

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051821AL\
 Data File : FC053782.D
 Signal(s) : FID1A.CH
 Acq On : 18 May 2021 11:06
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 19 01:09:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 2021
 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)	11.530	2357790	17.030 ug/ml
Spiked Amount 50.000		Recovery =	34.06%
12) S 1-chlorooctadecane (S...	12.970	1846027	16.551 ug/ml
Spiked Amount 50.000		Recovery =	33.10%
Target Compounds			
1) T n-Nonane (C9)	3.291	2236059	18.932 ug/ml
2) T n-Decane (C10)	4.356	2259985	19.085 ug/ml
3) T A~Naphthalene (C11.7)	5.939	2484550	19.068 ug/ml
4) T n-Dodecane (C12)	6.374	2320998	19.181 ug/ml
5) T A~2-methylnaphthalene...	6.997	2515937	19.030 ug/ml
6) T n-Tetradecane (C14)	8.170	2323599	19.074 ug/ml
7) T n-Hexadecane (C16)	9.772	2275327	18.578 ug/ml
8) T n-Octadecane (C18)	11.215	2335342	17.932 ug/ml
10) T n-Eicosane (C20)	12.526	2292687	17.321 ug/ml
11) T n-Heneicosane (C21)	13.138	2236436	16.839 ug/ml
13) T n-Docosane (C22)	13.724	2217080	16.668 ug/ml
14) T n-Tetracosane (C24)	14.829	2185128	16.370 ug/ml
15) T n-Hexacosane (C26)	15.850	2083192	15.757 ug/ml
16) T n-Octacosane (C28)	16.801	2039944	15.583 ug/ml
17) T n-Tricontane (C30)	17.689	1996411	15.306 ug/ml
18) T n-Dotriacontane (C32)	18.521	1932657	15.317 ug/ml
19) T n-Tetratriacontane (C34)	19.306	1881704	15.444 ug/ml
20) T n-Hexatriacontane (C36)	20.046	1826913	15.626 ug/mlm
21) T n-Octatriacontane (C38)	20.775	1734690	16.863 ug/ml
22) T n-Tetracontane (C40)	21.668	1782477	17.888 ug/ml

