

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040521AL\
 Data File : FC052975.D
 Signal(s) : FID1A.CH
 Acq On : 05 Apr 2021 20:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 06 03:58:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.559	2493019	18.599 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
12) S 1-chlorooctadecane (S...	12.997	1940021	17.987 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
Target Compounds			
1) T n-Nonane (C9)	3.315	2492551	21.460 ug/ml
2) T n-Decane (C10)	4.381	2527748	21.571 ug/ml
3) T A~Naphthalene (C11.7)	5.967	2771333	21.167 ug/ml
4) T n-Dodecane (C12)	6.401	2569384	21.400 ug/ml
5) T A~2-methylnaphthalene...	7.025	2799495	20.914 ug/ml
6) T n-Tetradecane (C14)	8.199	2539470	20.997 ug/ml
7) T n-Hexadecane (C16)	9.800	2449407	20.366 ug/ml
8) T n-Octadecane (C18)	11.243	2457389	19.477 ug/ml
10) T n-Eicosane (C20)	12.553	2354989	18.442 ug/ml
11) T n-Heneicosane (C21)	13.165	2287946	18.000 ug/ml
13) T n-Docosane (C22)	13.751	2228684	17.593 ug/ml
14) T n-Tetracosane (C24)	14.854	2113715	16.920 ug/ml
15) T n-Hexacosane (C26)	15.874	2012519	16.714 ug/ml
16) T n-Octacosane (C28)	16.825	1966692	17.058 ug/ml
17) T n-Tricontane (C30)	17.711	1948885	17.888 ug/ml
18) T n-Dotriacontane (C32)	18.544	1925682	19.192 ug/ml
19) T n-Tetratriacontane (C34)	19.327	1928600	20.981 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1891361	20.741 ug/ml
21) T n-Octatriacontane (C38)	20.799	1846525	22.625 ug/ml
22) T n-Tetracontane (C40)	21.703	1924703	22.344 ug/ml

