

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021021AL\
 Data File : FC051963.D
 Signal(s) : FID1A.CH
 Acq On : 10 Feb 2021 9:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 11 00:07:37 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	2529654	19.829 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
12) S 1-chlorooctadecane (S...	13.122	2014102	19.553 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
Target Compounds			
1) T n-Nonane (C9)	3.446	2345798	21.399 ug/ml
2) T n-Decane (C10)	4.515	2372029	21.462 ug/ml
3) T A~Naphthalene (C11.7)	6.107	2668011	21.398 ug/ml
4) T n-Dodecane (C12)	6.534	2426343	21.541 ug/ml
5) T A~2-methylnaphthalene...	7.164	2722493	21.299 ug/ml
6) T n-Tetradecane (C14)	8.328	2441296	21.434 ug/ml
7) T n-Hexadecane (C16)	9.927	2402389	21.148 ug/ml
8) T n-Octadecane (C18)	11.368	2467132	20.696 ug/ml
10) T n-Eicosane (C20)	12.677	2426059	20.056 ug/ml
11) T n-Heneicosane (C21)	13.288	2386822	19.647 ug/ml
13) T n-Docosane (C22)	13.873	2347592	19.303 ug/ml
14) T n-Tetracosane (C24)	14.975	2253827	18.493 ug/ml
15) T n-Hexacosane (C26)	15.996	2139919	17.878 ug/ml
16) T n-Octacosane (C28)	16.945	2045479	17.483 ug/ml
17) T n-Tricontane (C30)	17.831	1998791	17.802 ug/ml
18) T n-Dotriacontane (C32)	18.663	1936652	18.717 ug/ml
19) T n-Tetratriacontane (C34)	19.446	1918529	20.271 ug/ml
20) T n-Hexatriacontane (C36)	20.184	1867384	21.444 ug/ml
21) T n-Octatriacontane (C38)	20.937	1806879	22.016 ug/ml
22) T n-Tetracontane (C40)	21.884	1871372	21.904 ug/ml

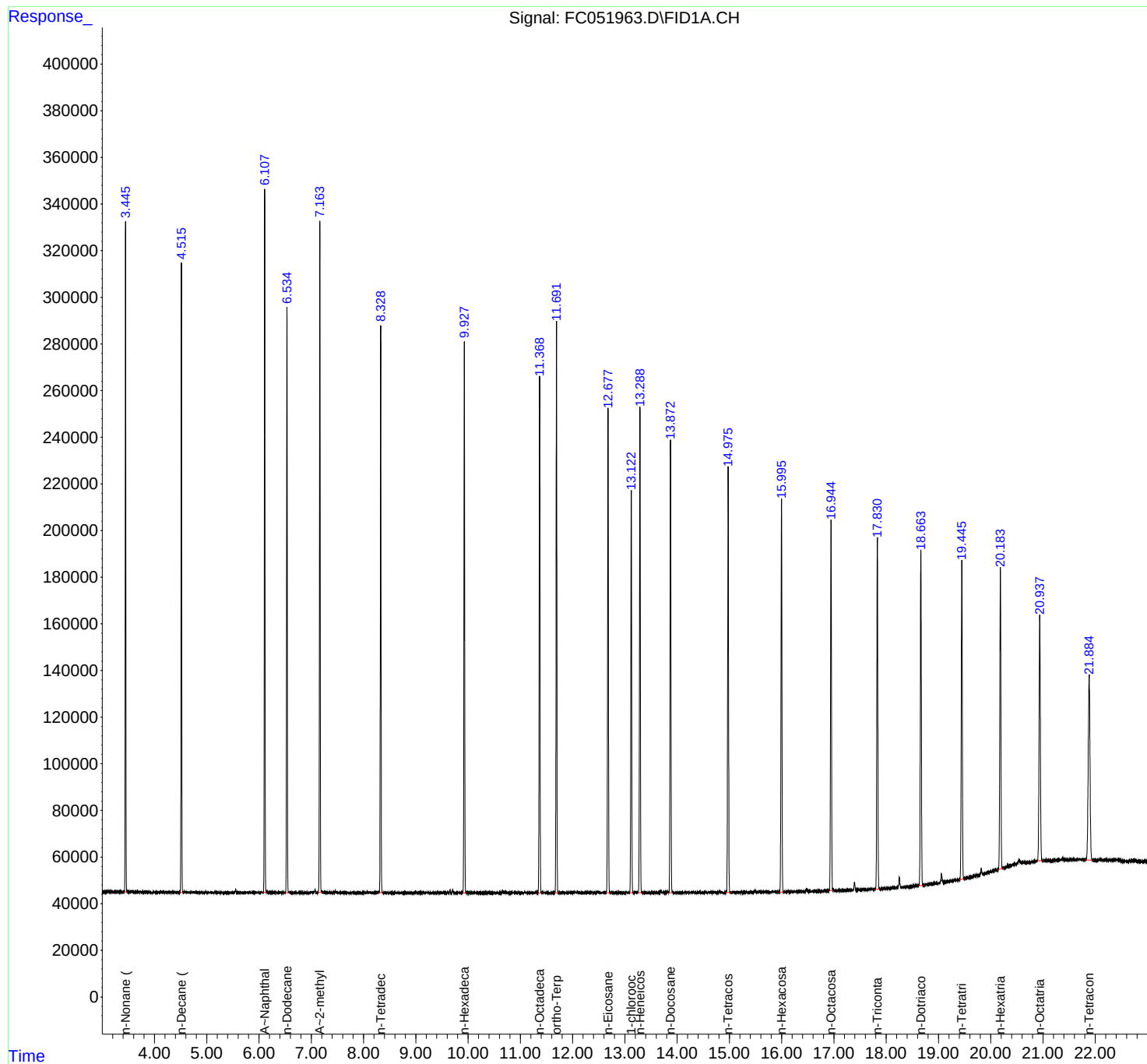
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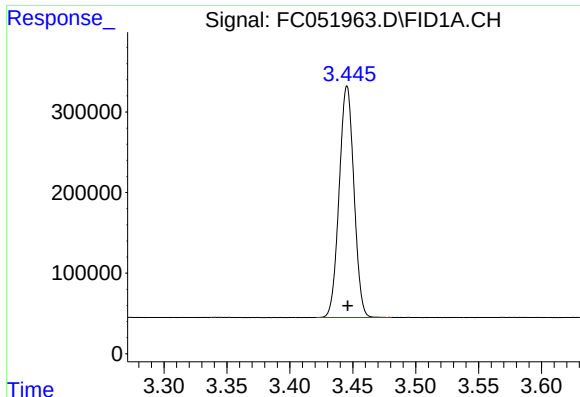
(m)=manual int.

