

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021720AL\
 Data File : FC045844.D
 Signal(s) : FID1A.CH
 Acq On : 17 Feb 2020 12:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 18 00:48:59 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	2131438	19.389 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
12) S 1-chlorooctadecane (S...	13.180	1647099	18.944 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
Target Compounds			
1) T n-Nonane (C9)	3.528	2159581	22.327 ug/ml
2) T n-Decane (C10)	4.598	2169305	22.398 ug/ml
3) T A~Naphthalene (C11.7)	6.198	2334785	21.860 ug/ml
4) T n-Dodecane (C12)	6.611	2179561	22.295 ug/ml
5) T A~2-methylnaphthalene...	7.251	2328105	21.719 ug/ml
6) T n-Tetradecane (C14)	8.398	2154253	21.861 ug/ml
7) T n-Hexadecane (C16)	9.993	2121856	21.194 ug/ml
8) T n-Octadecane (C18)	11.428	2082571	20.447 ug/ml
10) T n-Eicosane (C20)	12.734	2013600	19.635 ug/ml
11) T n-Heneicosane (C21)	13.344	1990440	19.230 ug/ml
13) T n-Docosane (C22)	13.928	1945375	18.854 ug/ml
14) T n-Tetracosane (C24)	15.026	1886117	18.151 ug/ml
15) T n-Hexacosane (C26)	16.044	1821081	17.627 ug/ml
16) T n-Octacosane (C28)	16.991	1771360	17.330 ug/ml
17) T n-Tricontane (C30)	17.874	1715779	17.478 ug/ml
18) T n-Dotriacontane (C32)	18.704	1476214	17.741 ug/ml
19) T n-Tetratriacontane (C34)	19.484	1282643	18.125 ug/ml
20) T n-Hexatriacontane (C36)	20.222	1192515	18.598 ug/ml
21) T n-Octatriacontane (C38)	20.986	1108832	18.958 ug/ml
22) T n-Tetracontane (C40)	21.954	1160541	19.673 ug/ml

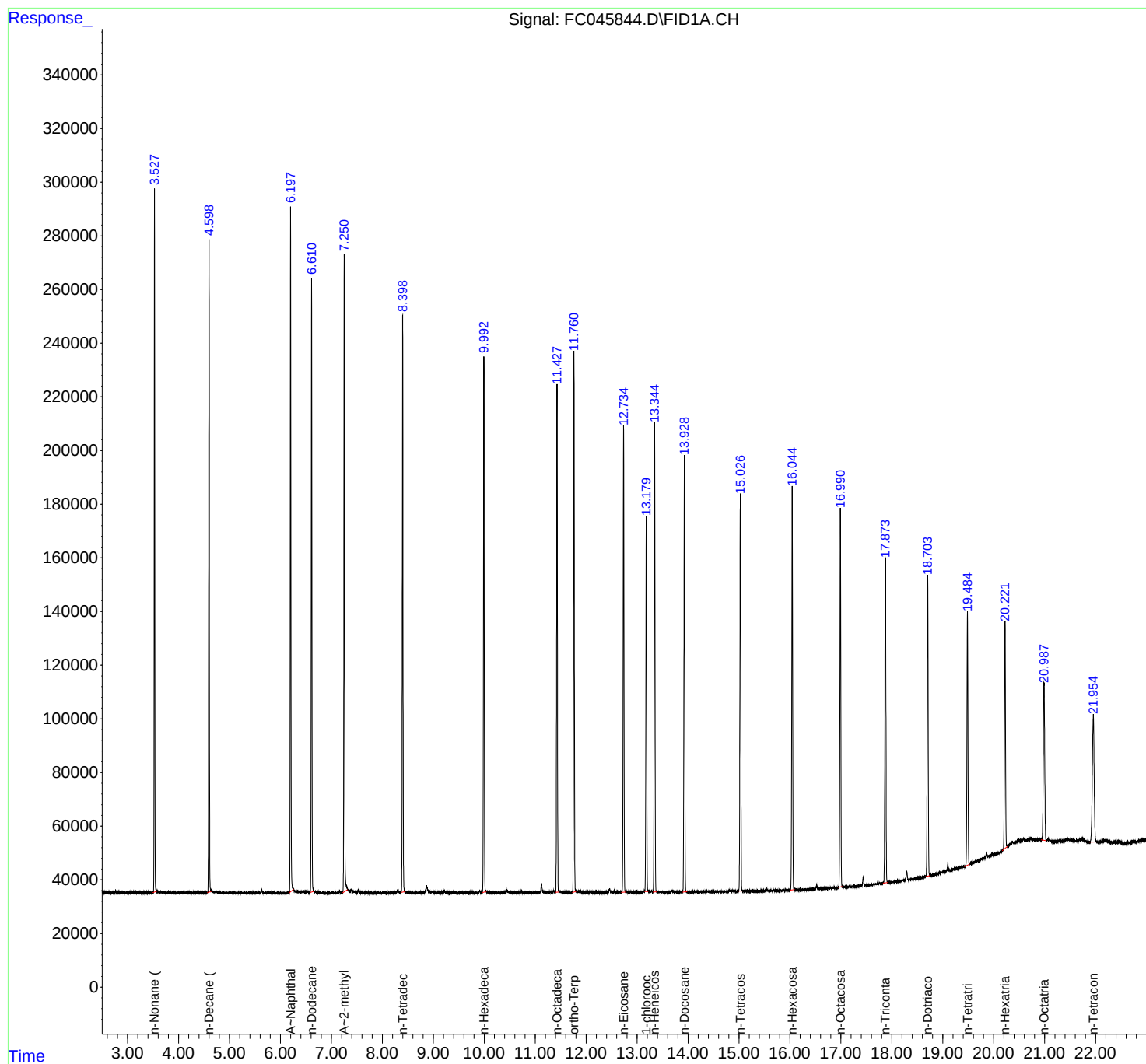
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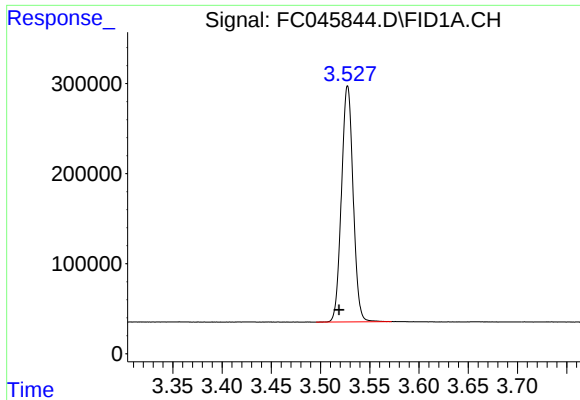
(m)=manual int.

