

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012821AL\
 Data File : FC051829.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jan 2021 1:58
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 03:59:57 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	2459133	19.276 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
12) S 1-chlorooctadecane (S...	13.124	1955048	18.980 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	3.444	2272467	20.730 ug/ml
2) T n-Decane (C10)	4.513	2304062	20.847 ug/ml
3) T A~Naphthalene (C11.7)	6.106	2593455	20.800 ug/ml
4) T n-Dodecane (C12)	6.533	2348396	20.849 ug/ml
5) T A~2-methylnaphthalene...	7.163	2643706	20.683 ug/ml
6) T n-Tetradecane (C14)	8.329	2363362	20.750 ug/ml
7) T n-Hexadecane (C16)	9.929	2323783	20.456 ug/ml
8) T n-Octadecane (C18)	11.370	2384360	20.002 ug/ml
10) T n-Eicosane (C20)	12.679	2344223	19.379 ug/ml
11) T n-Heneicosane (C21)	13.290	2306869	18.989 ug/ml
13) T n-Docosane (C22)	13.877	2267440	18.644 ug/ml
14) T n-Tetracosane (C24)	14.979	2172381	17.825 ug/ml
15) T n-Hexacosane (C26)	15.999	2052435	17.147 ug/ml
16) T n-Octacosane (C28)	16.949	1969513	16.834 ug/ml
17) T n-Tricontane (C30)	17.836	1918882	17.090 ug/ml
18) T n-Dotriacontane (C32)	18.668	1860575	17.981 ug/ml
19) T n-Tetratriacontane (C34)	19.451	1825691	19.290 ug/ml
20) T n-Hexatriacontane (C36)	20.189	1777292	20.410 ug/ml
21) T n-Octatriacontane (C38)	20.946	1720890	20.968 ug/ml
22) T n-Tetracontane (C40)	21.891	1780619	20.842 ug/ml

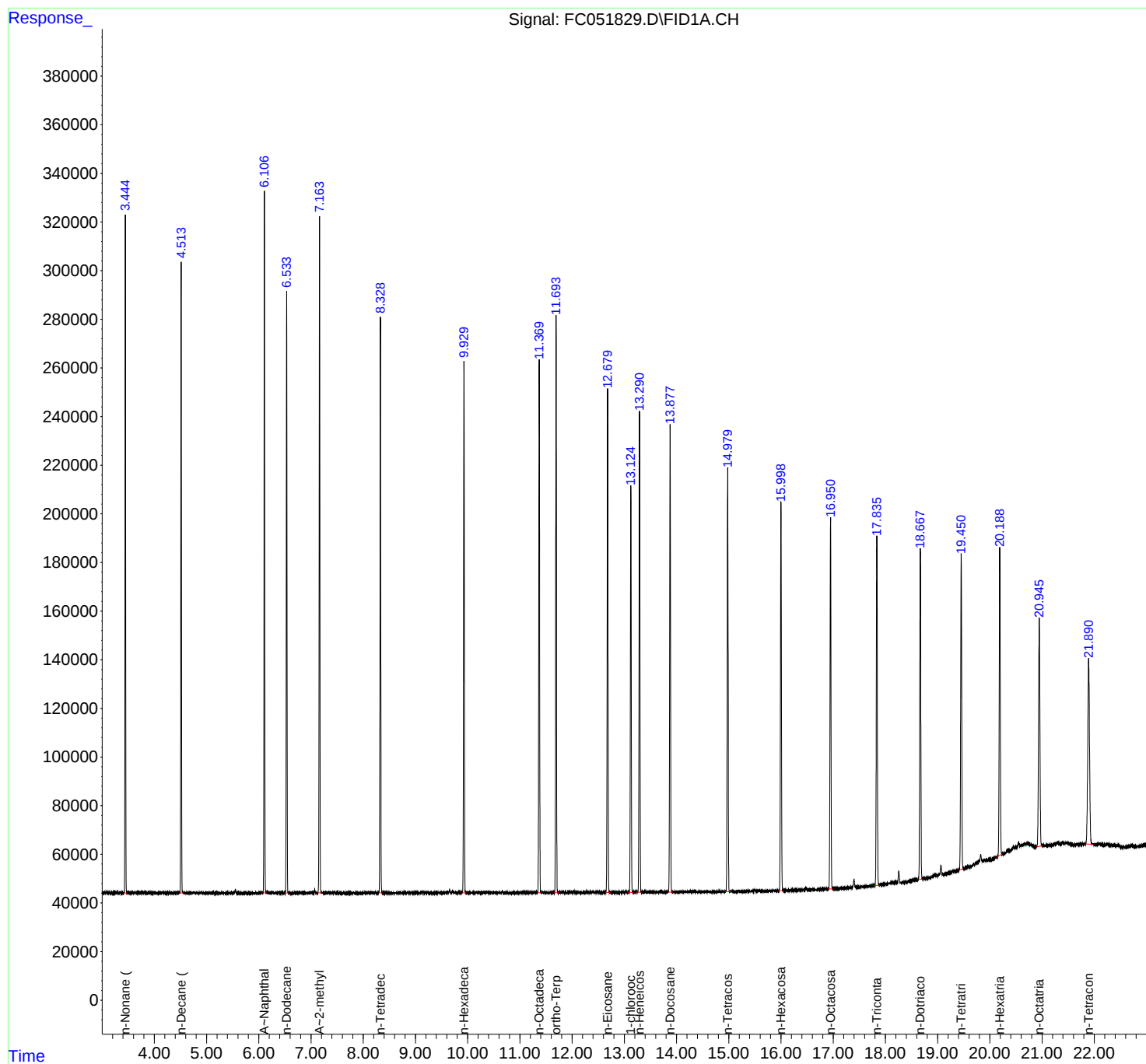
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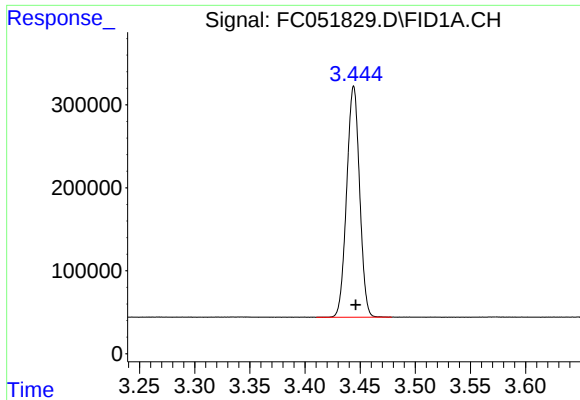
(m)=manual int.

