

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070620AL\
 Data File : FC048266.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jul 2020 22:34
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 07 01:06:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.715	2249114	18.749 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
12) S 1-chlorooctadecane (S...	13.126	1816429	18.547 ug/ml
Spiked Amount 50.000		Recovery =	37.09%
Target Compounds			
1) T n-Nonane (C9)	3.532	2076161	20.747 ug/ml
2) T n-Decane (C10)	4.593	2102016	20.921 ug/ml
3) T A~Naphthalene (C11.7)	6.194	2032172	20.141 ug/ml
4) T n-Dodecane (C12)	6.591	2202698	21.041 ug/ml
5) T A~2-methylnaphthalene...	7.241	2035236	19.663 ug/ml
6) T n-Tetradecane (C14)	8.367	2191022	20.876 ug/ml
7) T n-Hexadecane (C16)	9.953	2150460	20.583 ug/ml
8) T n-Octadecane (C18)	11.384	2203292	19.821 ug/ml
10) T n-Eicosane (C20)	12.681	2172018	19.086 ug/ml
11) T n-Heneicosane (C21)	13.288	2137312	18.677 ug/ml
13) T n-Docosane (C22)	13.869	2091409	18.232 ug/ml
14) T n-Tetracosane (C24)	14.965	2008122	17.475 ug/ml
15) T n-Hexacosane (C26)	15.980	1917409	16.786 ug/ml
16) T n-Octacosane (C28)	16.923	1875949	16.505 ug/ml
17) T n-Tricontane (C30)	17.803	1825103	16.653 ug/ml
18) T n-Dotriacontane (C32)	18.633	1706089	17.210 ug/ml
19) T n-Tetratriacontane (C34)	19.411	1629732	17.795 ug/mlm
20) T n-Hexatriacontane (C36)	20.144	1623392	18.930 ug/mlm
21) T n-Octatriacontane (C38)	20.893	1693436	21.265 ug/ml
22) T n-Tetracontane (C40)	21.824	1672751	21.156 ug/ml