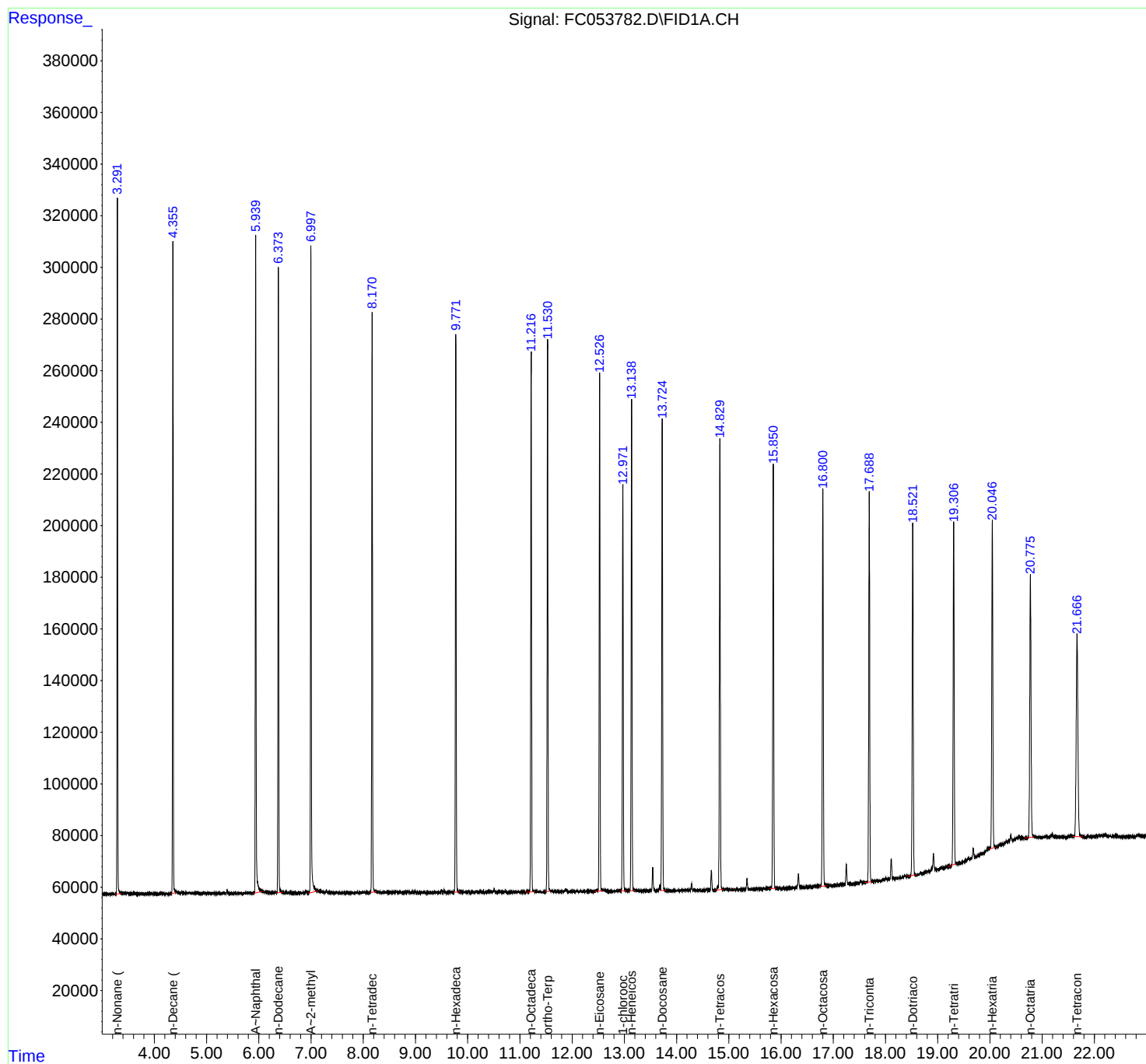
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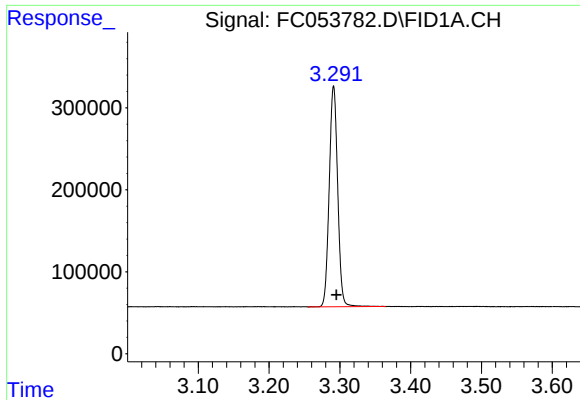
(m)=manual int.

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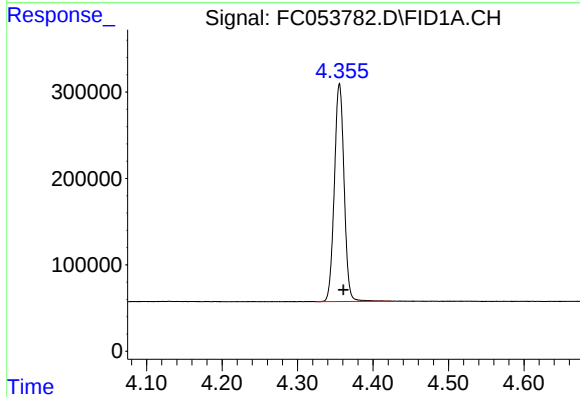
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Signal Info : 20M x 0.18mm x 0.18um





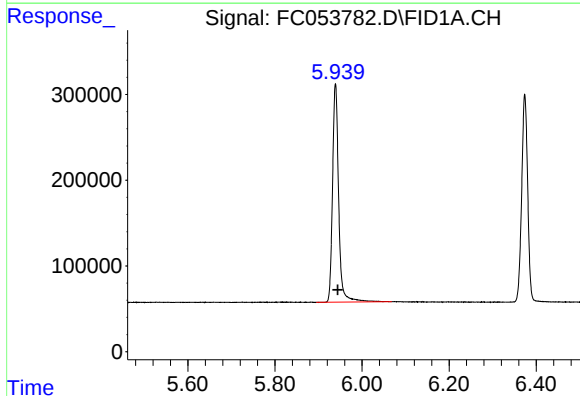
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.004 min
Response: 2236059
Conc: 18.93 ug/ml



