

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012120AL\
 Data File : FC045425.D
 Signal(s) : FID1A.CH
 Acq On : 22 Jan 2020 6:19
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 22 06:56:31 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)	11.757	2308072	20.996 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
12) S 1-chlorooctadecane (S...	13.178	1823869	20.977 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
Target Compounds			
1) T n-Nonane (C9)	3.515	2028405	20.971 ug/ml
2) T n-Decane (C10)	4.587	2034666	21.008 ug/ml
3) T A~Naphthalene (C11.7)	6.187	2240946	20.982 ug/ml
4) T n-Dodecane (C12)	6.602	2054241	21.013 ug/ml
5) T A~2-methylnaphthalene...	7.242	2249229	20.983 ug/ml
6) T n-Tetradecane (C14)	8.392	2074660	21.053 ug/ml
7) T n-Hexadecane (C16)	9.988	2110930	21.085 ug/ml
8) T n-Octadecane (C18)	11.426	2141425	21.025 ug/ml
10) T n-Eicosane (C20)	12.731	2147623	20.941 ug/ml
11) T n-Heneicosane (C21)	13.341	2165330	20.919 ug/ml
13) T n-Docosane (C22)	13.927	2150983	20.847 ug/ml
14) T n-Tetracosane (C24)	15.026	2161111	20.797 ug/ml
15) T n-Hexacosane (C26)	16.045	2144899	20.761 ug/ml
16) T n-Octacosane (C28)	16.991	2119249	20.734 ug/ml
17) T n-Tricontane (C30)	17.875	2037008	20.750 ug/ml
18) T n-Dotriacontane (C32)	18.705	1721703	20.691 ug/ml
19) T n-Tetratriacontane (C34)	19.485	1461113	20.647 ug/ml
20) T n-Hexatriacontane (C36)	20.224	1327059	20.697 ug/ml
21) T n-Octatriacontane (C38)	20.991	1202534	20.560 ug/ml
22) T n-Tetracontane (C40)	21.957	1211738	20.541 ug/ml

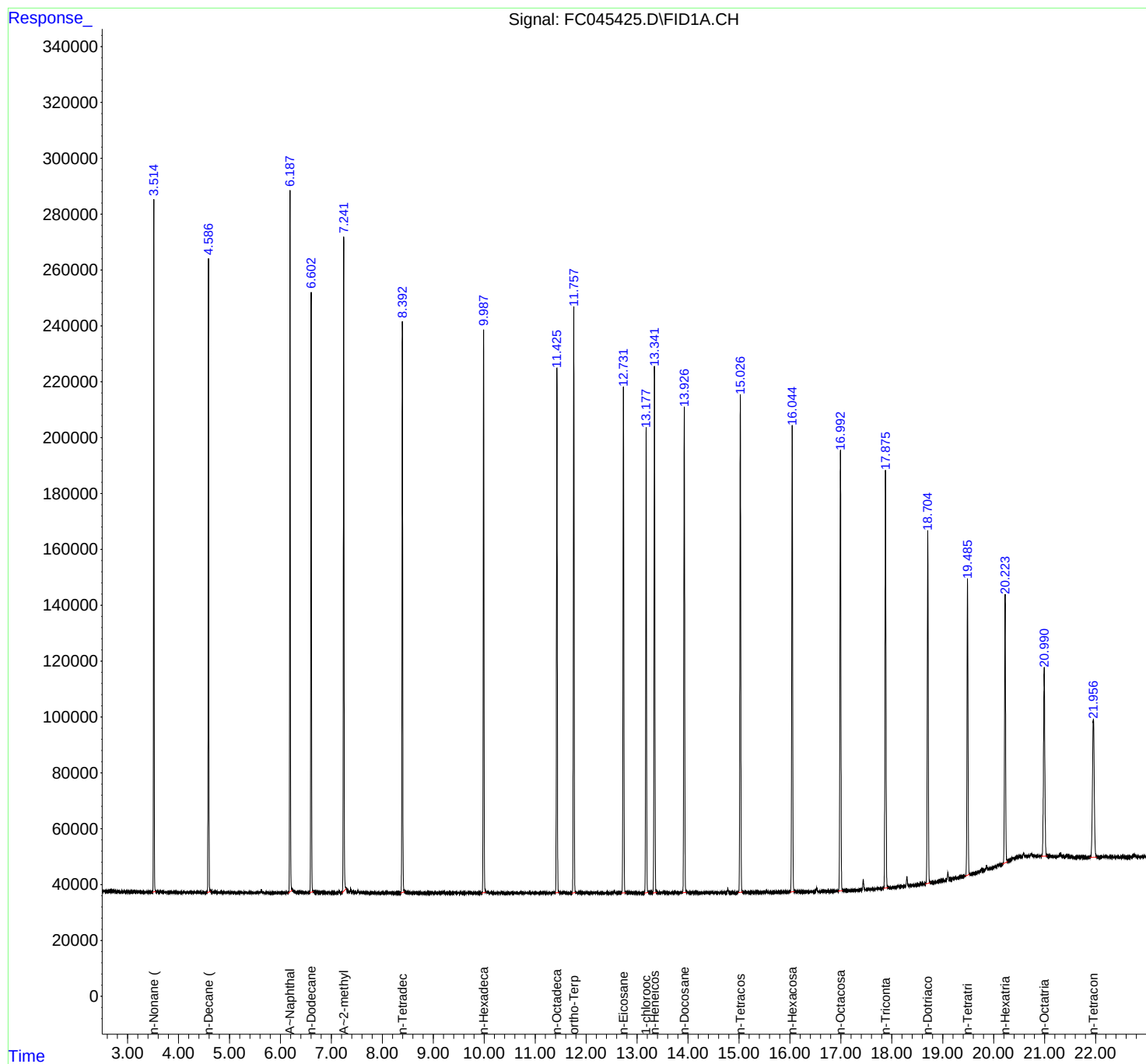
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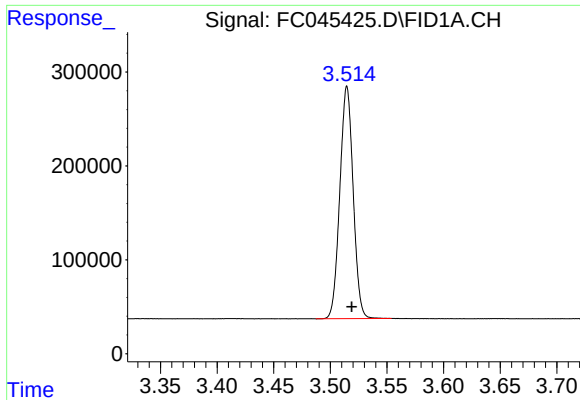
(m)=manual int.

