

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021320AL\
 Data File : FC045795.D
 Signal(s) : FID1A.CH
 Acq On : 13 Feb 2020 9:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 14 00:48:40 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)	11.764	2191034	19.931 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
12) S 1-chlorooctadecane (S...	13.185	1694208	19.486 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
Target Compounds			
1) T n-Nonane (C9)	3.523	2129452	22.016 ug/ml
2) T n-Decane (C10)	4.597	2189078	22.602 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2356804	22.066 ug/ml
4) T n-Dodecane (C12)	6.612	2204462	22.550 ug/ml
5) T A~2-methylnaphthalene...	7.253	2353663	21.957 ug/ml
6) T n-Tetradecane (C14)	8.400	2183800	22.161 ug/ml
7) T n-Hexadecane (C16)	9.995	2156899	21.544 ug/ml
8) T n-Octadecane (C18)	11.433	2119006	20.804 ug/ml
10) T n-Eicosane (C20)	12.739	2060672	20.094 ug/ml
11) T n-Heneicosane (C21)	13.348	2037513	19.685 ug/ml
13) T n-Docosane (C22)	13.933	1997735	19.362 ug/ml
14) T n-Tetracosane (C24)	15.032	1955709	18.821 ug/ml
15) T n-Hexacosane (C26)	16.049	1932010	18.700 ug/ml
16) T n-Octacosane (C28)	16.998	1952410	19.102 ug/ml
17) T n-Tricontane (C30)	17.883	1986093	20.231 ug/ml
18) T n-Dotriacontane (C32)	18.712	1758089	21.128 ug/ml
19) T n-Tetratriacontane (C34)	19.493	1492564	21.091 ug/ml
20) T n-Hexatriacontane (C36)	20.230	1360469	21.218 ug/ml
21) T n-Octatriacontane (C38)	20.999	1233263	21.085 ug/ml
22) T n-Tetracontane (C40)	21.966	1284232	21.770 ug/ml

