

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021920AL\
 Data File : FC045878.D
 Signal(s) : FID1A.CH
 Acq On : 19 Feb 2020 22:23
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 20 00:15:56 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)	11.760	2096868	19.075 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
12) S 1-chlorooctadecane (S...	13.181	1621948	18.655 ug/ml
Spiked Amount 50.000		Recovery =	37.31%
Target Compounds			
1) T n-Nonane (C9)	3.530	2094237	21.652 ug/ml
2) T n-Decane (C10)	4.600	2108676	21.772 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2277088	21.320 ug/ml
4) T n-Dodecane (C12)	6.612	2128228	21.770 ug/ml
5) T A~2-methylnaphthalene...	7.253	2277311	21.245 ug/ml
6) T n-Tetradecane (C14)	8.399	2112157	21.434 ug/ml
7) T n-Hexadecane (C16)	9.993	2087014	20.846 ug/ml
8) T n-Octadecane (C18)	11.429	2049279	20.120 ug/ml
10) T n-Eicosane (C20)	12.733	1982526	19.332 ug/ml
11) T n-Heneicosane (C21)	13.342	1960506	18.941 ug/ml
13) T n-Docosane (C22)	13.927	1918141	18.591 ug/ml
14) T n-Tetracosane (C24)	15.026	1863900	17.937 ug/ml
15) T n-Hexacosane (C26)	16.044	1818643	17.603 ug/ml
16) T n-Octacosane (C28)	16.990	1791228	17.525 ug/ml
17) T n-Tricontane (C30)	17.874	1749405	17.820 ug/ml
18) T n-Dotriacontane (C32)	18.704	1514439	18.200 ug/ml
19) T n-Tetratriacontane (C34)	19.484	1298955	18.355 ug/ml
20) T n-Hexatriacontane (C36)	20.220	1203916	18.776 ug/ml
21) T n-Octatriacontane (C38)	20.985	1109650	18.972 ug/ml
22) T n-Tetracontane (C40)	21.950	1141101	19.343 ug/ml