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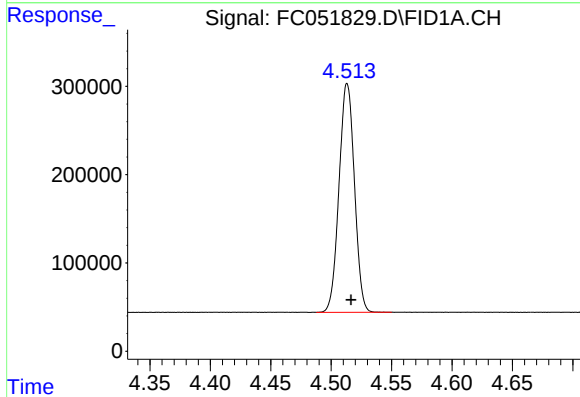
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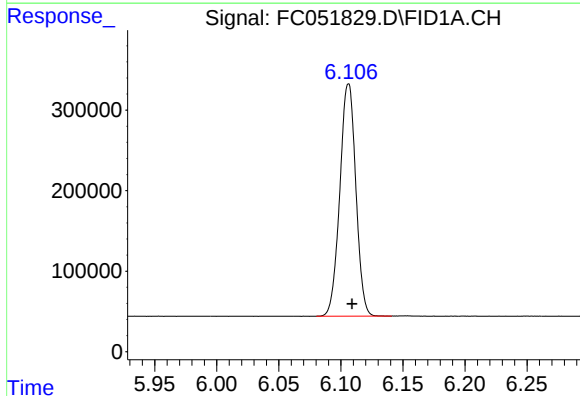
#1 n-Nonane (C9)

R.T.: 3.444 min
Delta R.T.: -0.002 min
Response: 2272467
Conc: 20.73 ug/ml



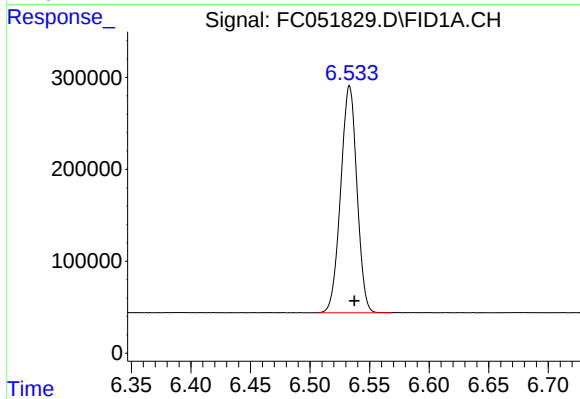
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.003 min
Response: 2304062
Conc: 20.85 ug/ml