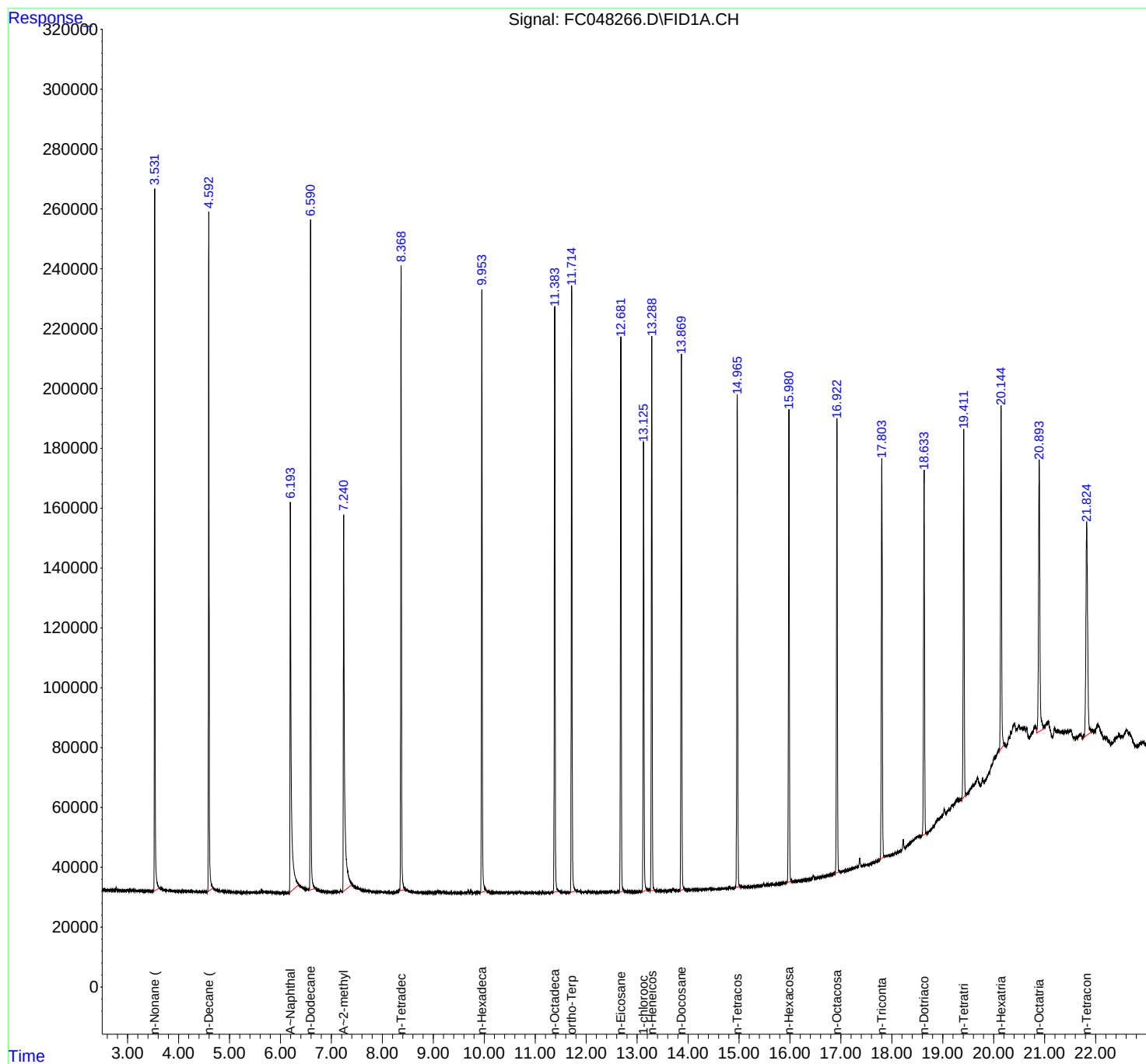
(f)=RT Delta > 1/2 Window

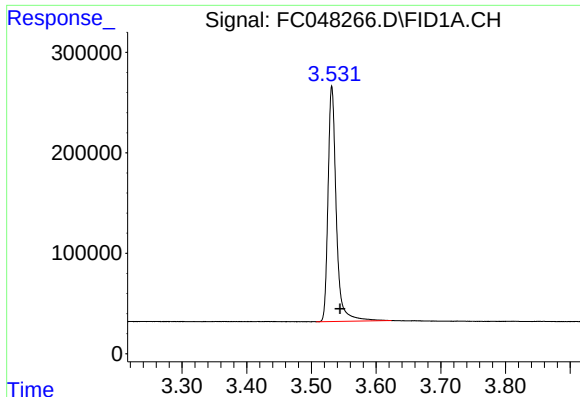
(m)=manual int.

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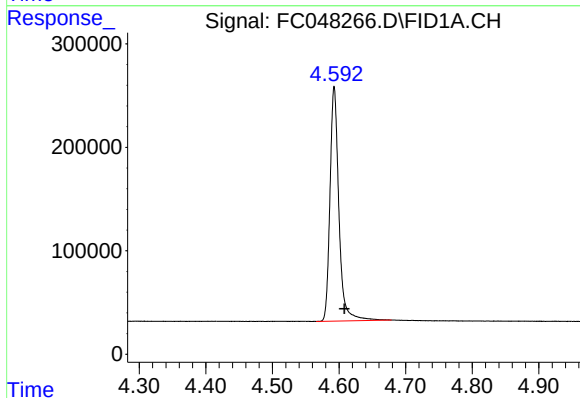
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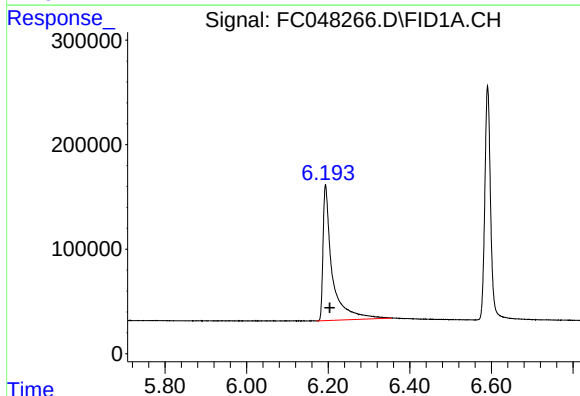
#1 n-Nonane (C9)

