

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030420AL\
 Data File : FC046108.D
 Signal(s) : FID1A.CH
 Acq On : 05 Mar 2020 2:24
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 05 04:27:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.764	2303671	20.194 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
12) S 1-chlorooctadecane (S...	13.182	1779026	19.831 ug/ml
Spiked Amount 50.000		Recovery =	39.66%
Target Compounds			
1) T n-Nonane (C9)	3.536	2208559	21.910 ug/ml
2) T n-Decane (C10)	4.606	2246046	22.269 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2452689	22.089 ug/ml
4) T n-Dodecane (C12)	6.618	2274144	22.291 ug/ml
5) T A~2-methylnaphthalene...	7.258	2467413	22.182 ug/ml
6) T n-Tetradecane (C14)	8.404	2260553	22.083 ug/ml
7) T n-Hexadecane (C16)	9.997	2241666	21.651 ug/ml
8) T n-Octadecane (C18)	11.433	2211516	21.037 ug/ml
10) T n-Eicosane (C20)	12.735	2150556	20.344 ug/ml
11) T n-Heneicosane (C21)	13.344	2130934	19.979 ug/ml
13) T n-Docosane (C22)	13.928	2087121	19.642 ug/ml
14) T n-Tetracosane (C24)	15.027	2030415	18.971 ug/ml
15) T n-Hexacosane (C26)	16.043	1966519	18.502 ug/ml
16) T n-Octacosane (C28)	16.990	1921397	18.352 ug/ml
17) T n-Tricontane (C30)	17.874	1874089	18.597 ug/ml
18) T n-Dotriacontane (C32)	18.703	1629308	19.038 ug/ml
19) T n-Tetratriacontane (C34)	19.482	1403688	19.340 ug/ml
20) T n-Hexatriacontane (C36)	20.220	1321812	19.545 ug/ml
21) T n-Octatriacontane (C38)	20.984	1202438	19.894 ug/ml
22) T n-Tetracontane (C40)	21.950	1255243	19.965 ug/ml