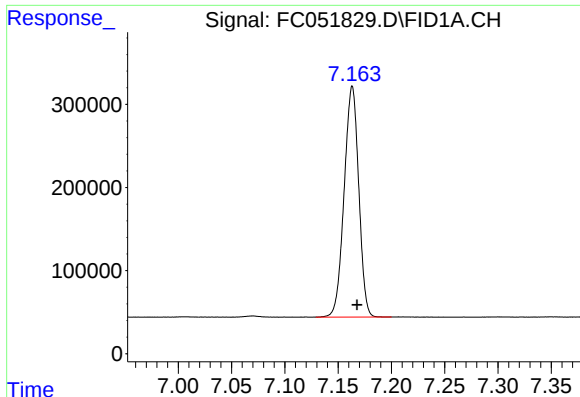
#3 A~Naphthalene (C11.7)

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 2593455
Conc: 20.80 ug/ml



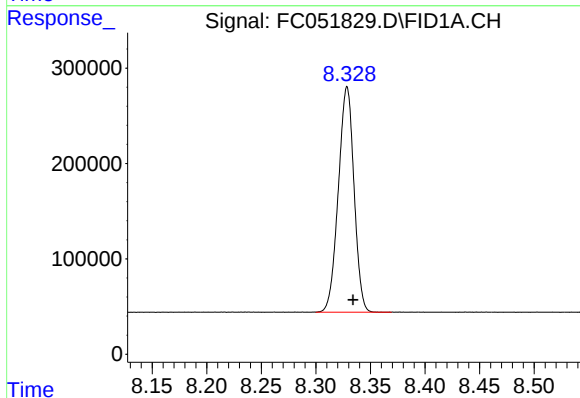
#4 n-Dodecane (C12)

R.T.: 6.533 min
Delta R.T.: -0.004 min
Response: 2348396
Conc: 20.85 ug/ml



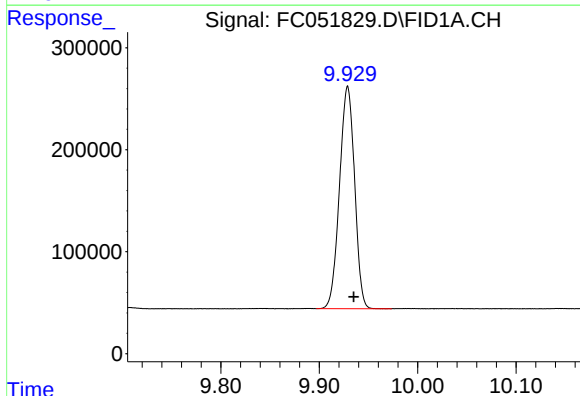
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.163 min
Delta R.T.: -0.005 min
Response: 2643706
Conc: 20.68 ug/ml



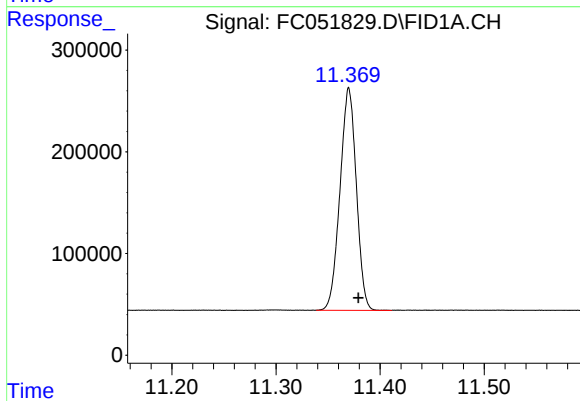
#6 n-Tetradecane (C14)