R.T.: 3.532 min
Delta R.T.: -0.012 min
Response: 2076161
Conc: 20.75 ug/ml



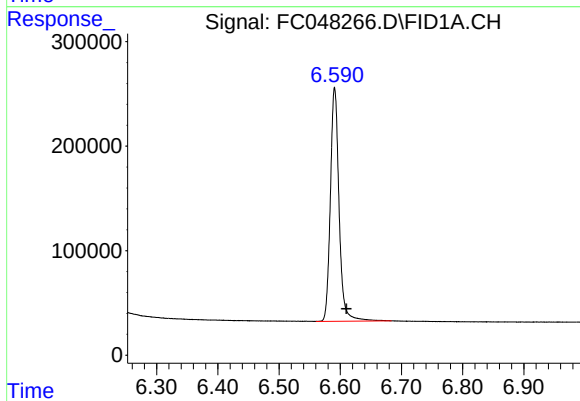
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.015 min
Response: 2102016
Conc: 20.92 ug/ml



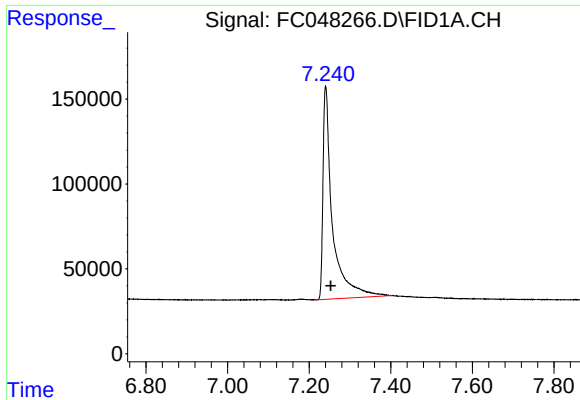
#3 A~Naphthalene (C11.7)

R.T.: 6.194 min
Delta R.T.: -0.011 min
Response: 2032172
Conc: 20.14 ug/ml



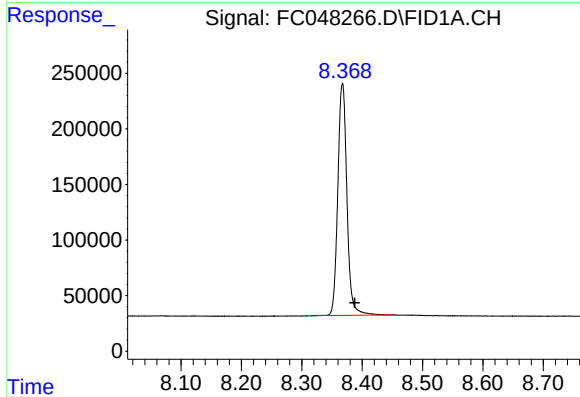
#4 n-Dodecane (C12)

R.T.: 6.591 min
Delta R.T.: -0.019 min
Response: 2202698
Conc: 21.04 ug/ml



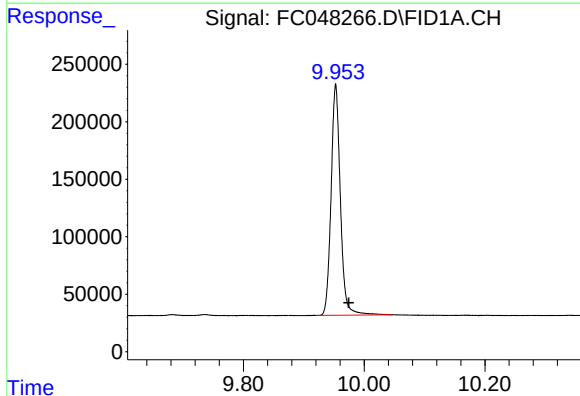
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.241 min
Delta R.T.: -0.012 min
Response: 2035236
Conc: 19.66 ug/ml



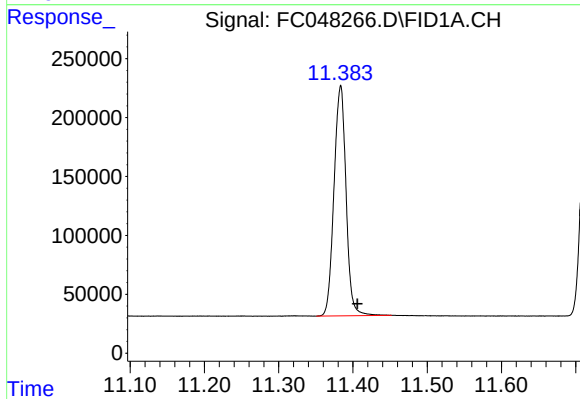
#6 n-Tetradecane (C14)