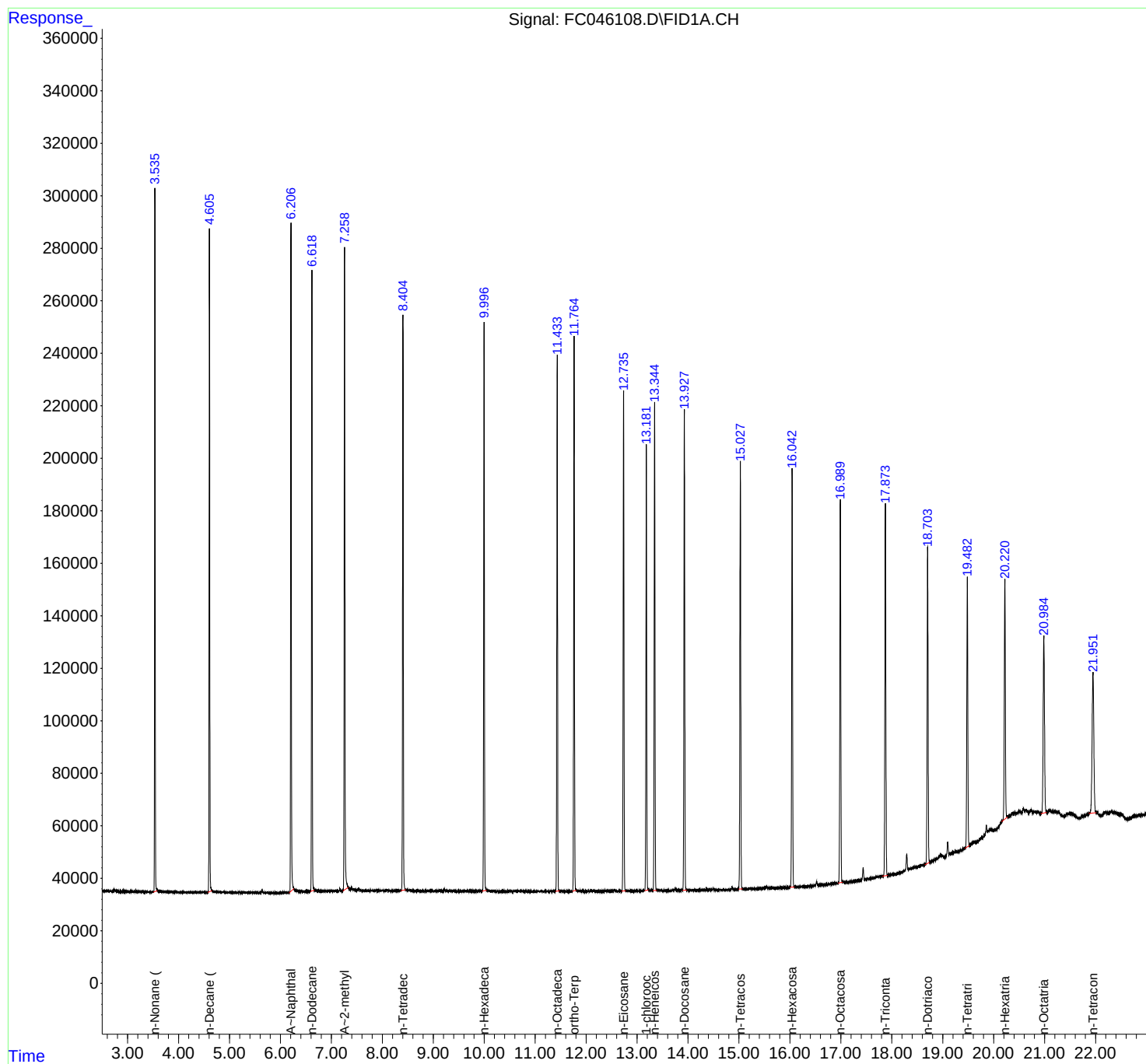
(f)=RT Delta > 1/2 Window

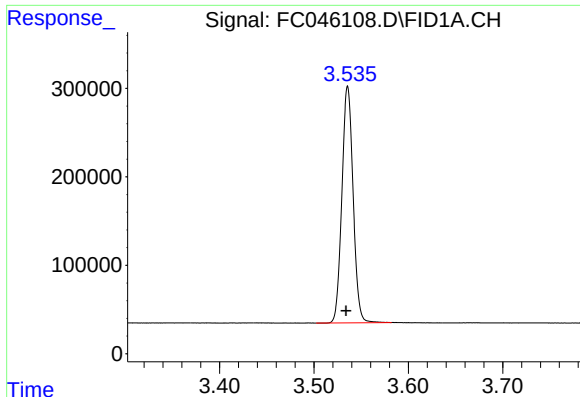
(m)=manual int.

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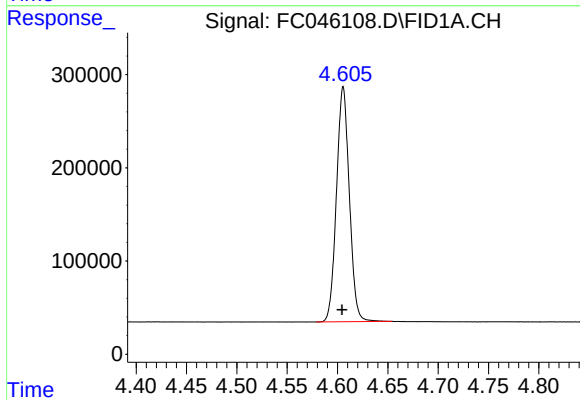
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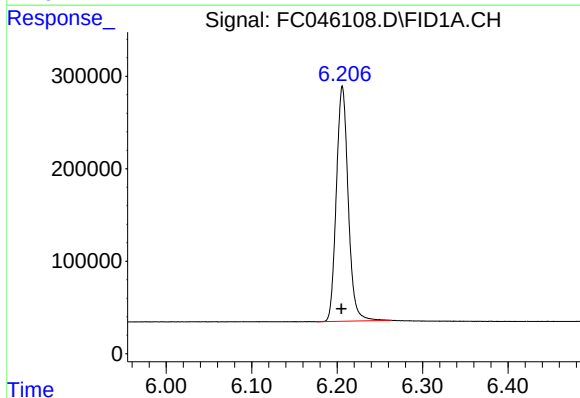
#1 n-Nonane (C9)