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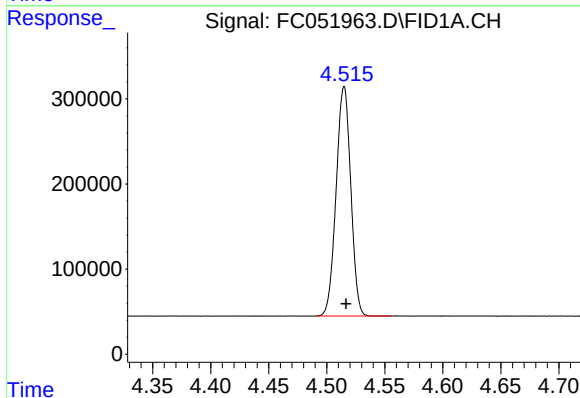
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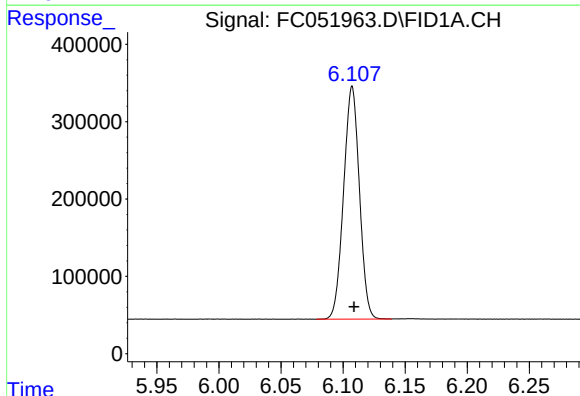
#1 n-Nonane (C9)

R.T.: 3.446 min
Delta R.T.: 0.000 min
Response: 2345798
Conc: 21.40 ug/ml



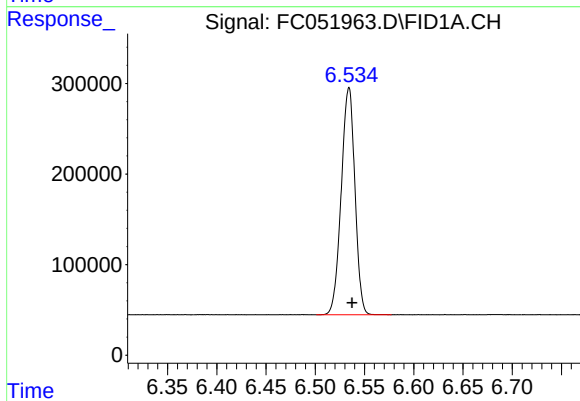
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 2372029
Conc: 21.46 ug/ml



