

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021021AL\
 Data File : FC051968.D
 Signal(s) : FID1A.CH
 Acq On : 10 Feb 2021 13:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 11 00:08:40 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)	11.691	2545619	19.954 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
12) S 1-chlorooctadecane (S...	13.122	2026282	19.672 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
Target Compounds			
1) T n-Nonane (C9)	3.445	2375989	21.674 ug/ml
2) T n-Decane (C10)	4.515	2404961	21.760 ug/ml
3) T A~Naphthalene (C11.7)	6.107	2696825	21.629 ug/ml
4) T n-Dodecane (C12)	6.534	2452656	21.775 ug/ml
5) T A~2-methylnaphthalene...	7.164	2751409	21.525 ug/ml
6) T n-Tetradecane (C14)	8.328	2471866	21.703 ug/ml
7) T n-Hexadecane (C16)	9.927	2433164	21.419 ug/ml
8) T n-Octadecane (C18)	11.368	2492997	20.913 ug/ml
10) T n-Eicosane (C20)	12.676	2446522	20.225 ug/ml
11) T n-Heneicosane (C21)	13.288	2403613	19.785 ug/ml
13) T n-Docosane (C22)	13.874	2369212	19.481 ug/ml
14) T n-Tetracosane (C24)	14.976	2268564	18.614 ug/ml
15) T n-Hexacosane (C26)	15.996	2146240	17.931 ug/ml
16) T n-Octacosane (C28)	16.946	2063445	17.637 ug/ml
17) T n-Tricontane (C30)	17.831	2012877	17.927 ug/ml
18) T n-Dotriacontane (C32)	18.663	1964322	18.984 ug/ml
19) T n-Tetratriacontane (C34)	19.446	1929688	20.389 ug/ml
20) T n-Hexatriacontane (C36)	20.187	1930938	22.174 ug/ml
21) T n-Octatriacontane (C38)	20.941	1820600	22.183 ug/ml
22) T n-Tetracontane (C40)	21.884	1934086	22.638 ug/ml

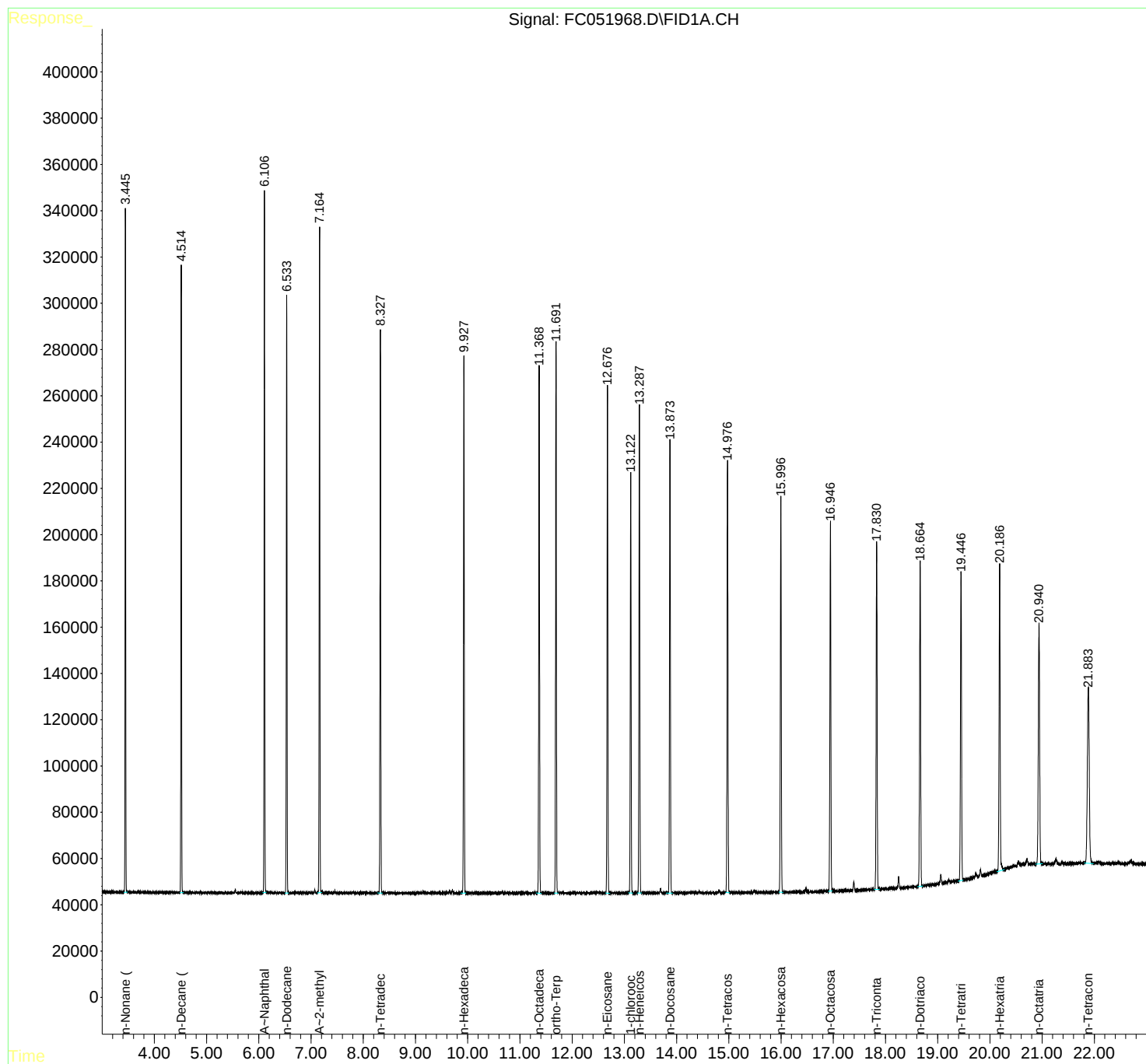
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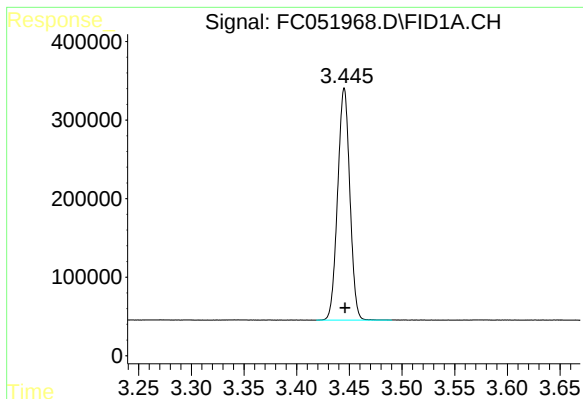
(m)=manual int.