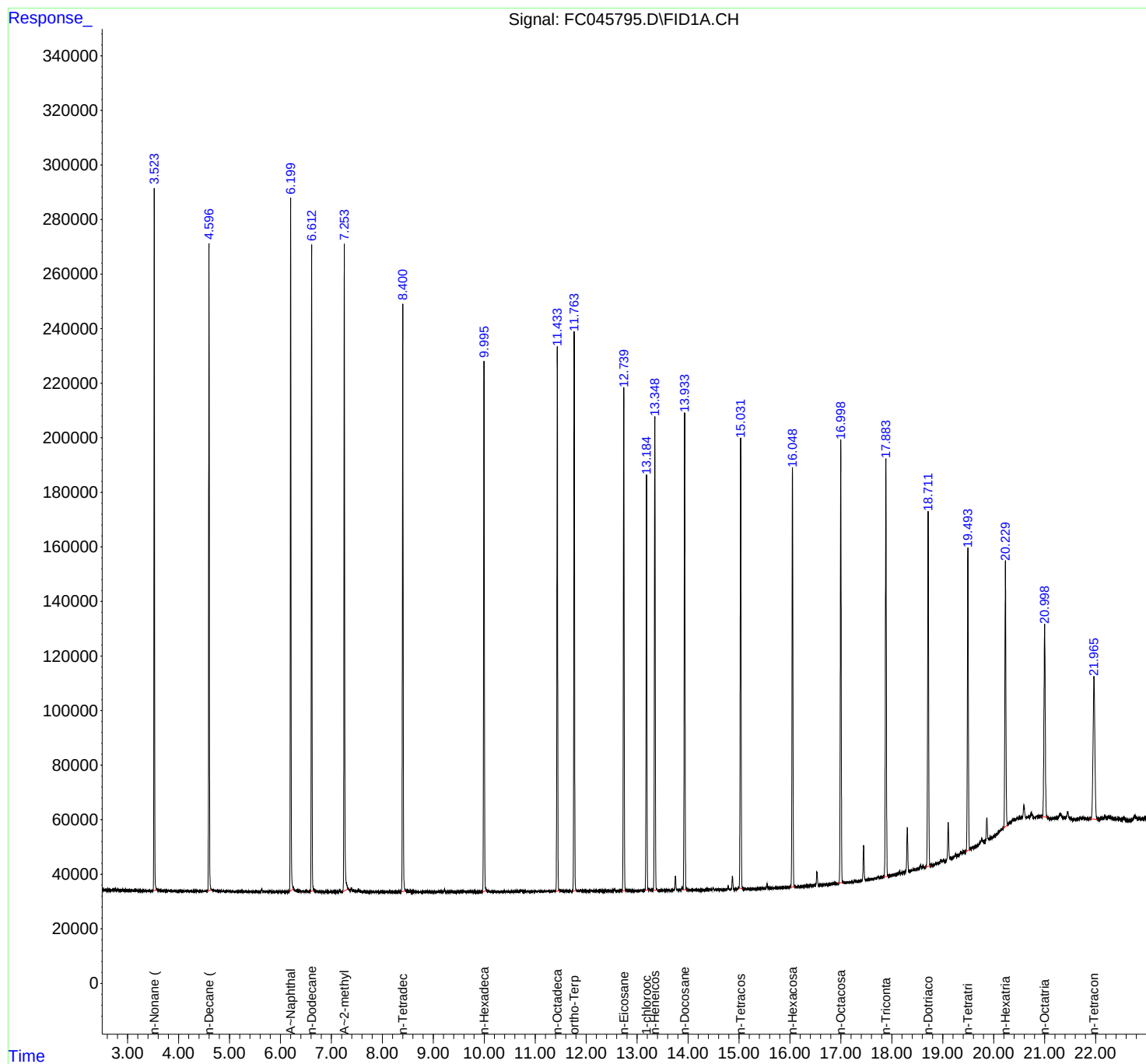
(f)=RT Delta > 1/2 Window

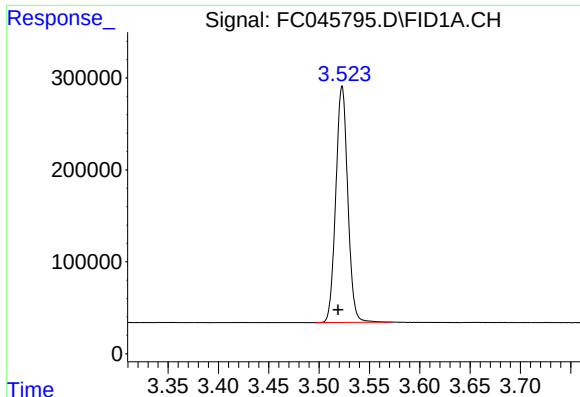
(m)=manual int.

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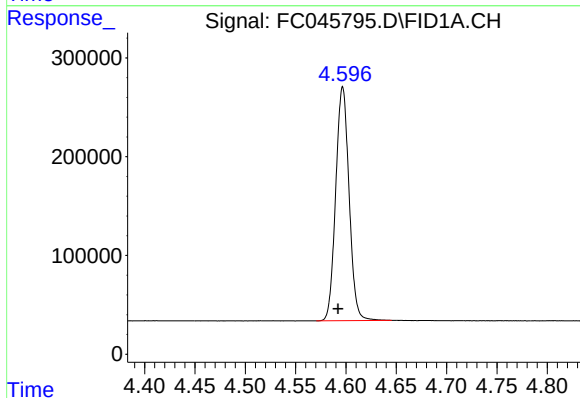
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Signal Info : 20M x 0.18mm x 0.18um





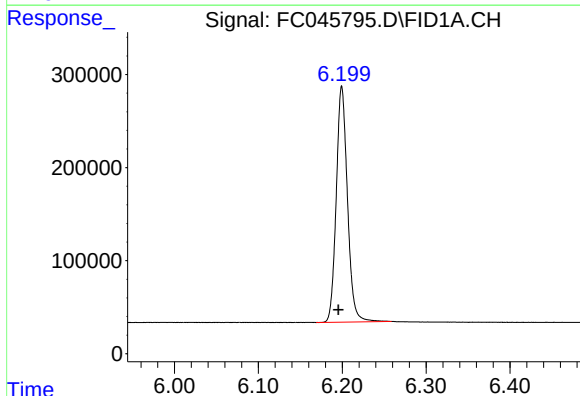
#1 n-Nonane (C9)

