

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020921AL\
 Data File : FC051960.D
 Signal(s) : FID1A.CH
 Acq On : 10 Feb 2021 7:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 10 07:43:06 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:48:48 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)	11.693	2516258	19.724 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	13.123	2003363	19.449 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T n-Nonane (C9)	3.445	2325980	21.218 ug/ml
2) T n-Decane (C10)	4.515	2351842	21.280 ug/ml
3) T A~Naphthalene (C11.7)	6.108	2649477	21.249 ug/ml
4) T n-Dodecane (C12)	6.534	2402305	21.328 ug/ml
5) T A~2-methylnaphthalene...	7.165	2702552	21.143 ug/ml
6) T n-Tetradecane (C14)	8.329	2420947	21.256 ug/ml
7) T n-Hexadecane (C16)	9.928	2381655	20.965 ug/ml
8) T n-Octadecane (C18)	11.369	2445879	20.518 ug/ml
10) T n-Eicosane (C20)	12.678	2410465	19.927 ug/ml
11) T n-Heneicosane (C21)	13.288	2374233	19.543 ug/ml
13) T n-Docosane (C22)	13.876	2332040	19.176 ug/ml
14) T n-Tetracosane (C24)	14.976	2246063	18.430 ug/ml
15) T n-Hexacosane (C26)	15.996	2124241	17.747 ug/ml
16) T n-Octacosane (C28)	16.946	2042267	17.456 ug/ml
17) T n-Tricontane (C30)	17.834	1985294	17.682 ug/ml
18) T n-Dotriacontane (C32)	18.664	1926868	18.622 ug/ml
19) T n-Tetratriacontane (C34)	19.447	1905773	20.137 ug/ml
20) T n-Hexatriacontane (C36)	20.186	1855435	21.307 ug/ml
21) T n-Octatriacontane (C38)	20.940	1792580	21.841 ug/ml
22) T n-Tetracontane (C40)	21.884	1851362	21.670 ug/ml

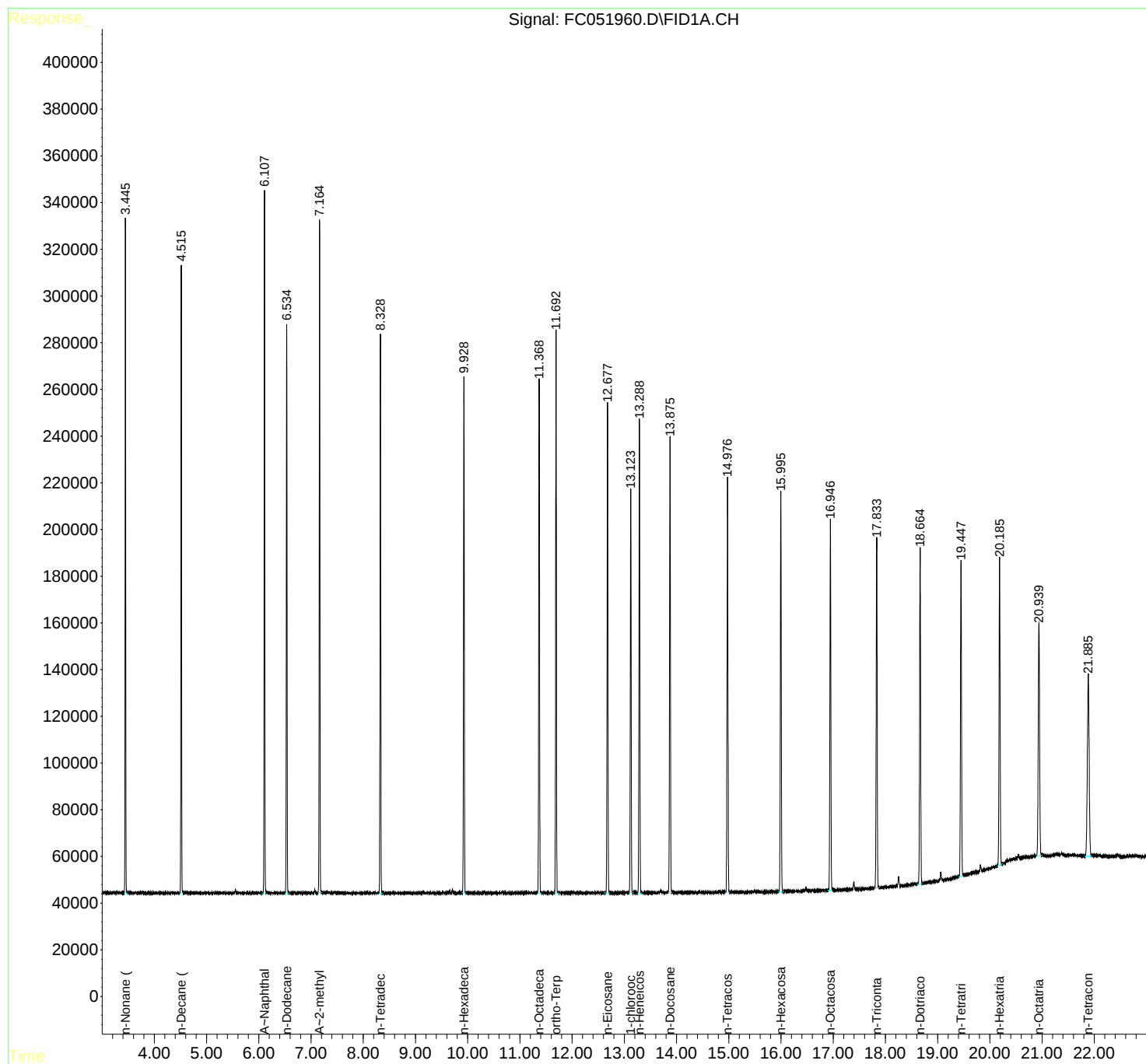
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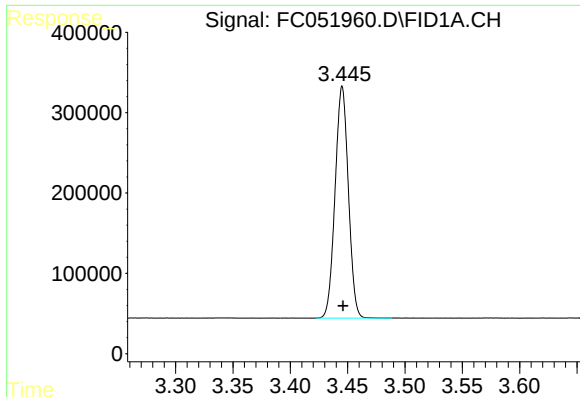
(m)=manual int.

