

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051319AL\
 Data File : FC041154.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2019 12:03
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 14 00:50:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042219.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 22 15:26:11 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)	11.030	2163672	20.769 ug/ml
Spiked Amount 50.000		Recovery =	41.54%
12) S 1-chlorooctadecane (S...	12.459	1710743	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T n-Nonane (C9)	2.862	1797991	19.927 ug/ml
2) T n-Decane (C10)	3.882	1834620	19.977 ug/ml
3) T A~Naphthalene (C11.7)	5.460	2153730	20.726 ug/ml
4) T n-Dodecane (C12)	5.876	1857507	20.037 ug/ml
5) T A~2-methylnaphthalene...	6.509	2174158	20.729 ug/ml
6) T n-Tetradecane (C14)	7.667	1889490	19.849 ug/ml
7) T n-Hexadecane (C16)	9.265	1893436	19.664 ug/ml
8) T n-Octadecane (C18)	10.705	1930327	19.865 ug/ml
10) T n-Eicosane (C20)	12.013	1974205	20.601 ug/ml
11) T n-Heneicosane (C21)	12.624	1967891	21.032 ug/ml
13) T n-Docosane (C22)	13.209	1971521	21.307 ug/ml
14) T n-Tetracosane (C24)	14.312	1987752	21.815 ug/ml
15) T n-Hexacosane (C26)	15.332	1979250	22.051 ug/ml
16) T n-Octacosane (C28)	16.281	1978723	21.115 ug/ml
17) T n-Tricontane (C30)	17.167	1931412	18.070 ug/ml
18) T n-Dotriacontane (C32)	17.999	1837943	18.618 ug/ml
19) T n-Tetratriacontane (C34)	18.817	1563171	20.531 ug/ml
20) T n-Hexatriacontane (C36)	19.845	1416870	21.256 ug/ml
21) T n-Octatriacontane (C38)	21.236	1208905	18.869 ug/ml
22) T n-Tetracontane (C40)	23.169	1095519	17.386 ug/ml

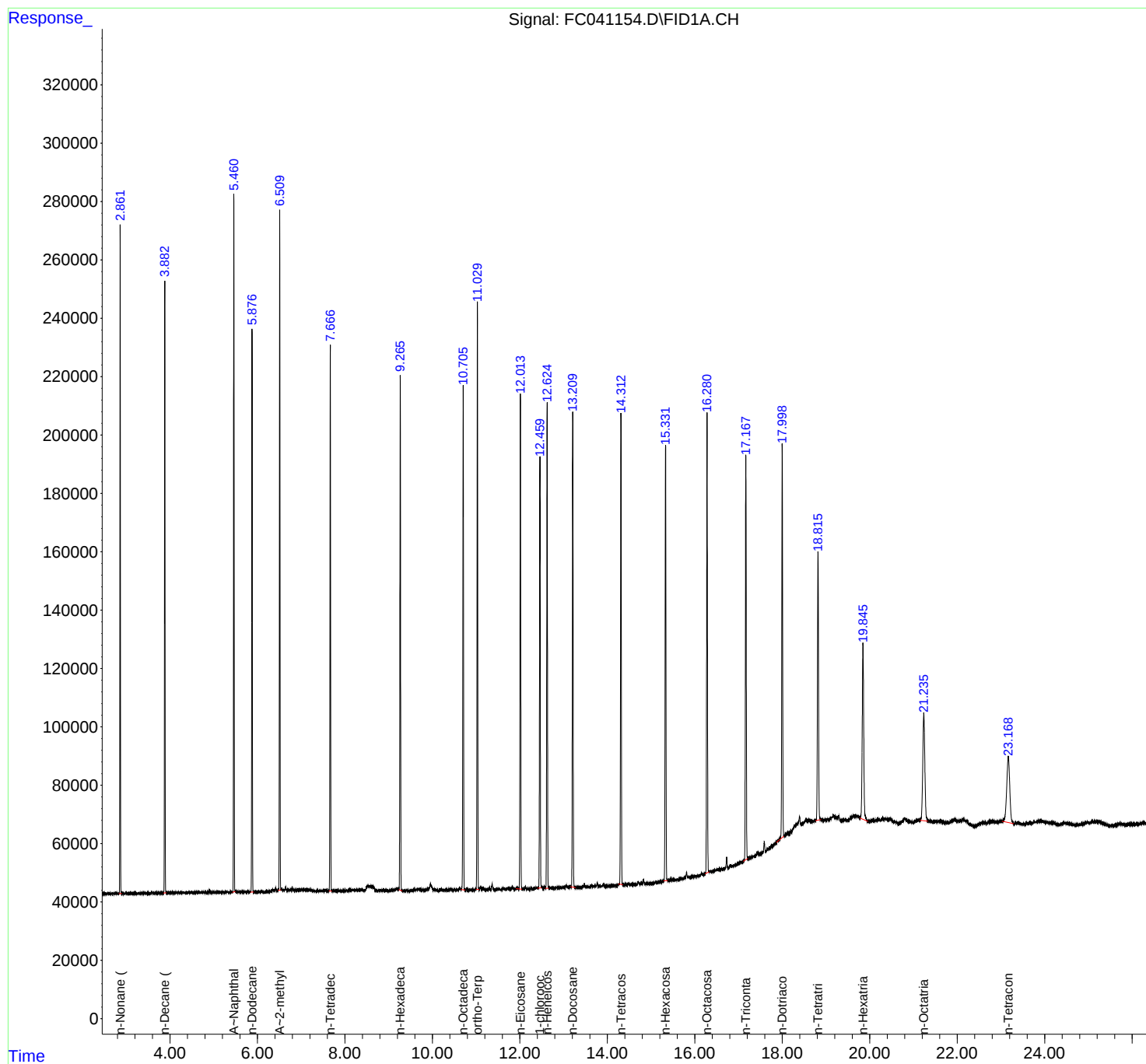
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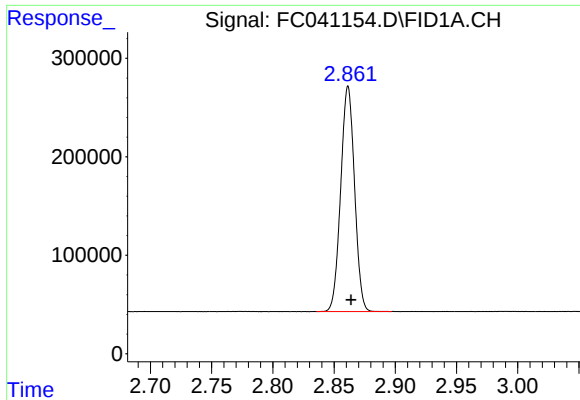
(m)=manual int.

