

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121919AL\
 Data File : FC044987.D
 Signal(s) : FID1A.CH
 Acq On : 19 Dec 2019 11:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 00:46:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 2019
 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	2271872	19.938 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
12) S 1-chlorooctadecane (S...	13.180	1750116	19.763 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T n-Nonane (C9)	3.508	2121971	20.872 ug/ml
2) T n-Decane (C10)	4.582	2150032	21.171 ug/ml
3) T A~Naphthalene (C11.7)	6.182	2400155	21.008 ug/ml
4) T n-Dodecane (C12)	6.600	2170356	21.332 ug/ml
5) T A~2-methylnaphthalene...	7.237	2404028	20.965 ug/ml
6) T n-Tetradecane (C14)	8.392	2182884	21.416 ug/ml
7) T n-Hexadecane (C16)	9.988	2190794	21.351 ug/ml
8) T n-Octadecane (C18)	11.426	2171447	20.972 ug/ml
10) T n-Eicosane (C20)	12.734	2123992	20.361 ug/ml
11) T n-Heneicosane (C21)	13.344	2107169	19.976 ug/ml
13) T n-Docosane (C22)	13.929	2066750	19.591 ug/ml
14) T n-Tetracosane (C24)	15.030	2011185	18.786 ug/ml
15) T n-Hexacosane (C26)	16.049	1946766	18.292 ug/ml
16) T n-Octacosane (C28)	16.998	1900522	18.107 ug/ml
17) T n-Tricontane (C30)	17.883	1843941	18.417 ug/ml
18) T n-Dotriacontane (C32)	18.713	1582846	19.010 ug/ml
19) T n-Tetratriacontane (C34)	19.494	1351641	19.701 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1232778	20.654 ug/ml
21) T n-Octatriacontane (C38)	21.000	1152967	21.447 ug/ml
22) T n-Tetracontane (C40)	21.970	1172584	21.886 ug/ml

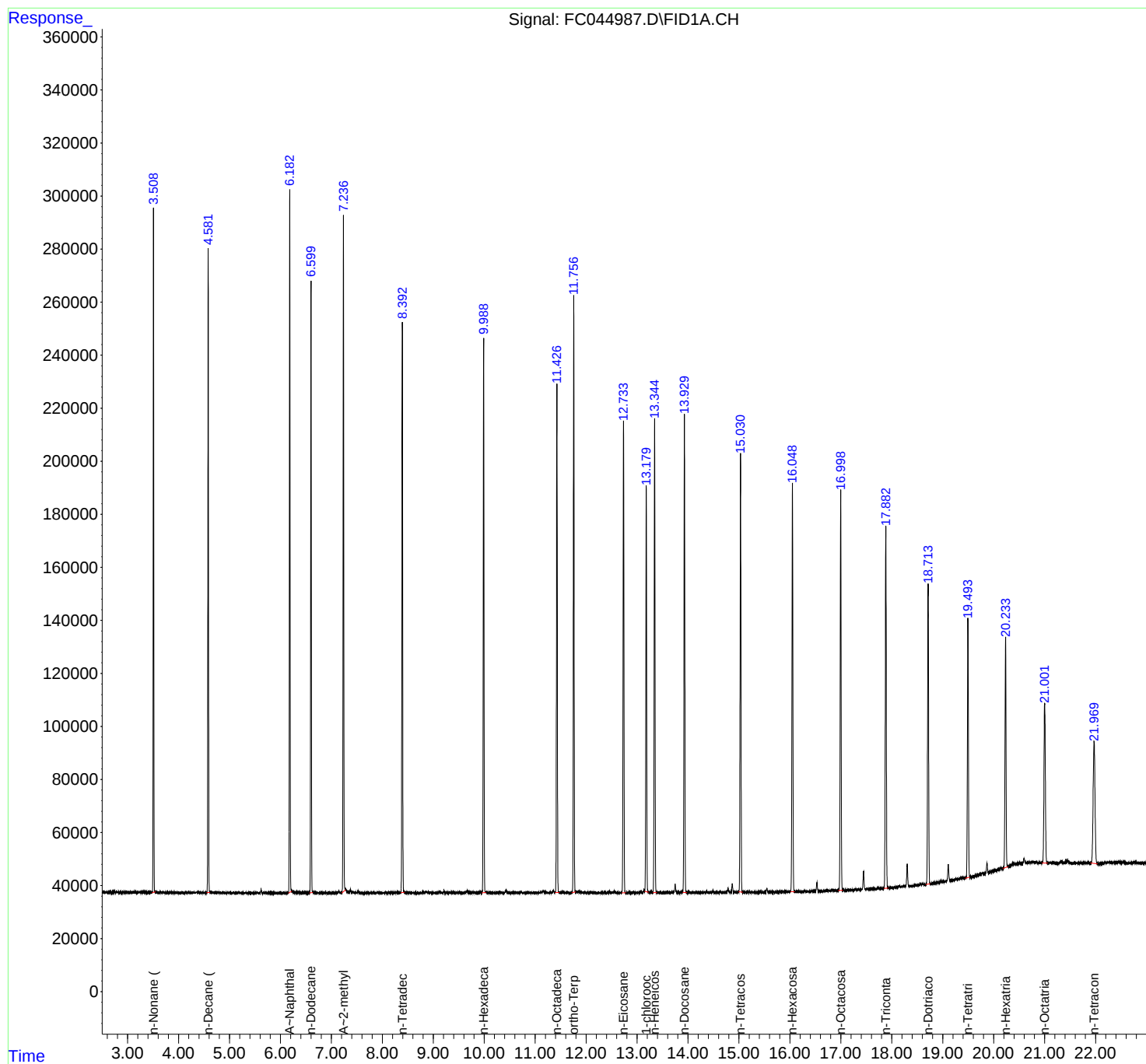
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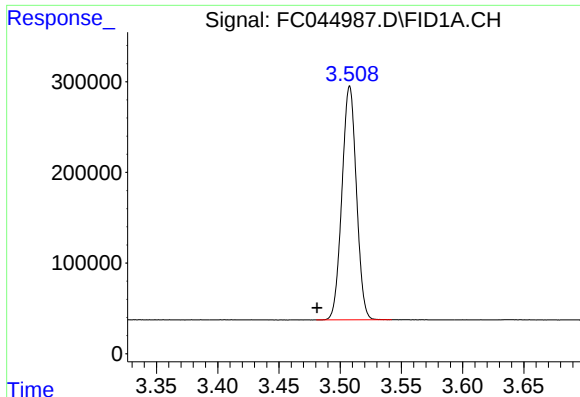
(m)=manual int.