R.T.: 8.367 min
Delta R.T.: -0.020 min
Response: 2191022
Conc: 20.88 ug/ml



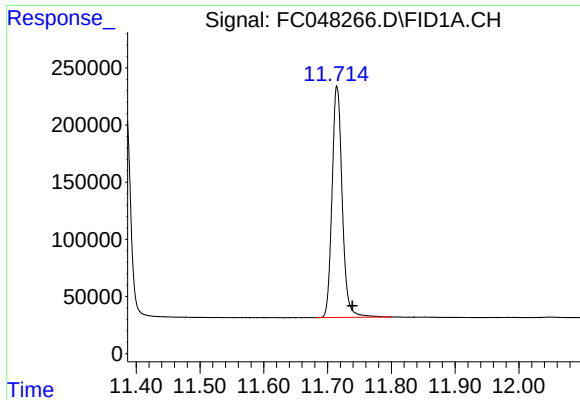
#7 n-Hexadecane (C16)

R.T.: 9.953 min
Delta R.T.: -0.021 min
Response: 2150460
Conc: 20.58 ug/ml



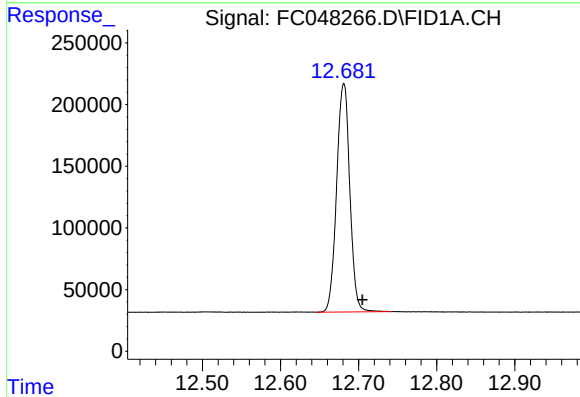
#8 n-Octadecane (C18)

R.T.: 11.384 min
Delta R.T.: -0.022 min
Response: 2203292
Conc: 19.82 ug/ml



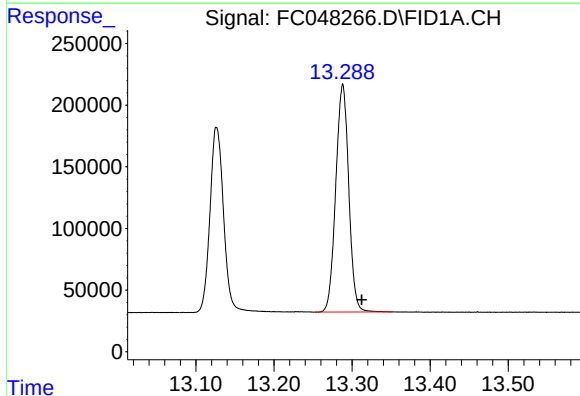
#9 ortho-Terphenyl (SURR)

R.T.: 11.715 min
Delta R.T.: -0.024 min
Response: 2249114
Conc: 18.75 ug/ml



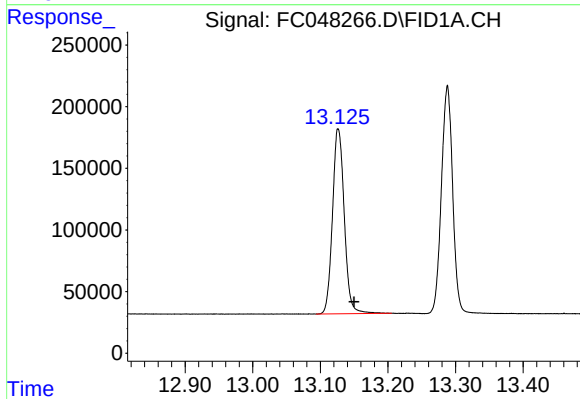
#10 n-Eicosane (C20)

R.T.: 12.681 min
Delta R.T.: -0.024 min
Response: 2172018
Conc: 19.09 ug/ml



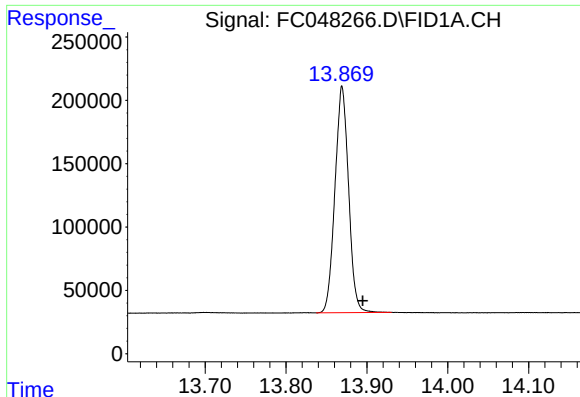
#11 n-Heneicosane (C21)

