

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062920AL\
 Data File : FC048143.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jun 2020 15:29
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 30 00:51:38 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)	11.720	2384918	19.882 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
12) S 1-chlorooctadecane (S...	13.133	1923028	19.636 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
Target Compounds			
1) T n-Nonane (C9)	3.535	2195688	21.941 ug/ml
2) T n-Decane (C10)	4.596	2250765	22.401 ug/ml
3) T A~Naphthalene (C11.7)	6.196	2171720	21.524 ug/ml
4) T n-Dodecane (C12)	6.595	2350298	22.451 ug/ml
5) T A~2-methylnaphthalene...	7.243	2206233	21.315 ug/ml
6) T n-Tetradecane (C14)	8.372	2336951	22.266 ug/ml
7) T n-Hexadecane (C16)	9.958	2287885	21.898 ug/ml
8) T n-Octadecane (C18)	11.388	2345116	21.097 ug/ml
10) T n-Eicosane (C20)	12.686	2305230	20.256 ug/ml
11) T n-Heneicosane (C21)	13.294	2270253	19.839 ug/ml
13) T n-Docosane (C22)	13.876	2222287	19.373 ug/ml
14) T n-Tetracosane (C24)	14.971	2134987	18.579 ug/ml
15) T n-Hexacosane (C26)	15.986	2049443	17.942 ug/ml
16) T n-Octacosane (C28)	16.929	2011519	17.698 ug/ml
17) T n-Tricontane (C30)	17.811	1964873	17.928 ug/ml
18) T n-Dotriacontane (C32)	18.638	1820748	18.367 ug/ml
19) T n-Tetratriacontane (C34)	19.416	1747369	19.079 ug/ml
20) T n-Hexatriacontane (C36)	20.151	1684865	19.647 ug/ml
21) T n-Octatriacontane (C38)	20.901	1633685	20.515 ug/ml
22) T n-Tetracontane (C40)	21.840	1682958	21.285 ug/ml

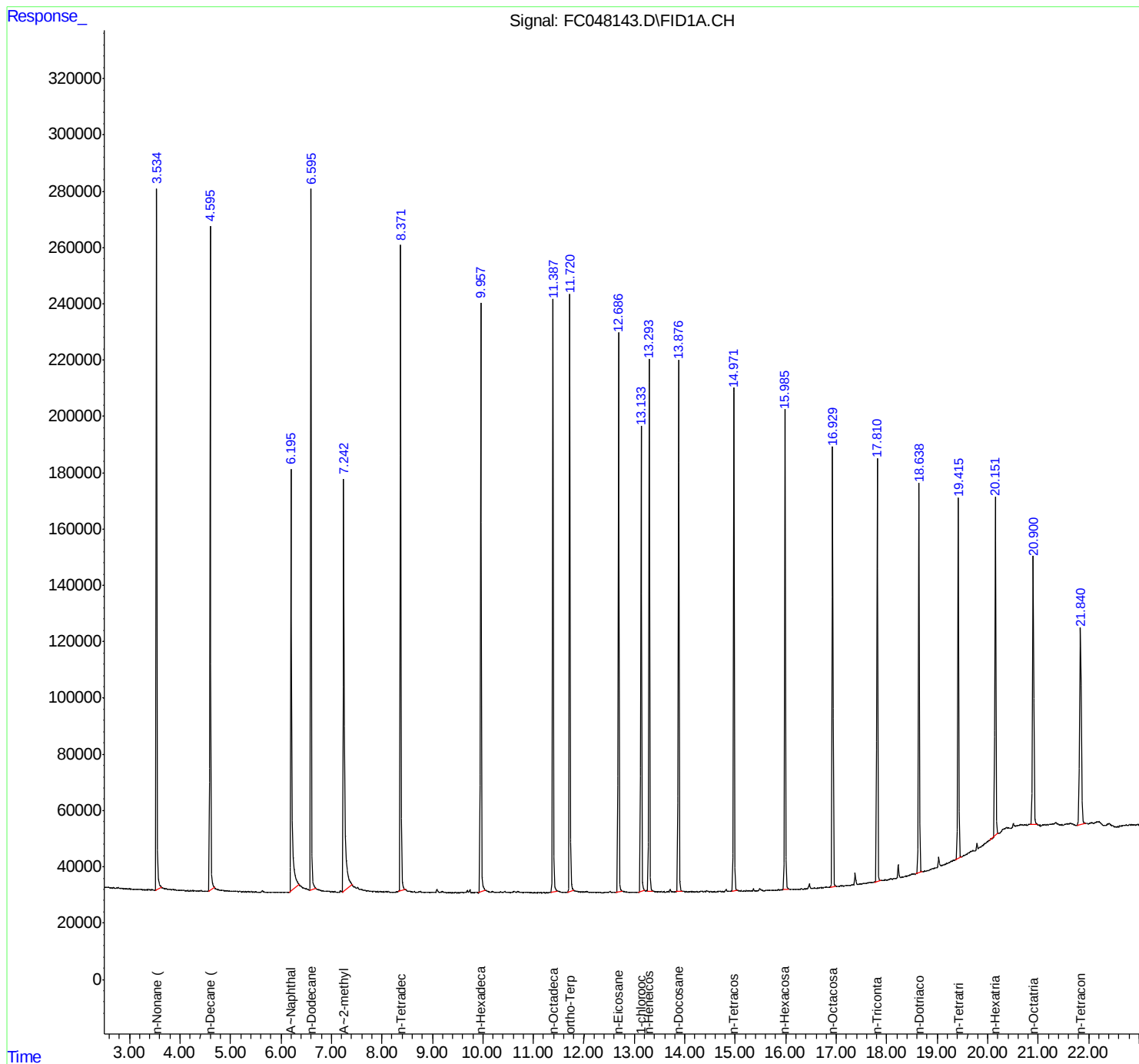
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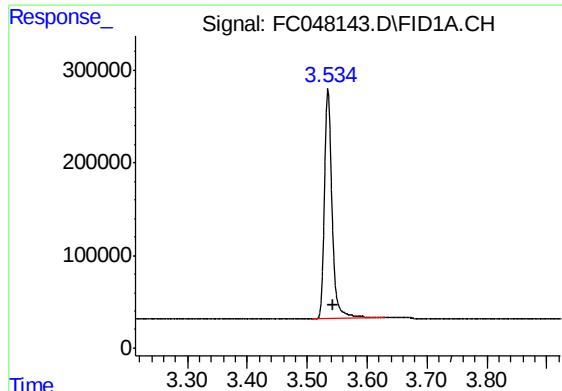
(m)=manual int.

