

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021920AL\
 Data File : FC045863.D
 Signal(s) : FID1A.CH
 Acq On : 19 Feb 2020 9:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 20 00:14:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 2020
 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)	11.763	2192082	19.941 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
12) S 1-chlorooctadecane (S...	13.182	1690963	19.449 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T n-Nonane (C9)	3.528	2195820	22.702 ug/ml
2) T n-Decane (C10)	4.599	2213831	22.858 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2381865	22.301 ug/ml
4) T n-Dodecane (C12)	6.612	2229033	22.801 ug/ml
5) T A~2-methylnaphthalene...	7.253	2377976	22.184 ug/ml
6) T n-Tetradecane (C14)	8.400	2213160	22.459 ug/ml
7) T n-Hexadecane (C16)	9.994	2182099	21.796 ug/ml
8) T n-Octadecane (C18)	11.431	2142532	21.035 ug/ml
10) T n-Eicosane (C20)	12.736	2073175	20.215 ug/ml
11) T n-Heneicosane (C21)	13.345	2048582	19.791 ug/ml
13) T n-Docosane (C22)	13.929	2003667	19.419 ug/ml
14) T n-Tetracosane (C24)	15.029	1946957	18.736 ug/ml
15) T n-Hexacosane (C26)	16.047	1898372	18.375 ug/ml
16) T n-Octacosane (C28)	16.992	1861925	18.216 ug/ml
17) T n-Tricontane (C30)	17.877	1810706	18.445 ug/ml
18) T n-Dotriacontane (C32)	18.705	1559395	18.740 ug/ml
19) T n-Tetratriacontane (C34)	19.486	1349190	19.065 ug/ml
20) T n-Hexatriacontane (C36)	20.223	1242125	19.372 ug/ml
21) T n-Octatriacontane (C38)	20.988	1152534	19.705 ug/ml
22) T n-Tetracontane (C40)	21.955	1223564	20.741 ug/ml

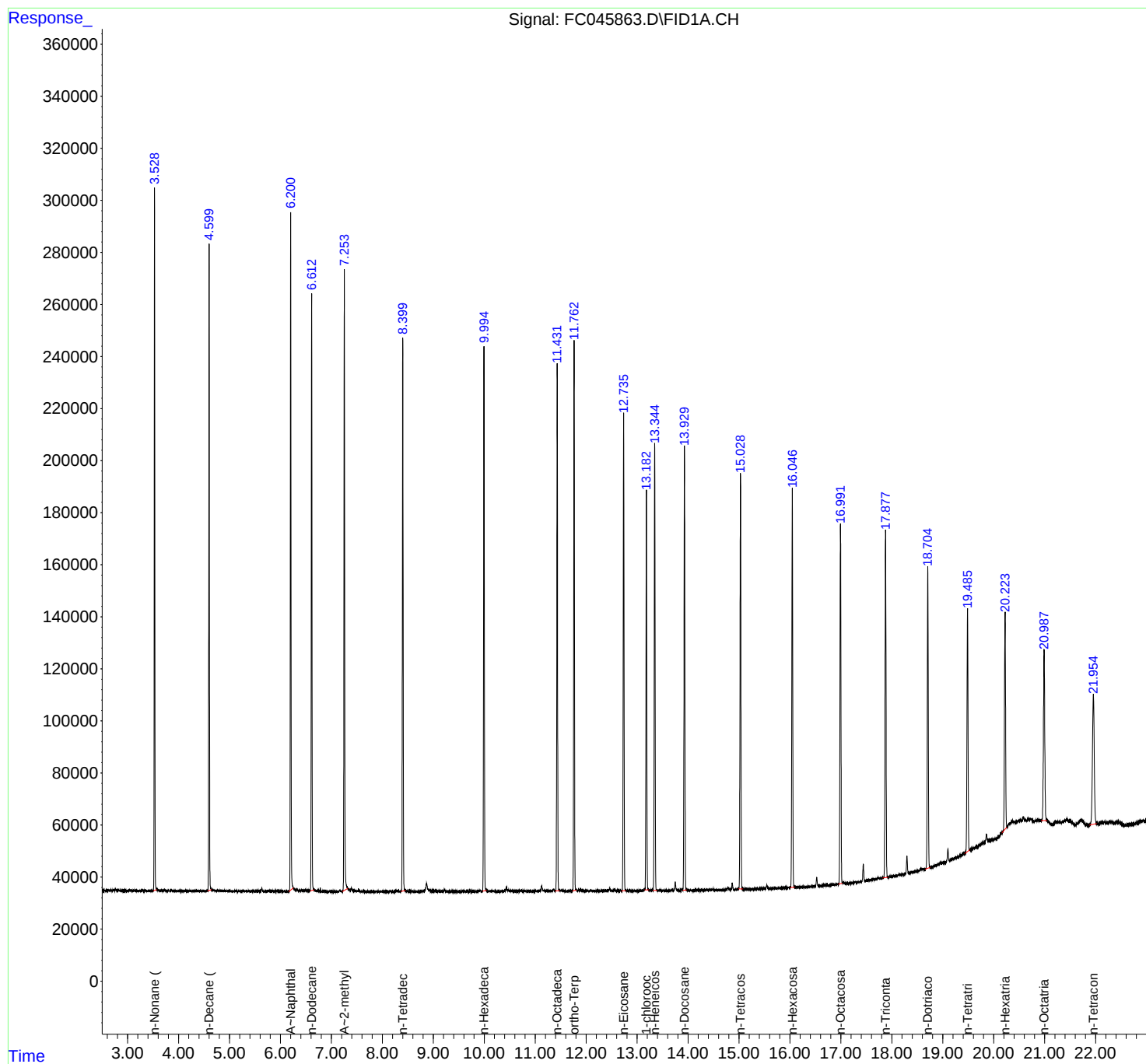
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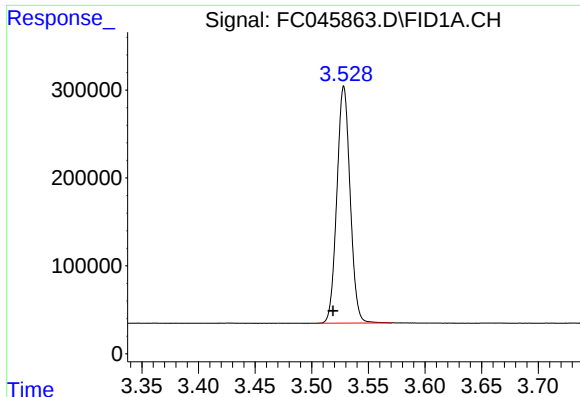
(m)=manual int.