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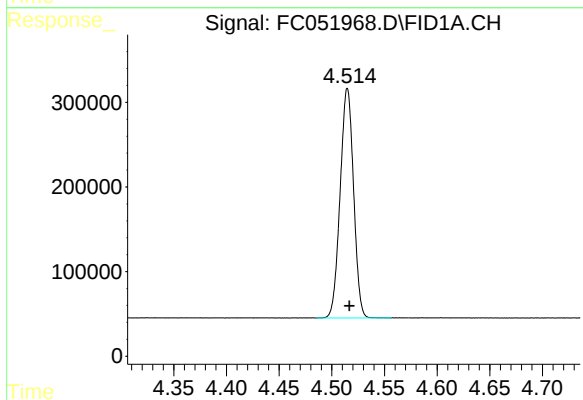
Volume Inj. : 1 ul
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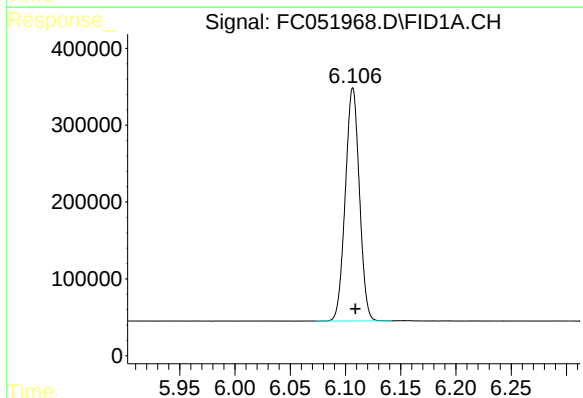
#1 n-Nonane (C9)