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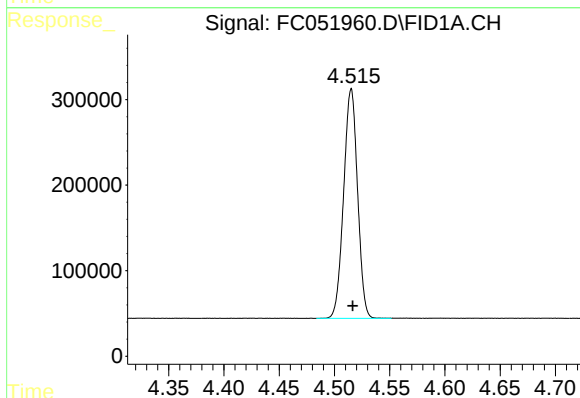
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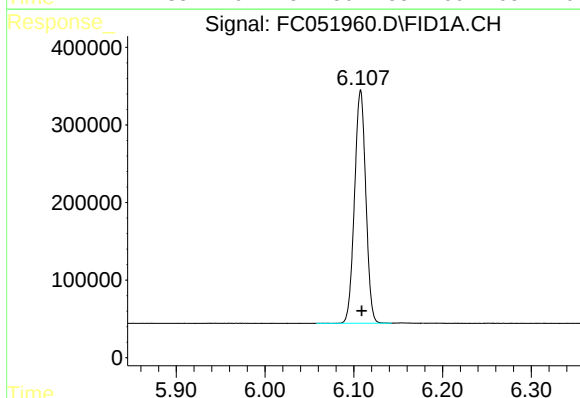
#1 n-Nonane (C9)

R.T.: 3.445 min
Delta R.T.: 0.000 min
Response: 2325980
Conc: 21.22 ug/ml



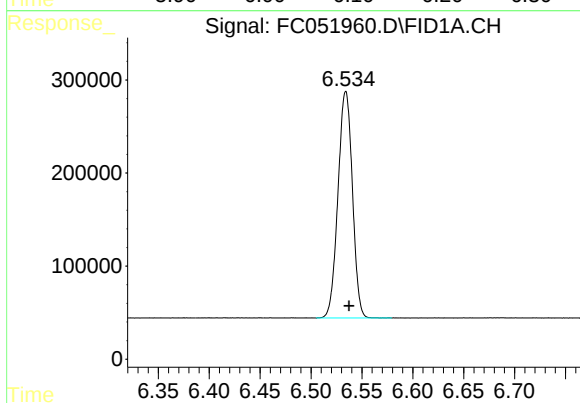
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 2351842
Conc: 21.28 ug/ml