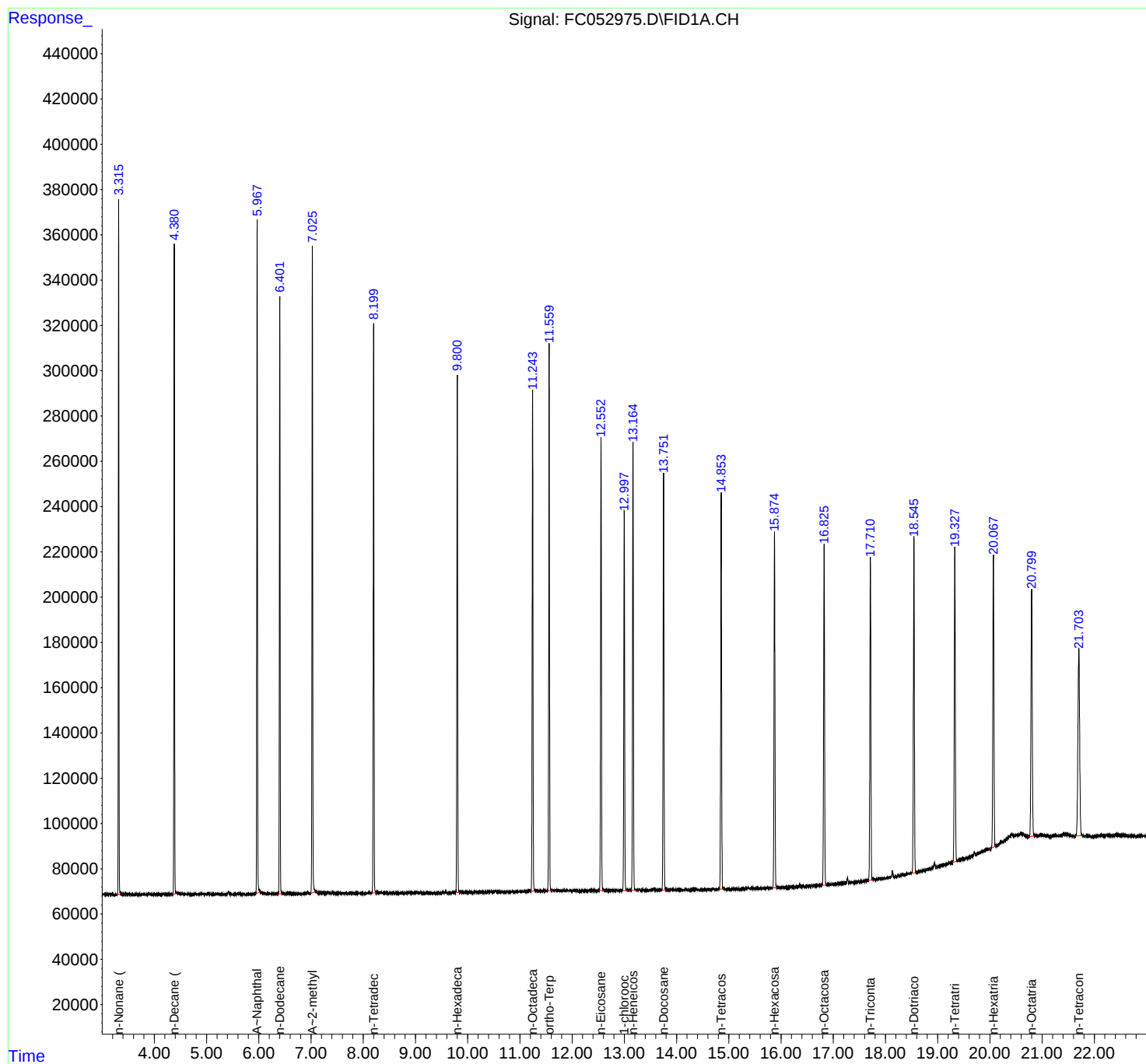
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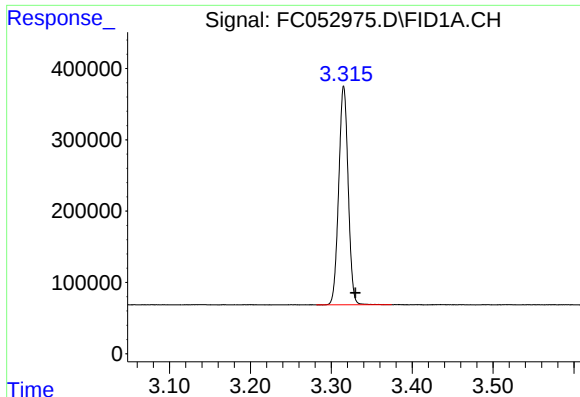
(m)=manual int.

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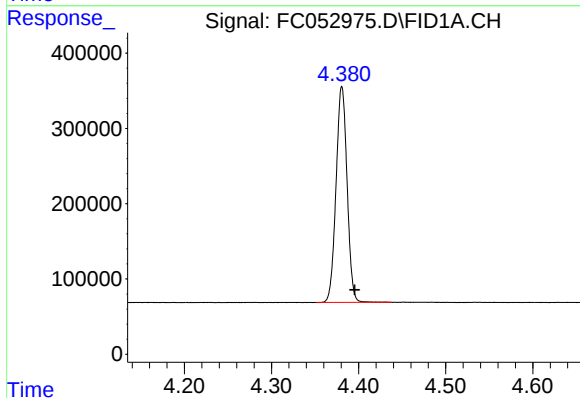
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Signal Info : 20M x 0.18mm x 0.18um





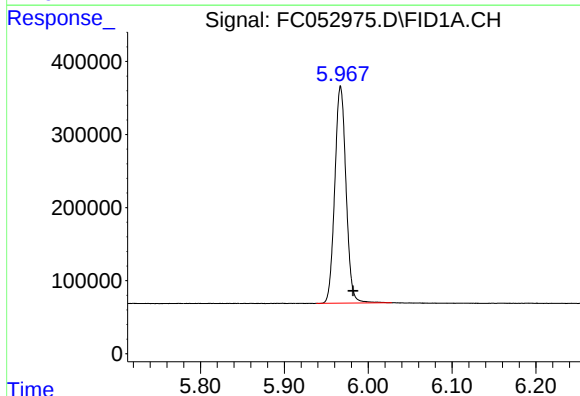
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: -0.015 min
Response: 2492551
Conc: 21.46 ug/ml