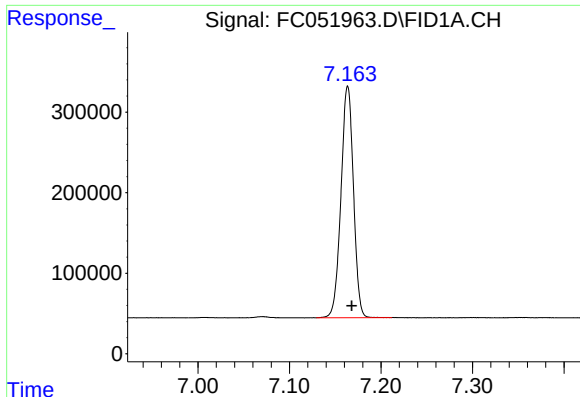
#3 A~Naphthalene (C11.7)

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 2668011
Conc: 21.40 ug/ml



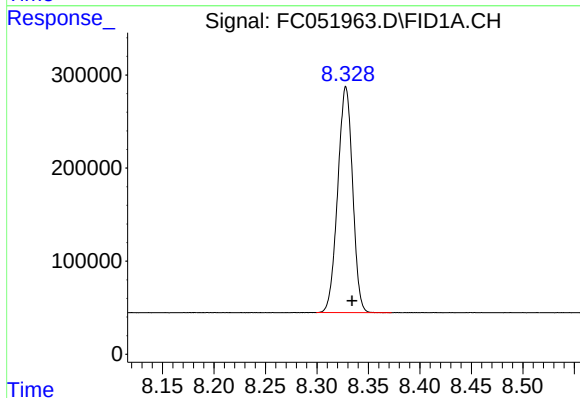
#4 n-Dodecane (C12)

R.T.: 6.534 min
Delta R.T.: -0.003 min
Response: 2426343
Conc: 21.54 ug/ml



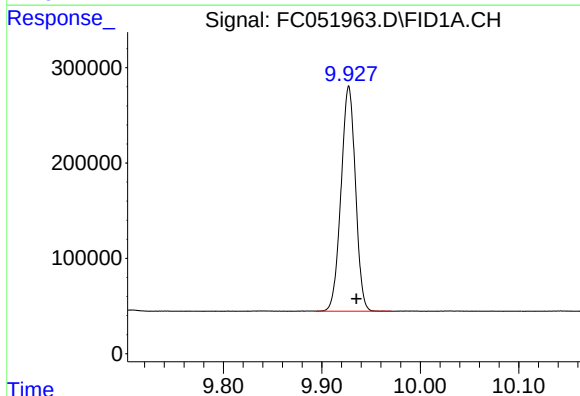
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.164 min
Delta R.T.: -0.004 min
Response: 2722493
Conc: 21.30 ug/ml



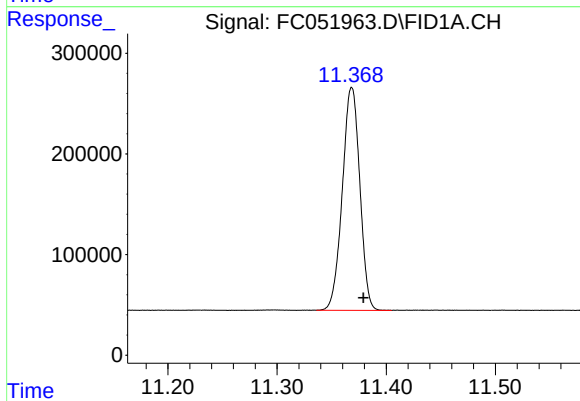
#6 n-Tetradecane (C14)