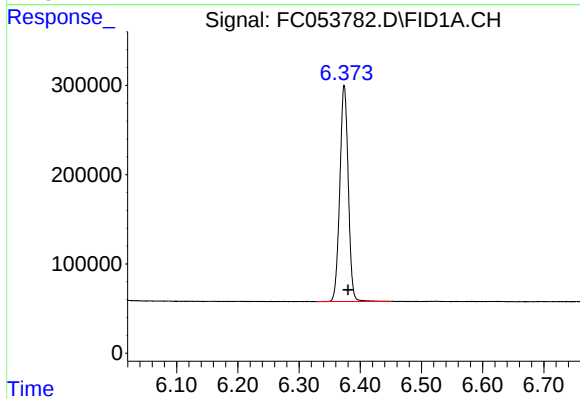
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: -0.005 min
Response: 2259985
Conc: 19.09 ug/ml



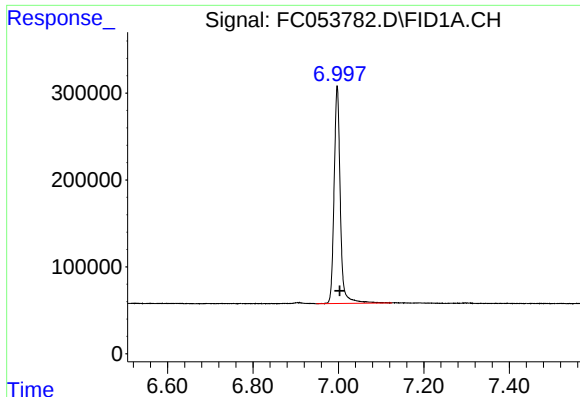
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 2484550
Conc: 19.07 ug/ml



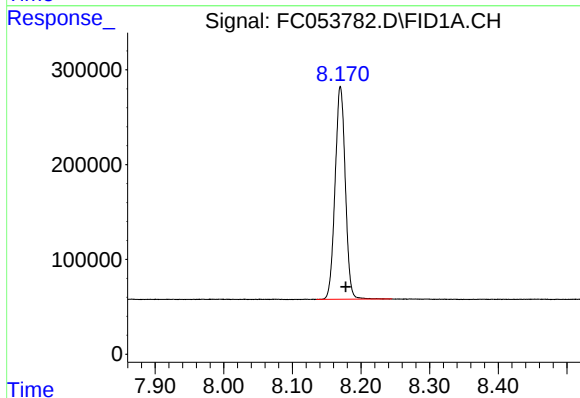
#4 n-Dodecane (C12)

R.T.: 6.374 min
Delta R.T.: -0.006 min
Response: 2320998
Conc: 19.18 ug/ml



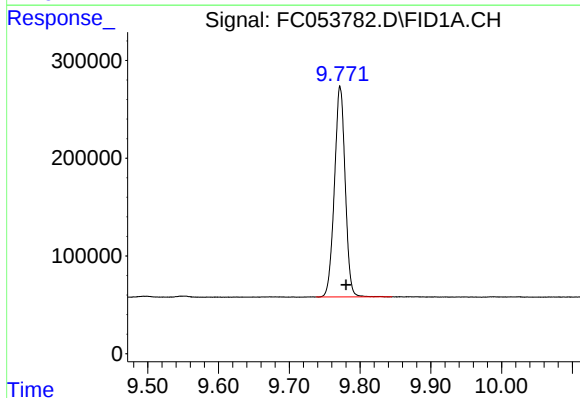
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.006 min
Response: 2515937
Conc: 19.03 ug/ml



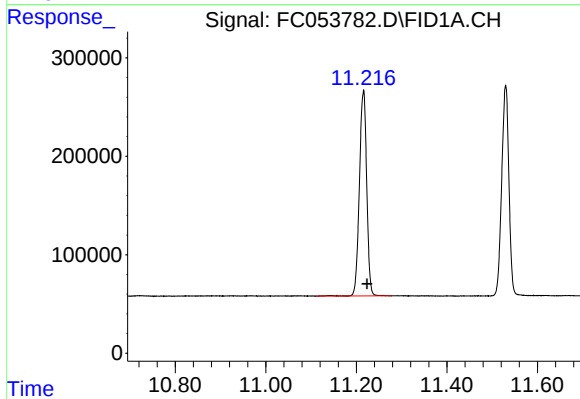
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.008 min
Response: 2323599
Conc: 19.07 ug/ml