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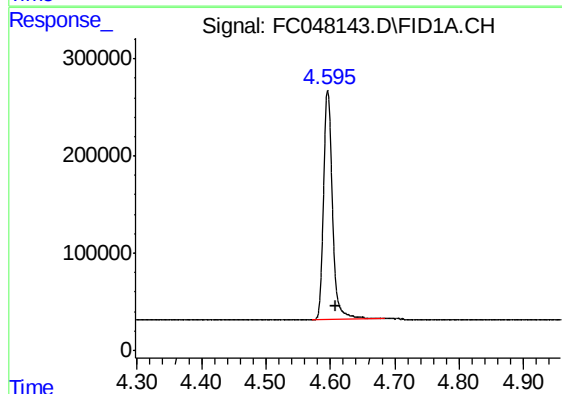
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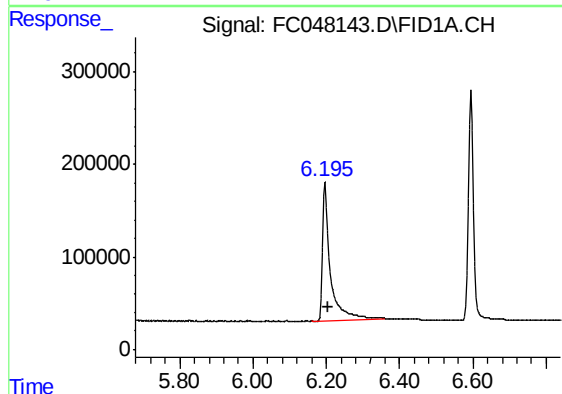
#1 n-Nonane (C9)