R.T.: 13.288 min
Delta R.T.: -0.025 min
Response: 2137312
Conc: 18.68 ug/ml



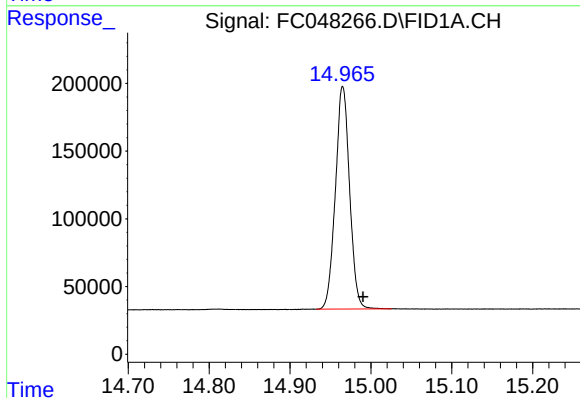
#12 1-chlorooctadecane (SURR)

R.T.: 13.126 min
Delta R.T.: -0.024 min
Response: 1816429
Conc: 18.55 ug/ml



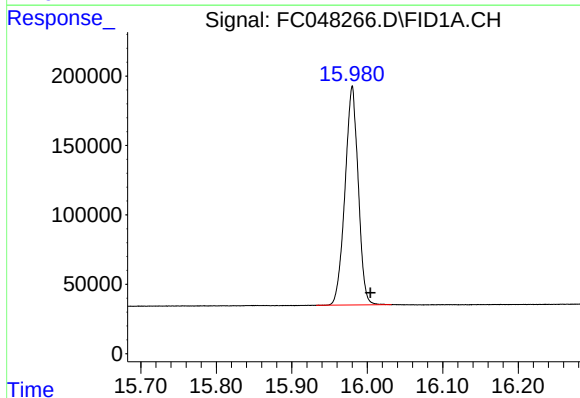
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.026 min
Response: 2091409
Conc: 18.23 ug/ml



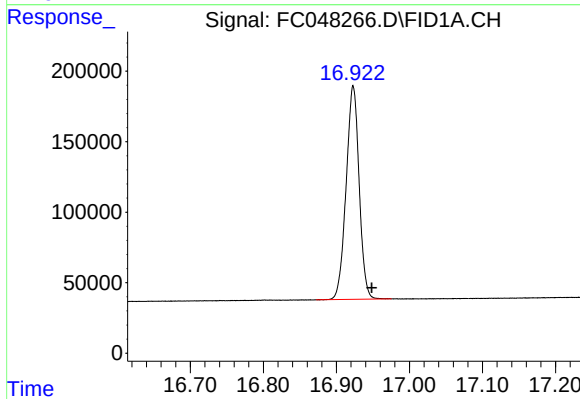
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.025 min
Response: 2008122
Conc: 17.47 ug/ml



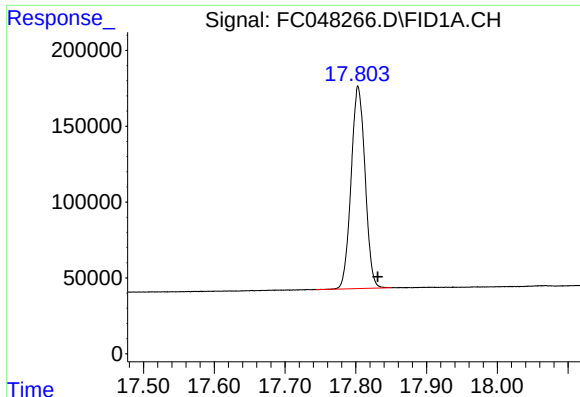
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: -0.024 min
Response: 1917409
Conc: 16.79 ug/ml



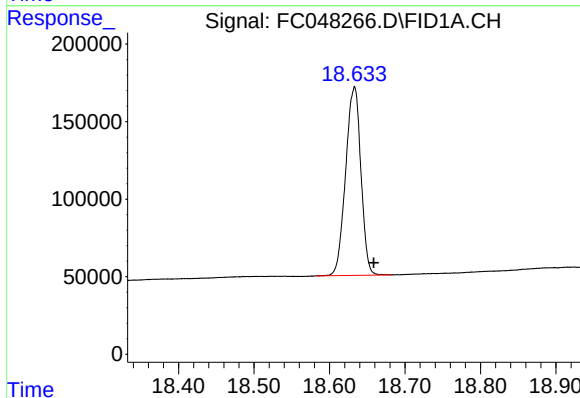
#16 n-Octacosane (C28)

