

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121020AL\
 Data File : FC051226.D
 Signal(s) : FID1A.CH
 Acq On : 10 Dec 2020 10:08
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 11 01:40:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.582	2011634	16.349 ug/ml
Spiked Amount 50.000		Recovery =	32.70%
12) S 1-chlorooctadecane (S...	13.017	1553881	15.929 ug/ml
Spiked Amount 50.000		Recovery =	31.86%
Target Compounds			
1) T n-Nonane (C9)	3.336	1927588	18.113 ug/ml
2) T n-Decane (C10)	4.406	1935110	18.220 ug/ml
3) T A~Naphthalene (C11.7)	5.999	2038788	18.135 ug/ml
4) T n-Dodecane (C12)	6.425	1974691	18.149 ug/ml
5) T A~2-methylnaphthalene...	7.057	2027624	17.941 ug/ml
6) T n-Tetradecane (C14)	8.221	1954310	18.062 ug/ml
7) T n-Hexadecane (C16)	9.821	1893708	17.646 ug/ml
8) T n-Octadecane (C18)	11.262	1938681	16.997 ug/ml
10) T n-Eicosane (C20)	12.571	1900737	16.362 ug/ml
11) T n-Heneicosane (C21)	13.183	1864512	16.093 ug/ml
13) T n-Docosane (C22)	13.768	1838027	15.869 ug/ml
14) T n-Tetracosane (C24)	14.870	1798845	15.641 ug/ml
15) T n-Hexacosane (C26)	15.890	1765647	15.681 ug/ml
16) T n-Octacosane (C28)	16.839	1780774	16.083 ug/ml
17) T n-Tricontane (C30)	17.724	1802169	16.965 ug/ml
18) T n-Dotriacontane (C32)	18.555	1729022	17.696 ug/ml
19) T n-Tetratriacontane (C34)	19.337	1627851	18.239 ug/ml
20) T n-Hexatriacontane (C36)	20.076	1632136	19.569 ug/ml
21) T n-Octatriacontane (C38)	20.812	1506183	19.341 ug/ml
22) T n-Tetracontane (C40)	21.728	1427115	17.236 ug/ml