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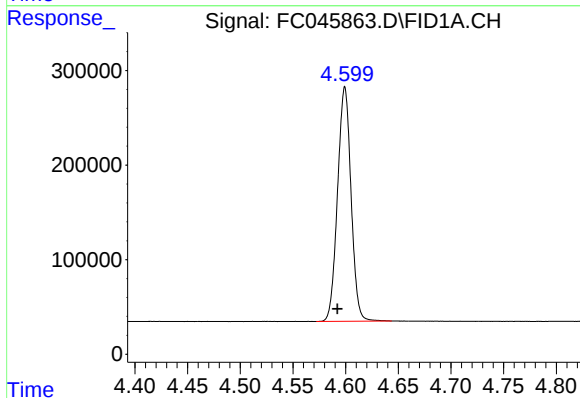
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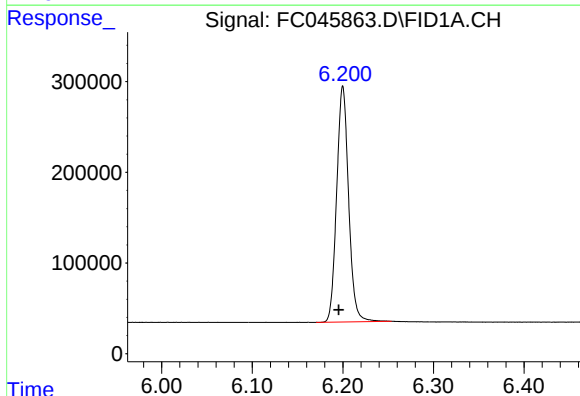
#1 n-Nonane (C9)