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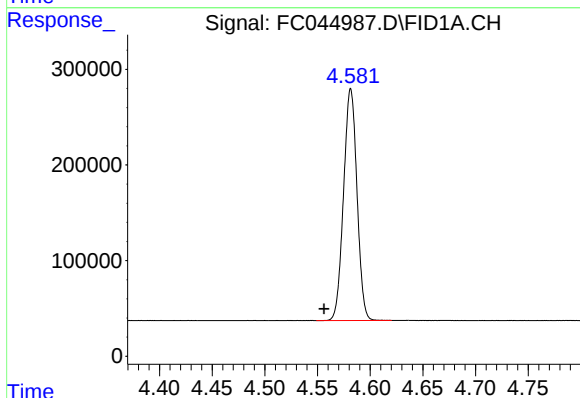
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





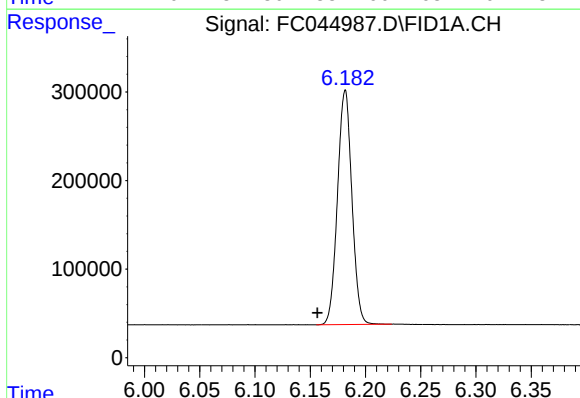
#1 n-Nonane (C9)

R.T.: 3.508 min
Delta R.T.: 0.027 min
Response: 2121971
Conc: 20.87 ug/ml



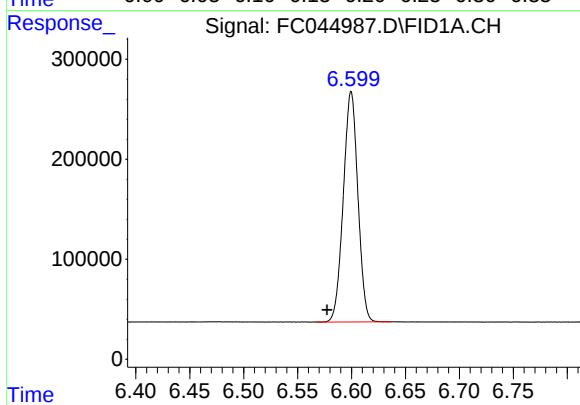
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: 0.025 min
Response: 2150032
Conc: 21.17 ug/ml