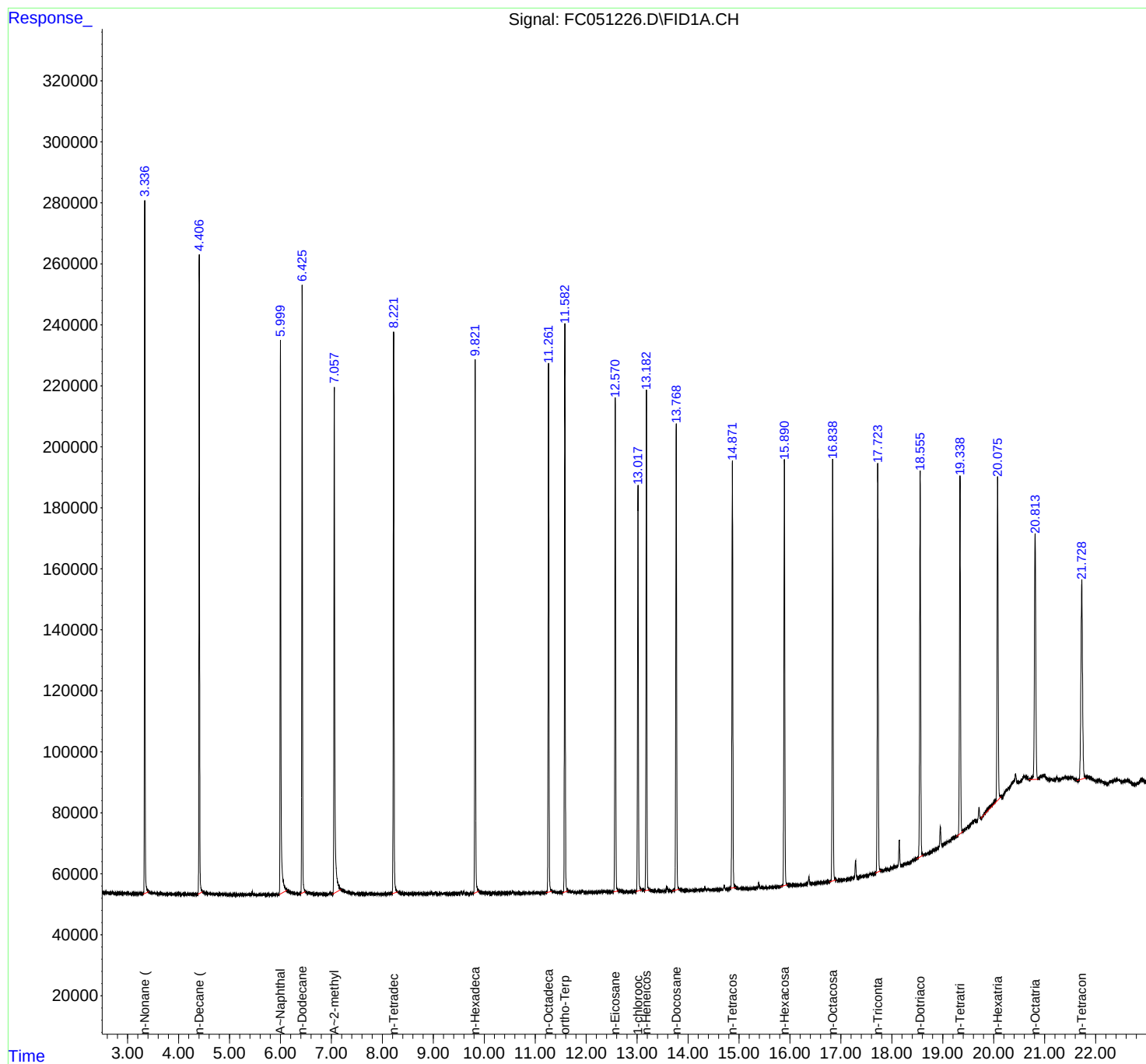
(f)=RT Delta > 1/2 Window

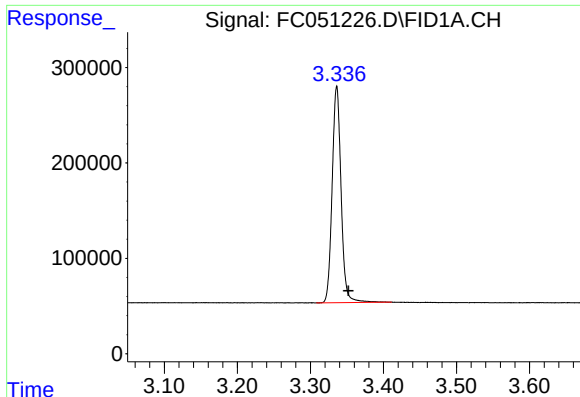
(m)=manual int.

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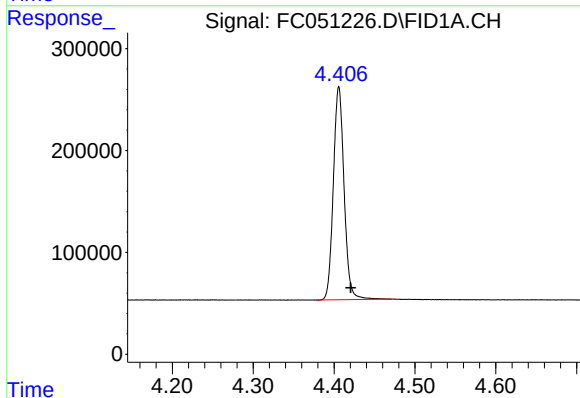
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





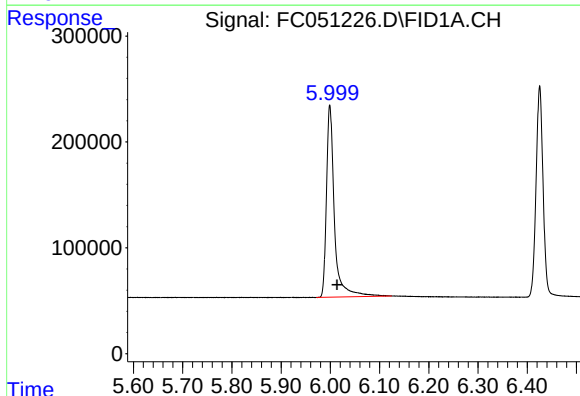
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: -0.016 min
Response: 1927588
Conc: 18.11 ug/ml



