

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021021AL\
 Data File : FC051995.D
 Signal(s) : FID1A.CH
 Acq On : 11 Feb 2021 7:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 11 08:01:53 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)	11.696	2428064	19.033 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
12) S 1-chlorooctadecane (S...	13.127	1916219	18.603 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
Target Compounds			
1) T n-Nonane (C9)	3.448	2348189	21.421 ug/ml
2) T n-Decane (C10)	4.517	2379723	21.532 ug/ml
3) T A~Naphthalene (C11.7)	6.112	2651166	21.263 ug/ml
4) T n-Dodecane (C12)	6.537	2428332	21.559 ug/ml
5) T A~2-methylnaphthalene...	7.169	2693267	21.070 ug/ml
6) T n-Tetradecane (C14)	8.332	2423470	21.278 ug/ml
7) T n-Hexadecane (C16)	9.931	2359825	20.773 ug/ml
8) T n-Octadecane (C18)	11.373	2388401	20.036 ug/ml
10) T n-Eicosane (C20)	12.682	2325739	19.226 ug/ml
11) T n-Heneicosane (C21)	13.294	2271783	18.700 ug/ml
13) T n-Docosane (C22)	13.879	2227521	18.316 ug/ml
14) T n-Tetracosane (C24)	14.982	2148265	17.627 ug/ml
15) T n-Hexacosane (C26)	16.002	2047870	17.109 ug/ml
16) T n-Octacosane (C28)	16.952	1993213	17.037 ug/ml
17) T n-Tricontane (C30)	17.838	1987292	17.699 ug/ml
18) T n-Dotriacontane (C32)	18.671	1950506	18.850 ug/ml
19) T n-Tetratriacontane (C34)	19.455	1931609	20.410 ug/ml
20) T n-Hexatriacontane (C36)	20.194	1954282	22.442 ug/ml
21) T n-Octatriacontane (C38)	20.948	1847727	22.513 ug/ml
22) T n-Tetracontane (C40)	21.898	1857468	21.741 ug/ml

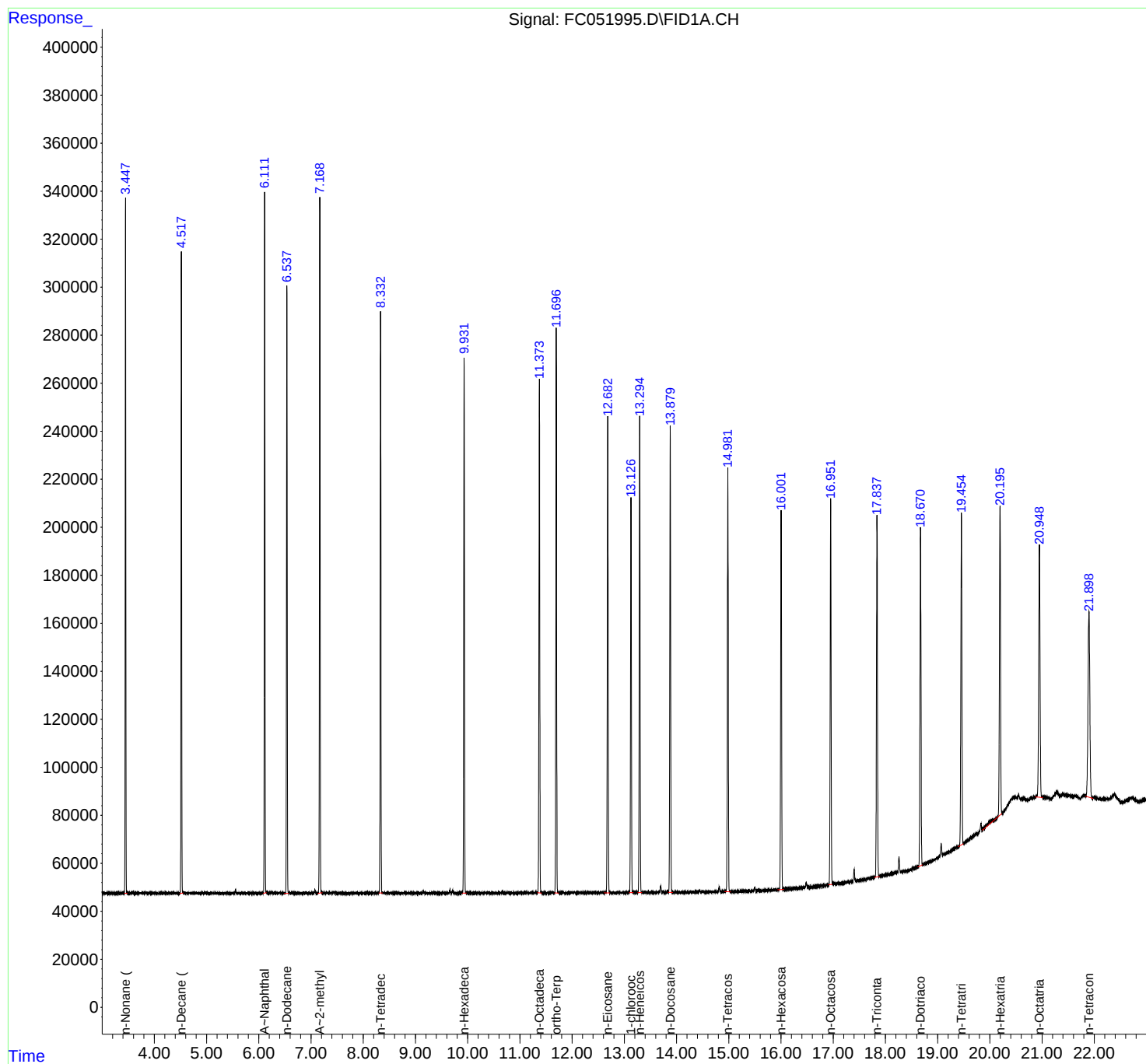
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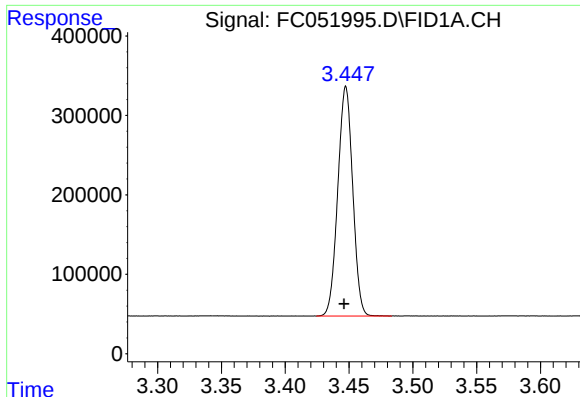
(m)=manual int.