R.T.: 3.536 min
Delta R.T.: 0.002 min
Response: 2208559
Conc: 21.91 ug/ml



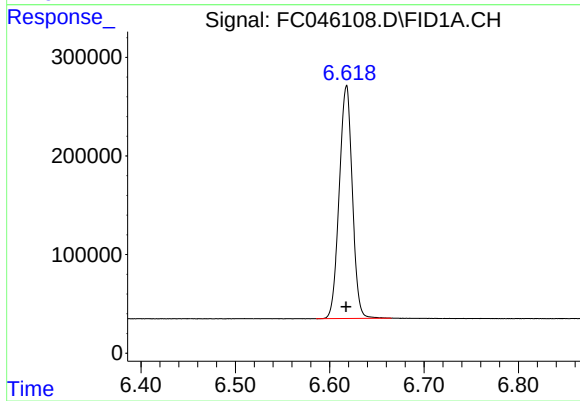
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 2246046
Conc: 22.27 ug/ml



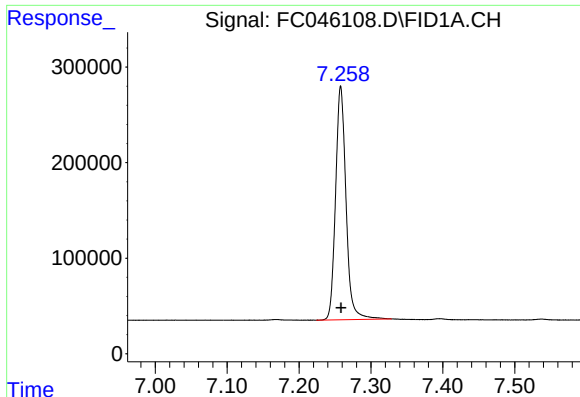
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: 0.001 min
Response: 2452689
Conc: 22.09 ug/ml



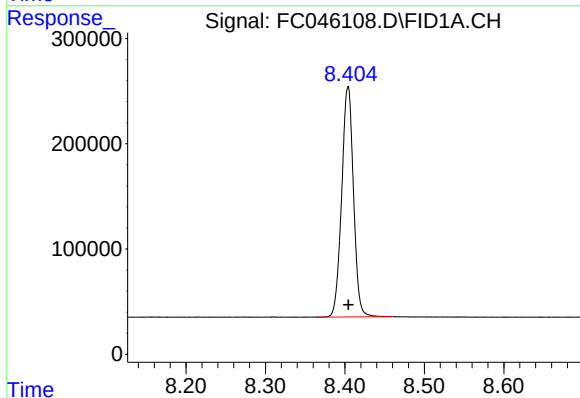
#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 2274144
Conc: 22.29 ug/ml



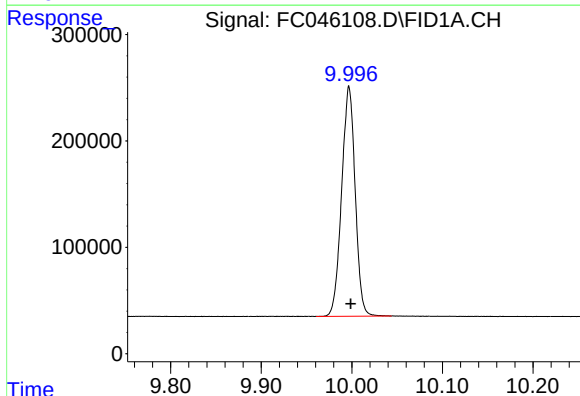
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 2467413
Conc: 22.18 ug/ml



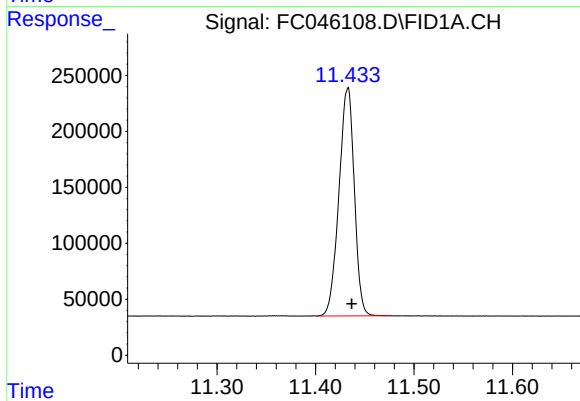
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 2260553
Conc: 22.08 ug/ml