R.T.: 8.328 min
Delta R.T.: -0.006 min
Response: 2441296
Conc: 21.43 ug/ml



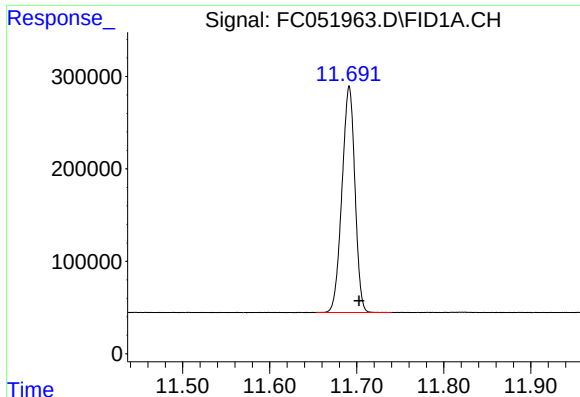
#7 n-Hexadecane (C16)

R.T.: 9.927 min
Delta R.T.: -0.007 min
Response: 2402389
Conc: 21.15 ug/ml



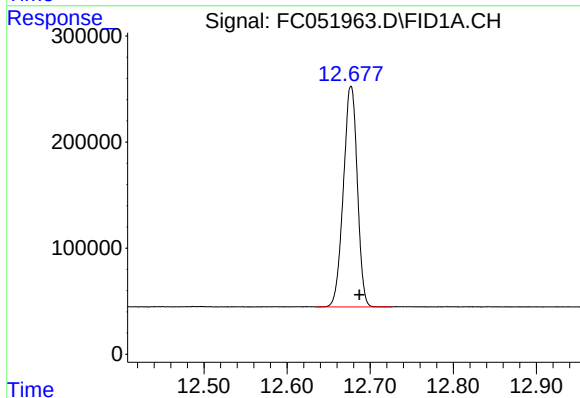
#8 n-Octadecane (C18)

R.T.: 11.368 min
Delta R.T.: -0.011 min
Response: 2467132
Conc: 20.70 ug/ml



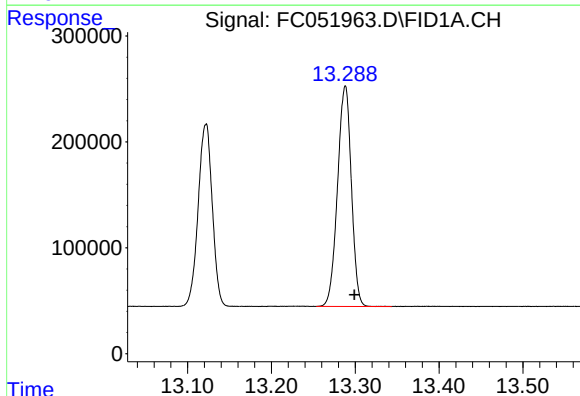
#9 ortho-Terphenyl (SURR)

R.T.: 11.691 min
Delta R.T.: -0.011 min
Response: 2529654
Conc: 19.83 ug/ml



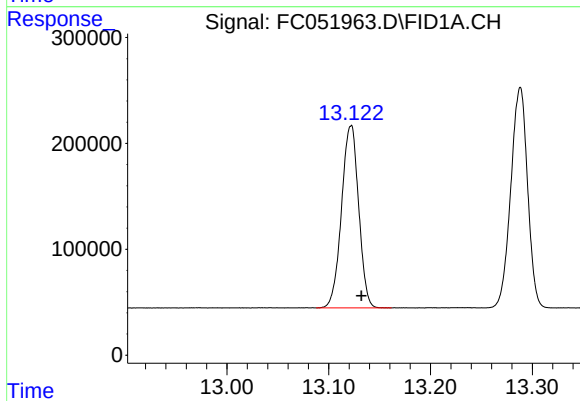
#10 n-Eicosane (C20)

R.T.: 12.677 min
Delta R.T.: -0.010 min
Response: 2426059
Conc: 20.06 ug/ml



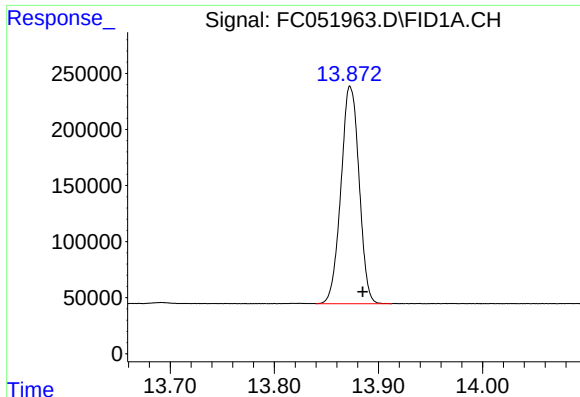
#11 n-Heneicosane (C21)