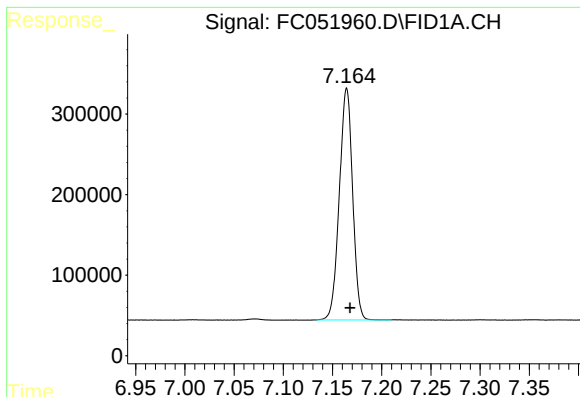
#3 A~Naphthalene (C11.7)

R.T.: 6.108 min
Delta R.T.: -0.001 min
Response: 2649477
Conc: 21.25 ug/ml



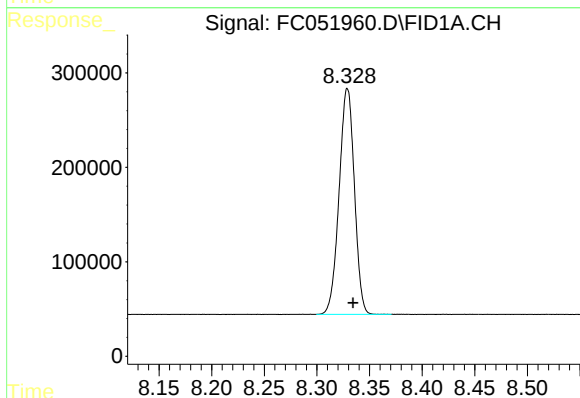
#4 n-Dodecane (C12)

R.T.: 6.534 min
Delta R.T.: -0.003 min
Response: 2402305
Conc: 21.33 ug/ml



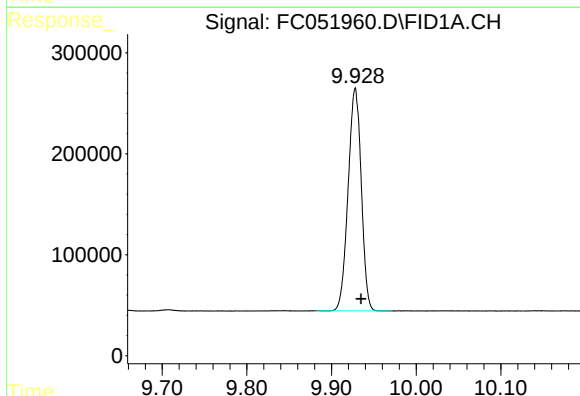
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.165 min
Delta R.T.: -0.003 min
Response: 2702552
Conc: 21.14 ug/ml



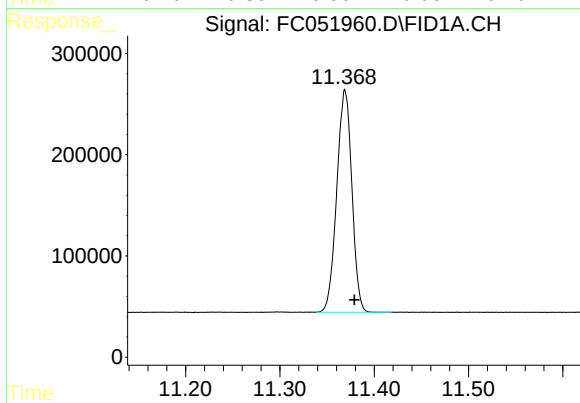
#6 n-Tetradecane (C14)