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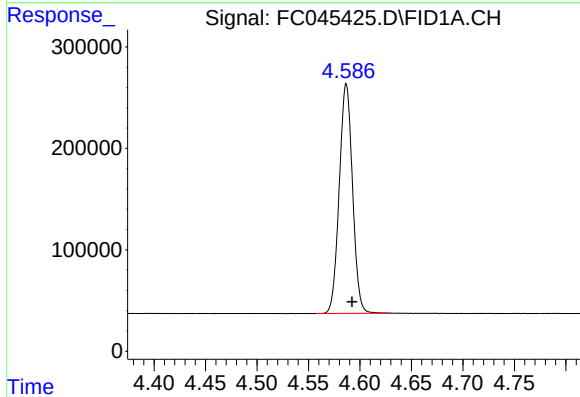
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





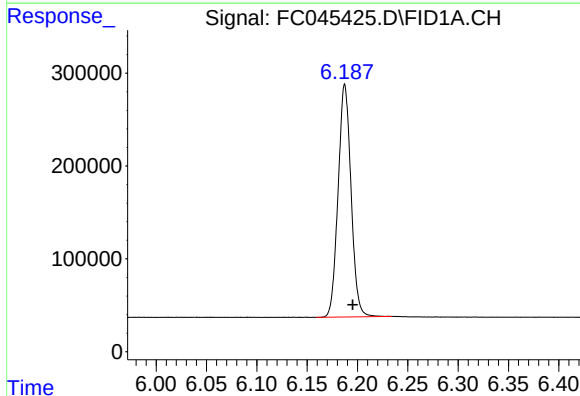
#1 n-Nonane (C9)

R.T.: 3.515 min
Delta R.T.: -0.004 min
Response: 2028405
Conc: 20.97 ug/ml



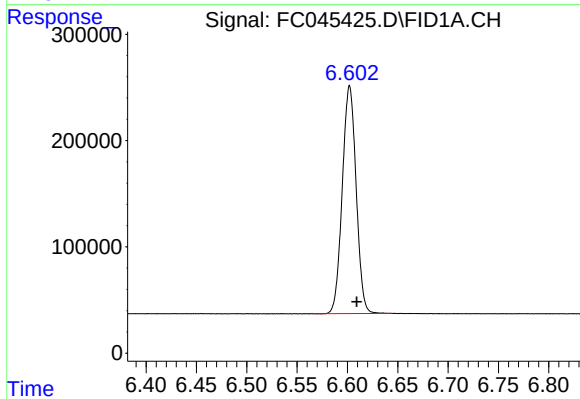
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.006 min
Response: 2034666
Conc: 21.01 ug/ml