R.T.: 3.523 min
Delta R.T.: 0.004 min
Response: 2129452
Conc: 22.02 ug/ml



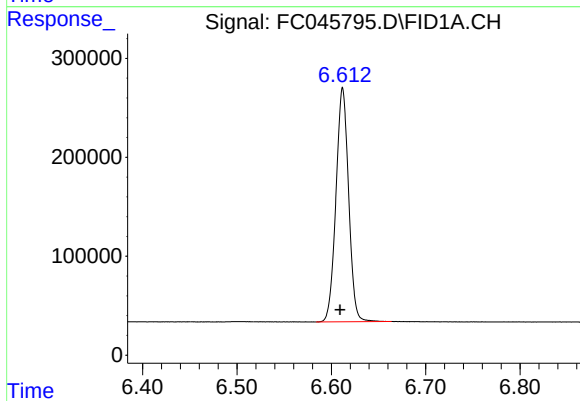
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: 0.004 min
Response: 2189078
Conc: 22.60 ug/ml



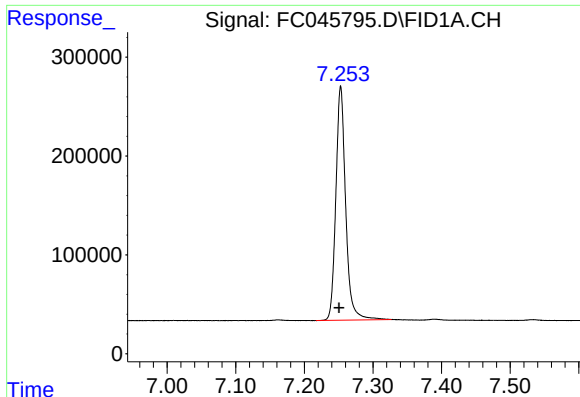
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: 0.004 min
Response: 2356804
Conc: 22.07 ug/ml



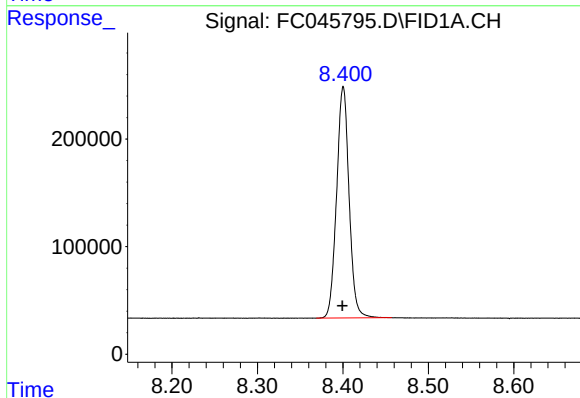
#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 2204462
Conc: 22.55 ug/ml



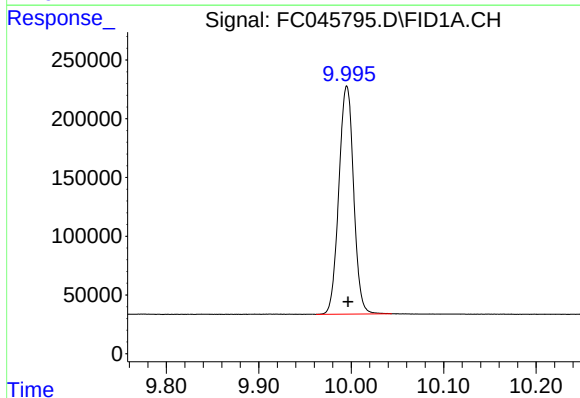
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: 0.002 min
Response: 2353663
Conc: 21.96 ug/ml



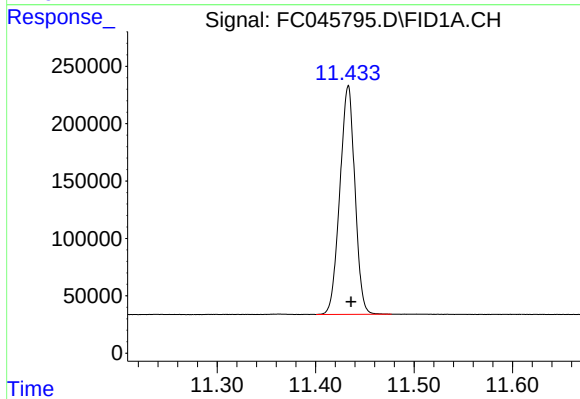
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.001 min
Response: 2183800
Conc: 22.16 ug/ml