R.T.: 3.528 min
Delta R.T.: 0.009 min
Response: 2195820
Conc: 22.70 ug/ml



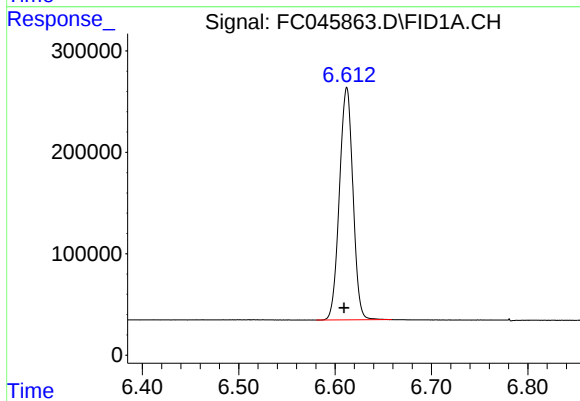
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: 0.007 min
Response: 2213831
Conc: 22.86 ug/ml



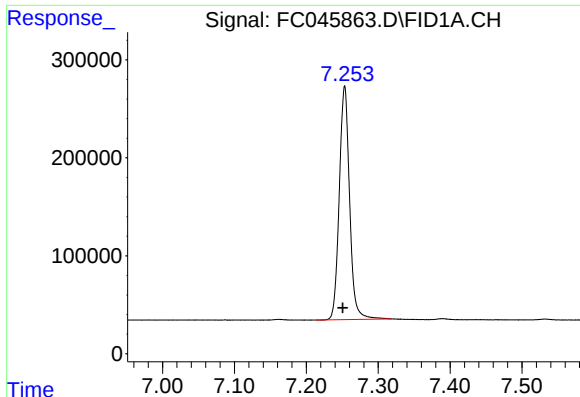
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: 0.005 min
Response: 2381865
Conc: 22.30 ug/ml



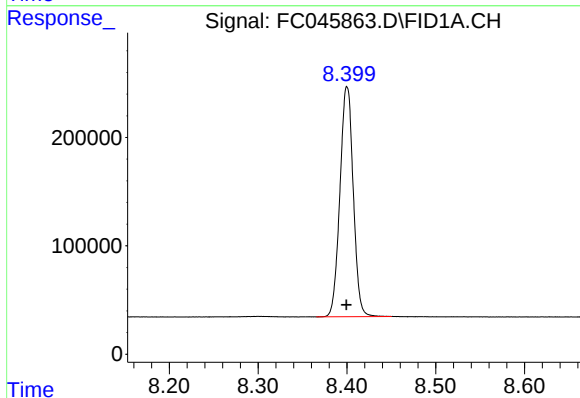
#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 2229033
Conc: 22.80 ug/ml



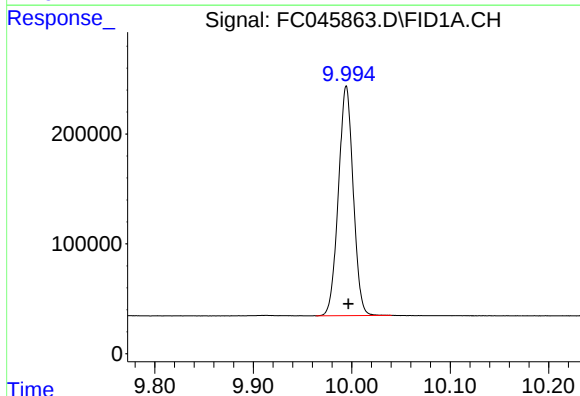
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.003 min
Response: 2377976
Conc: 22.18 ug/ml



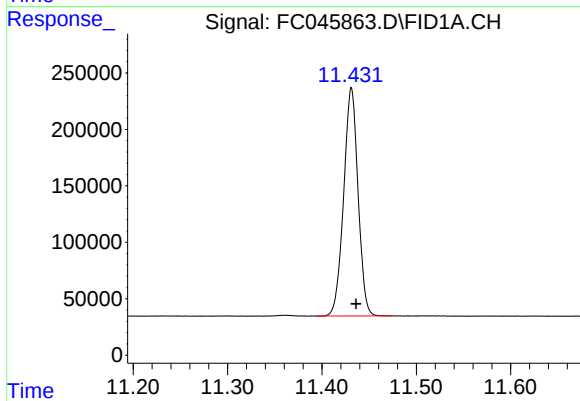
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 2213160
Conc: 22.46 ug/ml