R.T.: 3.535 min
Delta R.T.: -0.009 min
Response: 2195688
Conc: 21.94 ug/ml



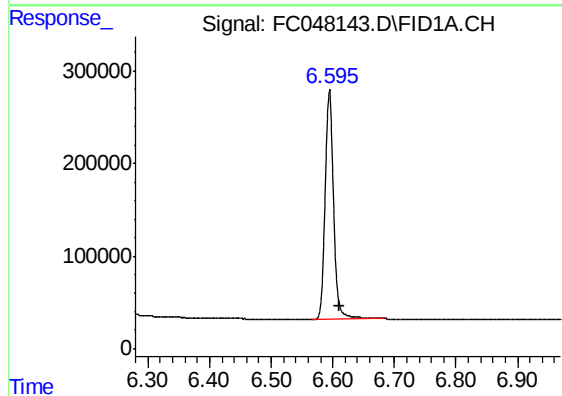
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.012 min
Response: 2250765
Conc: 22.40 ug/ml



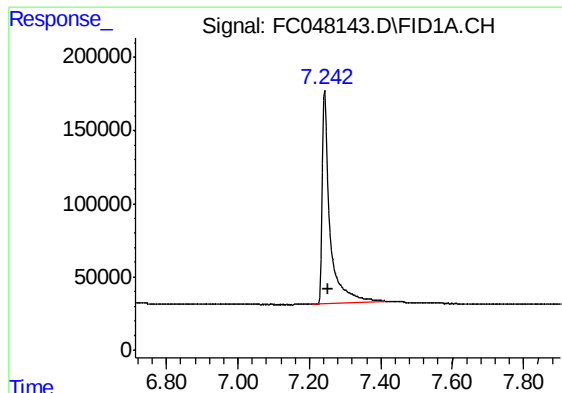
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: -0.008 min
Response: 2171720
Conc: 21.52 ug/ml



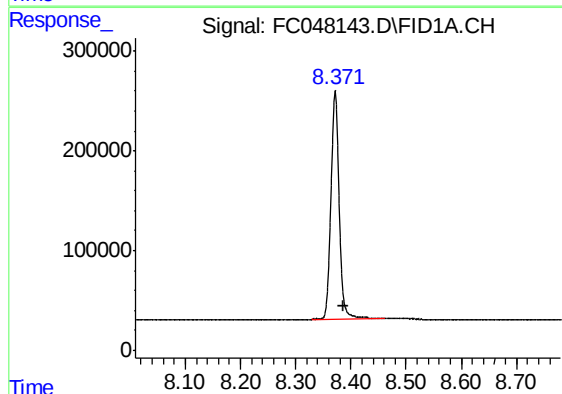
#4 n-Dodecane (C12)

R.T.: 6.595 min
Delta R.T.: -0.015 min
Response: 2350298
Conc: 22.45 ug/ml



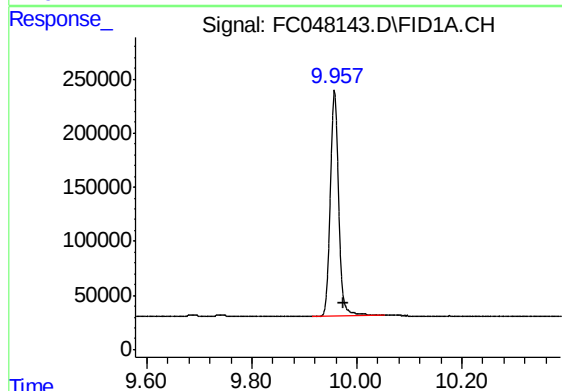
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.243 min
Delta R.T.: -0.010 min
Response: 2206233
Conc: 21.31 ug/ml



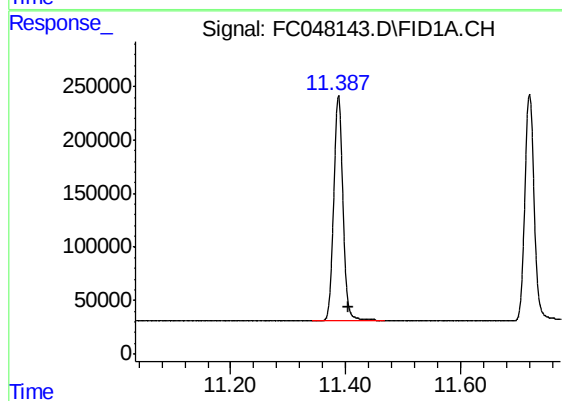
#6 n-Tetradecane (C14)