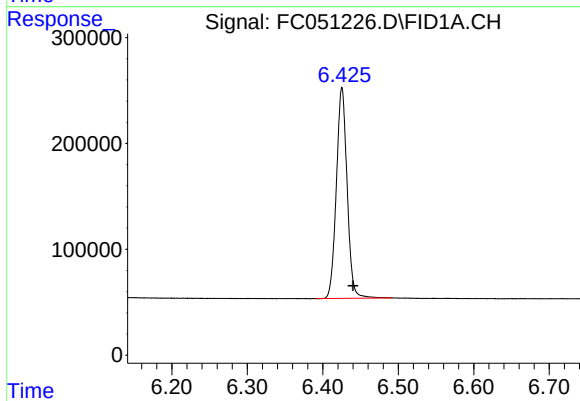
#2 n-Decane (C10)

R.T.: 4.406 min
Delta R.T.: -0.015 min
Response: 1935110
Conc: 18.22 ug/ml



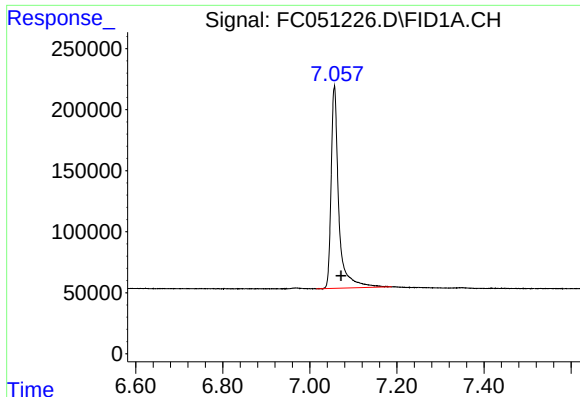
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.014 min
Response: 2038788
Conc: 18.13 ug/ml



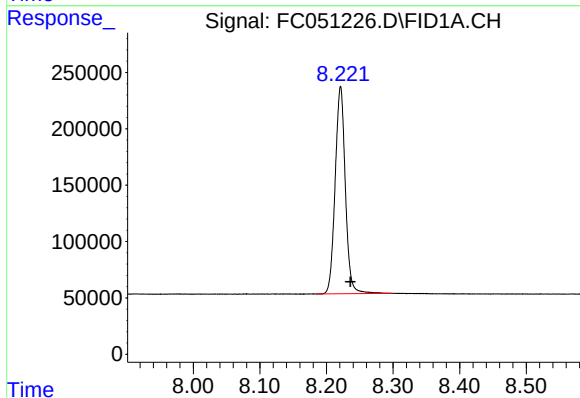
#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: -0.015 min
Response: 1974691
Conc: 18.15 ug/ml



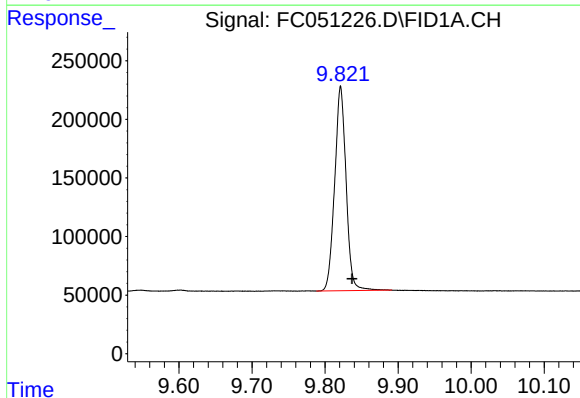
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.057 min
Delta R.T.: -0.015 min
Response: 2027624
Conc: 17.94 ug/ml



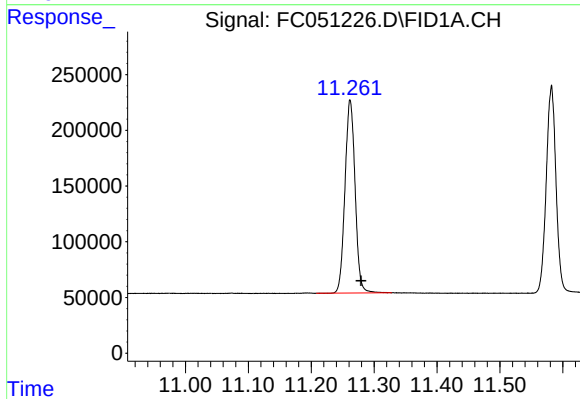
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: -0.015 min
Response: 1954310
Conc: 18.06 ug/ml