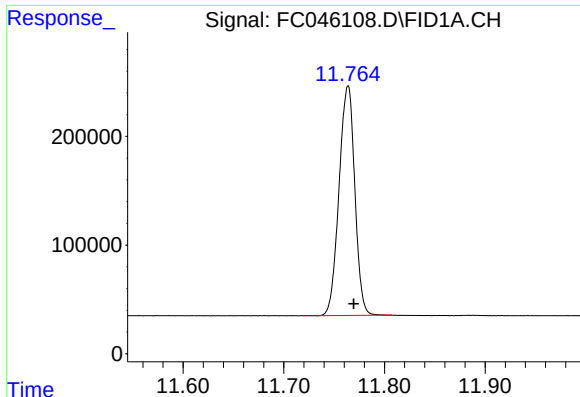
#7 n-Hexadecane (C16)

R.T.: 9.997 min
Delta R.T.: -0.002 min
Response: 2241666
Conc: 21.65 ug/ml



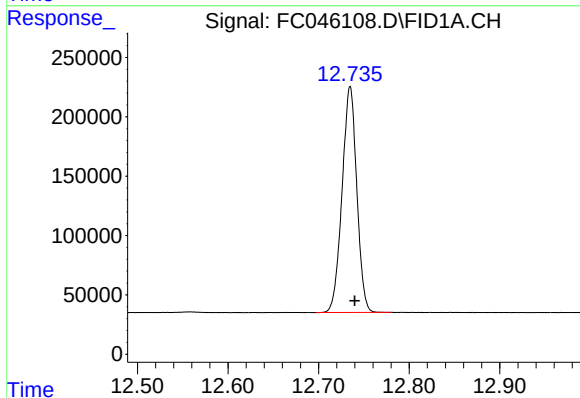
#8 n-Octadecane (C18)

R.T.: 11.433 min
Delta R.T.: -0.004 min
Response: 2211516
Conc: 21.04 ug/ml



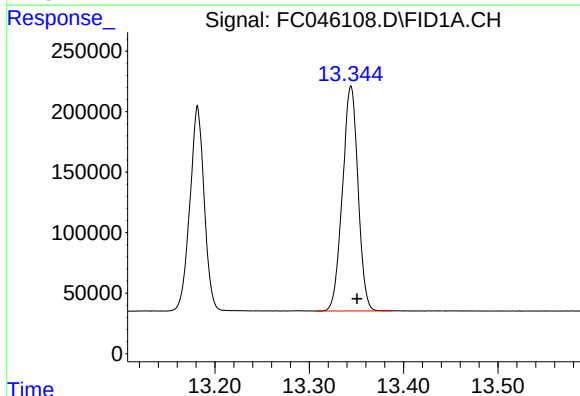
#9 ortho-Terphenyl (SURR)

R.T.: 11.764 min
Delta R.T.: -0.006 min
Response: 2303671
Conc: 20.19 ug/ml



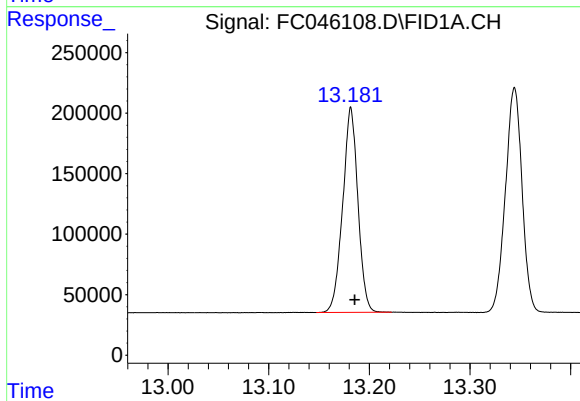
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: -0.005 min
Response: 2150556
Conc: 20.34 ug/ml



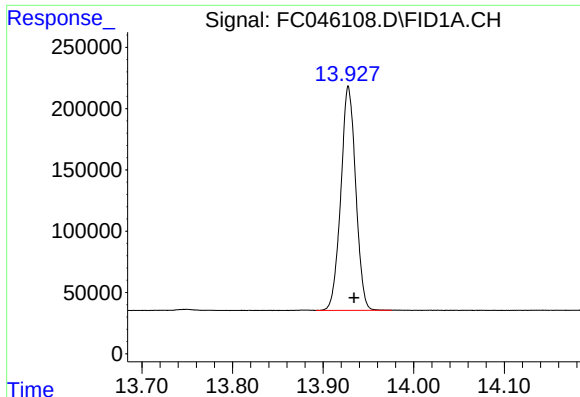
#11 n-Heneicosane (C21)