R.T.: 8.372 min
Delta R.T.: -0.016 min
Response: 2336951
Conc: 22.27 ug/ml



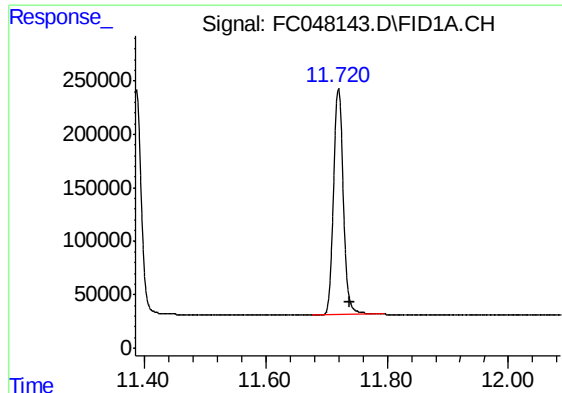
#7 n-Hexadecane (C16)

R.T.: 9.958 min
Delta R.T.: -0.017 min
Response: 2287885
Conc: 21.90 ug/ml



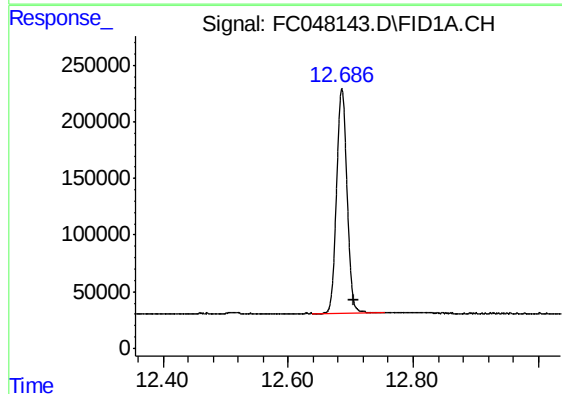
#8 n-Octadecane (C18)

R.T.: 11.388 min
Delta R.T.: -0.018 min
Response: 2345116
Conc: 21.10 ug/ml



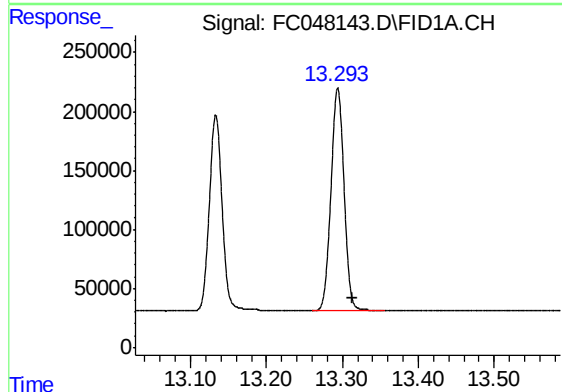
#9 ortho-Terphenyl (SURR)

R.T.: 11.720 min
Delta R.T.: -0.019 min
Response: 2384918
Conc: 19.88 ug/ml



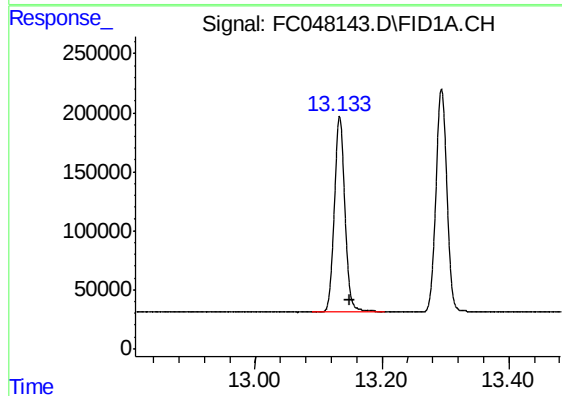
#10 n-Eicosane (C20)

R.T.: 12.686 min
Delta R.T.: -0.019 min
Response: 2305230
Conc: 20.26 ug/ml



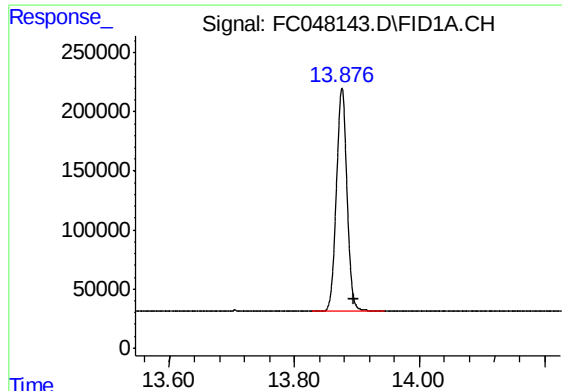
#11 n-Heneicosane (C21)