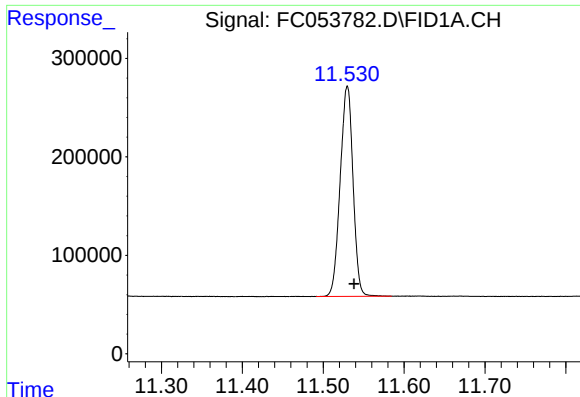
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.008 min
Response: 2275327
Conc: 18.58 ug/ml



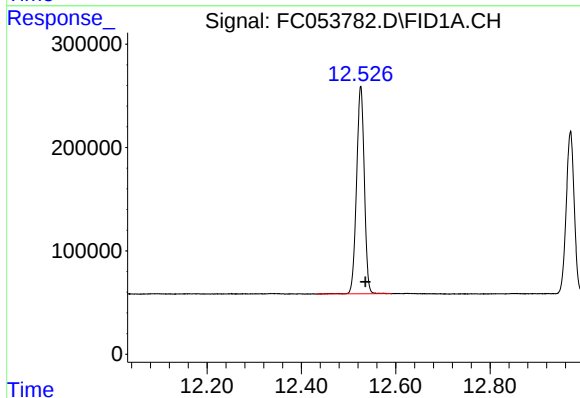
#8 n-Octadecane (C18)

R.T.: 11.215 min
Delta R.T.: -0.009 min
Response: 2335342
Conc: 17.93 ug/ml



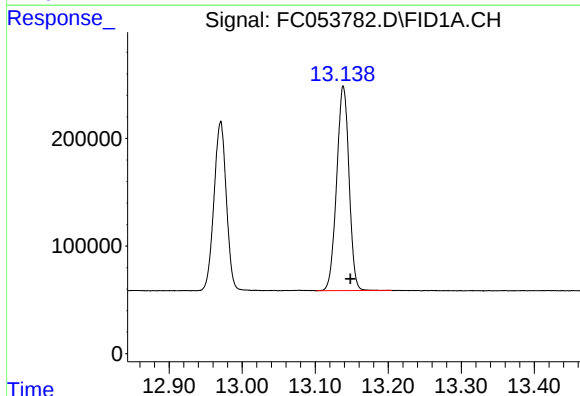
#9 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.008 min
Response: 2357790
Conc: 17.03 ug/ml



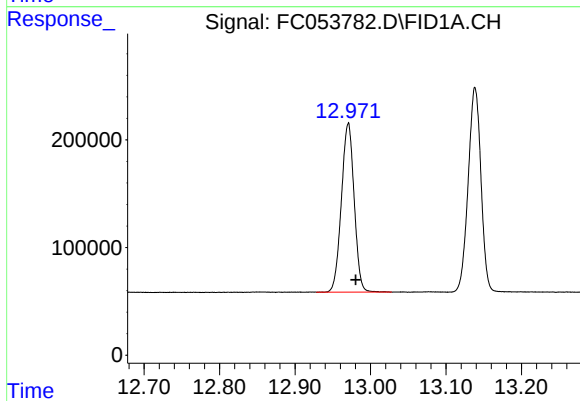
#10 n-Eicosane (C20)

R.T.: 12.526 min
Delta R.T.: -0.010 min
Response: 2292687
Conc: 17.32 ug/ml



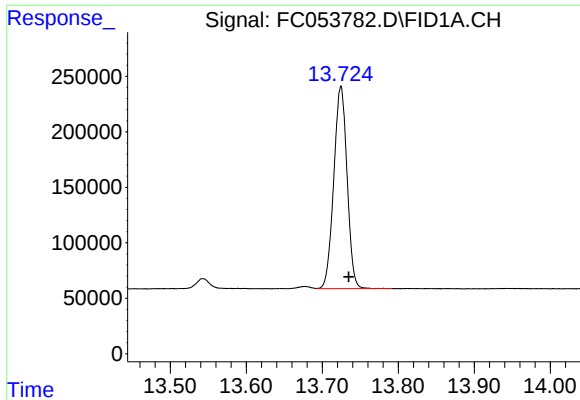
#11 n-Heneicosane (C21)