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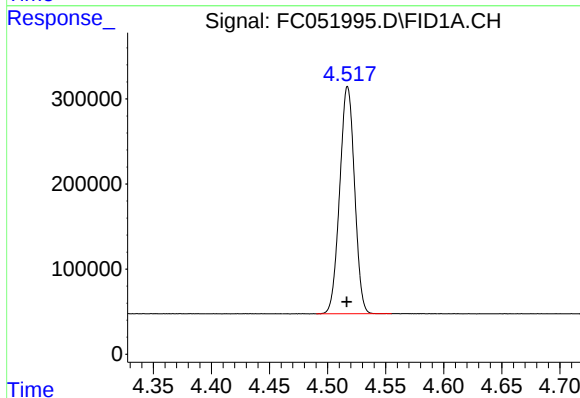
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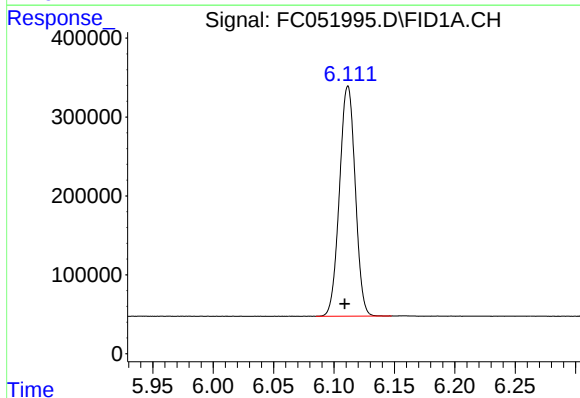
#1 n-Nonane (C9)

R.T.: 3.448 min
Delta R.T.: 0.002 min
Response: 2348189
Conc: 21.42 ug/ml



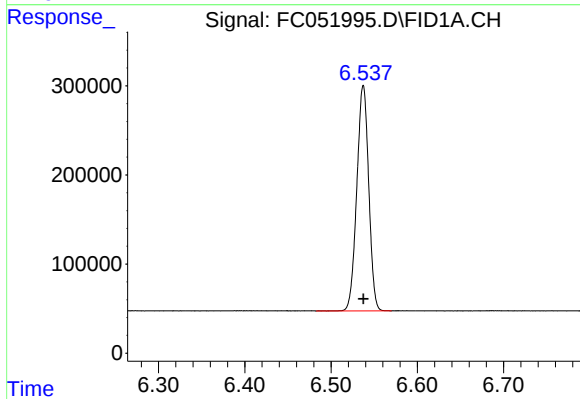
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2379723
Conc: 21.53 ug/ml