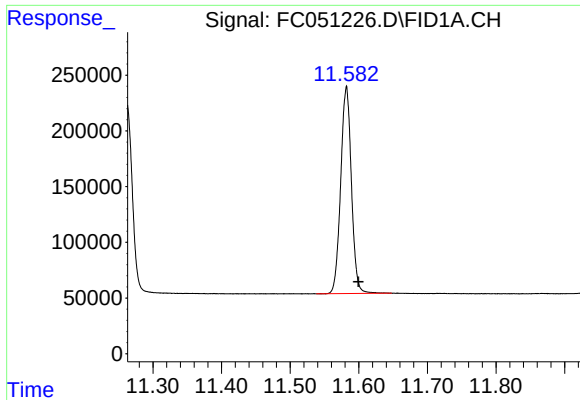
#7 n-Hexadecane (C16)

R.T.: 9.821 min
Delta R.T.: -0.016 min
Response: 1893708
Conc: 17.65 ug/ml



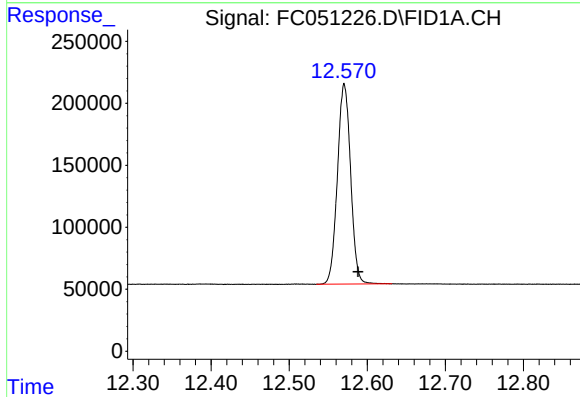
#8 n-Octadecane (C18)

R.T.: 11.262 min
Delta R.T.: -0.017 min
Response: 1938681
Conc: 17.00 ug/ml



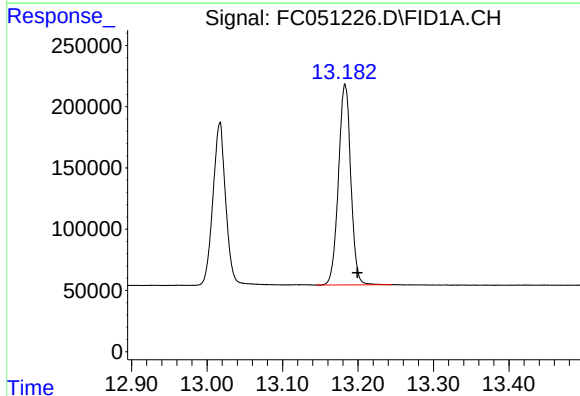
#9 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: -0.018 min
Response: 2011634
Conc: 16.35 ug/ml



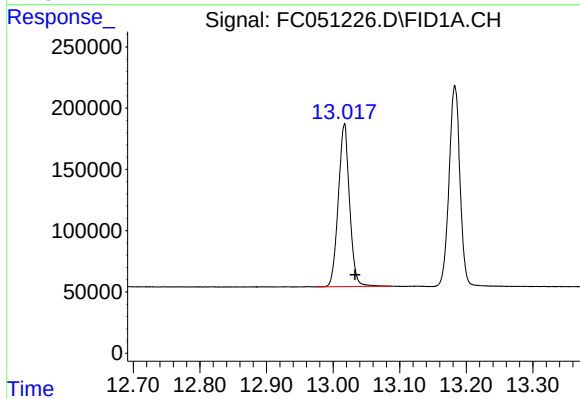
#10 n-Eicosane (C20)

R.T.: 12.571 min
Delta R.T.: -0.018 min
Response: 1900737
Conc: 16.36 ug/ml



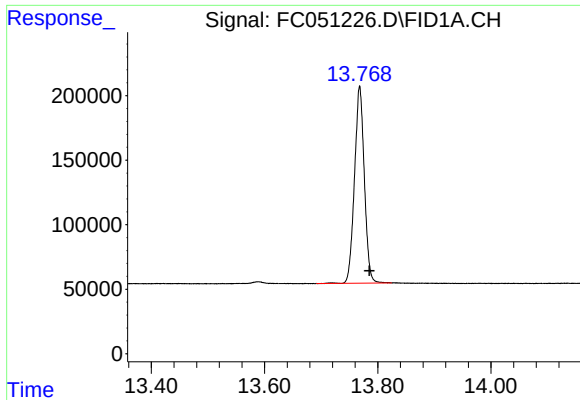
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: -0.017 min
Response: 1864512
Conc: 16.09 ug/ml