R.T.: 8.329 min
Delta R.T.: -0.006 min
Response: 2363362
Conc: 20.75 ug/ml



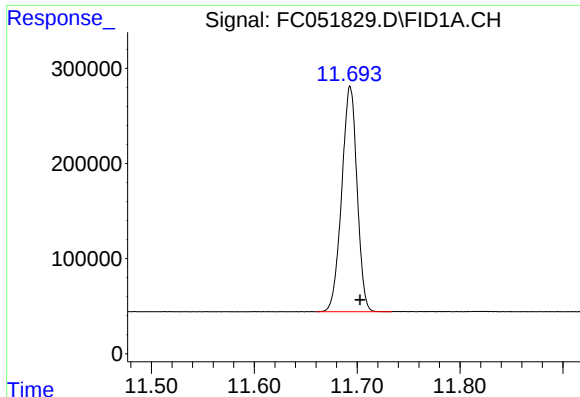
#7 n-Hexadecane (C16)

R.T.: 9.929 min
Delta R.T.: -0.006 min
Response: 2323783
Conc: 20.46 ug/ml



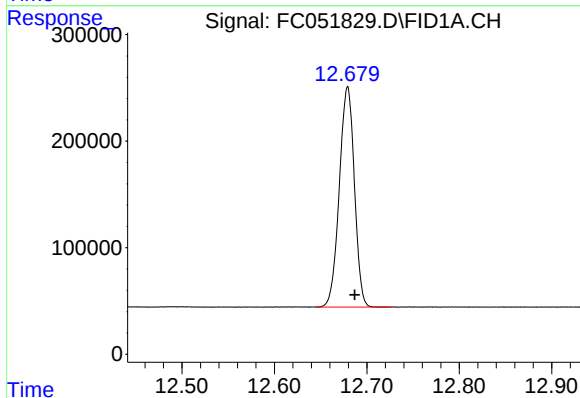
#8 n-Octadecane (C18)

R.T.: 11.370 min
Delta R.T.: -0.009 min
Response: 2384360
Conc: 20.00 ug/ml



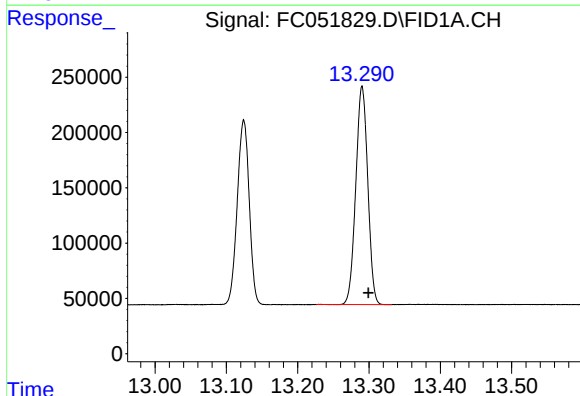
#9 ortho-Terphenyl (SURR)

R.T.: 11.693 min
Delta R.T.: -0.010 min
Response: 2459133
Conc: 19.28 ug/ml



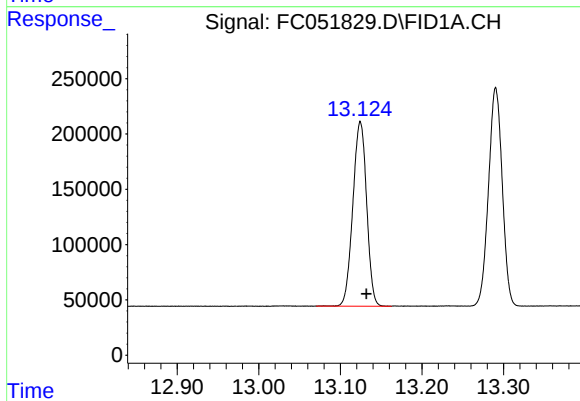
#10 n-Eicosane (C20)

R.T.: 12.679 min
Delta R.T.: -0.008 min
Response: 2344223
Conc: 19.38 ug/ml



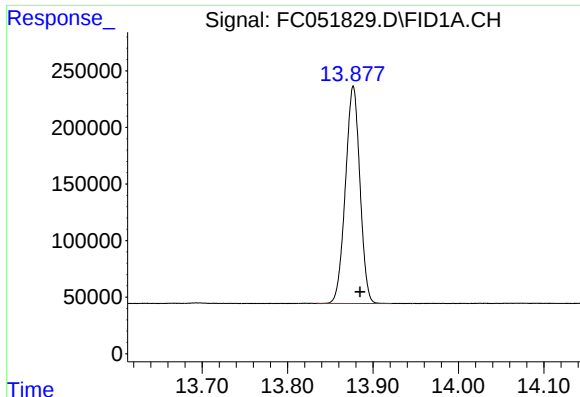
#11 n-Heneicosane (C21)