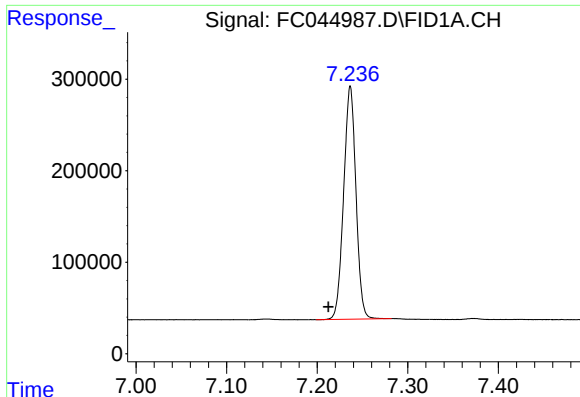
#3 A~Naphthalene (C11.7)

R.T.: 6.182 min
Delta R.T.: 0.025 min
Response: 2400155
Conc: 21.01 ug/ml



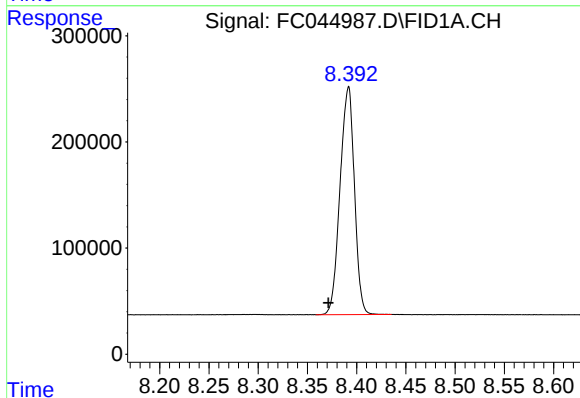
#4 n-Dodecane (C12)

R.T.: 6.600 min
Delta R.T.: 0.022 min
Response: 2170356
Conc: 21.33 ug/ml



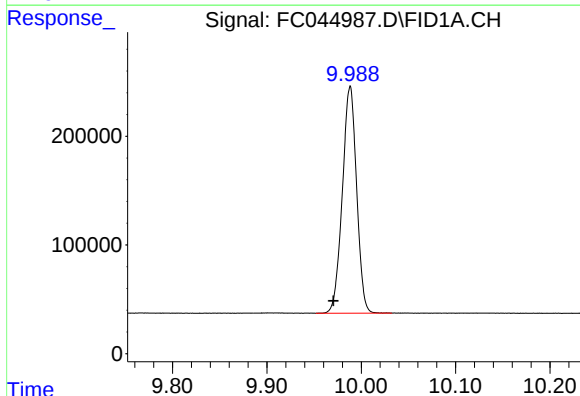
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.237 min
Delta R.T.: 0.024 min
Response: 2404028
Conc: 20.97 ug/ml



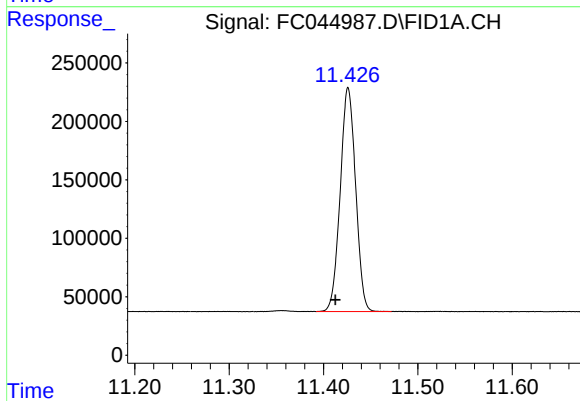
#6 n-Tetradecane (C14)