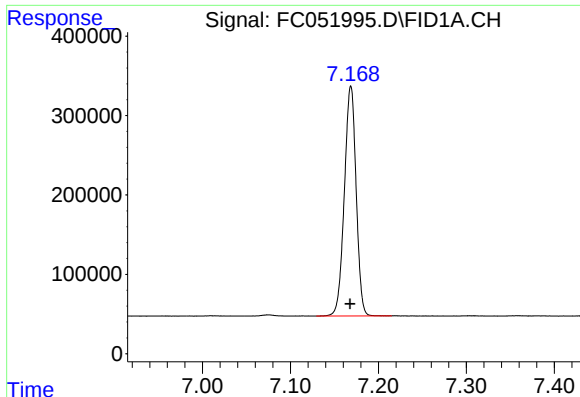
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min
Delta R.T.: 0.003 min
Response: 2651166
Conc: 21.26 ug/ml



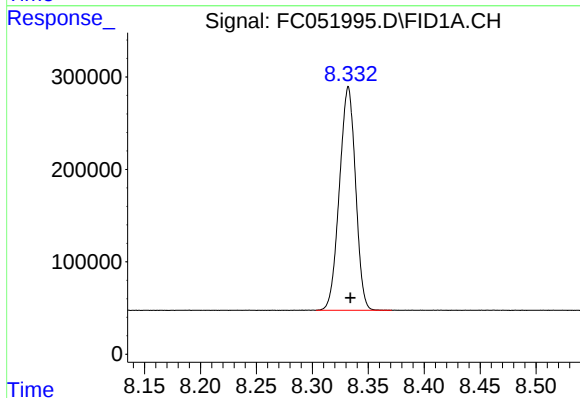
#4 n-Dodecane (C12)

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 2428332
Conc: 21.56 ug/ml



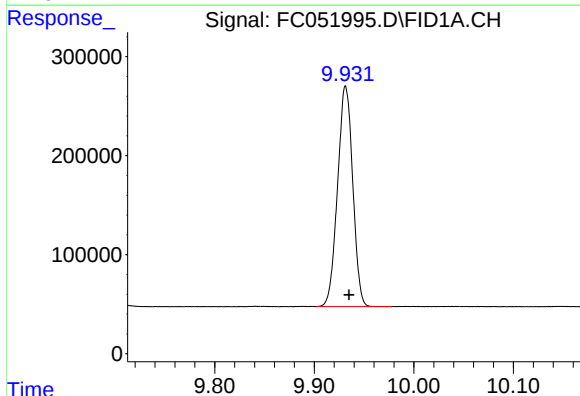
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.169 min
Delta R.T.: 0.000 min
Response: 2693267
Conc: 21.07 ug/ml



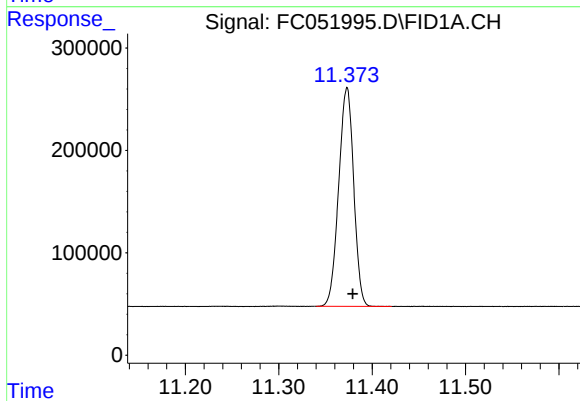
#6 n-Tetradecane (C14)