R.T.: 13.288 min
Delta R.T.: -0.011 min
Response: 2386822
Conc: 19.65 ug/ml



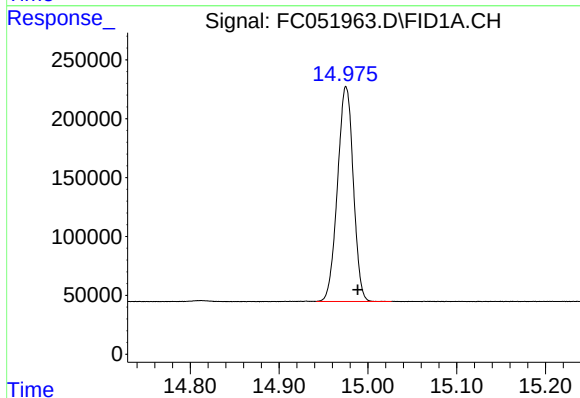
#12 1-chlorooctadecane (SURR)

R.T.: 13.122 min
Delta R.T.: -0.010 min
Response: 2014102
Conc: 19.55 ug/ml



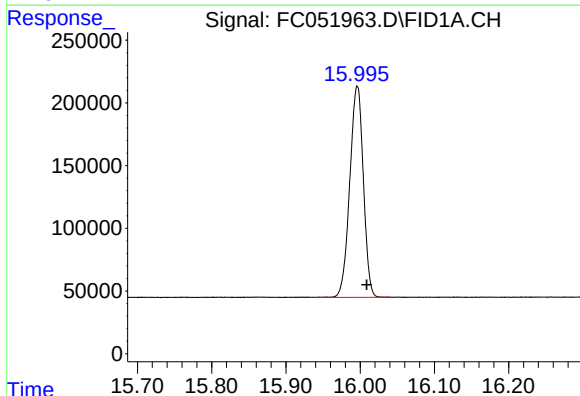
#13 n-Docosane (C22)

R.T.: 13.873 min
Delta R.T.: -0.012 min
Response: 2347592
Conc: 19.30 ug/ml



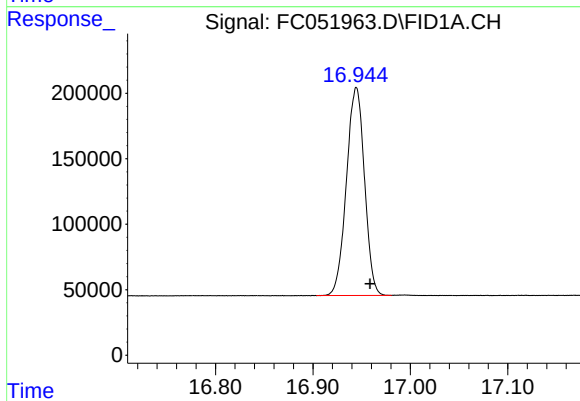
#14 n-Tetracosane (C24)

R.T.: 14.975 min
Delta R.T.: -0.013 min
Response: 2253827
Conc: 18.49 ug/ml



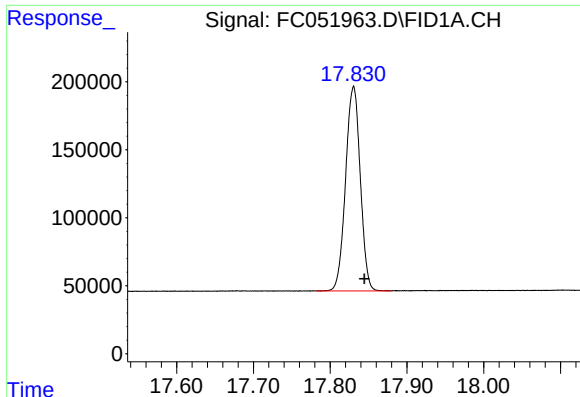
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: -0.013 min
Response: 2139919
Conc: 17.88 ug/ml



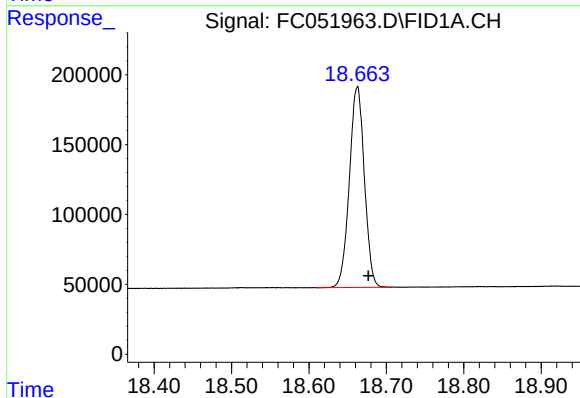
#16 n-Octacosane (C28)