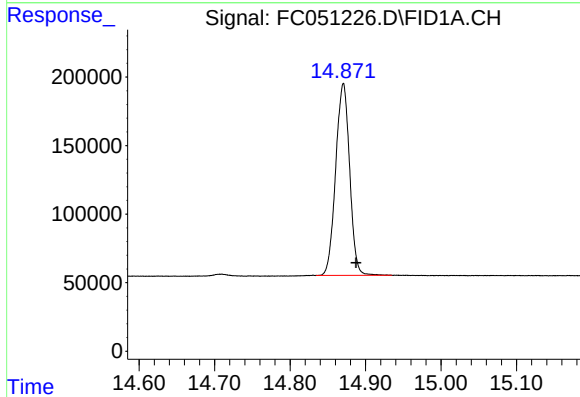
#12 1-chlorooctadecane (SURR)

R.T.: 13.017 min
Delta R.T.: -0.017 min
Response: 1553881
Conc: 15.93 ug/ml



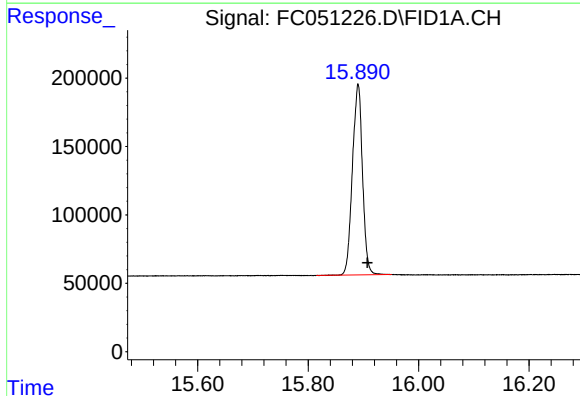
#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: -0.017 min
Response: 1838027
Conc: 15.87 ug/ml



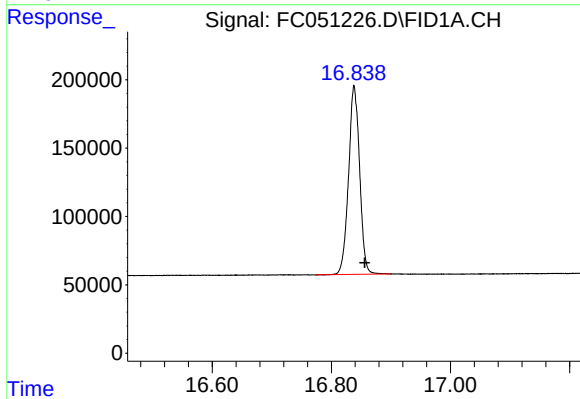
#14 n-Tetracosane (C24)

R.T.: 14.870 min
Delta R.T.: -0.017 min
Response: 1798845
Conc: 15.64 ug/ml



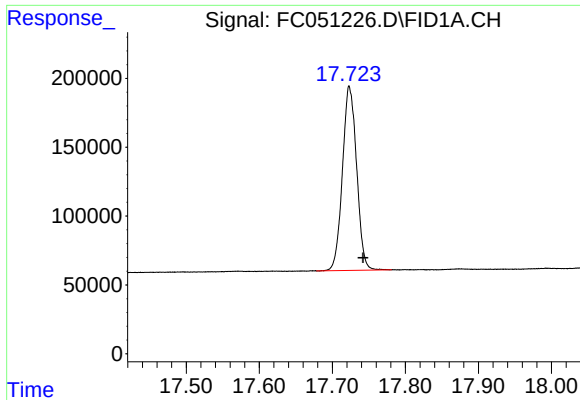
#15 n-Hexacosane (C26)