R.T.: 8.332 min
Delta R.T.: -0.002 min
Response: 2423470
Conc: 21.28 ug/ml



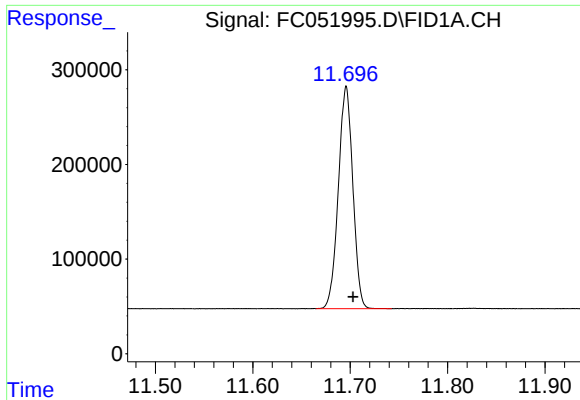
#7 n-Hexadecane (C16)

R.T.: 9.931 min
Delta R.T.: -0.004 min
Response: 2359825
Conc: 20.77 ug/ml



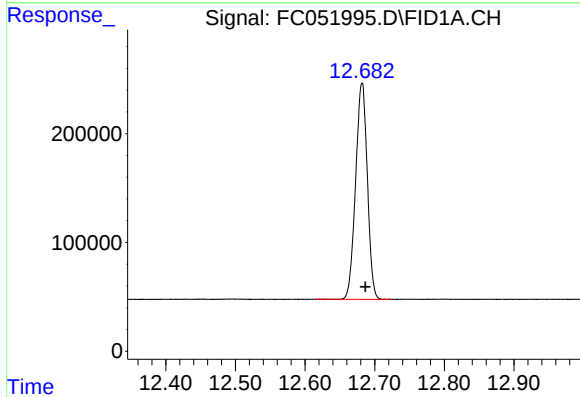
#8 n-Octadecane (C18)

R.T.: 11.373 min
Delta R.T.: -0.006 min
Response: 2388401
Conc: 20.04 ug/ml



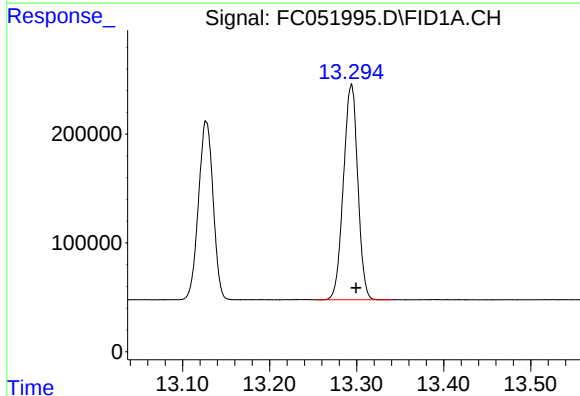
#9 ortho-Terphenyl (SURR)

R.T.: 11.696 min
Delta R.T.: -0.007 min
Response: 2428064
Conc: 19.03 ug/ml



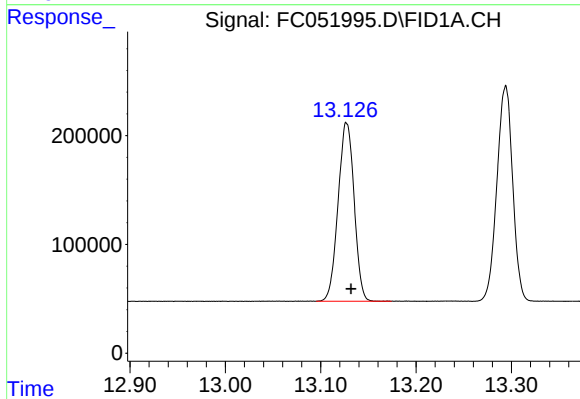
#10 n-Eicosane (C20)

R.T.: 12.682 min
Delta R.T.: -0.005 min
Response: 2325739
Conc: 19.23 ug/ml



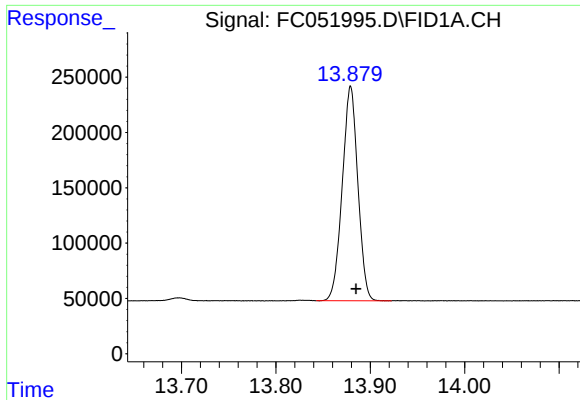
#11 n-Heneicosane (C21)