R.T.: 13.290 min
Delta R.T.: -0.009 min
Response: 2306869
Conc: 18.99 ug/ml



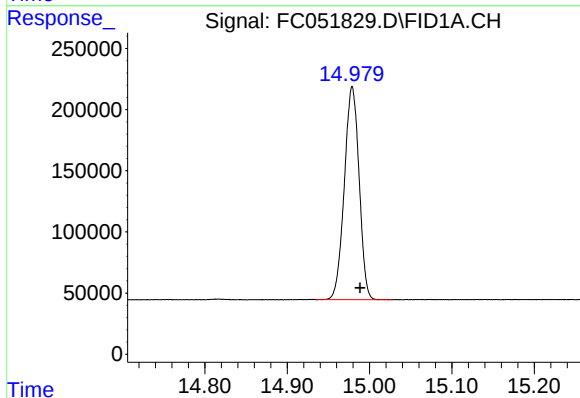
#12 1-chlorooctadecane (SURR)

R.T.: 13.124 min
Delta R.T.: -0.008 min
Response: 1955048
Conc: 18.98 ug/ml



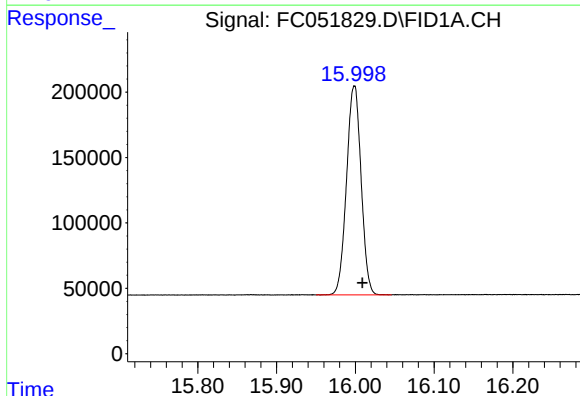
#13 n-Docosane (C22)

R.T.: 13.877 min
Delta R.T.: -0.008 min
Response: 2267440
Conc: 18.64 ug/ml



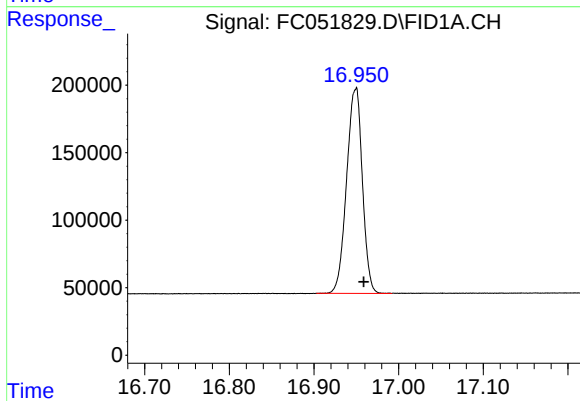
#14 n-Tetracosane (C24)

R.T.: 14.979 min
Delta R.T.: -0.010 min
Response: 2172381
Conc: 17.83 ug/ml



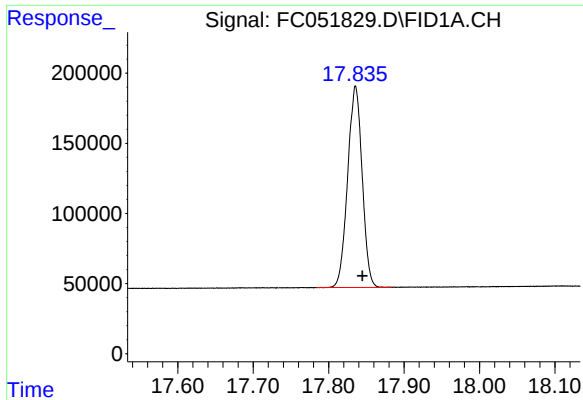
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: -0.010 min
Response: 2052435
Conc: 17.15 ug/ml