R.T.: 15.890 min
Delta R.T.: -0.017 min
Response: 1765647
Conc: 15.68 ug/ml



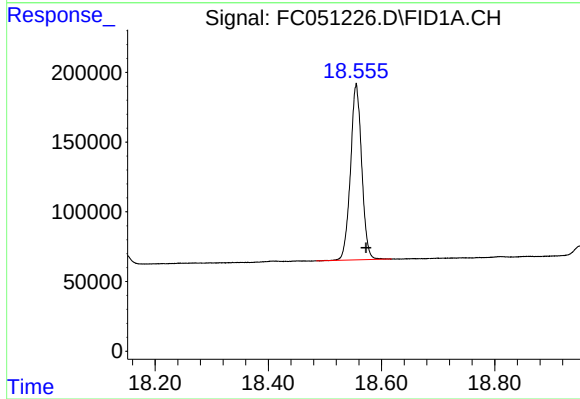
#16 n-Octacosane (C28)

R.T.: 16.839 min
Delta R.T.: -0.017 min
Response: 1780774
Conc: 16.08 ug/ml



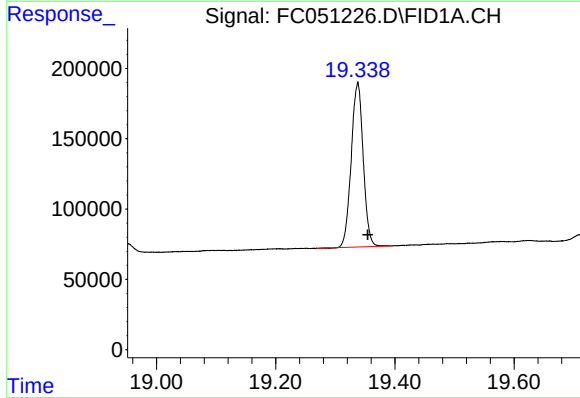
#17 n-Tricontane (C30)

R.T.: 17.724 min
Delta R.T.: -0.018 min
Response: 1802169
Conc: 16.97 ug/ml



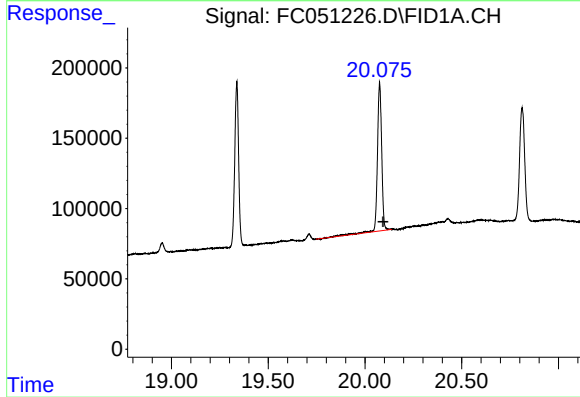
#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: -0.017 min
Response: 1729022
Conc: 17.70 ug/ml



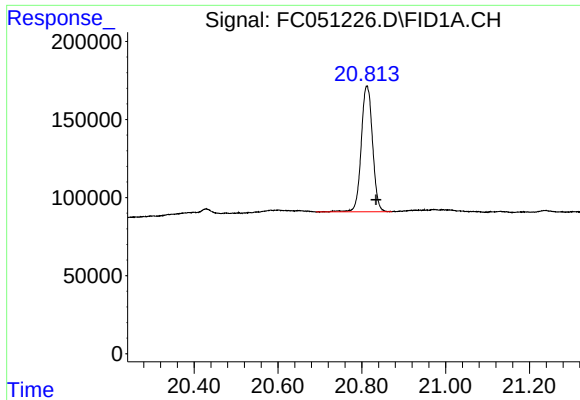
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: -0.017 min
Response: 1627851
Conc: 18.24 ug/ml



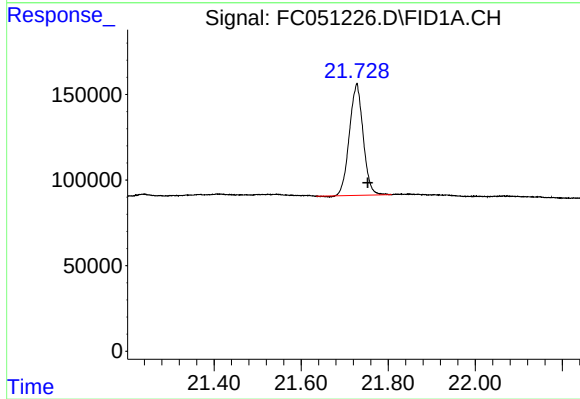
#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: -0.018 min
Response: 1632136
Conc: 19.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: -0.022 min
Response: 1506183
Conc: 19.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.728 min
Delta R.T.: -0.026 min
Response: 1427115
Conc: 17.24 ug/ml