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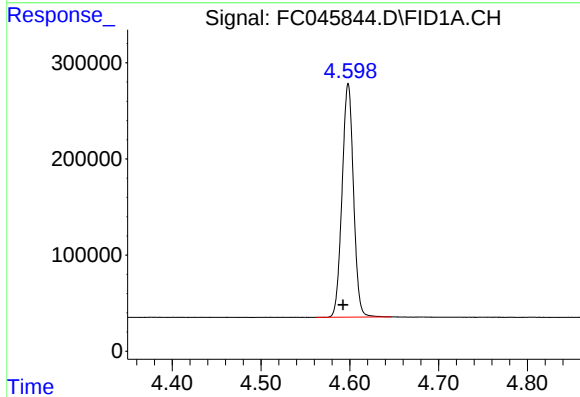
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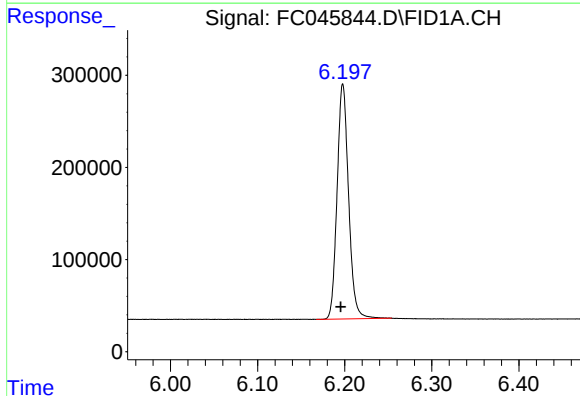
#1 n-Nonane (C9)