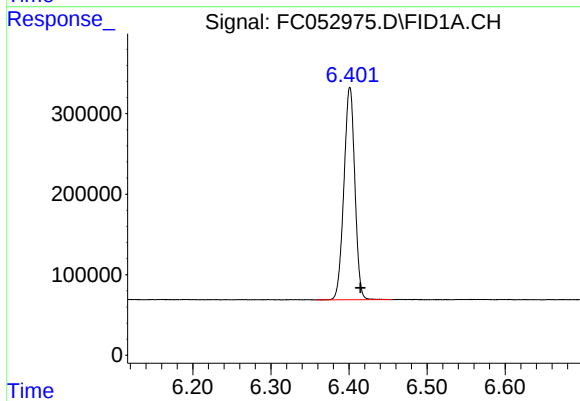
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: -0.015 min
Response: 2527748
Conc: 21.57 ug/ml



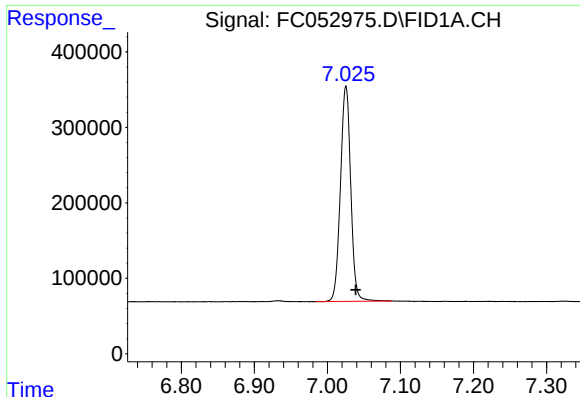
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.015 min
Response: 2771333
Conc: 21.17 ug/ml



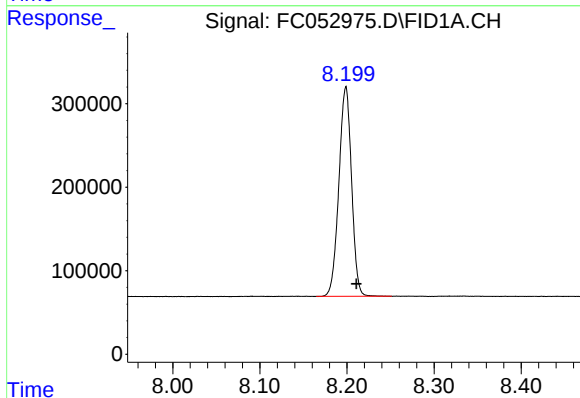
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.013 min
Response: 2569384
Conc: 21.40 ug/ml



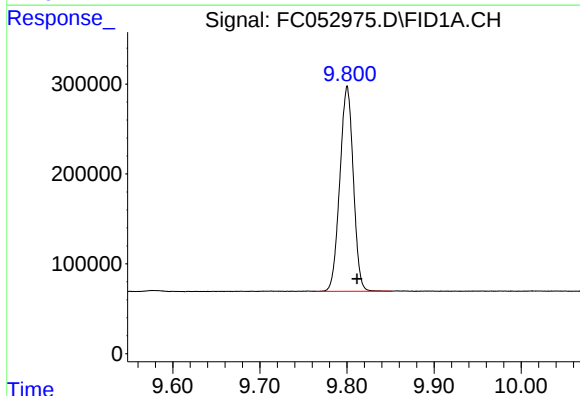
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.013 min
Response: 2799495
Conc: 20.91 ug/ml



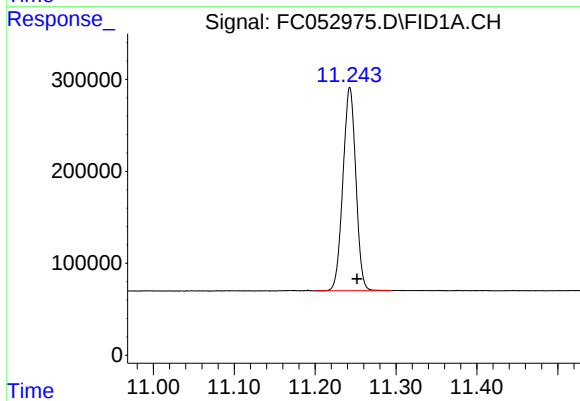
#6 n-Tetradecane (C14)