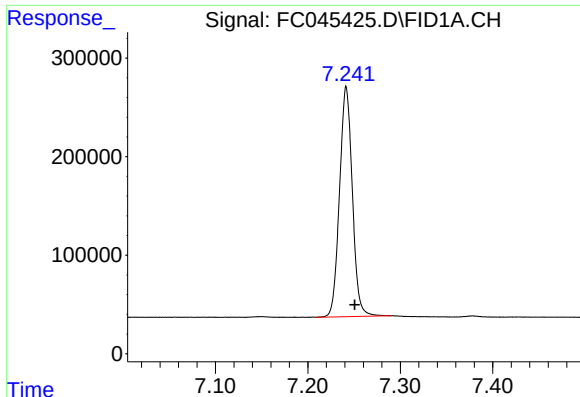
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: -0.008 min
Response: 2240946
Conc: 20.98 ug/ml



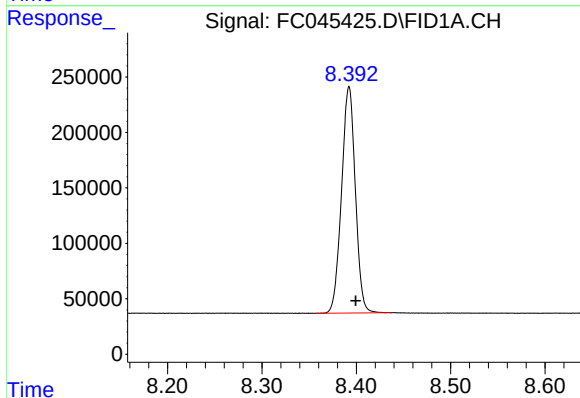
#4 n-Dodecane (C12)

R.T.: 6.602 min
Delta R.T.: -0.007 min
Response: 2054241
Conc: 21.01 ug/ml



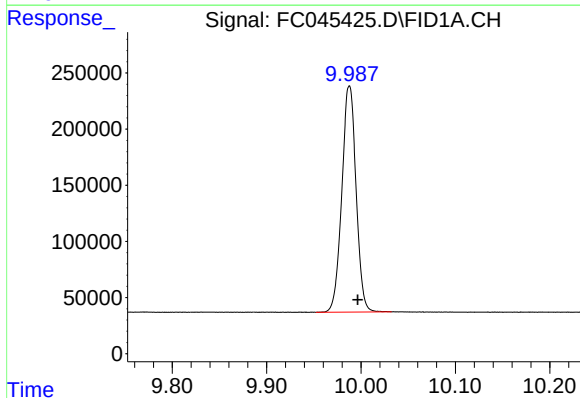
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.242 min
Delta R.T.: -0.009 min
Response: 2249229
Conc: 20.98 ug/ml



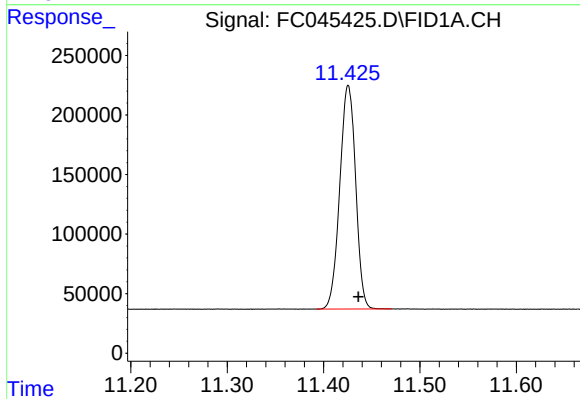
#6 n-Tetradecane (C14)