R.T.: 3.445 min
Delta R.T.: 0.000 min
Response: 2375989
Conc: 21.67 ug/ml



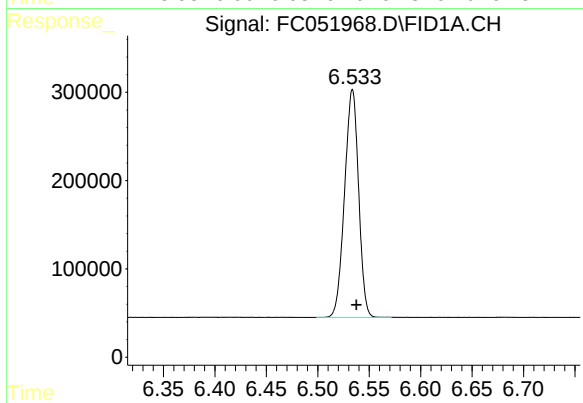
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 2404961
Conc: 21.76 ug/ml



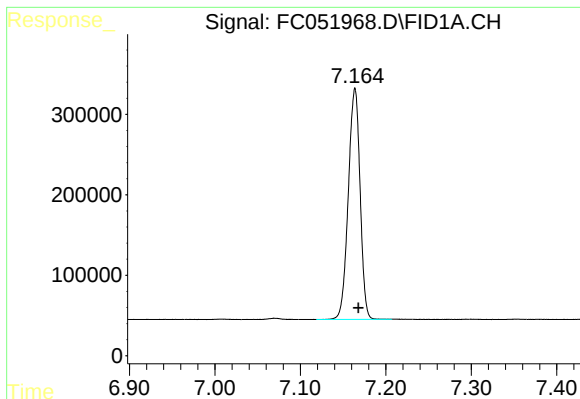
#3 A~Naphthalene (C11.7)

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 2696825
Conc: 21.63 ug/ml



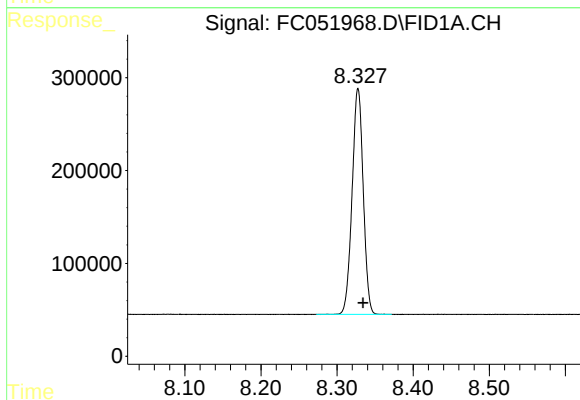
#4 n-Dodecane (C12)

R.T.: 6.534 min
Delta R.T.: -0.004 min
Response: 2452656
Conc: 21.77 ug/ml



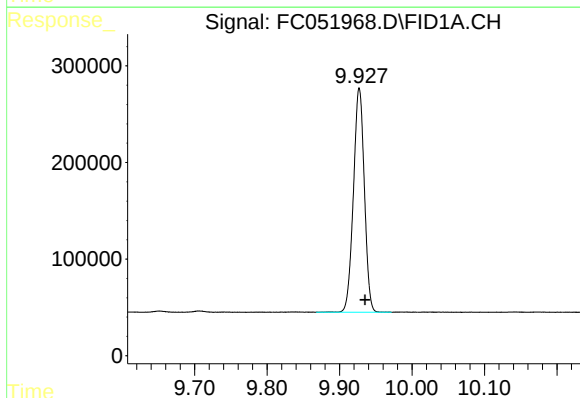
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.164 min
Delta R.T.: -0.004 min
Response: 2751409
Conc: 21.53 ug/ml



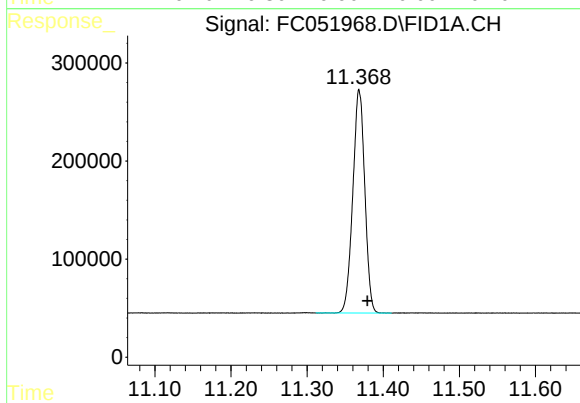
#6 n-Tetradecane (C14)