R.T.: 13.344 min
Delta R.T.: -0.006 min
Response: 2130934
Conc: 19.98 ug/ml



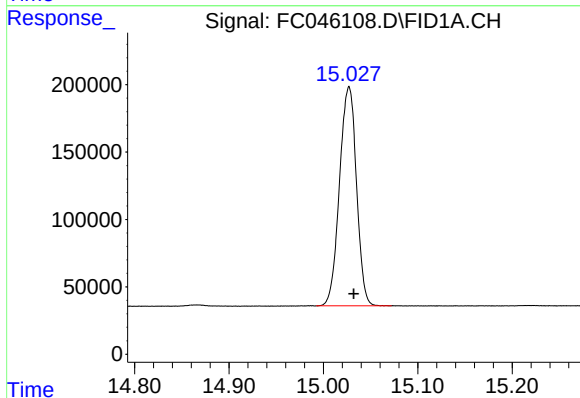
#12 1-chlorooctadecane (SURR)

R.T.: 13.182 min
Delta R.T.: -0.004 min
Response: 1779026
Conc: 19.83 ug/ml



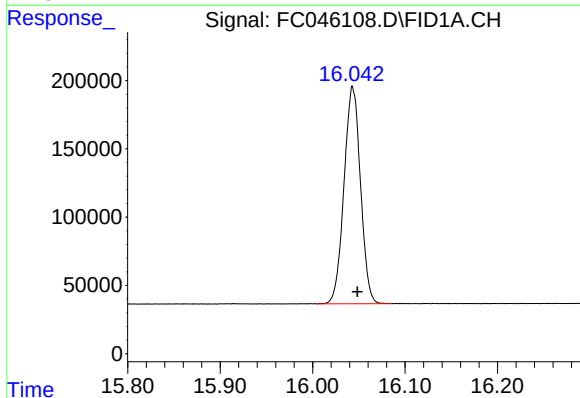
#13 n-Docosane (C22)

R.T.: 13.928 min
Delta R.T.: -0.006 min
Response: 2087121
Conc: 19.64 ug/ml



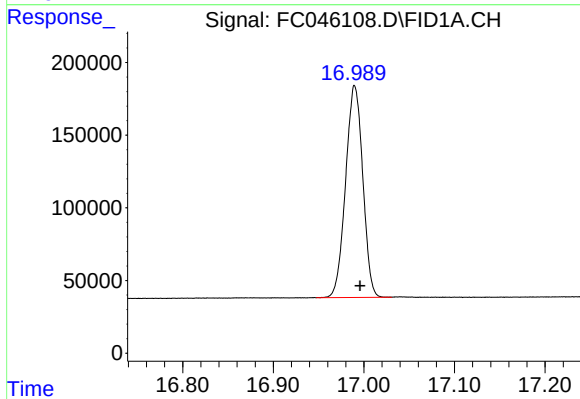
#14 n-Tetracosane (C24)

R.T.: 15.027 min
Delta R.T.: -0.005 min
Response: 2030415
Conc: 18.97 ug/ml



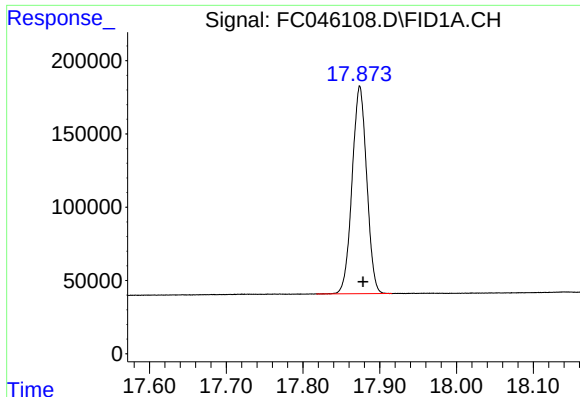
#15 n-Hexacosane (C26)

R.T.: 16.043 min
Delta R.T.: -0.005 min
Response: 1966519
Conc: 18.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.990 min
Delta R.T.: -0.006 min
Response: 1921397
Conc: 18.35 ug/ml