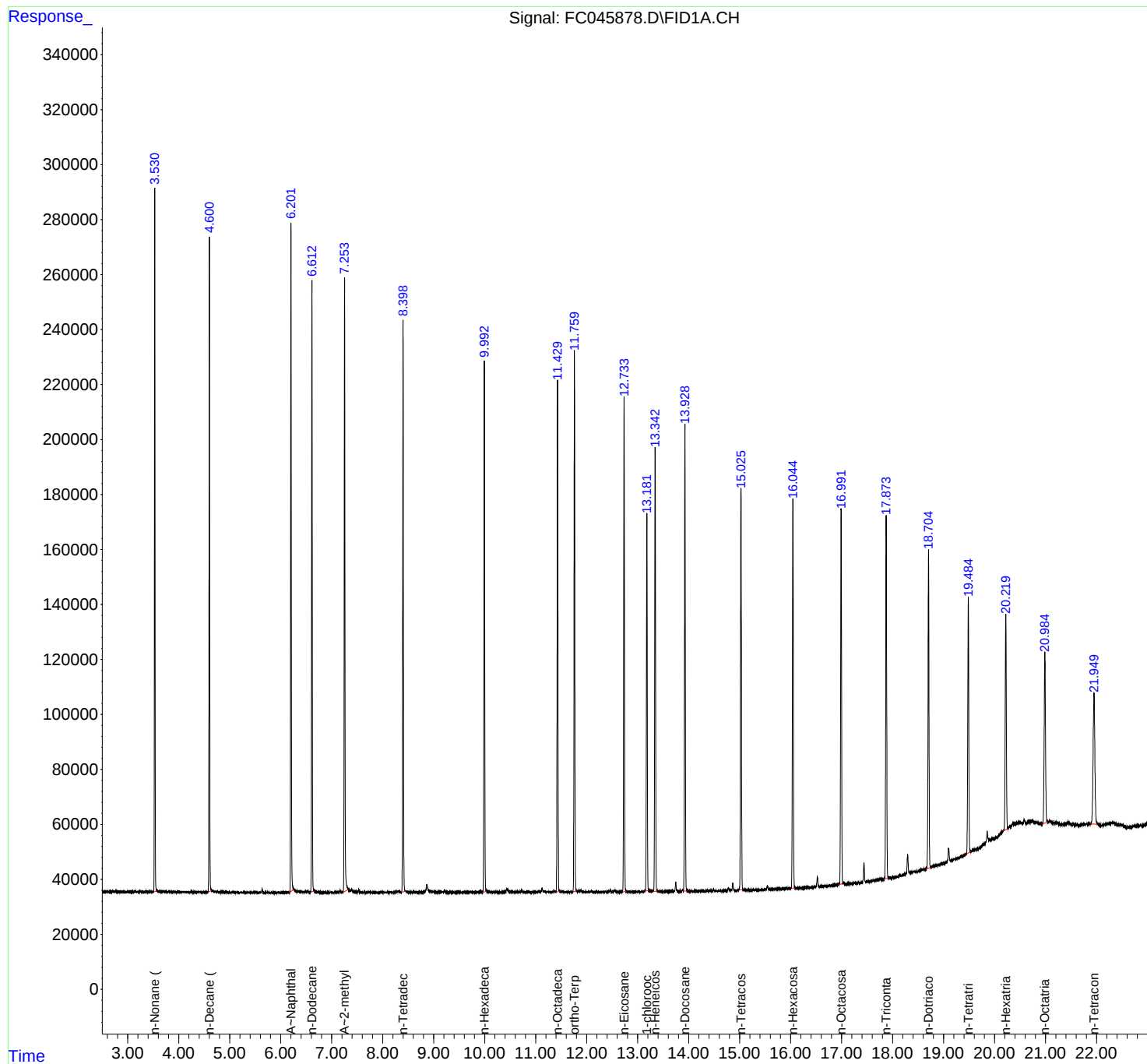
(f)=RT Delta > 1/2 Window

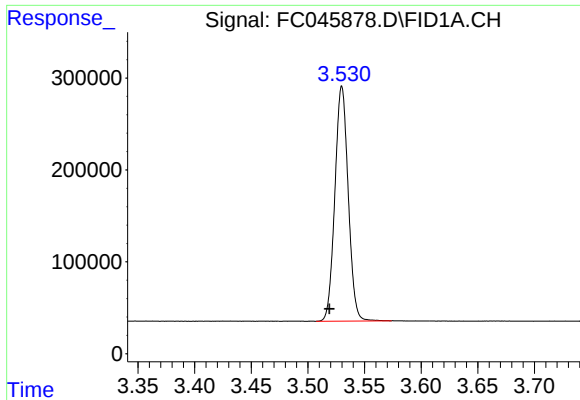
(m)=manual int.

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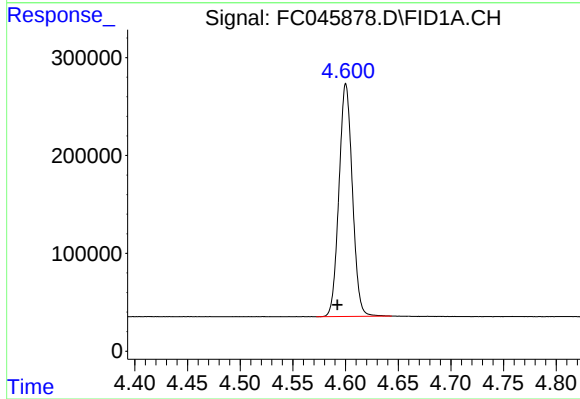
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Signal Info : 20M x 0.18mm x 0.18um





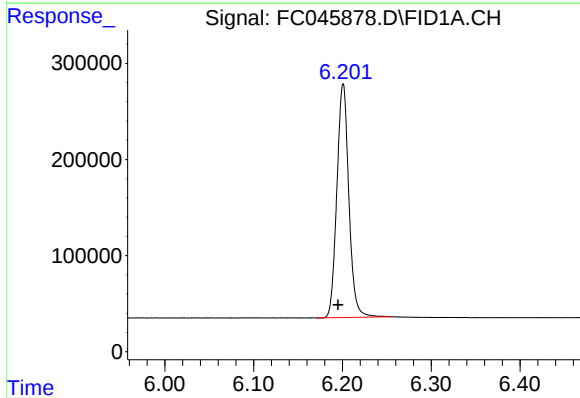
#1 n-Nonane (C9)