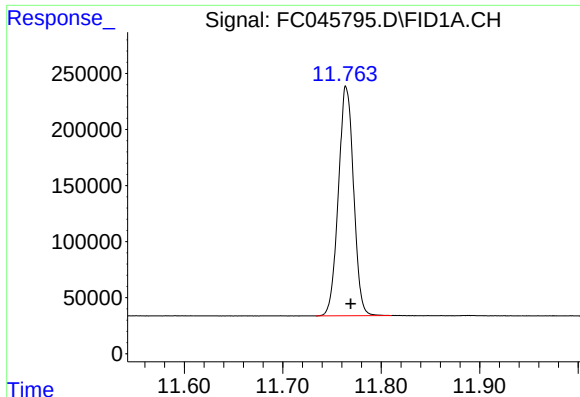
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.001 min
Response: 2156899
Conc: 21.54 ug/ml



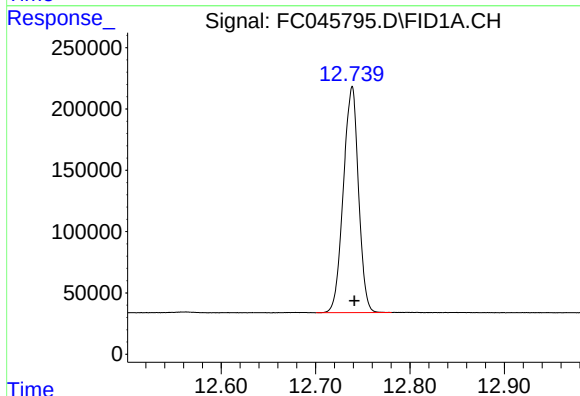
#8 n-Octadecane (C18)

R.T.: 11.433 min
Delta R.T.: -0.003 min
Response: 2119006
Conc: 20.80 ug/ml



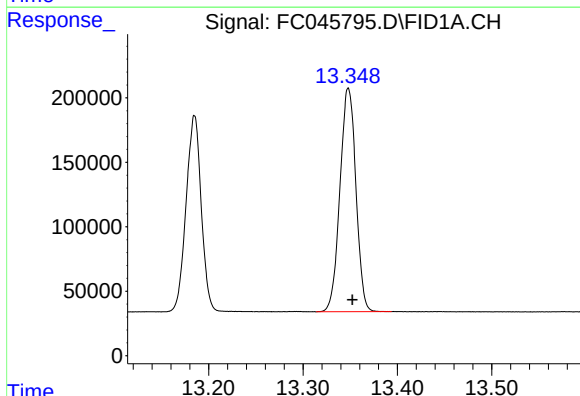
#9 ortho-Terphenyl (SURR)

R.T.: 11.764 min
Delta R.T.: -0.005 min
Response: 2191034
Conc: 19.93 ug/ml



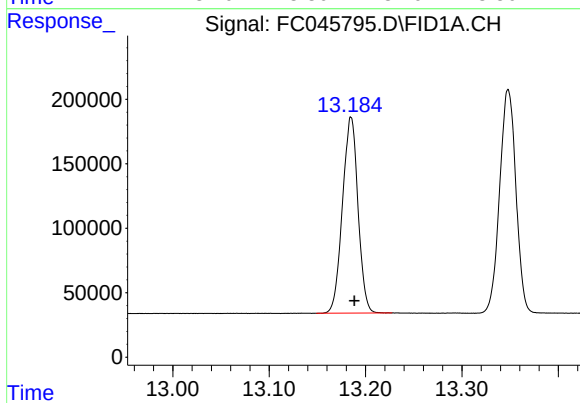
#10 n-Eicosane (C20)

R.T.: 12.739 min
Delta R.T.: -0.002 min
Response: 2060672
Conc: 20.09 ug/ml



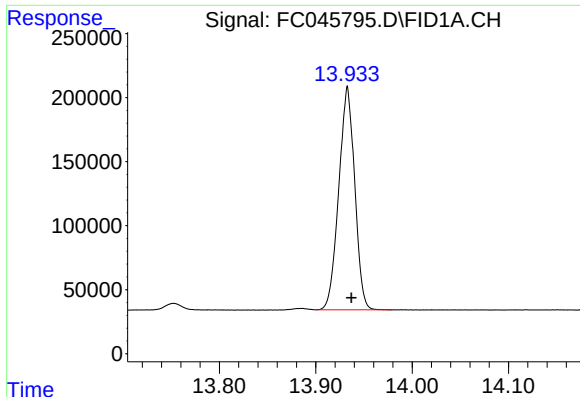
#11 n-Heneicosane (C21)