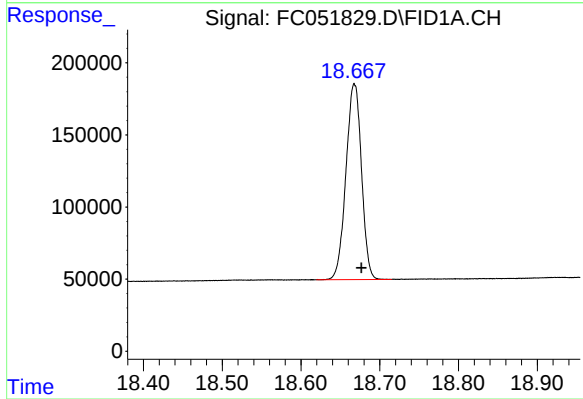
#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.009 min
Response: 1969513
Conc: 16.83 ug/ml



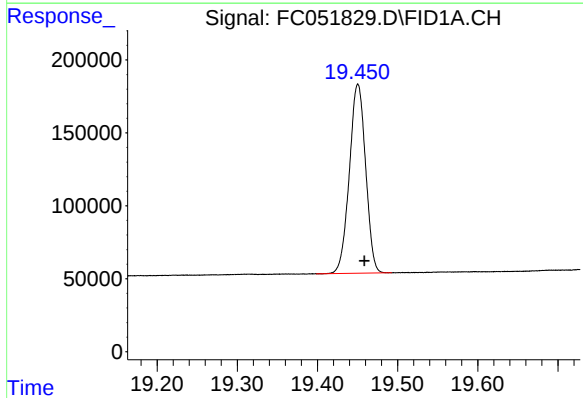
#17 n-Tricontane (C30)

R.T.: 17.836 min
Delta R.T.: -0.009 min
Response: 1918882
Conc: 17.09 ug/ml



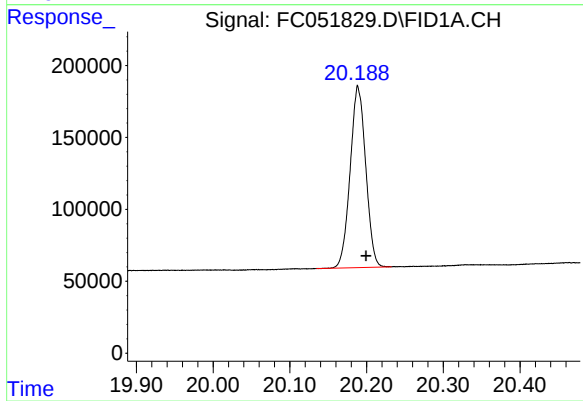
#18 n-Dotriacontane (C32)

R.T.: 18.668 min
Delta R.T.: -0.009 min
Response: 1860575
Conc: 17.98 ug/ml



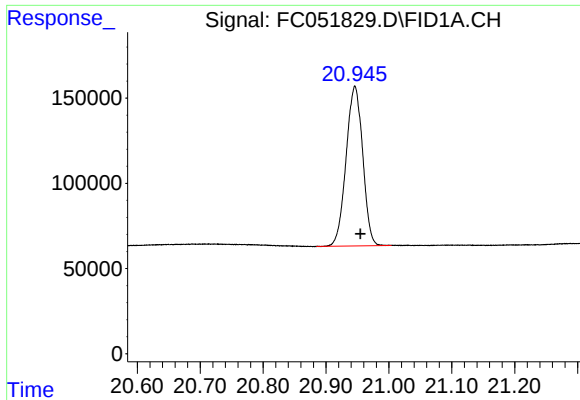
#19 n-Tetratriacontane (C34)

R.T.: 19.451 min
Delta R.T.: -0.008 min
Response: 1825691
Conc: 19.29 ug/ml



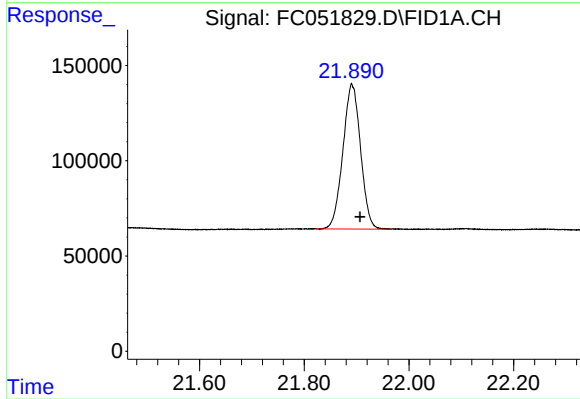
#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: -0.011 min
Response: 1777292
Conc: 20.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: -0.008 min
Response: 1720890
Conc: 20.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.891 min
Delta R.T.: -0.016 min
Response: 1780619
Conc: 20.84 ug/ml