R.T.: 3.530 min
Delta R.T.: 0.011 min
Response: 2094237
Conc: 21.65 ug/ml



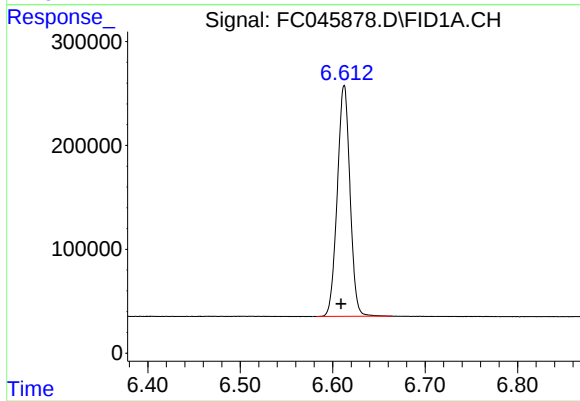
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: 0.008 min
Response: 2108676
Conc: 21.77 ug/ml



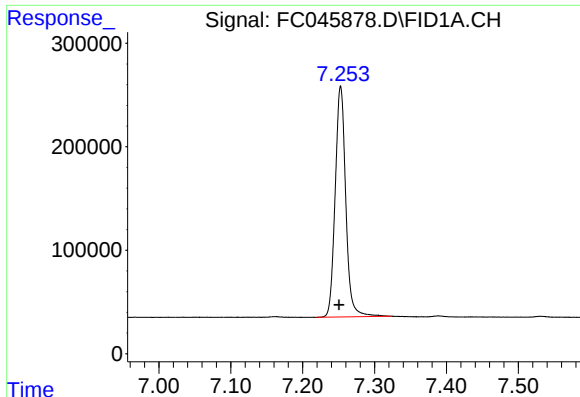
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: 0.006 min
Response: 2277088
Conc: 21.32 ug/ml



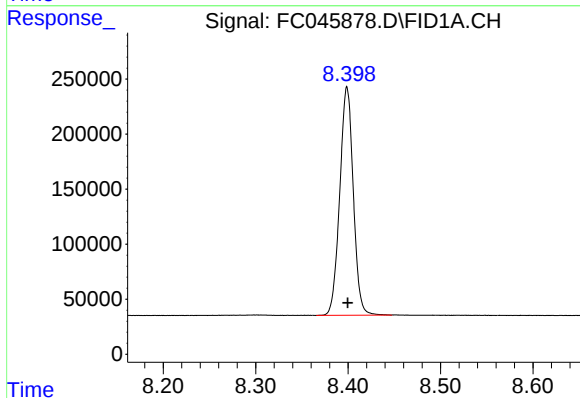
#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 2128228
Conc: 21.77 ug/ml



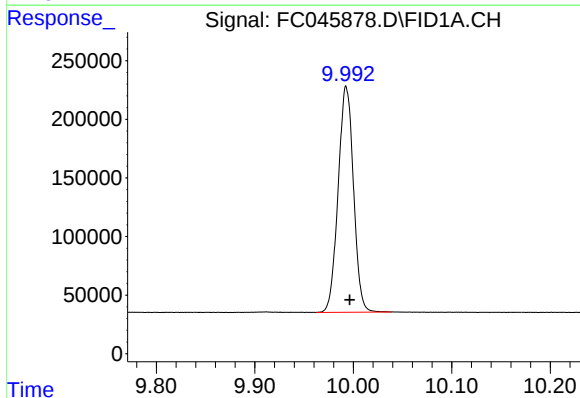
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.002 min
Response: 2277311
Conc: 21.24 ug/ml



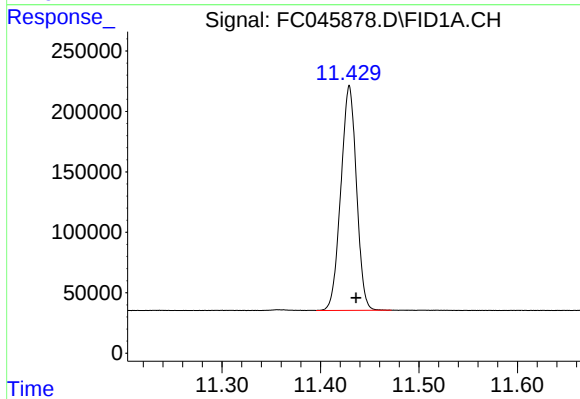
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.000 min
Response: 2112157
Conc: 21.43 ug/ml