R.T.: 13.348 min
Delta R.T.: -0.004 min
Response: 2037513
Conc: 19.68 ug/ml



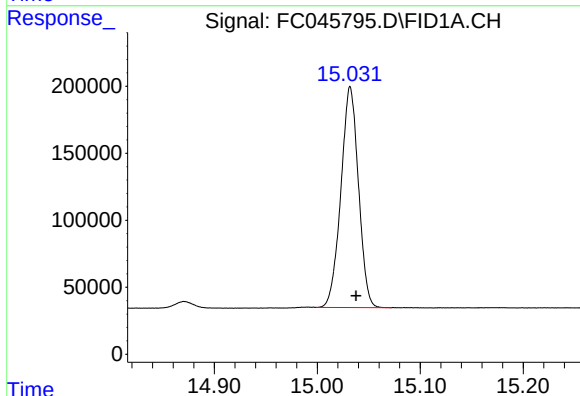
#12 1-chlorooctadecane (SURR)

R.T.: 13.185 min
Delta R.T.: -0.003 min
Response: 1694208
Conc: 19.49 ug/ml



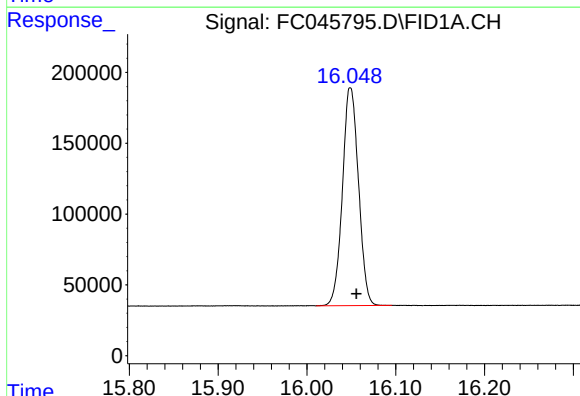
#13 n-Docosane (C22)

R.T.: 13.933 min
Delta R.T.: -0.004 min
Response: 1997735
Conc: 19.36 ug/ml



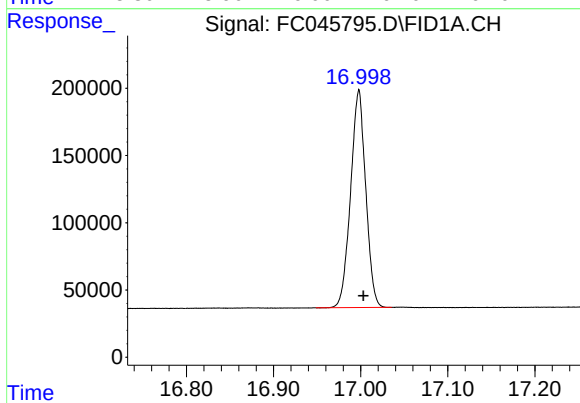
#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: -0.006 min
Response: 1955709
Conc: 18.82 ug/ml



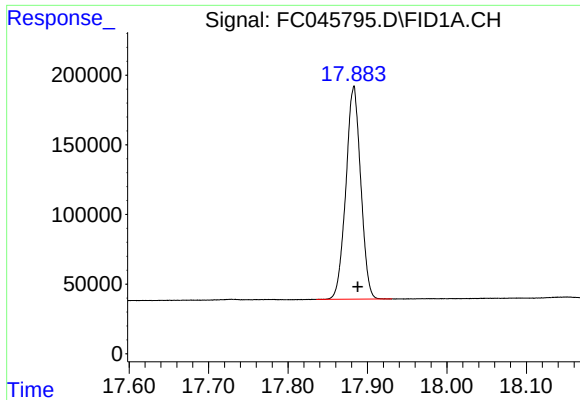
#15 n-Hexacosane (C26)

R.T.: 16.049 min
Delta R.T.: -0.007 min
Response: 1932010
Conc: 18.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.998 min
Delta R.T.: -0.005 min
Response: 1952410
Conc: 19.10 ug/ml



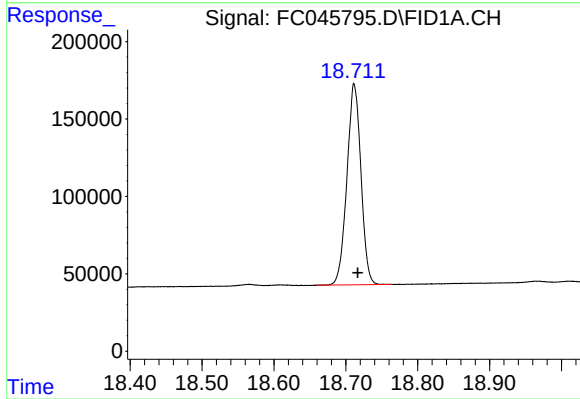
#17 n-Tricontane (C30)