R.T.: 8.392 min
Delta R.T.: 0.020 min
Response: 2182884
Conc: 21.42 ug/ml



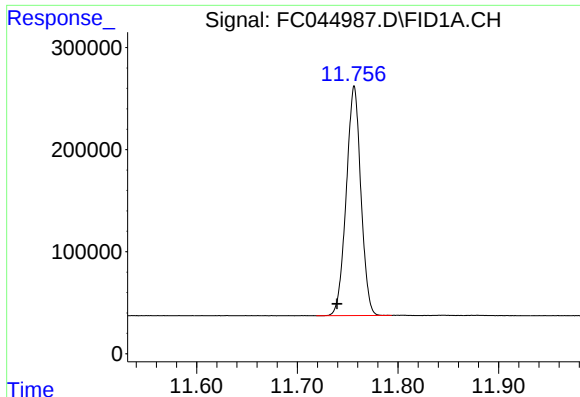
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: 0.018 min
Response: 2190794
Conc: 21.35 ug/ml



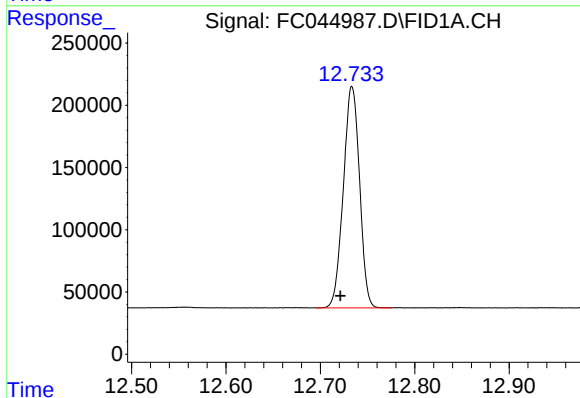
#8 n-Octadecane (C18)

R.T.: 11.426 min
Delta R.T.: 0.014 min
Response: 2171447
Conc: 20.97 ug/ml



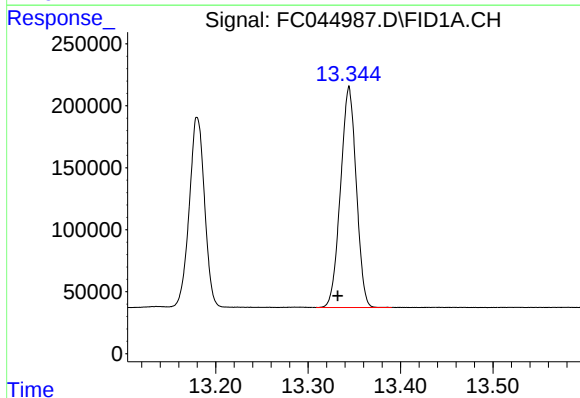
#9 ortho-Terphenyl (SURR)

R.T.: 11.757 min
Delta R.T.: 0.017 min
Response: 2271872
Conc: 19.94 ug/ml



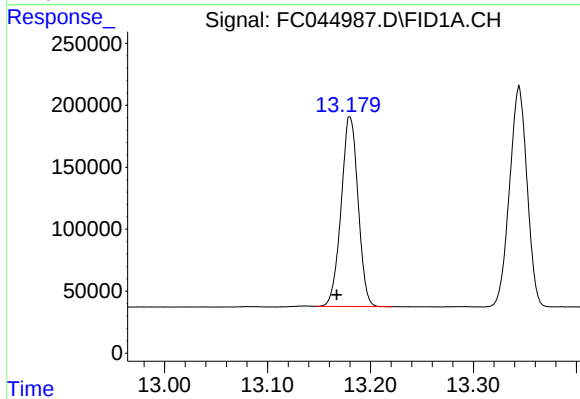
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: 0.012 min
Response: 2123992
Conc: 20.36 ug/ml



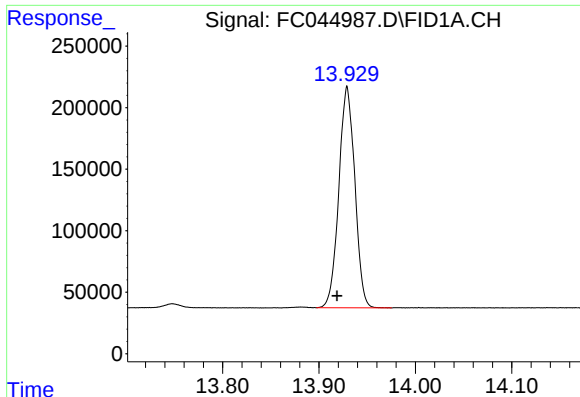
#11 n-Heneicosane (C21)