R.T.: 3.528 min
Delta R.T.: 0.009 min
Response: 2159581
Conc: 22.33 ug/ml



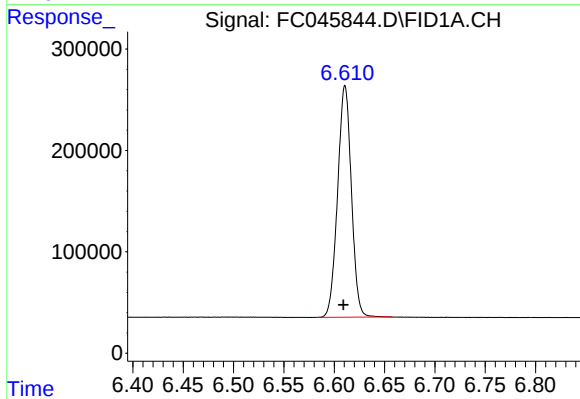
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: 0.006 min
Response: 2169305
Conc: 22.40 ug/ml



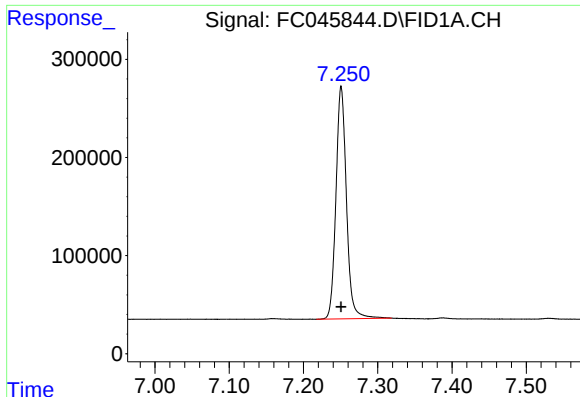
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: 0.003 min
Response: 2334785
Conc: 21.86 ug/ml



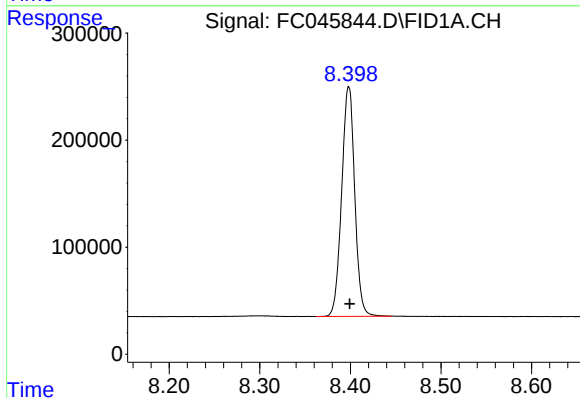
#4 n-Dodecane (C12)

R.T.: 6.611 min
Delta R.T.: 0.002 min
Response: 2179561
Conc: 22.29 ug/ml



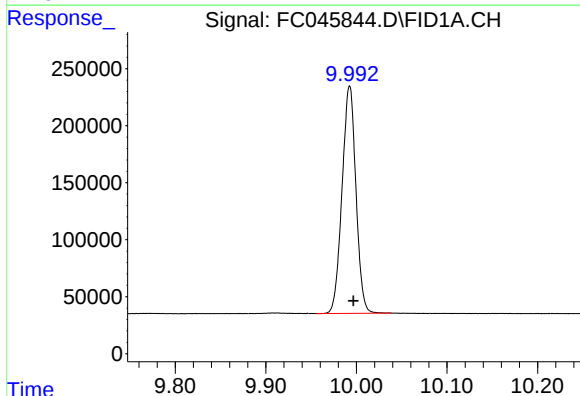
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 2328105
Conc: 21.72 ug/ml



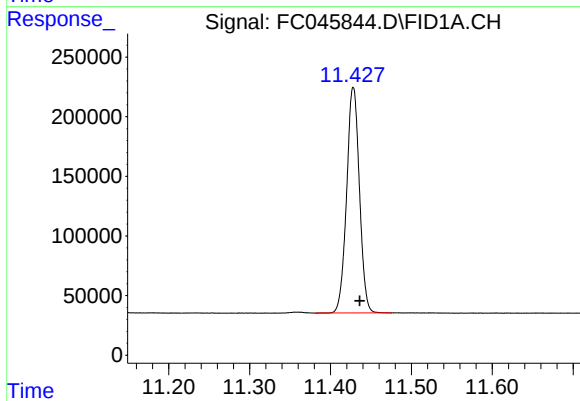
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: -0.001 min
Response: 2154253
Conc: 21.86 ug/ml