R.T.: 13.294 min
Delta R.T.: -0.005 min
Response: 2271783
Conc: 18.70 ug/ml



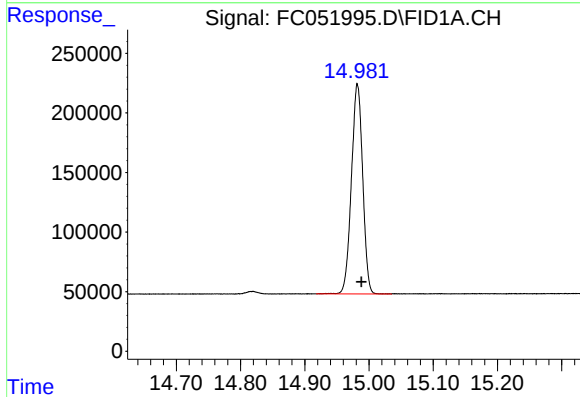
#12 1-chlorooctadecane (SURR)

R.T.: 13.127 min
Delta R.T.: -0.005 min
Response: 1916219
Conc: 18.60 ug/ml



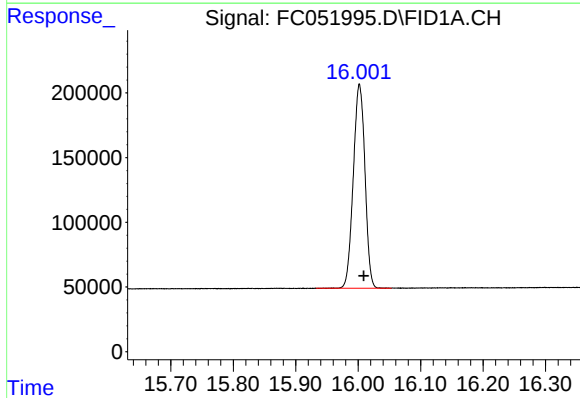
#13 n-Docosane (C22)

R.T.: 13.879 min
Delta R.T.: -0.006 min
Response: 2227521
Conc: 18.32 ug/ml



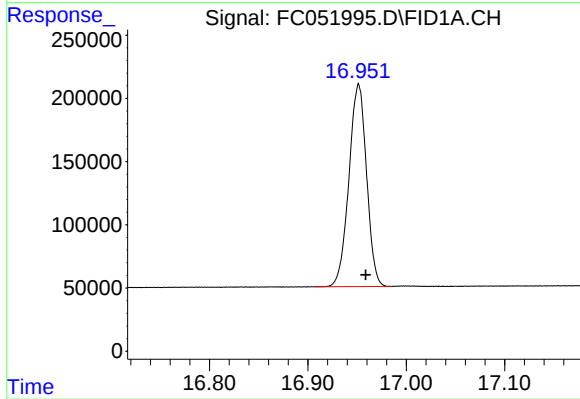
#14 n-Tetracosane (C24)

R.T.: 14.982 min
Delta R.T.: -0.007 min
Response: 2148265
Conc: 17.63 ug/ml



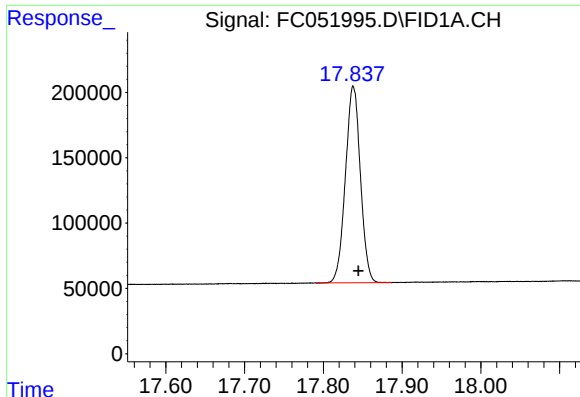
#15 n-Hexacosane (C26)

R.T.: 16.002 min
Delta R.T.: -0.007 min
Response: 2047870
Conc: 17.11 ug/ml



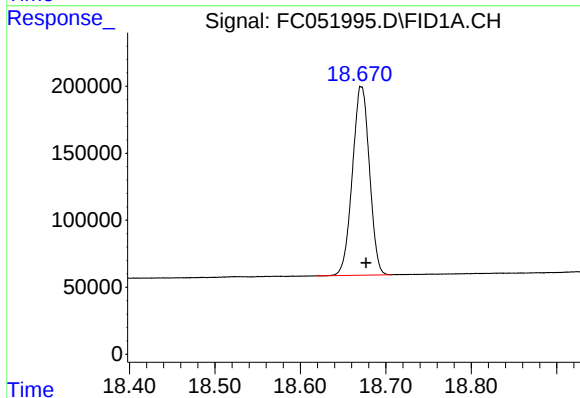
#16 n-Octacosane (C28)