R.T.: 8.328 min
Delta R.T.: -0.007 min
Response: 2471866
Conc: 21.70 ug/ml



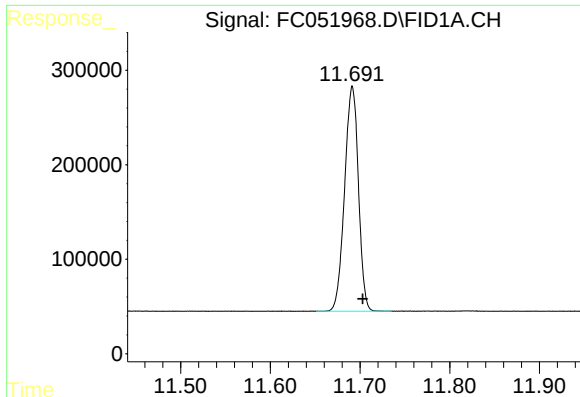
#7 n-Hexadecane (C16)

R.T.: 9.927 min
Delta R.T.: -0.008 min
Response: 2433164
Conc: 21.42 ug/ml



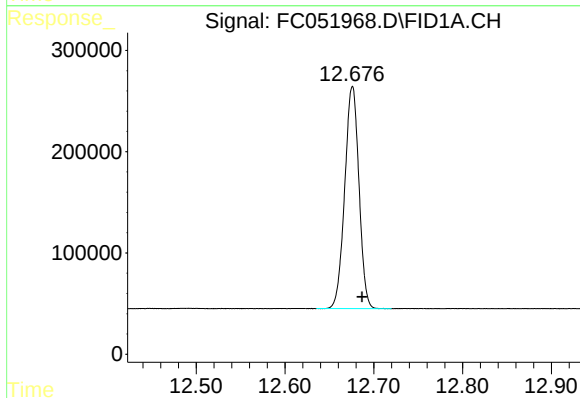
#8 n-Octadecane (C18)

R.T.: 11.368 min
Delta R.T.: -0.011 min
Response: 2492997
Conc: 20.91 ug/ml



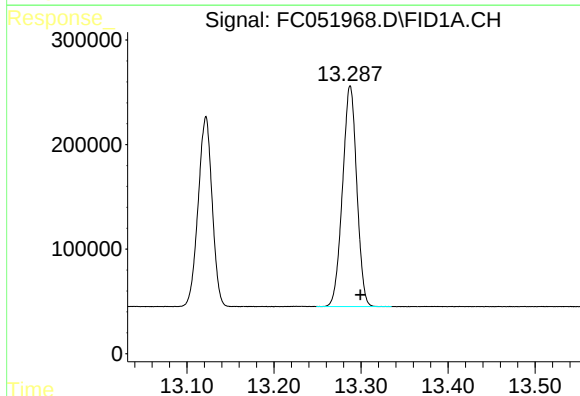
#9 ortho-Terphenyl (SURR)

R.T.: 11.691 min
Delta R.T.: -0.011 min
Response: 2545619
Conc: 19.95 ug/ml



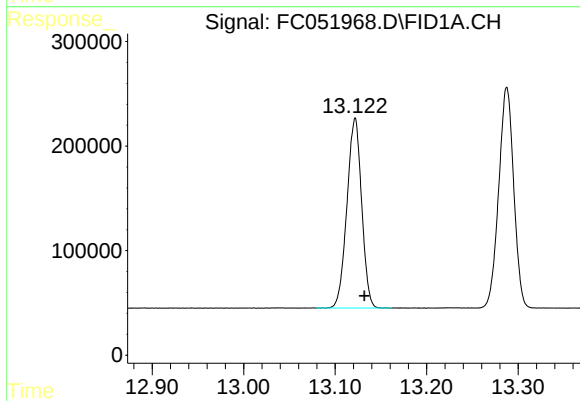
#10 n-Eicosane (C20)

R.T.: 12.676 min
Delta R.T.: -0.011 min
Response: 2446522
Conc: 20.22 ug/ml



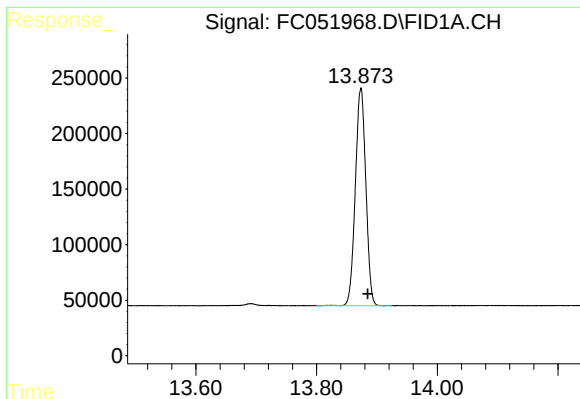
#11 n-Heneicosane (C21)