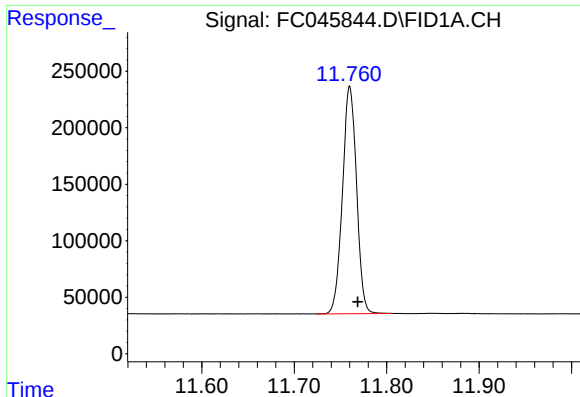
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: -0.004 min
Response: 2121856
Conc: 21.19 ug/ml



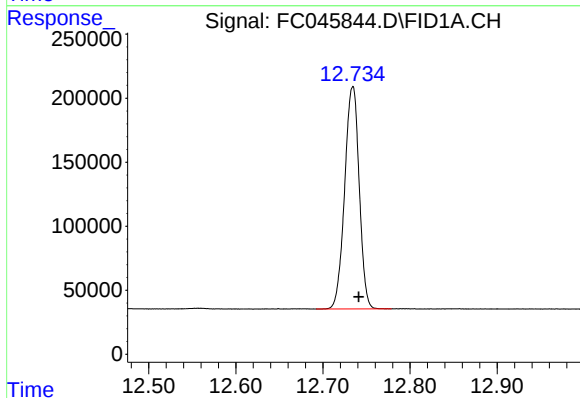
#8 n-Octadecane (C18)

R.T.: 11.428 min
Delta R.T.: -0.008 min
Response: 2082571
Conc: 20.45 ug/ml



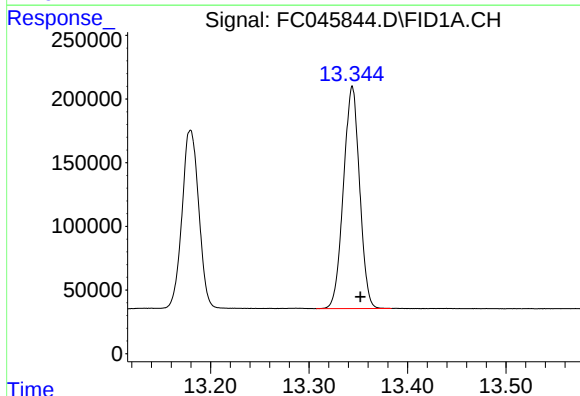
#9 ortho-Terphenyl (SURR)

R.T.: 11.760 min
Delta R.T.: -0.009 min
Response: 2131438
Conc: 19.39 ug/ml



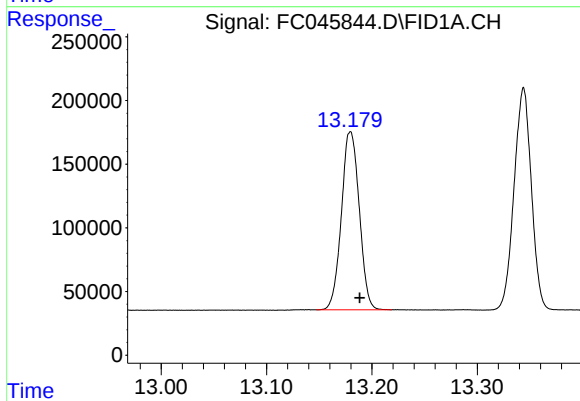
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: -0.007 min
Response: 2013600
Conc: 19.63 ug/ml



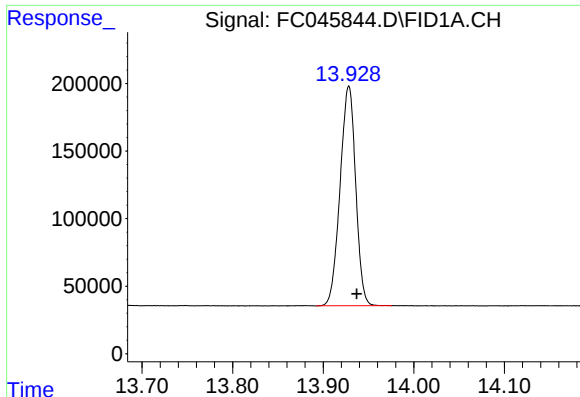
#11 n-Heneicosane (C21)