R.T.: 13.138 min
Delta R.T.: -0.010 min
Response: 2236436
Conc: 16.84 ug/ml



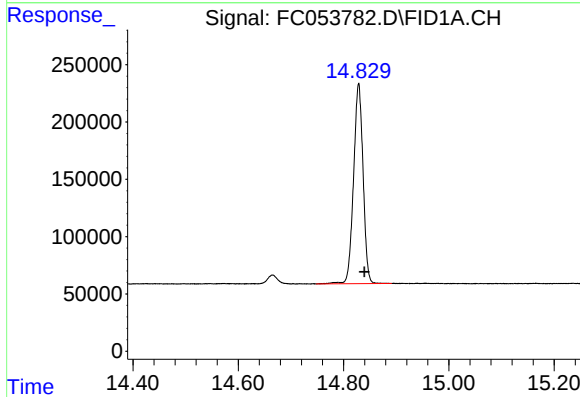
#12 1-chlorooctadecane (SURR)

R.T.: 12.970 min
Delta R.T.: -0.010 min
Response: 1846027
Conc: 16.55 ug/ml



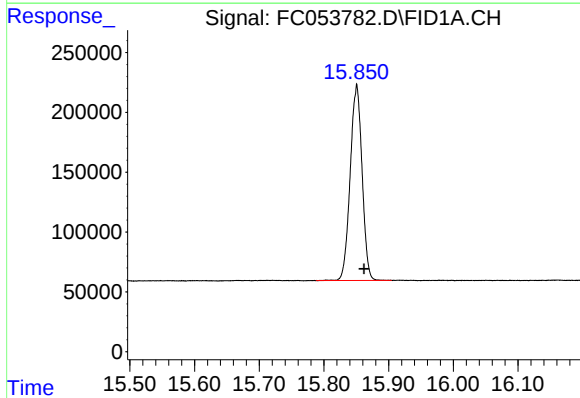
#13 n-Docosane (C22)

R.T.: 13.724 min
Delta R.T.: -0.010 min
Response: 2217080
Conc: 16.67 ug/ml



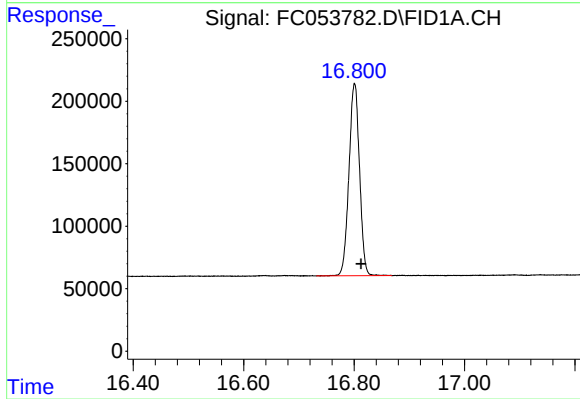
#14 n-Tetracosane (C24)

R.T.: 14.829 min
Delta R.T.: -0.011 min
Response: 2185128
Conc: 16.37 ug/ml



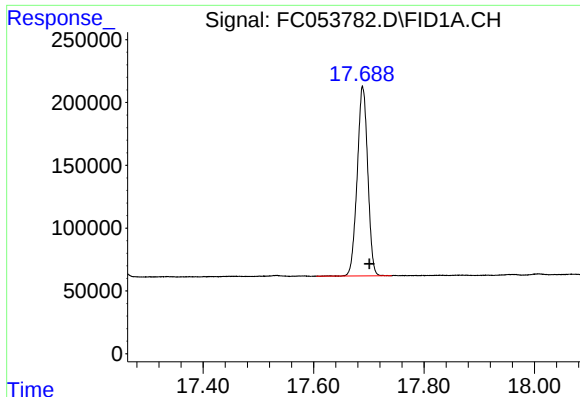
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: -0.011 min
Response: 2083192
Conc: 15.76 ug/ml



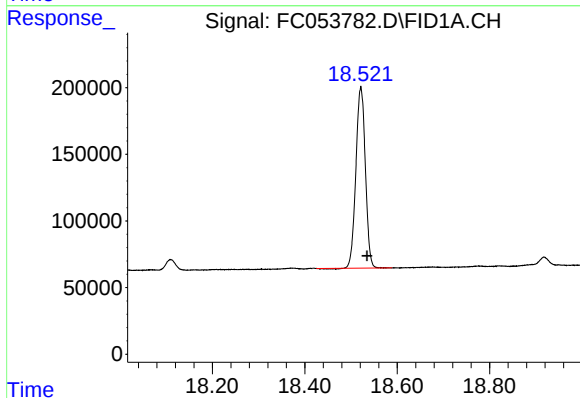
#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: -0.012 min
Response: 2039944
Conc: 15.58 ug/ml