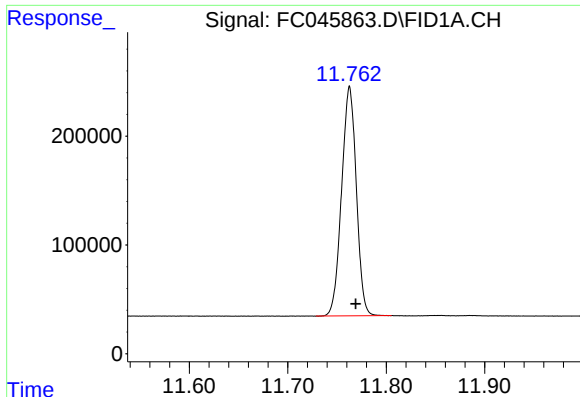
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: -0.002 min
Response: 2182099
Conc: 21.80 ug/ml



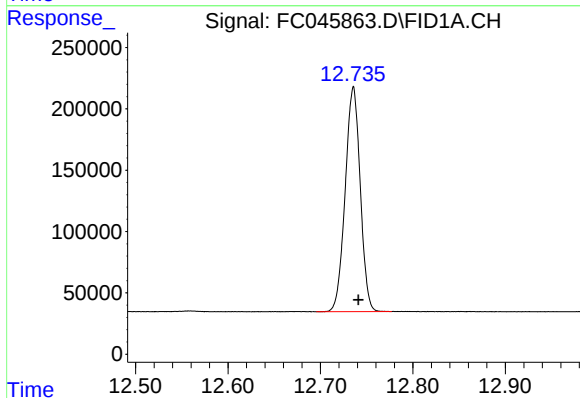
#8 n-Octadecane (C18)

R.T.: 11.431 min
Delta R.T.: -0.005 min
Response: 2142532
Conc: 21.04 ug/ml



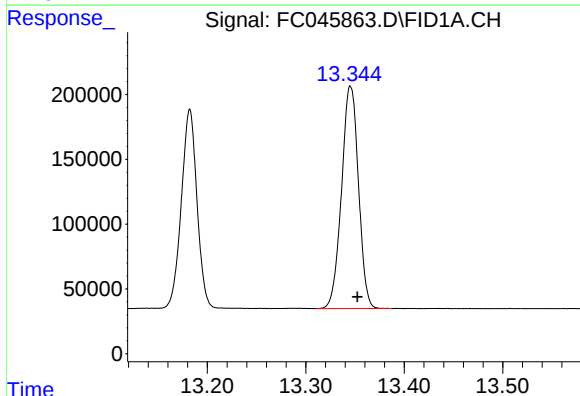
#9 ortho-Terphenyl (SURR)

R.T.: 11.763 min
Delta R.T.: -0.006 min
Response: 2192082
Conc: 19.94 ug/ml



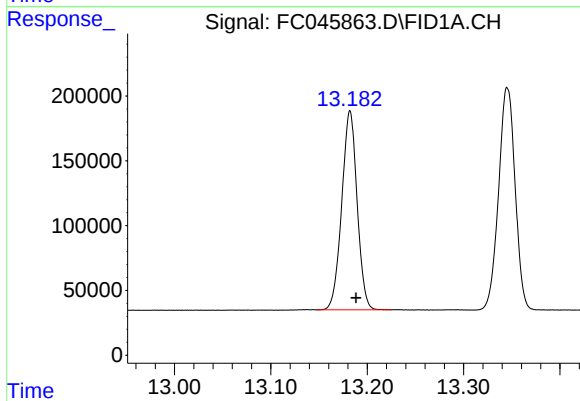
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: -0.005 min
Response: 2073175
Conc: 20.22 ug/ml



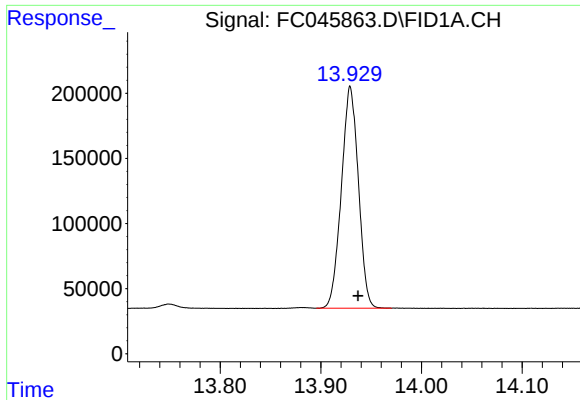
#11 n-Heneicosane (C21)