R.T.: 17.883 min

Delta R.T.: -0.005 min

Response: 1986093

Conc: 20.23 ug/ml



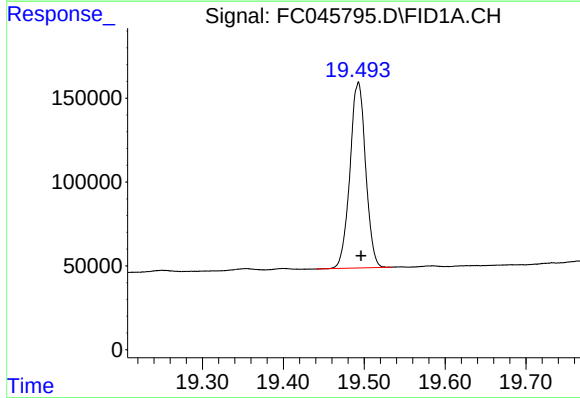
#18 n-Dotriacontane (C32)

R.T.: 18.712 min

Delta R.T.: -0.005 min

Response: 1758089

Conc: 21.13 ug/ml



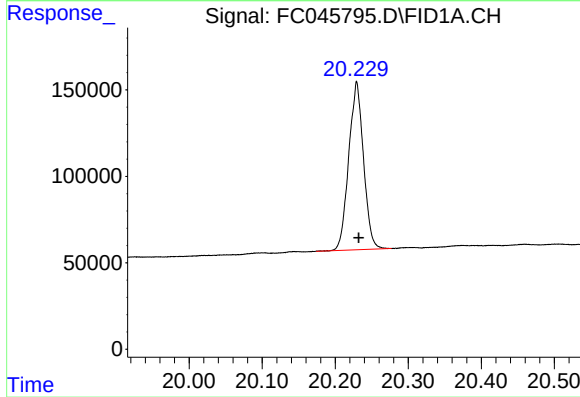
#19 n-Tetratriacontane (C34)

R.T.: 19.493 min

Delta R.T.: -0.003 min

Response: 1492564

Conc: 21.09 ug/ml



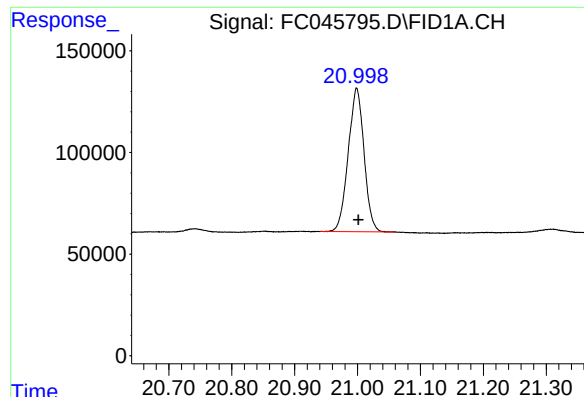
#20 n-Hexatriacontane (C36)

R.T.: 20.230 min

Delta R.T.: -0.003 min

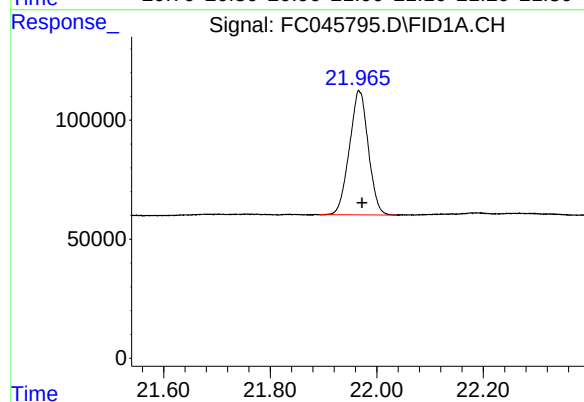
Response: 1360469

Conc: 21.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.999 min
Delta R.T.: -0.003 min
Response: 1233263
Conc: 21.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.006 min
Response: 1284232
Conc: 21.77 ug/ml