R.T.: 8.392 min
Delta R.T.: -0.007 min
Response: 2074660
Conc: 21.05 ug/ml



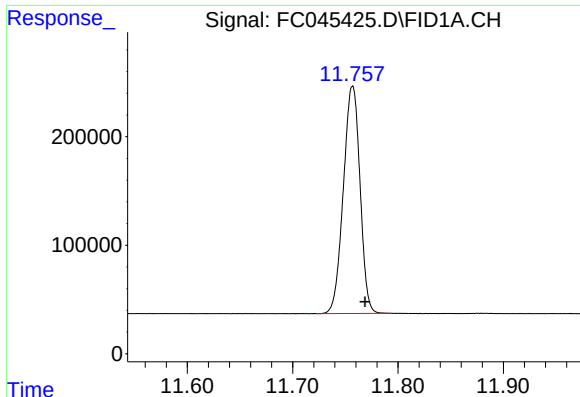
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: -0.009 min
Response: 2110930
Conc: 21.09 ug/ml



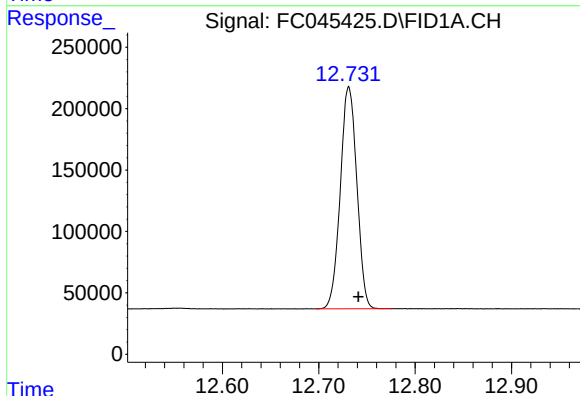
#8 n-Octadecane (C18)

R.T.: 11.426 min
Delta R.T.: -0.011 min
Response: 2141425
Conc: 21.02 ug/ml



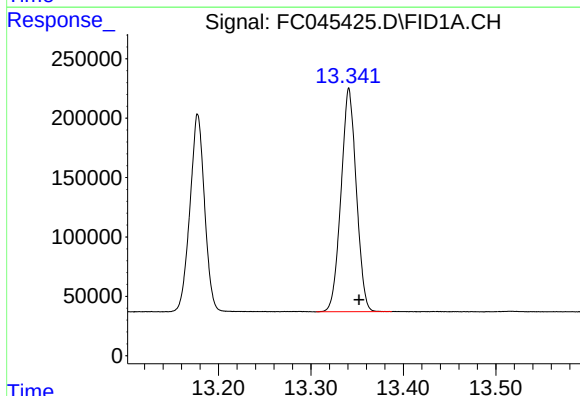
#9 ortho-Terphenyl (SURR)

R.T.: 11.757 min
Delta R.T.: -0.012 min
Response: 2308072
Conc: 21.00 ug/ml



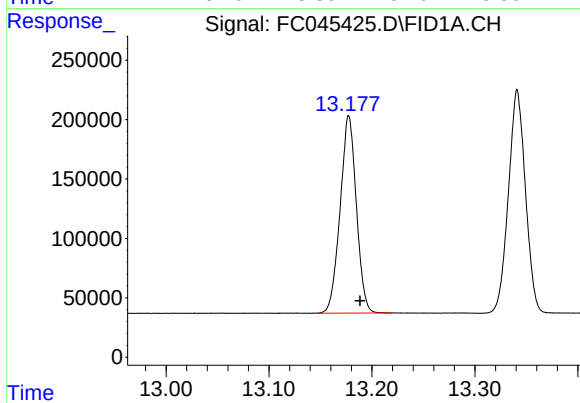
#10 n-Eicosane (C20)

R.T.: 12.731 min
Delta R.T.: -0.010 min
Response: 2147623
Conc: 20.94 ug/ml



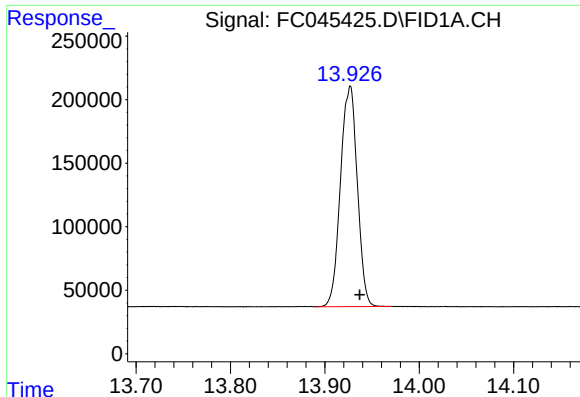
#11 n-Heneicosane (C21)