R.T.: 13.344 min
Delta R.T.: -0.008 min
Response: 1990440
Conc: 19.23 ug/ml



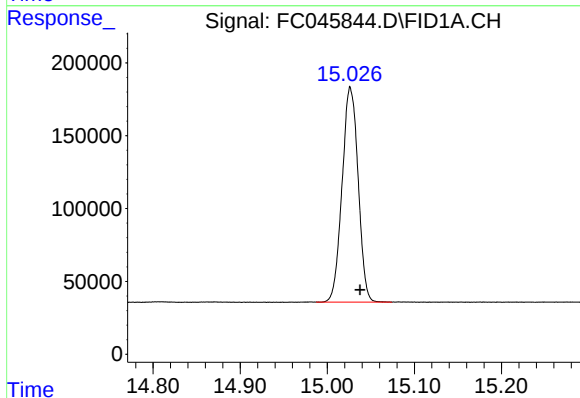
#12 1-chlorooctadecane (SURR)

R.T.: 13.180 min
Delta R.T.: -0.009 min
Response: 1647099
Conc: 18.94 ug/ml



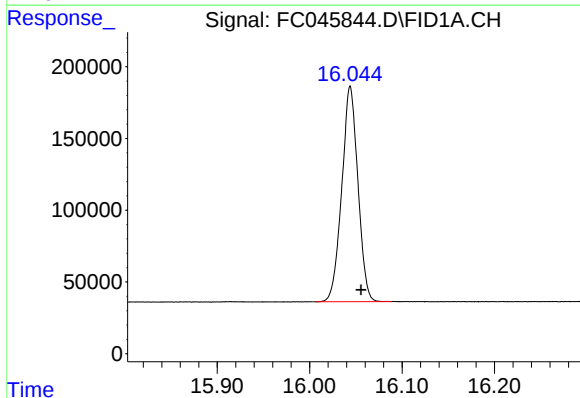
#13 n-Docosane (C22)

R.T.: 13.928 min
Delta R.T.: -0.009 min
Response: 1945375
Conc: 18.85 ug/ml



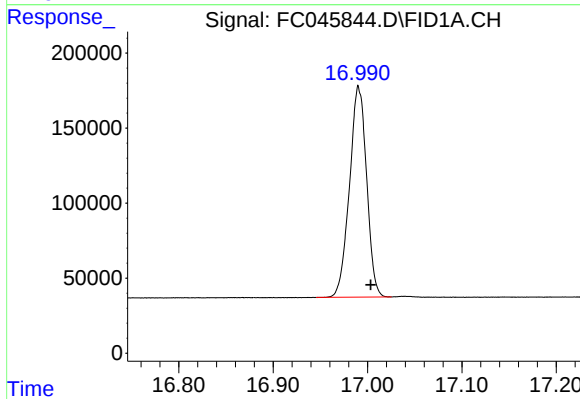
#14 n-Tetracosane (C24)

R.T.: 15.026 min
Delta R.T.: -0.011 min
Response: 1886117
Conc: 18.15 ug/ml



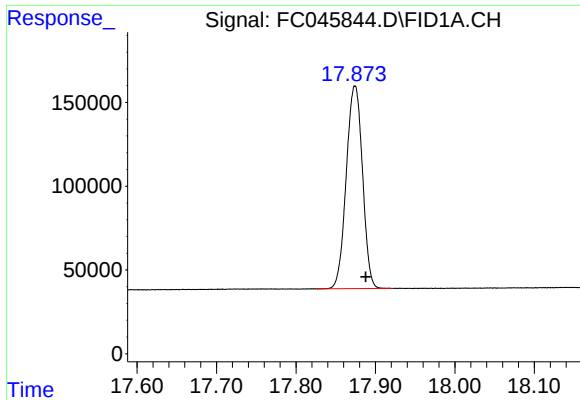
#15 n-Hexacosane (C26)

R.T.: 16.044 min
Delta R.T.: -0.012 min
Response: 1821081
Conc: 17.63 ug/ml



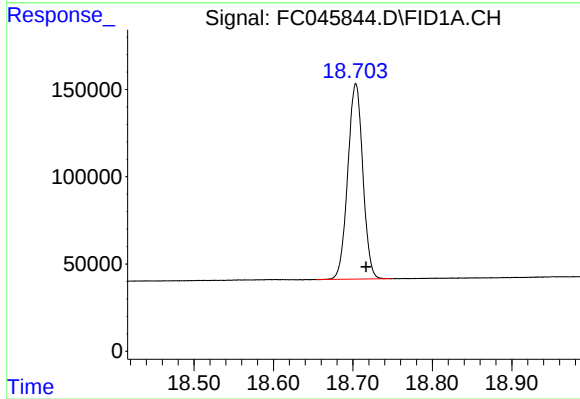
#16 n-Octacosane (C28)