R.T.: 13.294 min
Delta R.T.: -0.019 min
Response: 2270253
Conc: 19.84 ug/ml



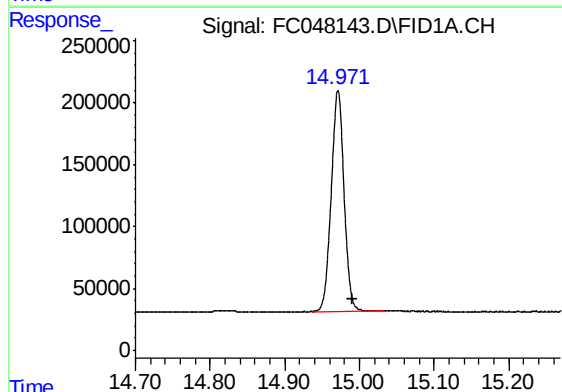
#12 1-chlorooctadecane (SURR)

R.T.: 13.133 min
Delta R.T.: -0.017 min
Response: 1923028
Conc: 19.64 ug/ml



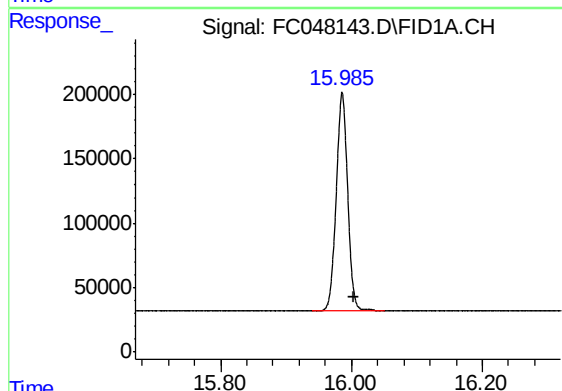
#13 n-Docosane (C22)

R.T.: 13.876 min
Delta R.T.: -0.019 min
Response: 2222287
Conc: 19.37 ug/ml



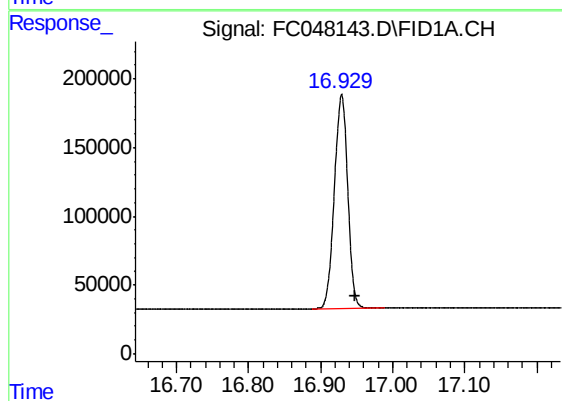
#14 n-Tetracosane (C24)

R.T.: 14.971 min
Delta R.T.: -0.019 min
Response: 2134987
Conc: 18.58 ug/ml



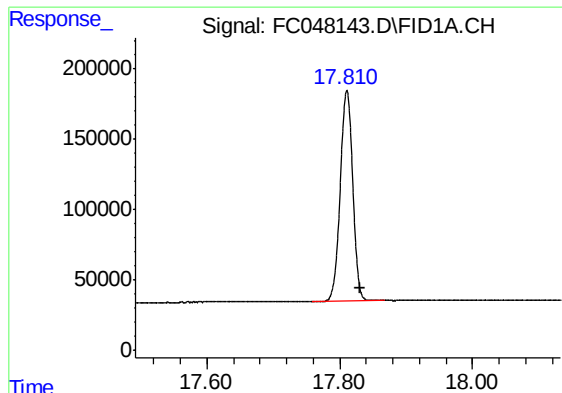
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: -0.018 min
Response: 2049443
Conc: 17.94 ug/ml



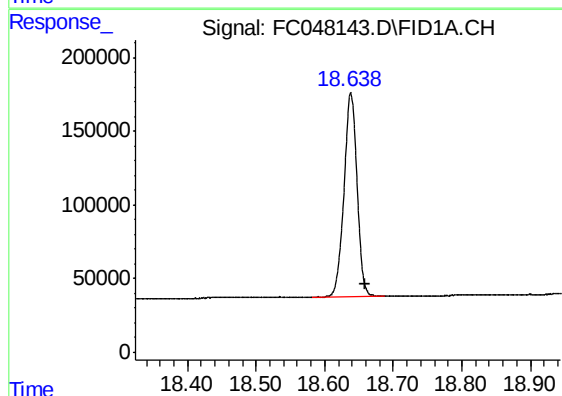
#16 n-Octacosane (C28)