R.T.: 8.329 min
Delta R.T.: -0.005 min
Response: 2420947
Conc: 21.26 ug/ml



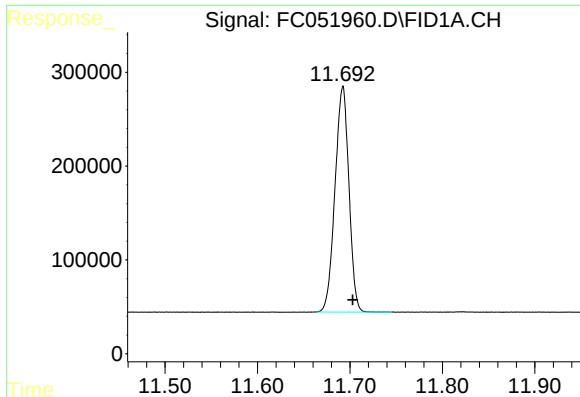
#7 n-Hexadecane (C16)

R.T.: 9.928 min
Delta R.T.: -0.007 min
Response: 2381655
Conc: 20.97 ug/ml



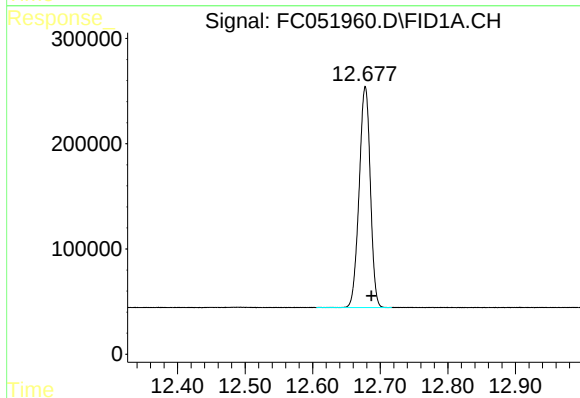
#8 n-Octadecane (C18)

R.T.: 11.369 min
Delta R.T.: -0.010 min
Response: 2445879
Conc: 20.52 ug/ml



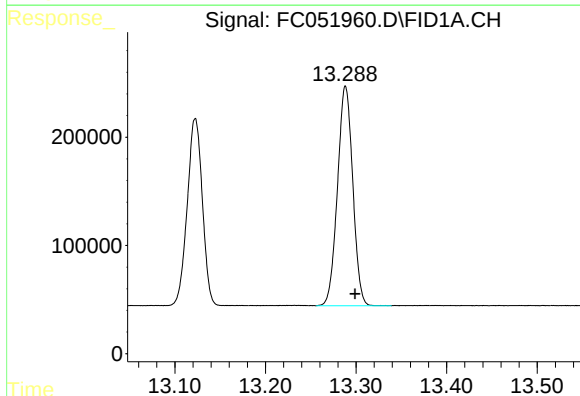
#9 ortho-Terphenyl (SURR)

R.T.: 11.693 min
Delta R.T.: -0.010 min
Response: 2516258
Conc: 19.72 ug/ml



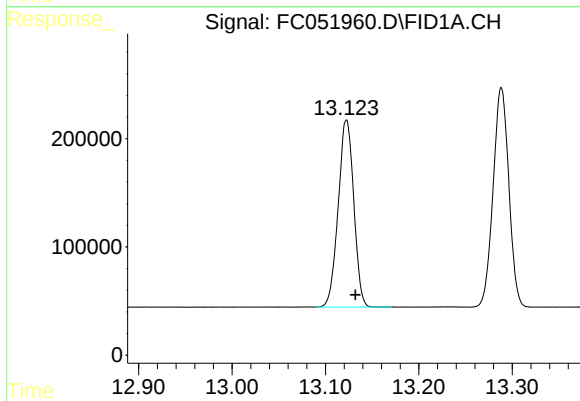
#10 n-Eicosane (C20)

R.T.: 12.678 min
Delta R.T.: -0.009 min
Response: 2410465
Conc: 19.93 ug/ml



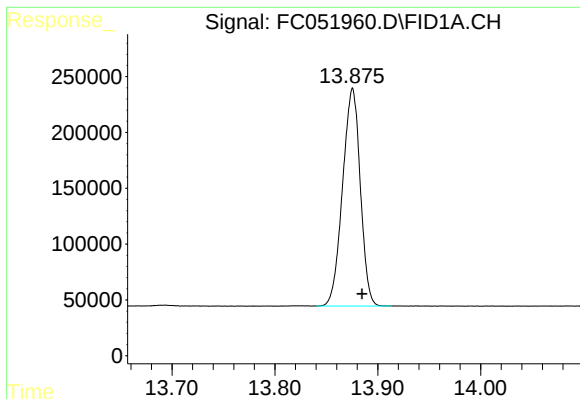
#11 n-Heneicosane (C21)