R.T.: 13.341 min
Delta R.T.: -0.011 min
Response: 2165330
Conc: 20.92 ug/ml



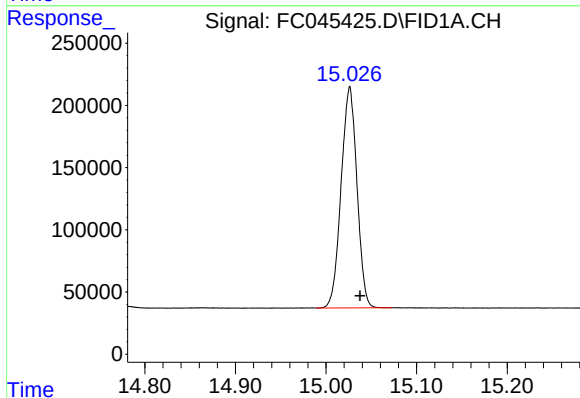
#12 1-chlorooctadecane (SURR)

R.T.: 13.178 min
Delta R.T.: -0.011 min
Response: 1823869
Conc: 20.98 ug/ml



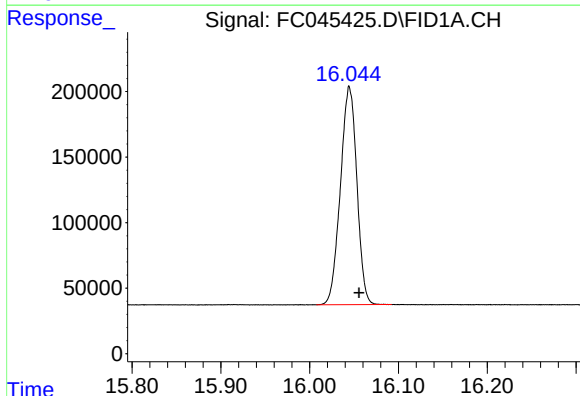
#13 n-Docosane (C22)

R.T.: 13.927 min
Delta R.T.: -0.010 min
Response: 2150983
Conc: 20.85 ug/ml



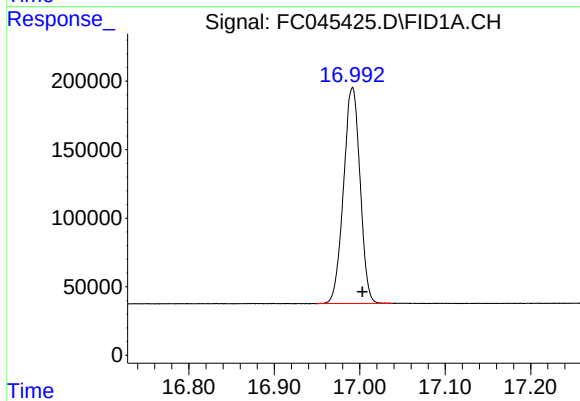
#14 n-Tetracosane (C24)

R.T.: 15.026 min
Delta R.T.: -0.011 min
Response: 2161111
Conc: 20.80 ug/ml



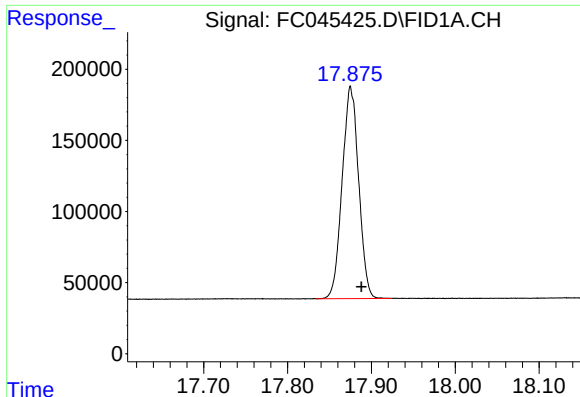
#15 n-Hexacosane (C26)

R.T.: 16.045 min
Delta R.T.: -0.011 min
Response: 2144899
Conc: 20.76 ug/ml



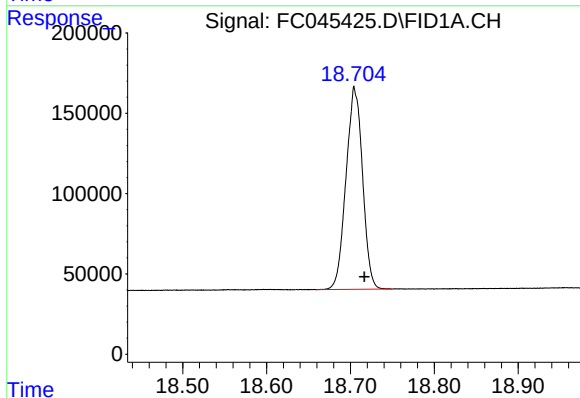
#16 n-Octacosane (C28)