R.T.: 13.288 min
Delta R.T.: -0.012 min
Response: 2403613
Conc: 19.79 ug/ml



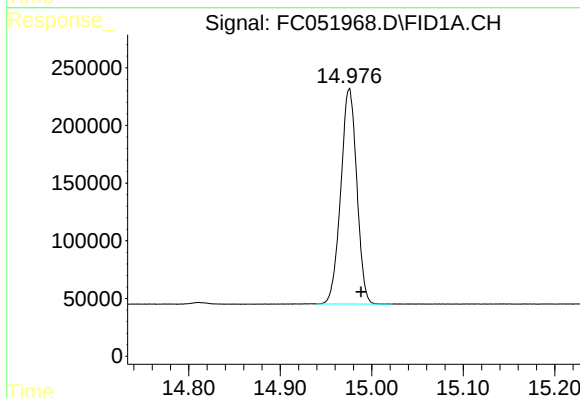
#12 1-chlorooctadecane (SURR)

R.T.: 13.122 min
Delta R.T.: -0.010 min
Response: 2026282
Conc: 19.67 ug/ml



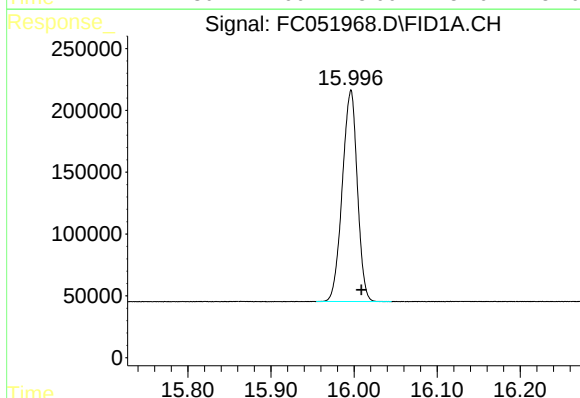
#13 n-Docosane (C22)

R.T.: 13.874 min
Delta R.T.: -0.011 min
Response: 2369212
Conc: 19.48 ug/ml



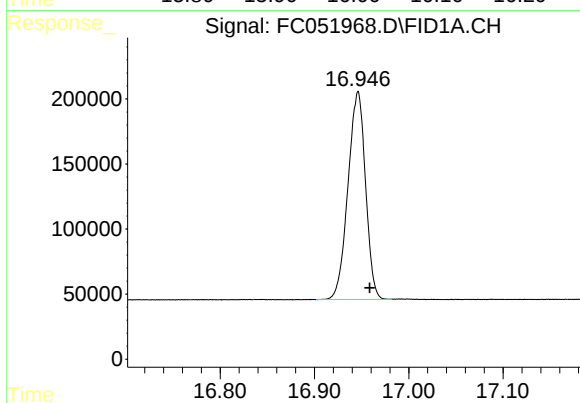
#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: -0.013 min
Response: 2268564
Conc: 18.61 ug/ml



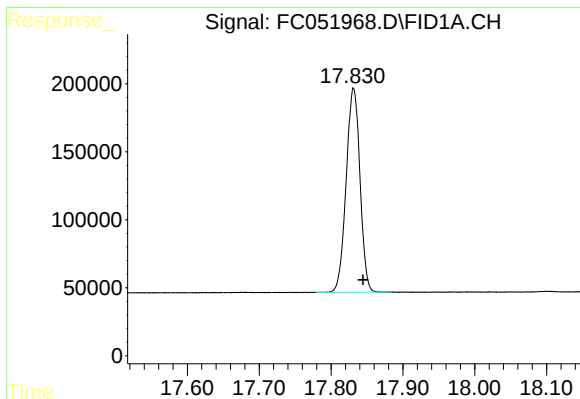
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: -0.013 min
Response: 2146240
Conc: 17.93 ug/ml



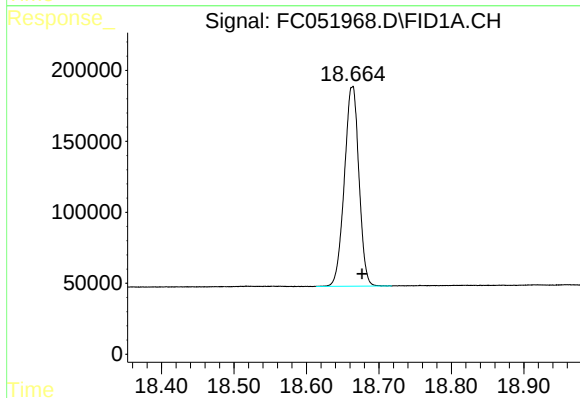
#16 n-Octacosane (C28)