R.T.: 8.199 min
Delta R.T.: -0.012 min
Response: 2539470
Conc: 21.00 ug/ml



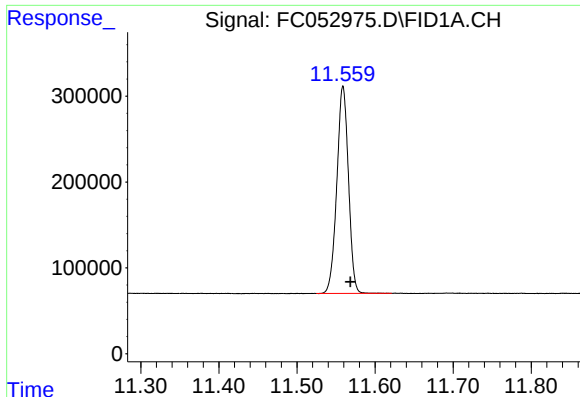
#7 n-Hexadecane (C16)

R.T.: 9.800 min
Delta R.T.: -0.011 min
Response: 2449407
Conc: 20.37 ug/ml



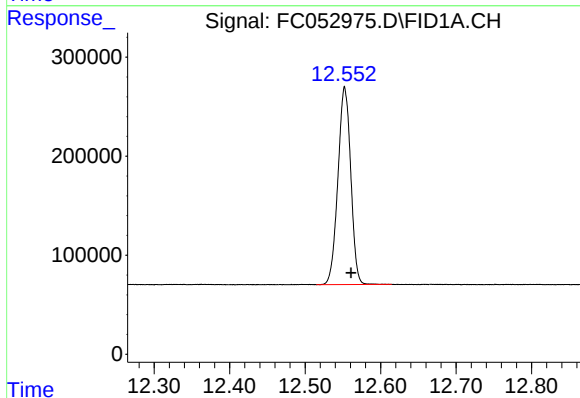
#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: -0.009 min
Response: 2457389
Conc: 19.48 ug/ml



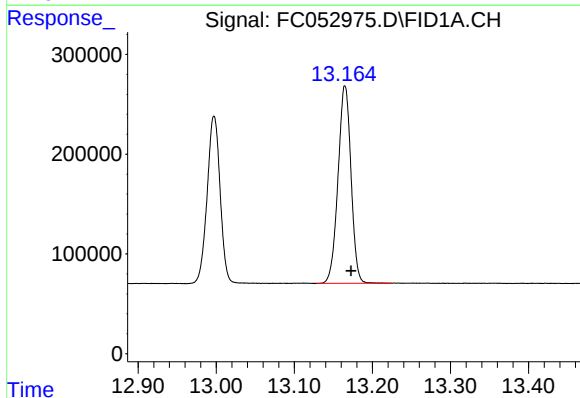
#9 ortho-Terphenyl (SURR)

R.T.: 11.559 min
Delta R.T.: -0.009 min
Response: 2493019
Conc: 18.60 ug/ml



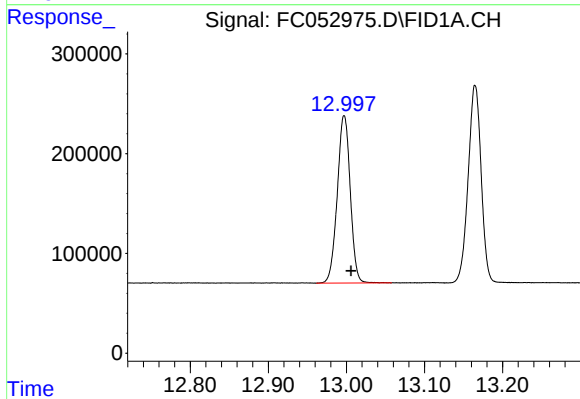
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.009 min
Response: 2354989
Conc: 18.44 ug/ml



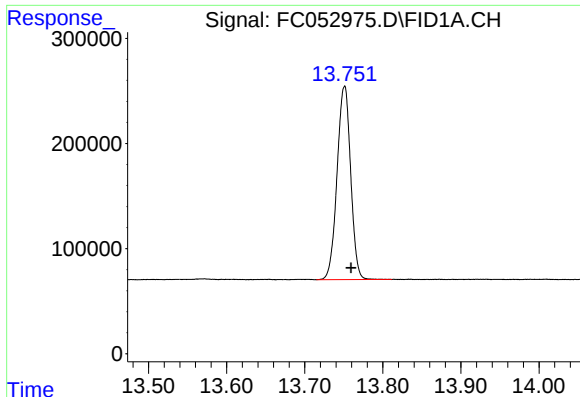
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.008 min
Response: 2287946
Conc: 18.00 ug/ml