R.T.: 13.288 min
Delta R.T.: -0.011 min
Response: 2374233
Conc: 19.54 ug/ml



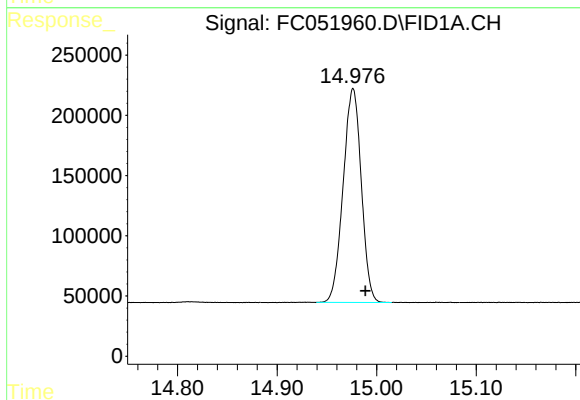
#12 1-chlorooctadecane (SURR)

R.T.: 13.123 min
Delta R.T.: -0.009 min
Response: 2003363
Conc: 19.45 ug/ml



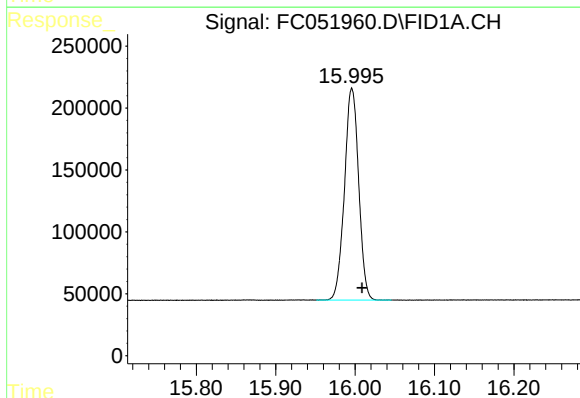
#13 n-Docosane (C22)

R.T.: 13.876 min
Delta R.T.: -0.009 min
Response: 2332040
Conc: 19.18 ug/ml



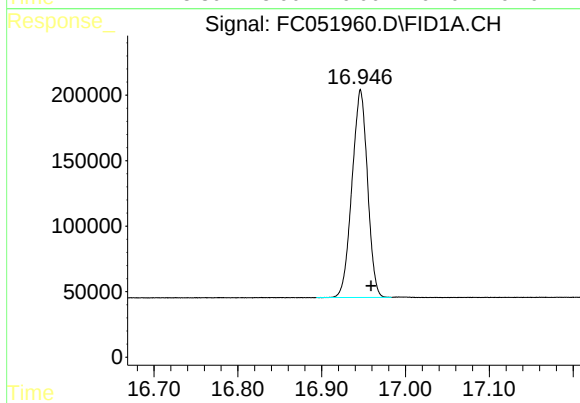
#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: -0.012 min
Response: 2246063
Conc: 18.43 ug/ml



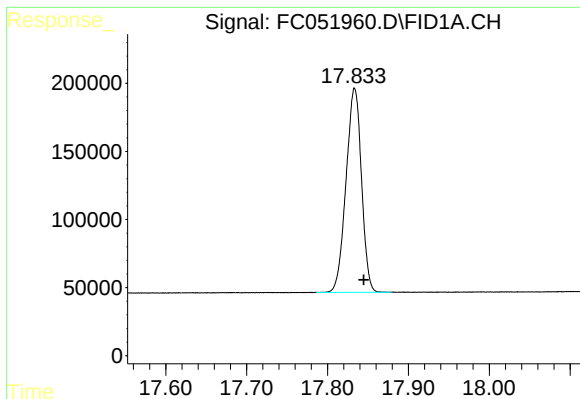
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: -0.013 min
Response: 2124241
Conc: 17.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.946 min
Delta R.T.: -0.012 min
Response: 2042267
Conc: 17.46 ug/ml