R.T.: 13.345 min
Delta R.T.: -0.007 min
Response: 2048582
Conc: 19.79 ug/ml



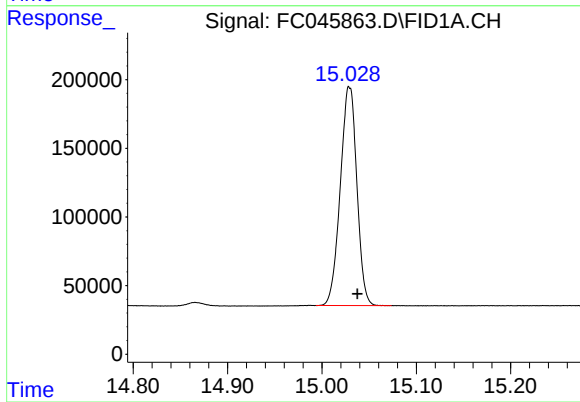
#12 1-chlorooctadecane (SURR)

R.T.: 13.182 min
Delta R.T.: -0.006 min
Response: 1690963
Conc: 19.45 ug/ml



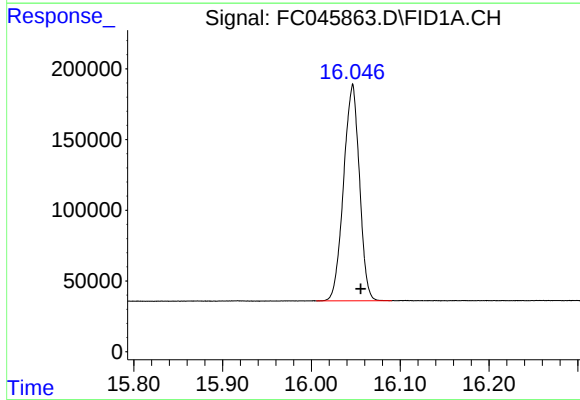
#13 n-Docosane (C22)

R.T.: 13.929 min
Delta R.T.: -0.008 min
Response: 2003667
Conc: 19.42 ug/ml



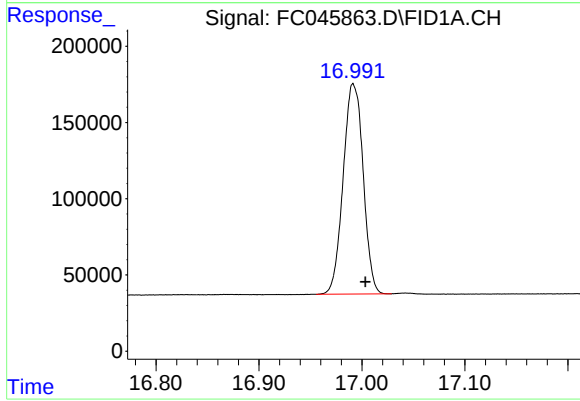
#14 n-Tetracosane (C24)

R.T.: 15.029 min
Delta R.T.: -0.008 min
Response: 1946957
Conc: 18.74 ug/ml



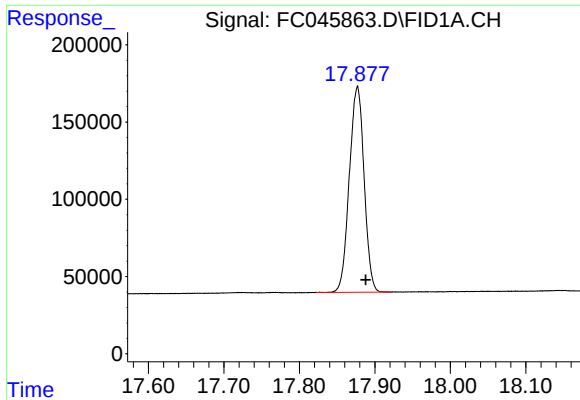
#15 n-Hexacosane (C26)

R.T.: 16.047 min
Delta R.T.: -0.009 min
Response: 1898372
Conc: 18.37 ug/ml



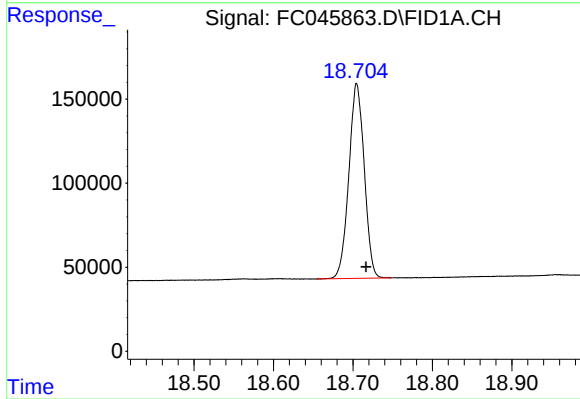
#16 n-Octacosane (C28)