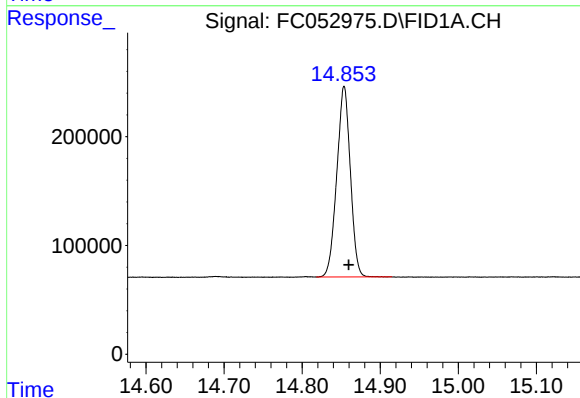
#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: -0.009 min
Response: 1940021
Conc: 17.99 ug/ml



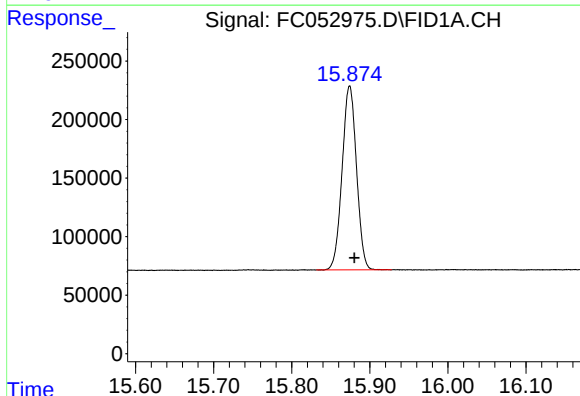
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: -0.009 min
Response: 2228684
Conc: 17.59 ug/ml



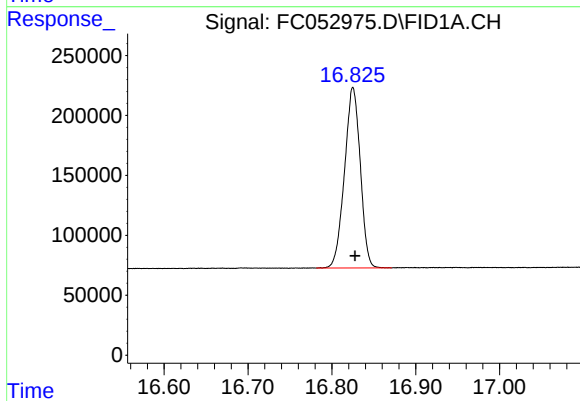
#14 n-Tetracosane (C24)

R.T.: 14.854 min
Delta R.T.: -0.006 min
Response: 2113715
Conc: 16.92 ug/ml



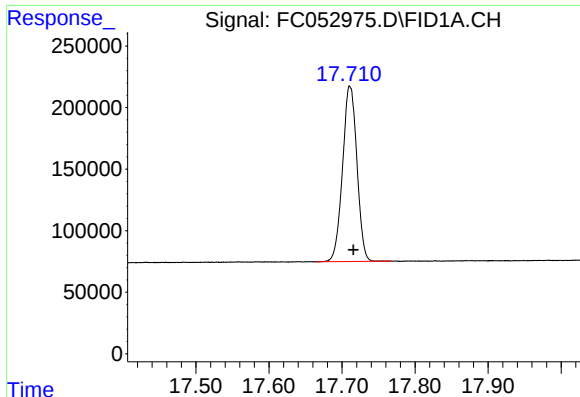
#15 n-Hexacosane (C26)

R.T.: 15.874 min
Delta R.T.: -0.006 min
Response: 2012519
Conc: 16.71 ug/ml



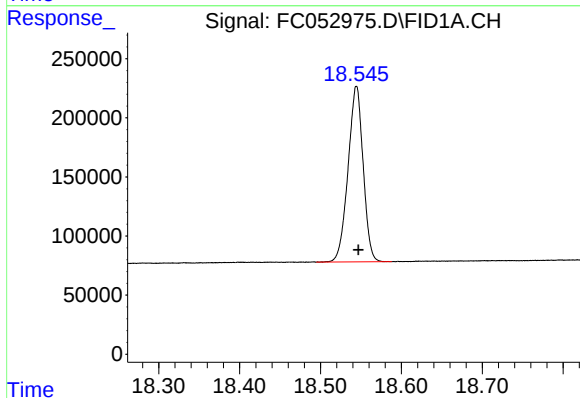
#16 n-Octacosane (C28)

