta R.T.: 0.006 min
Response: 8544898
Conc: 102.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.842 min
Delta R.T.: 0.008 min
Response: 7990996
Conc: 99.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.770 min
Delta R.T.: 0.016 min
Response: 8135163
Conc: 101.27 ug/ml