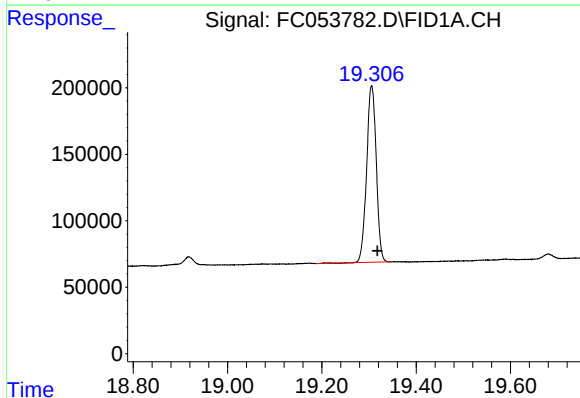
#17 n-Tricontane (C30)

R.T.: 17.689 min
Delta R.T.: -0.012 min
Response: 1996411
Conc: 15.31 ug/ml



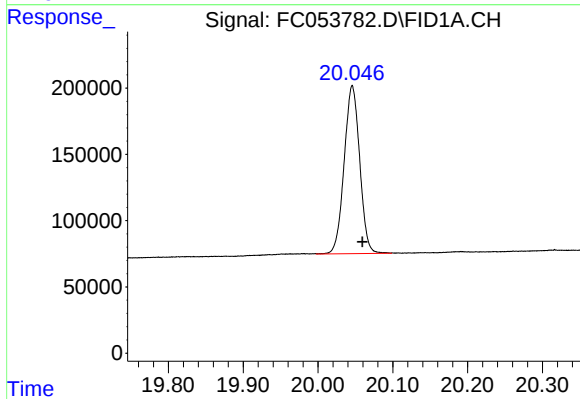
#18 n-Dotriacontane (C32)

R.T.: 18.521 min
Delta R.T.: -0.013 min
Response: 1932657
Conc: 15.32 ug/ml



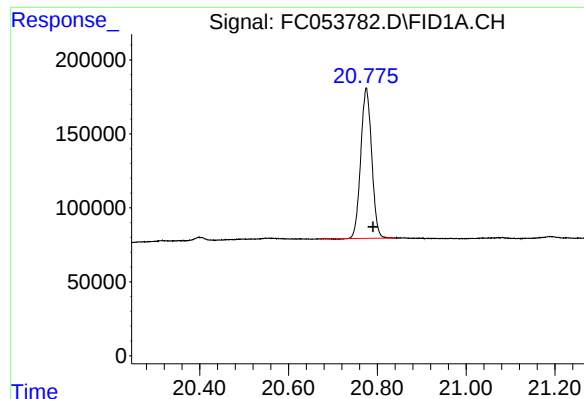
#19 n-Tetratriacontane (C34)

R.T.: 19.306 min
Delta R.T.: -0.012 min
Response: 1881704
Conc: 15.44 ug/ml



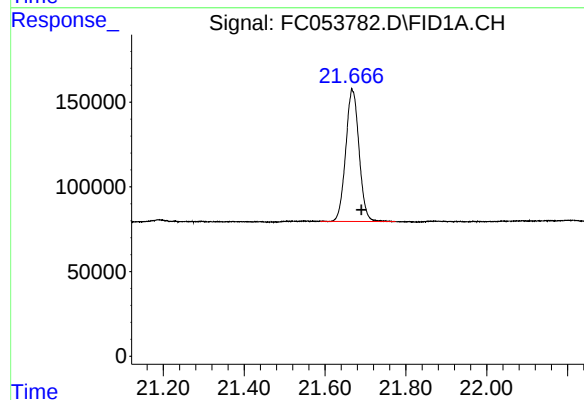
#20 n-Hexatriacontane (C36)

R.T.: 20.046 min
Delta R.T.: -0.014 min
Response: 1826913
Conc: 15.63 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.775 min
Delta R.T.: -0.015 min
Response: 1734690
Conc: 16.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.668 min
Delta R.T.: -0.022 min
Response: 1782477
Conc: 17.89 ug/ml