R.T.: 16.952 min
Delta R.T.: -0.007 min
Response: 1993213
Conc: 17.04 ug/ml



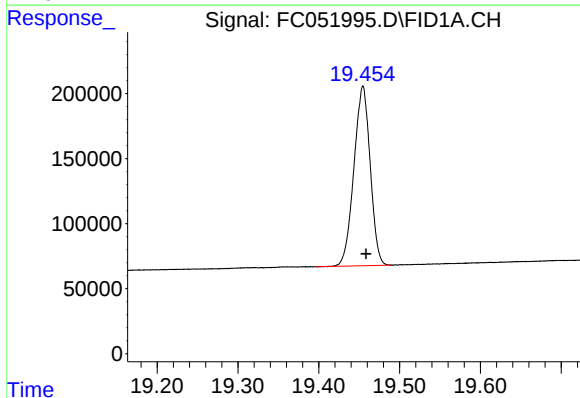
#17 n-Tricontane (C30)

R.T.: 17.838 min
Delta R.T.: -0.007 min
Response: 1987292
Conc: 17.70 ug/ml



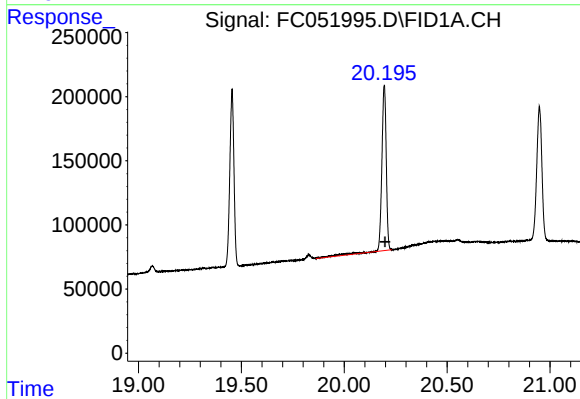
#18 n-Dotriacontane (C32)

R.T.: 18.671 min
Delta R.T.: -0.006 min
Response: 1950506
Conc: 18.85 ug/ml



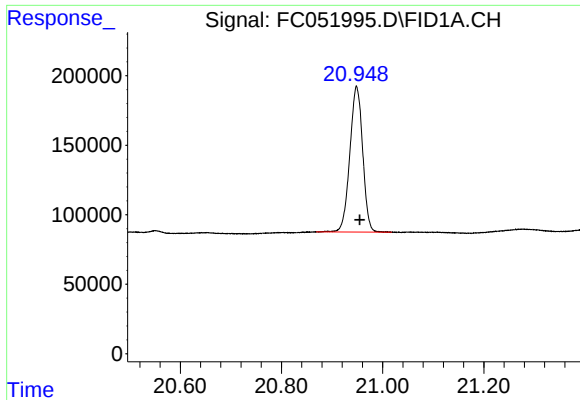
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: -0.004 min
Response: 1931609
Conc: 20.41 ug/ml



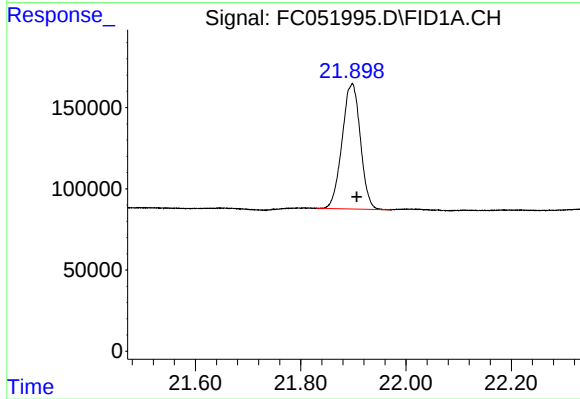
#20 n-Hexatriacontane (C36)

R.T.: 20.194 min
Delta R.T.: -0.005 min
Response: 1954282
Conc: 22.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.948 min
Delta R.T.: -0.006 min
Response: 1847727
Conc: 22.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.898 min
Delta R.T.: -0.008 min
Response: 1857468
Conc: 21.74 ug/ml