R.T.: 16.825 min
Delta R.T.: -0.003 min
Response: 1966692
Conc: 17.06 ug/ml



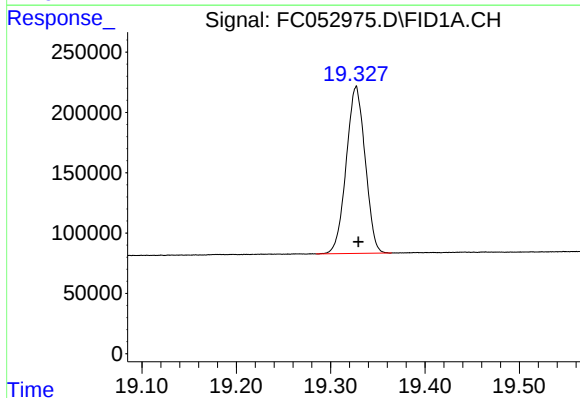
#17 n-Tricontane (C30)

R.T.: 17.711 min
Delta R.T.: -0.005 min
Response: 1948885
Conc: 17.89 ug/ml



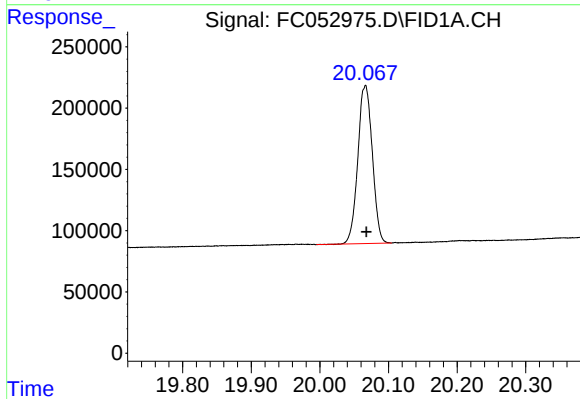
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: -0.003 min
Response: 1925682
Conc: 19.19 ug/ml



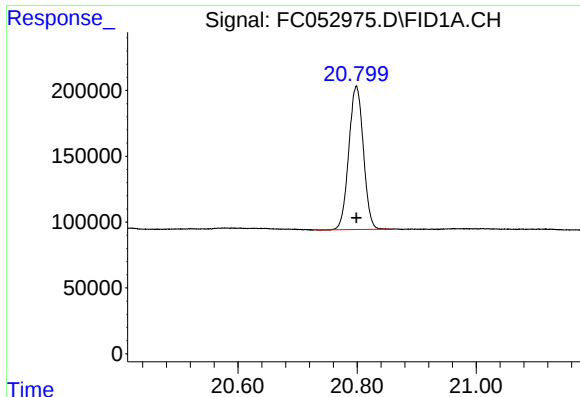
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 1928600
Conc: 20.98 ug/ml



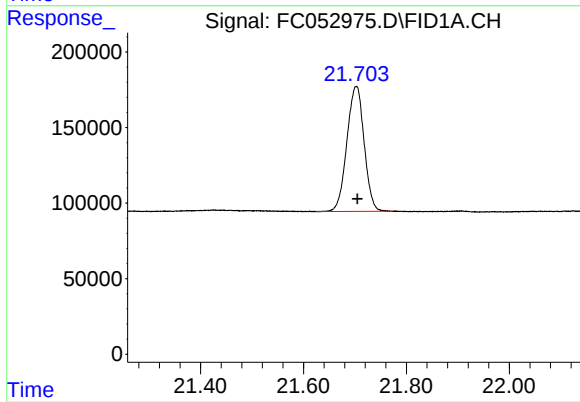
#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: -0.002 min
Response: 1891361
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.000 min
Response: 1846525
Conc: 22.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.703 min
Delta R.T.: -0.003 min
Response: 1924703
Conc: 22.34 ug/ml