R.T.: 16.992 min
Delta R.T.: -0.012 min
Response: 1861925
Conc: 18.22 ug/ml



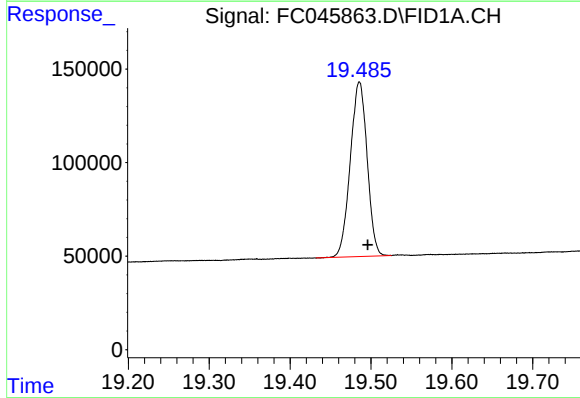
#17 n-Tricontane (C30)

R.T.: 17.877 min
Delta R.T.: -0.011 min
Response: 1810706
Conc: 18.44 ug/ml



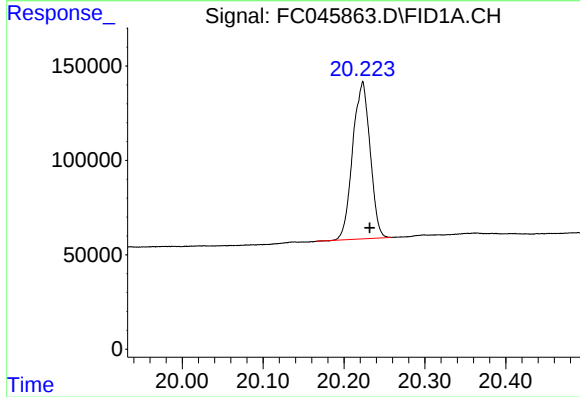
#18 n-Dotriacontane (C32)

R.T.: 18.705 min
Delta R.T.: -0.012 min
Response: 1559395
Conc: 18.74 ug/ml



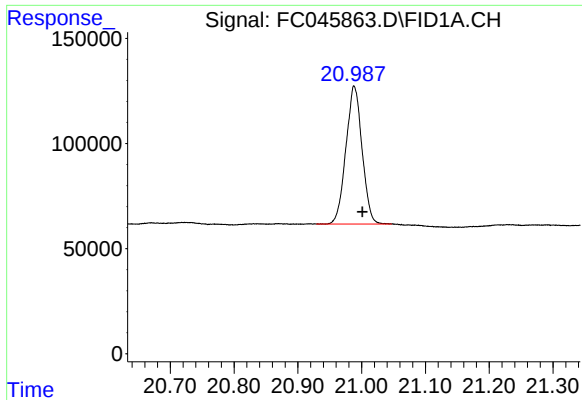
#19 n-Tetratriacontane (C34)

R.T.: 19.486 min
Delta R.T.: -0.010 min
Response: 1349190
Conc: 19.07 ug/ml



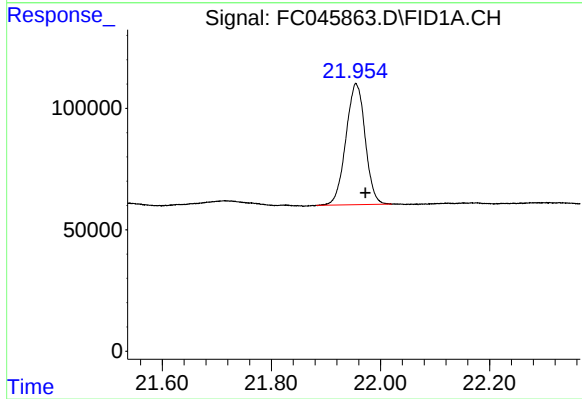
#20 n-Hexatriacontane (C36)

R.T.: 20.223 min
Delta R.T.: -0.009 min
Response: 1242125
Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.988 min
Delta R.T.: -0.013 min
Response: 1152534
Conc: 19.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.018 min
Response: 1223564
Conc: 20.74 ug/ml