R.T.: 16.923 min
Delta R.T.: -0.025 min
Response: 1875949
Conc: 16.51 ug/ml



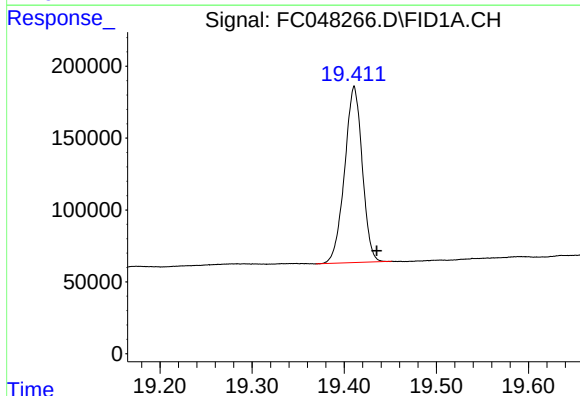
#17 n-Tricontane (C30)

R.T.: 17.803 min
Delta R.T.: -0.028 min
Response: 1825103
Conc: 16.65 ug/ml



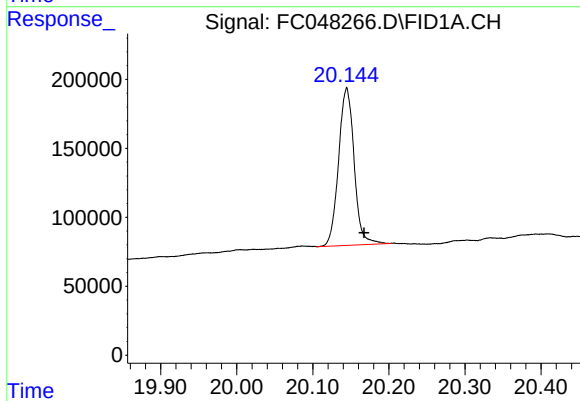
#18 n-Dotriacontane (C32)

R.T.: 18.633 min
Delta R.T.: -0.025 min
Response: 1706089
Conc: 17.21 ug/ml



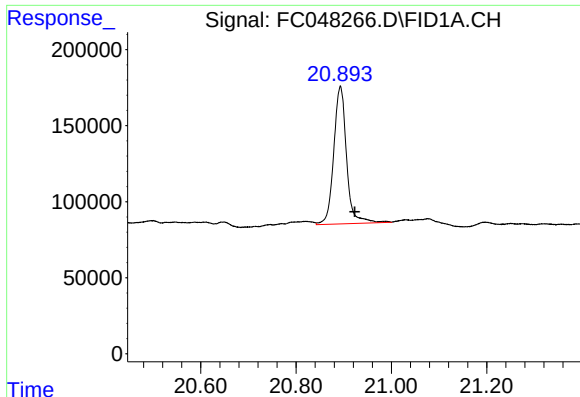
#19 n-Tetratriacontane (C34)

R.T.: 19.411 min
Delta R.T.: -0.025 min
Response: 1629732
Conc: 17.79 ug/ml m



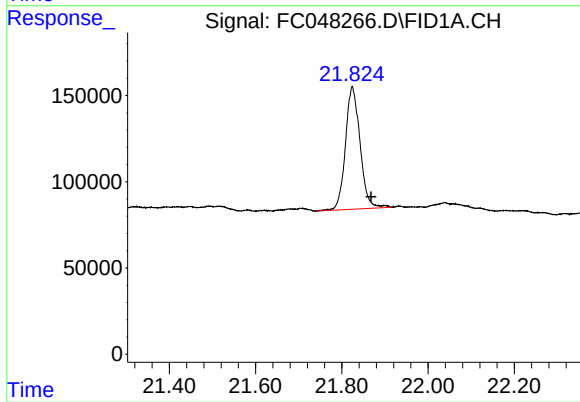
#20 n-Hexatriacontane (C36)

R.T.: 20.144 min
Delta R.T.: -0.023 min
Response: 1623392
Conc: 18.93 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.893 min
Delta R.T.: -0.030 min
Response: 1693436
Conc: 21.26 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.824 min
Delta R.T.: -0.044 min
Response: 1672751
Conc: 21.16 ug/ml