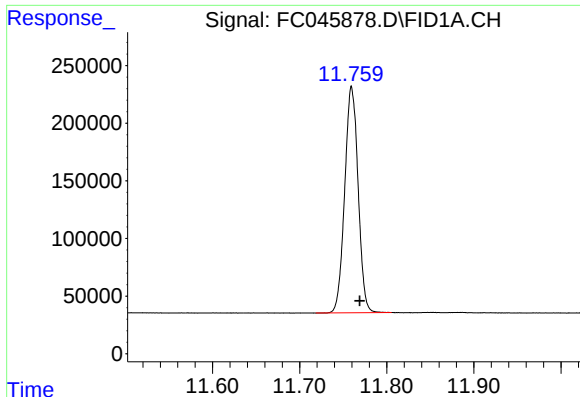
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: -0.004 min
Response: 2087014
Conc: 20.85 ug/ml



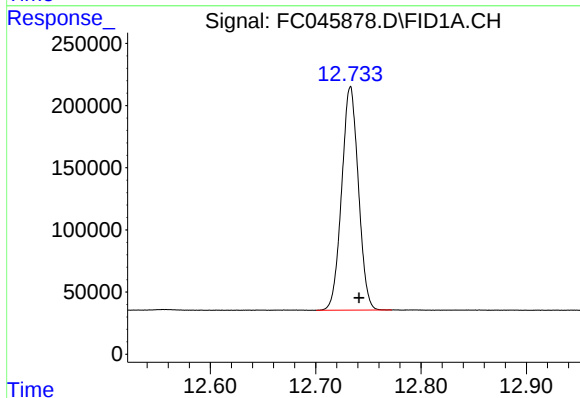
#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: -0.007 min
Response: 2049279
Conc: 20.12 ug/ml



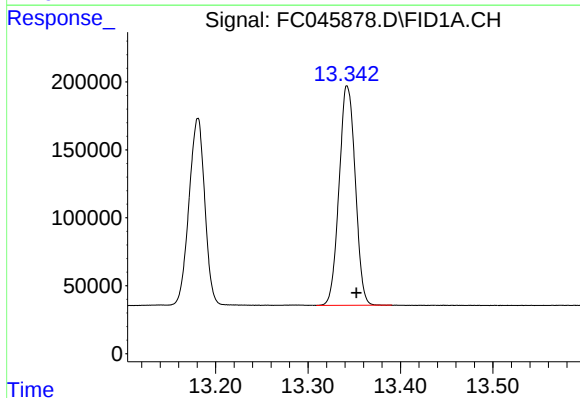
#9 ortho-Terphenyl (SURR)

R.T.: 11.760 min
Delta R.T.: -0.009 min
Response: 2096868
Conc: 19.07 ug/ml



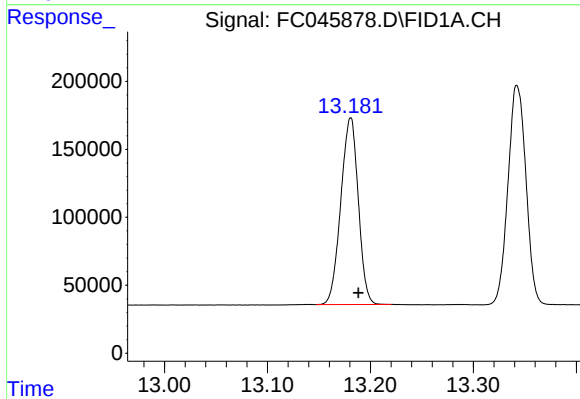
#10 n-Eicosane (C20)

R.T.: 12.733 min
Delta R.T.: -0.008 min
Response: 1982526
Conc: 19.33 ug/ml



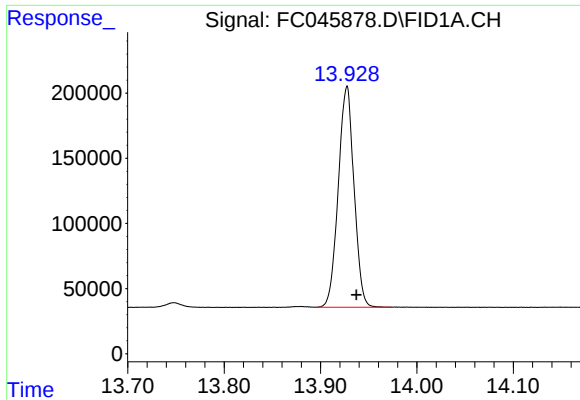
#11 n-Heneicosane (C21)