R.T.: 13.344 min
Delta R.T.: 0.012 min
Response: 2107169
Conc: 19.98 ug/ml



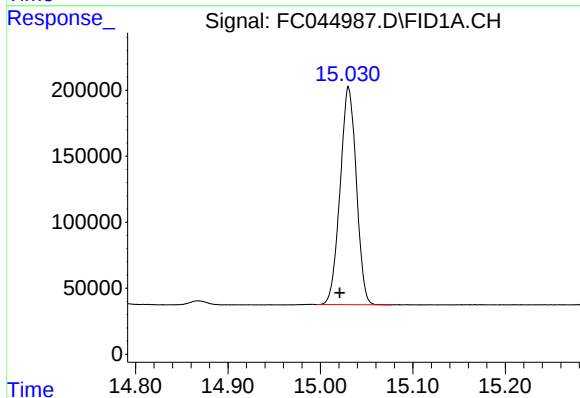
#12 1-chlorooctadecane (SURR)

R.T.: 13.180 min
Delta R.T.: 0.013 min
Response: 1750116
Conc: 19.76 ug/ml



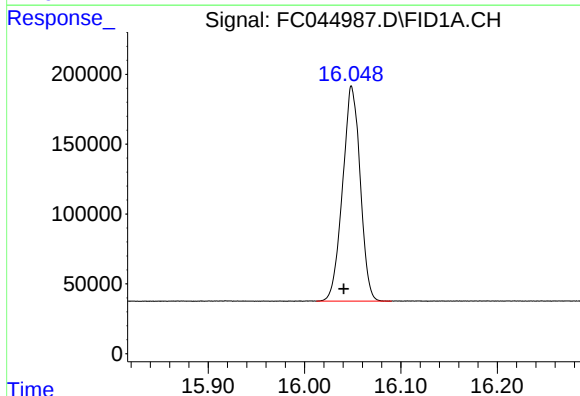
#13 n-Docosane (C22)

R.T.: 13.929 min
Delta R.T.: 0.010 min
Response: 2066750
Conc: 19.59 ug/ml



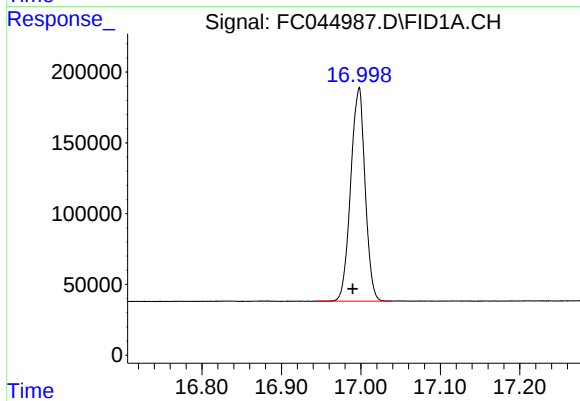
#14 n-Tetracosane (C24)

R.T.: 15.030 min
Delta R.T.: 0.010 min
Response: 2011185
Conc: 18.79 ug/ml



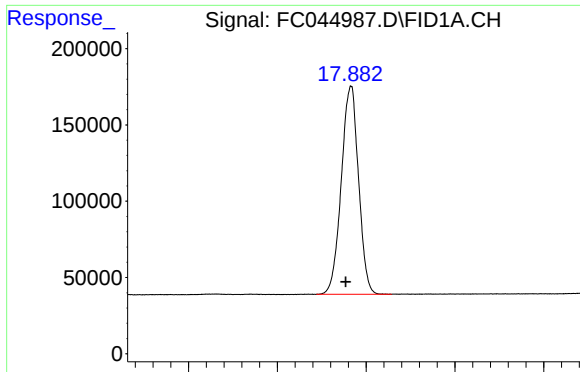
#15 n-Hexacosane (C26)

R.T.: 16.049 min
Delta R.T.: 0.008 min
Response: 1946766
Conc: 18.29 ug/ml



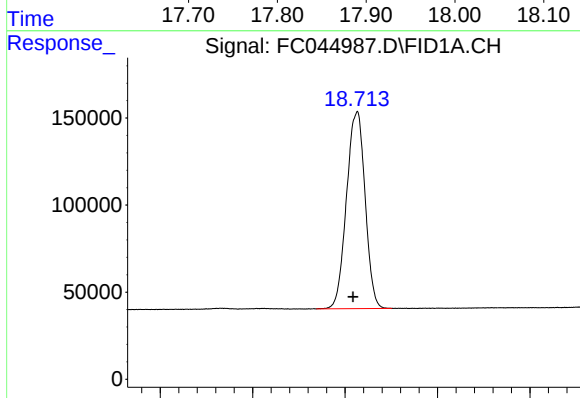
#16 n-Octacosane (C28)