R.T.: 16.945 min
Delta R.T.: -0.014 min
Response: 2045479
Conc: 17.48 ug/ml



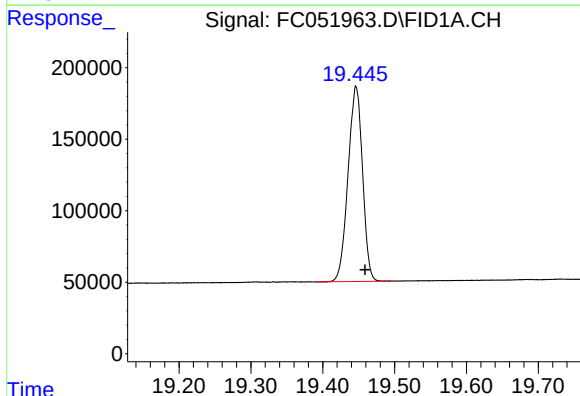
#17 n-Tricontane (C30)

R.T.: 17.831 min
Delta R.T.: -0.014 min
Response: 1998791
Conc: 17.80 ug/ml



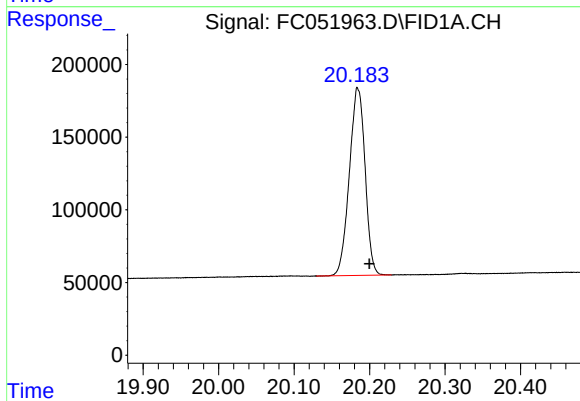
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.014 min
Response: 1936652
Conc: 18.72 ug/ml



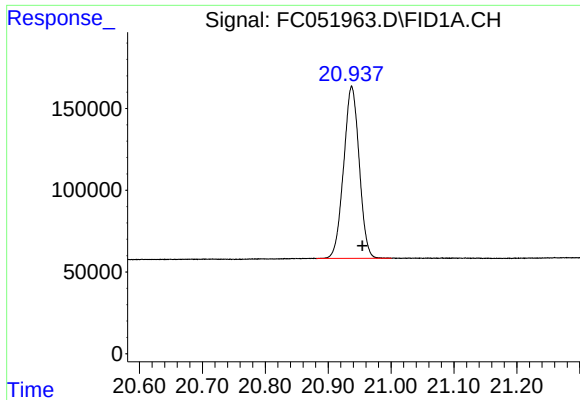
#19 n-Tetratriacontane (C34)

R.T.: 19.446 min
Delta R.T.: -0.012 min
Response: 1918529
Conc: 20.27 ug/ml



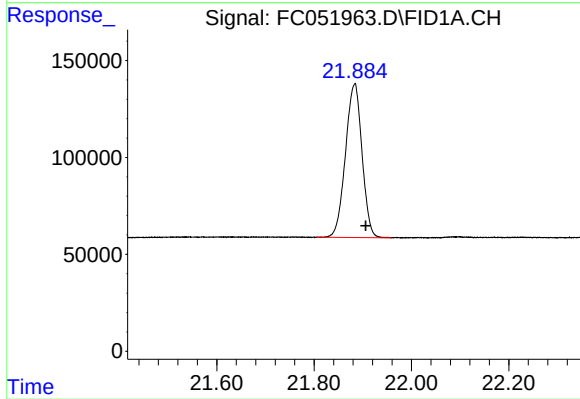
#20 n-Hexatriacontane (C36)

R.T.: 20.184 min
Delta R.T.: -0.015 min
Response: 1867384
Conc: 21.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.937 min
Delta R.T.: -0.017 min
Response: 1806879
Conc: 22.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.884 min
Delta R.T.: -0.023 min
Response: 1871372
Conc: 21.90 ug/ml