R.T.: 16.991 min
Delta R.T.: -0.013 min
Response: 1771360
Conc: 17.33 ug/ml



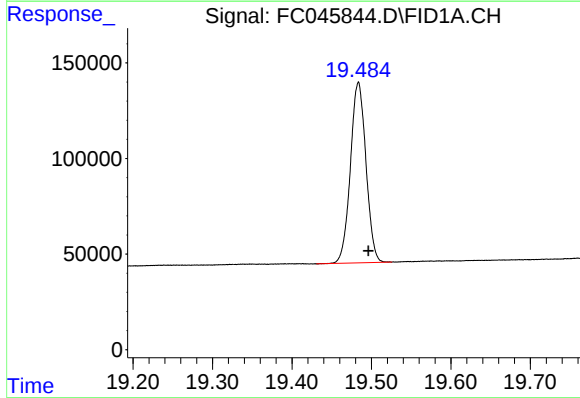
#17 n-Tricontane (C30)

R.T.: 17.874 min
Delta R.T.: -0.014 min
Response: 1715779
Conc: 17.48 ug/ml



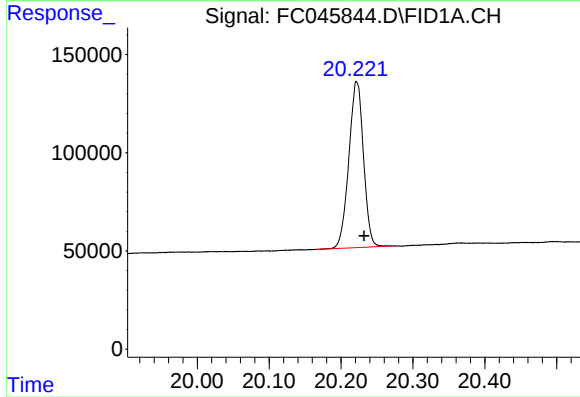
#18 n-Dotriacontane (C32)

R.T.: 18.704 min
Delta R.T.: -0.013 min
Response: 1476214
Conc: 17.74 ug/ml



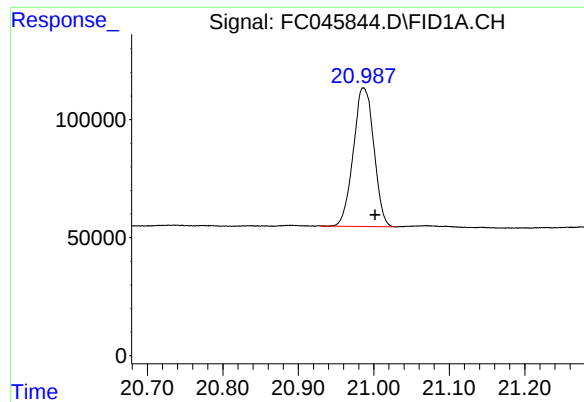
#19 n-Tetratriacontane (C34)

R.T.: 19.484 min
Delta R.T.: -0.013 min
Response: 1282643
Conc: 18.12 ug/ml



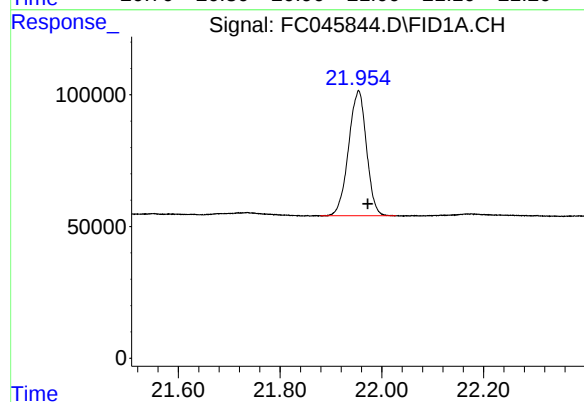
#20 n-Hexatriacontane (C36)

R.T.: 20.222 min
Delta R.T.: -0.010 min
Response: 1192515
Conc: 18.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.986 min
Delta R.T.: -0.015 min
Response: 1108832
Conc: 18.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.954 min
Delta R.T.: -0.018 min
Response: 1160541
Conc: 19.67 ug/ml