R.T.: 13.342 min
Delta R.T.: -0.010 min
Response: 1960506
Conc: 18.94 ug/ml



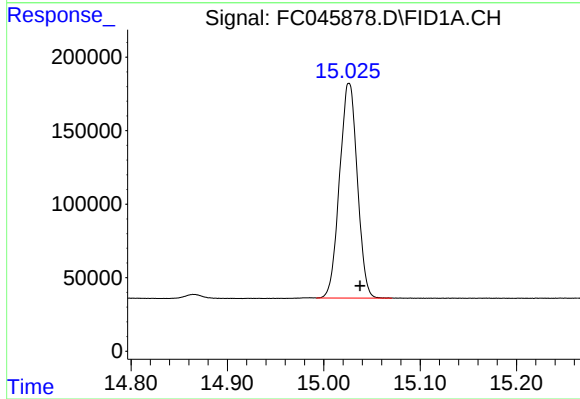
#12 1-chlorooctadecane (SURR)

R.T.: 13.181 min
Delta R.T.: -0.008 min
Response: 1621948
Conc: 18.65 ug/ml



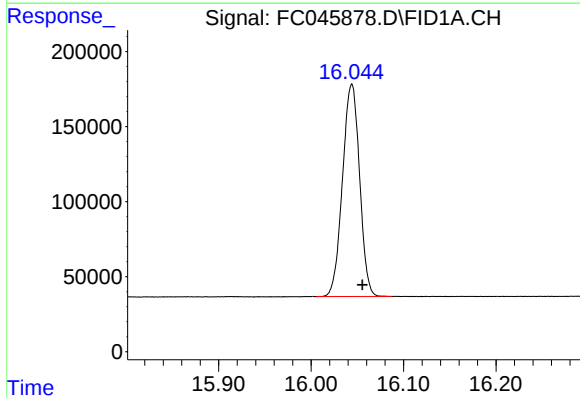
#13 n-Docosane (C22)

R.T.: 13.927 min
Delta R.T.: -0.010 min
Response: 1918141
Conc: 18.59 ug/ml



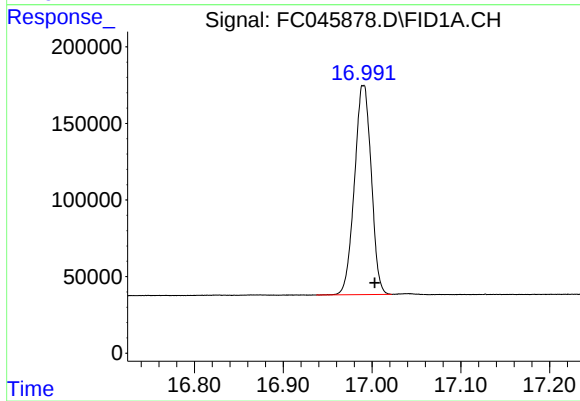
#14 n-Tetracosane (C24)

R.T.: 15.026 min
Delta R.T.: -0.011 min
Response: 1863900
Conc: 17.94 ug/ml



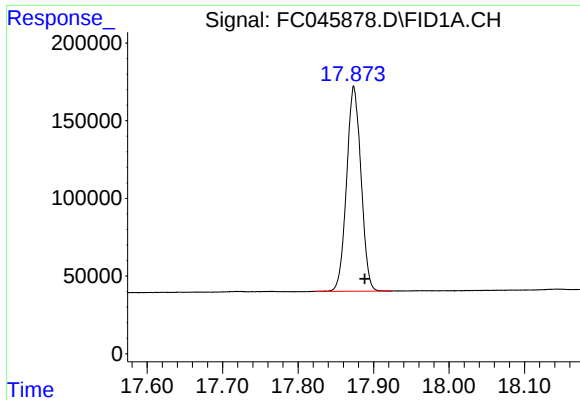
#15 n-Hexacosane (C26)

R.T.: 16.044 min
Delta R.T.: -0.012 min
Response: 1818643
Conc: 17.60 ug/ml



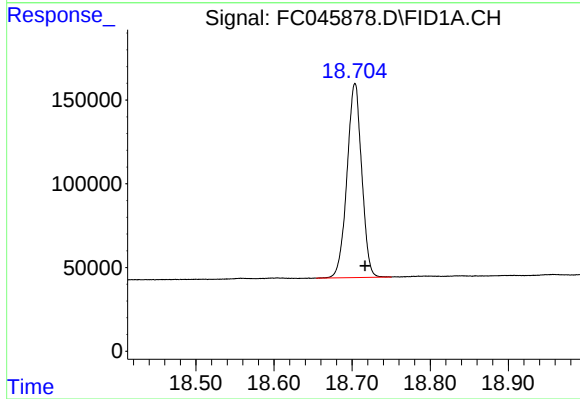
#16 n-Octacosane (C28)