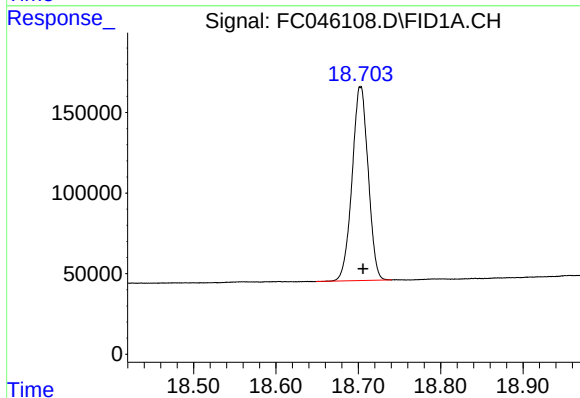
#17 n-Tricontane (C30)

R.T.: 17.874 min

Delta R.T.: -0.004 min

Response: 1874089

Conc: 18.60 ug/ml



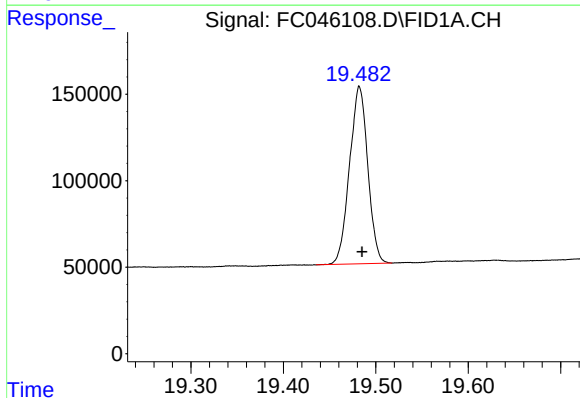
#18 n-Dotriacontane (C32)

R.T.: 18.703 min

Delta R.T.: -0.003 min

Response: 1629308

Conc: 19.04 ug/ml



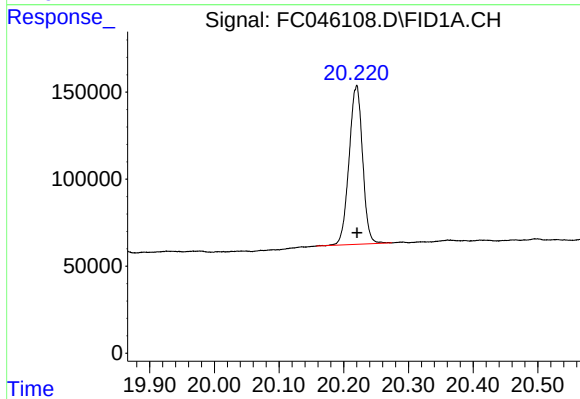
#19 n-Tetratriacontane (C34)

R.T.: 19.482 min

Delta R.T.: -0.003 min

Response: 1403688

Conc: 19.34 ug/ml



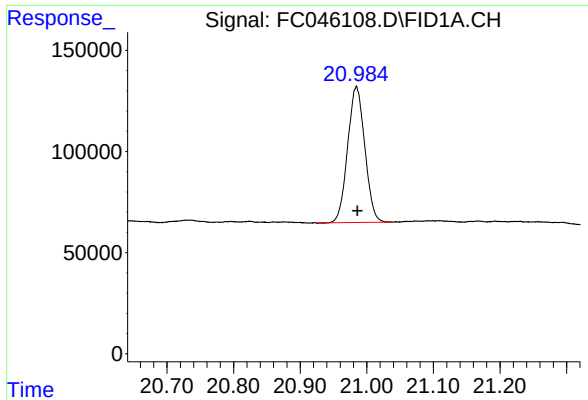
#20 n-Hexatriacontane (C36)

R.T.: 20.220 min

Delta R.T.: 0.000 min

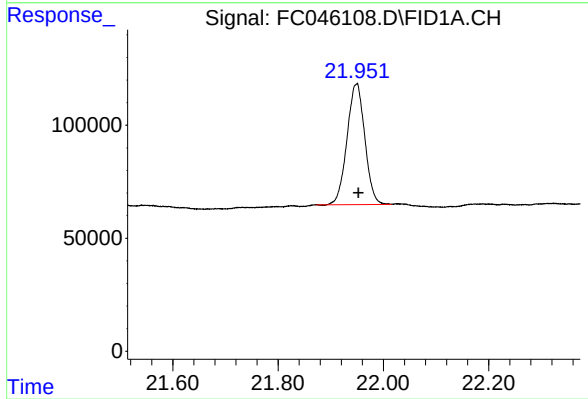
Response: 1321812

Conc: 19.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.984 min
Delta R.T.: -0.002 min
Response: 1202438
Conc: 19.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.003 min
Response: 1255243
Conc: 19.97 ug/ml