R.T.: 16.998 min
Delta R.T.: 0.008 min
Response: 1900522
Conc: 18.11 ug/ml



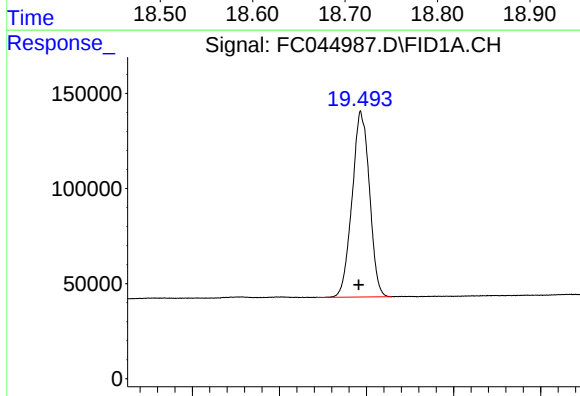
#17 n-Tricontane (C30)

R.T.: 17.883 min
Delta R.T.: 0.006 min
Response: 1843941
Conc: 18.42 ug/ml



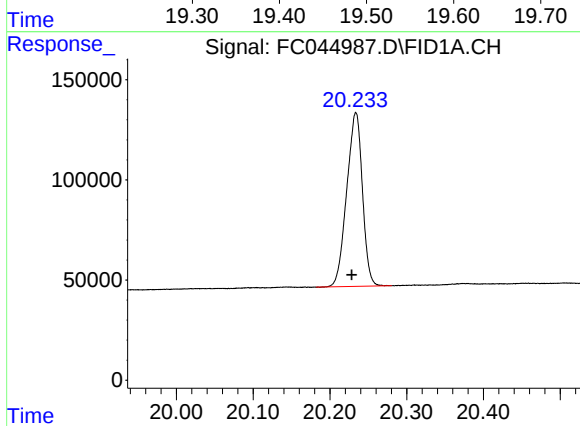
#18 n-Dotriacontane (C32)

R.T.: 18.713 min
Delta R.T.: 0.005 min
Response: 1582846
Conc: 19.01 ug/ml



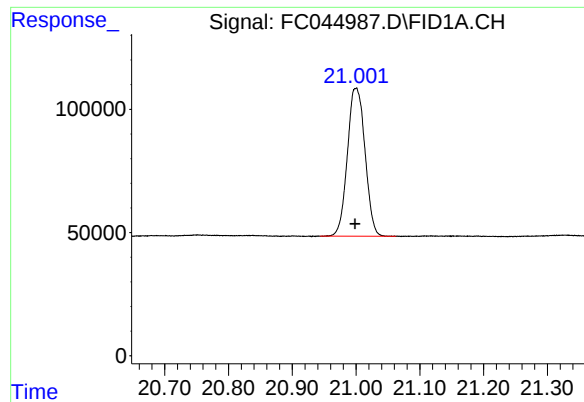
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: 0.002 min
Response: 1351641
Conc: 19.70 ug/ml



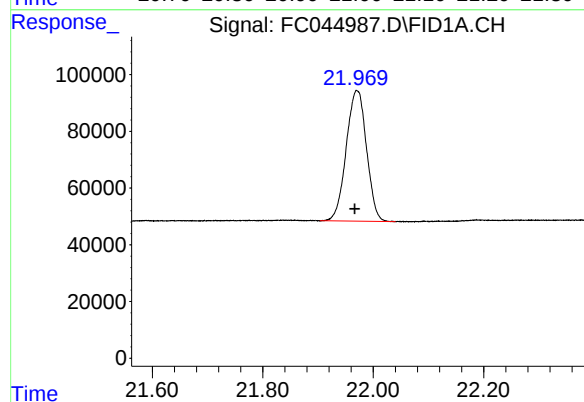
#20 n-Hexatriacontane (C36)

R.T.: 20.234 min
Delta R.T.: 0.005 min
Response: 1232778
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.000 min
Delta R.T.: 0.001 min
Response: 1152967
Conc: 21.45 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: 0.004 min
Response: 1172584
Conc: 21.89 ug/ml