R.T.: 16.990 min
Delta R.T.: -0.013 min
Response: 1791228
Conc: 17.52 ug/ml



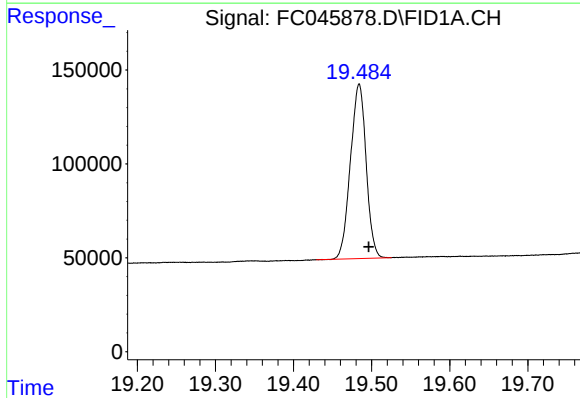
#17 n-Tricontane (C30)

R.T.: 17.874 min
Delta R.T.: -0.014 min
Response: 1749405
Conc: 17.82 ug/ml



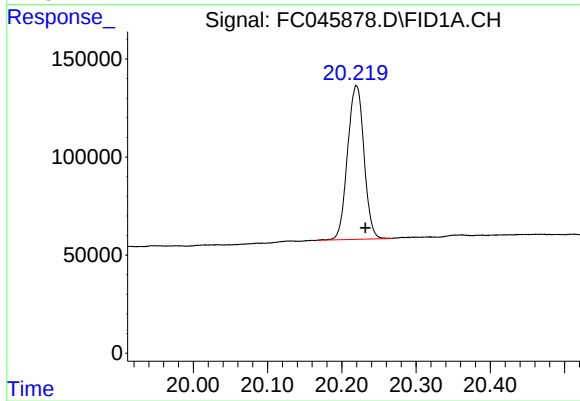
#18 n-Dotriacontane (C32)

R.T.: 18.704 min
Delta R.T.: -0.013 min
Response: 1514439
Conc: 18.20 ug/ml



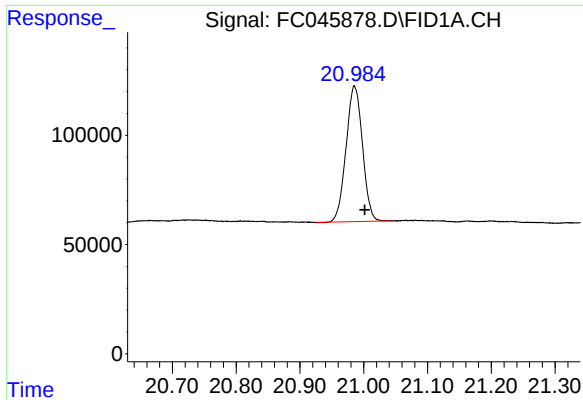
#19 n-Tetratriacontane (C34)

R.T.: 19.484 min
Delta R.T.: -0.012 min
Response: 1298955
Conc: 18.36 ug/ml



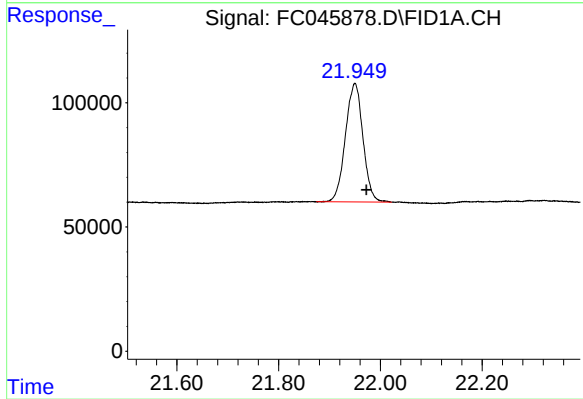
#20 n-Hexatriacontane (C36)

R.T.: 20.220 min
Delta R.T.: -0.012 min
Response: 1203916
Conc: 18.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.985 min
Delta R.T.: -0.016 min
Response: 1109650
Conc: 18.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.022 min
Response: 1141101
Conc: 19.34 ug/ml