R.T.: 16.929 min
Delta R.T.: -0.019 min
Response: 2011519
Conc: 17.70 ug/ml



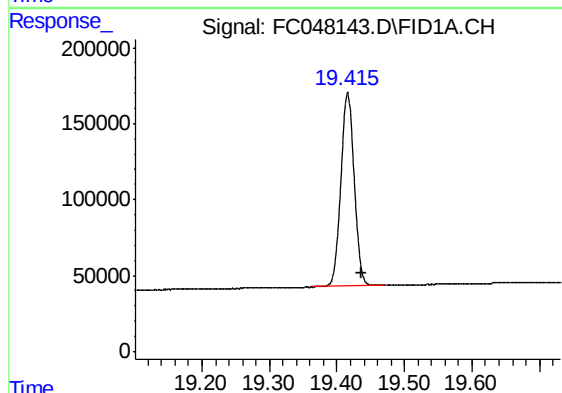
#17 n-Tricontane (C30)

R.T.: 17.811 min
Delta R.T.: -0.020 min
Response: 1964873
Conc: 17.93 ug/ml



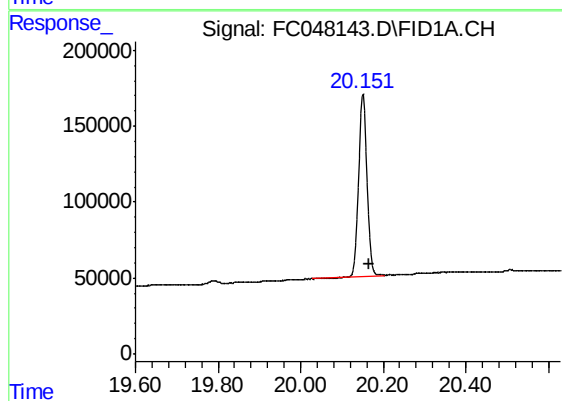
#18 n-Dotriacontane (C32)

R.T.: 18.638 min
Delta R.T.: -0.020 min
Response: 1820748
Conc: 18.37 ug/ml



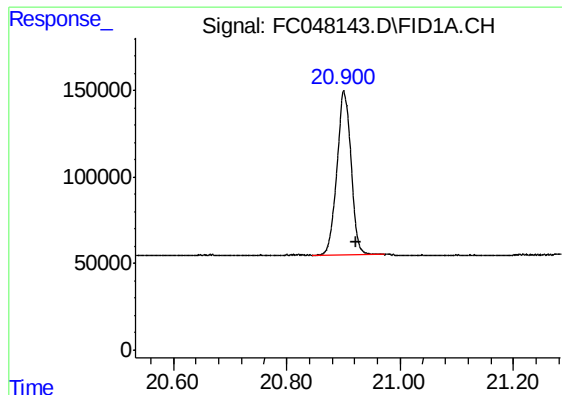
#19 n-Tetatriacontane (C34)

R.T.: 19.416 min
Delta R.T.: -0.019 min
Response: 1747369
Conc: 19.08 ug/ml



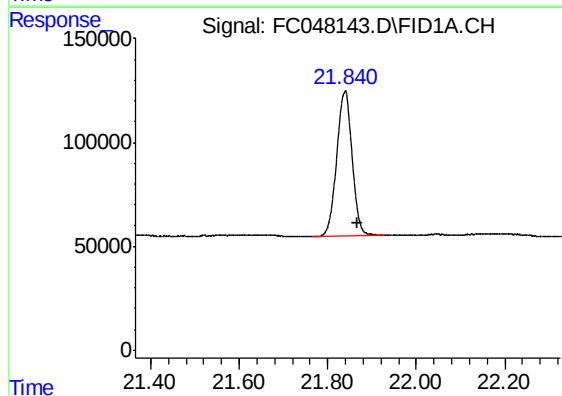
#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: -0.016 min
Response: 1684865
Conc: 19.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.901 min
Delta R.T.: -0.022 min
Response: 1633685
Conc: 20.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.840 min
Delta R.T.: -0.028 min
Response: 1682958
Conc: 21.29 ug/ml