R.T.: 16.991 min
Delta R.T.: -0.012 min
Response: 2119249
Conc: 20.73 ug/ml



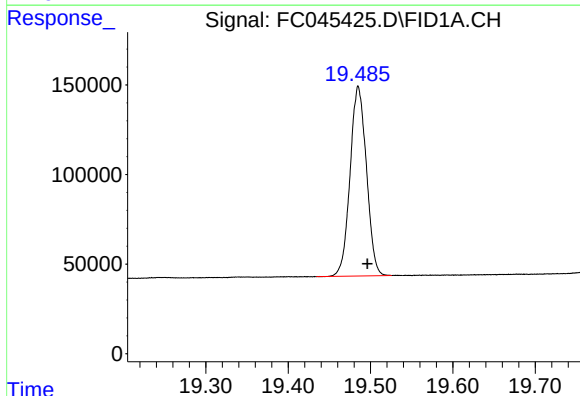
#17 n-Tricontane (C30)

R.T.: 17.875 min
Delta R.T.: -0.013 min
Response: 2037008
Conc: 20.75 ug/ml



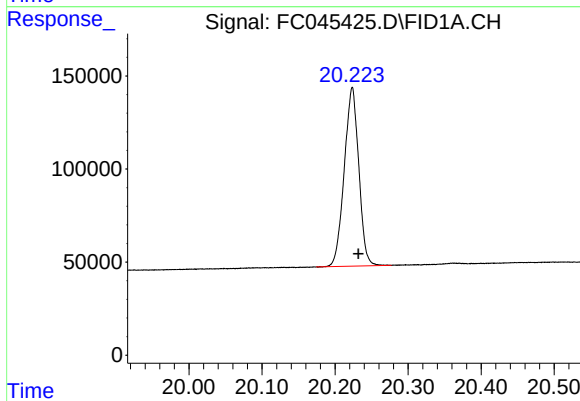
#18 n-Dotriacontane (C32)

R.T.: 18.705 min
Delta R.T.: -0.012 min
Response: 1721703
Conc: 20.69 ug/ml



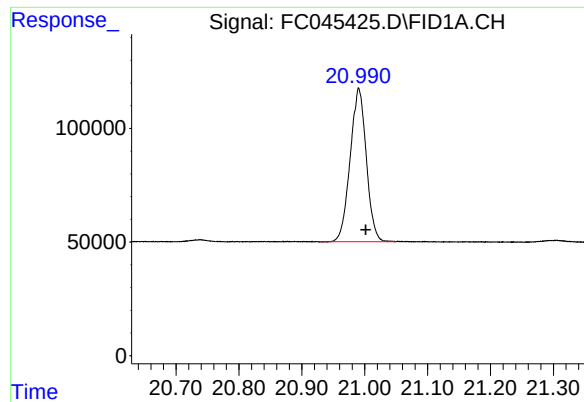
#19 n-Tetratriacontane (C34)

R.T.: 19.485 min
Delta R.T.: -0.011 min
Response: 1461113
Conc: 20.65 ug/ml



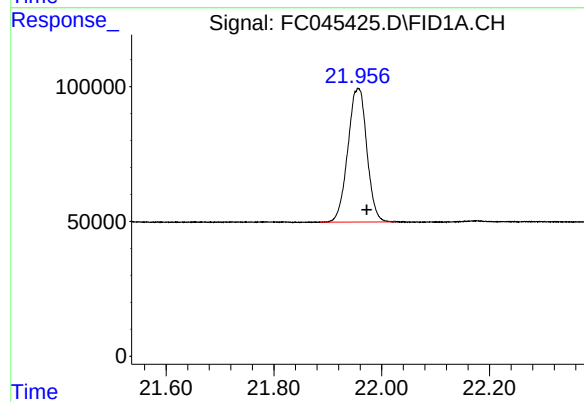
#20 n-Hexatriacontane (C36)

R.T.: 20.224 min
Delta R.T.: -0.008 min
Response: 1327059
Conc: 20.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.991 min
Delta R.T.: -0.011 min
Response: 1202534
Conc: 20.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.957 min
Delta R.T.: -0.016 min
Response: 1211738
Conc: 20.54 ug/ml