R.T.: 16.946 min
Delta R.T.: -0.012 min
Response: 2063445
Conc: 17.64 ug/ml



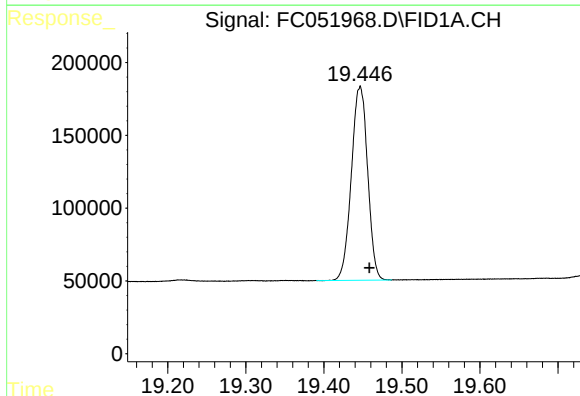
#17 n-Tricontane (C30)

R.T.: 17.831 min
Delta R.T.: -0.013 min
Response: 2012877
Conc: 17.93 ug/ml



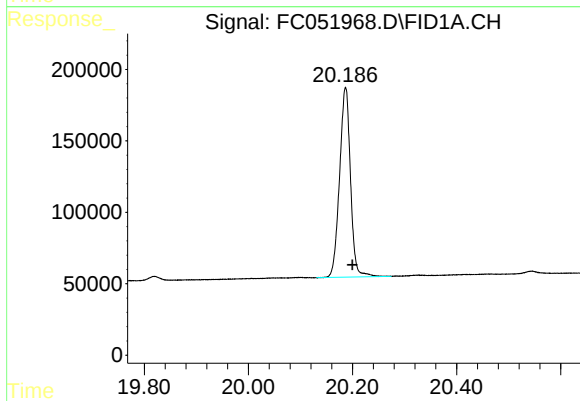
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.013 min
Response: 1964322
Conc: 18.98 ug/ml



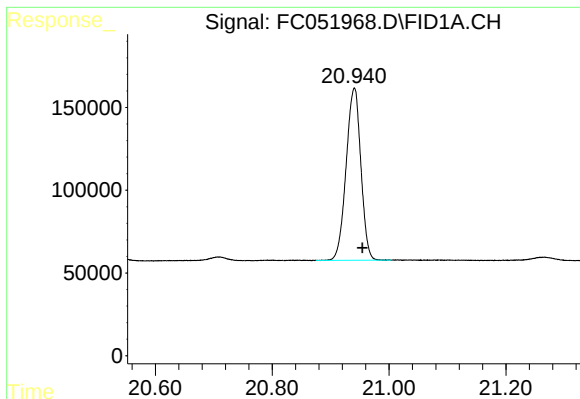
#19 n-Tetratriacontane (C34)

R.T.: 19.446 min
Delta R.T.: -0.012 min
Response: 1929688
Conc: 20.39 ug/ml



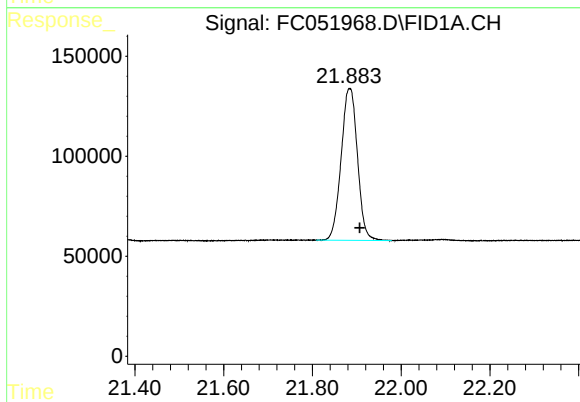
#20 n-Hexatriacontane (C36)

R.T.: 20.187 min
Delta R.T.: -0.013 min
Response: 1930938
Conc: 22.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.941 min
Delta R.T.: -0.014 min
Response: 1820600
Conc: 22.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.884 min
Delta R.T.: -0.022 min
Response: 1934086
Conc: 22.64 ug/ml