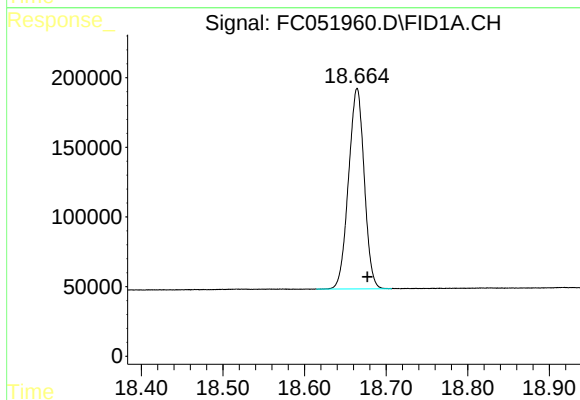
#17 n-Tricontane (C30)

R.T.: 17.834 min

Delta R.T.: -0.011 min

Response: 1985294

Conc: 17.68 ug/ml



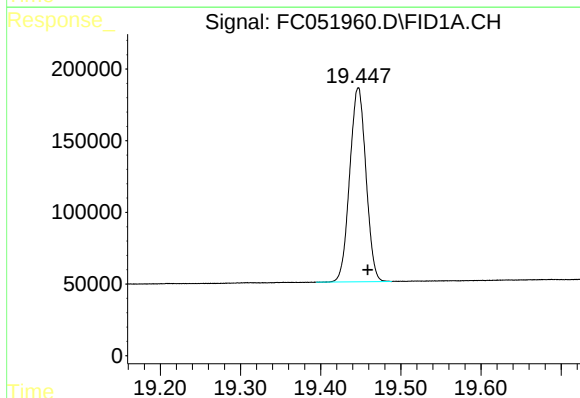
#18 n-Dotriacontane (C32)

R.T.: 18.664 min

Delta R.T.: -0.012 min

Response: 1926868

Conc: 18.62 ug/ml



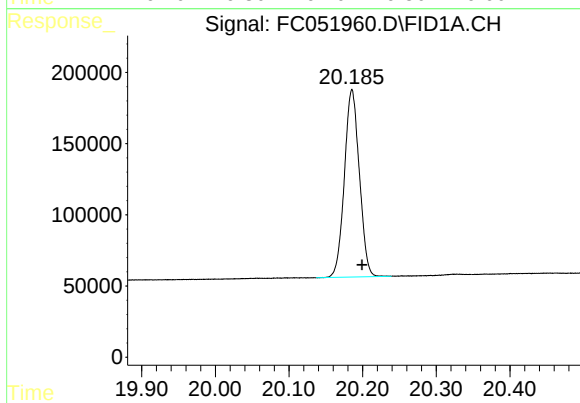
#19 n-Tetratriacontane (C34)

R.T.: 19.447 min

Delta R.T.: -0.012 min

Response: 1905773

Conc: 20.14 ug/ml



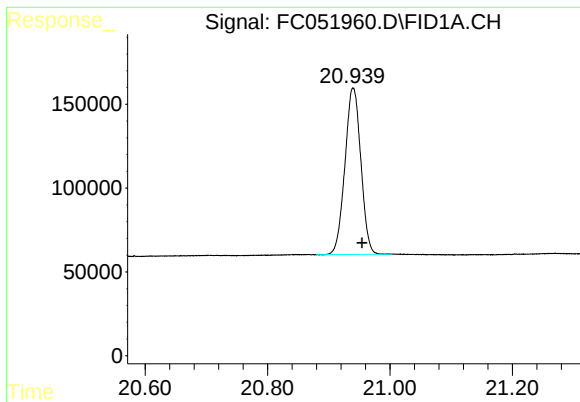
#20 n-Hexatriacontane (C36)

R.T.: 20.186 min

Delta R.T.: -0.014 min

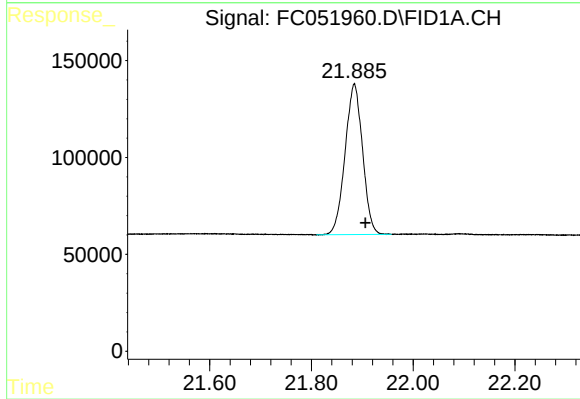
Response: 1855435

Conc: 21.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: -0.015 min
Response: 1792580
Conc: 21.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.884 min
Delta R.T.: -0.022 min
Response: 1851362
Conc: 21.67 ug/ml