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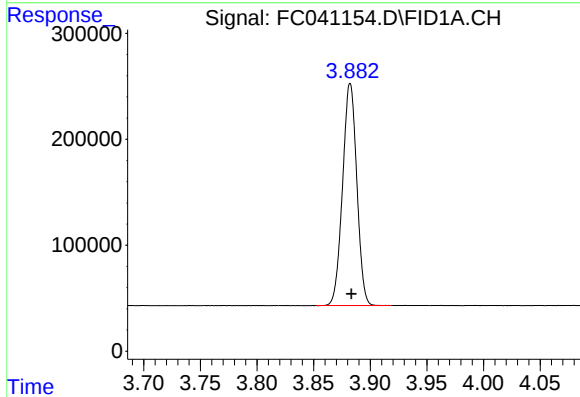
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
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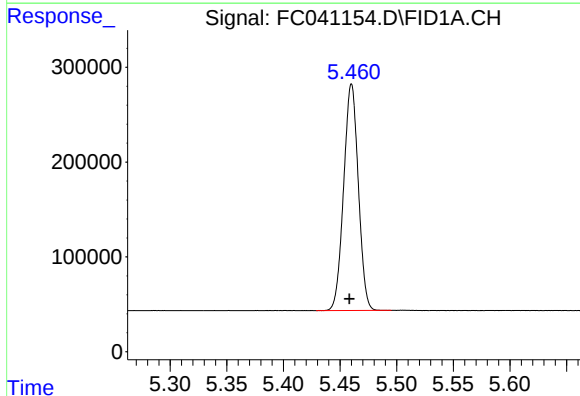
#1 n-Nonane (C9)

R.T.: 2.862 min
Delta R.T.: -0.002 min
Response: 1797991
Conc: 19.93 ug/ml



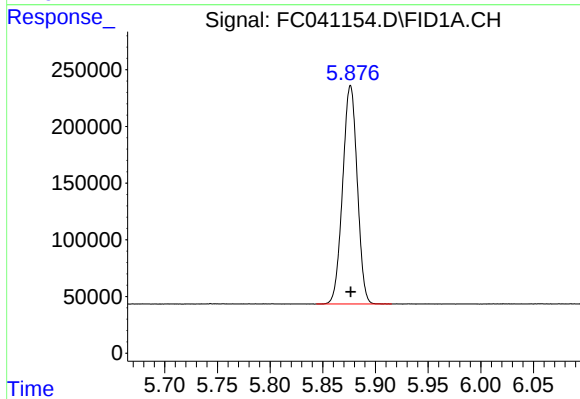
#2 n-Decane (C10)

R.T.: 3.882 min
Delta R.T.: -0.001 min
Response: 1834620
Conc: 19.98 ug/ml



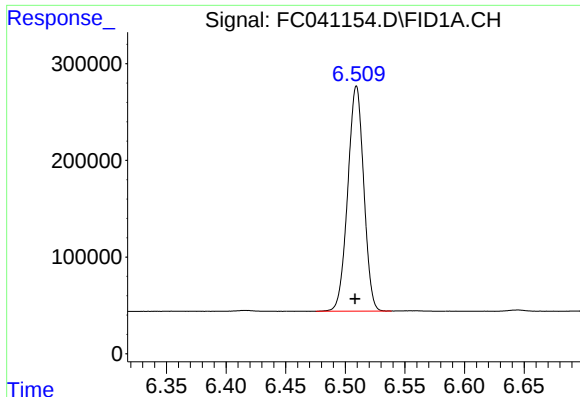
#3 A~Naphthalene (C11.7)

R.T.: 5.460 min
Delta R.T.: 0.002 min
Response: 2153730
Conc: 20.73 ug/ml



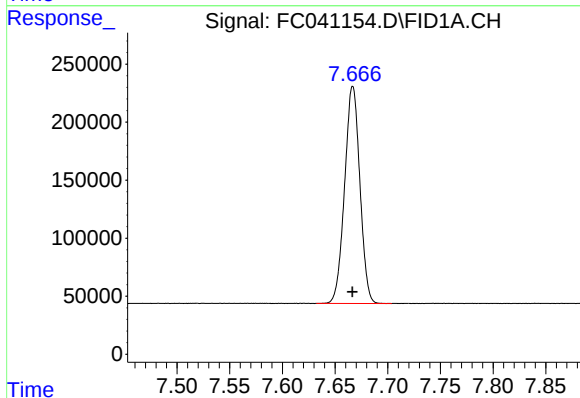
#4 n-Dodecane (C12)

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 1857507
Conc: 20.04 ug/ml



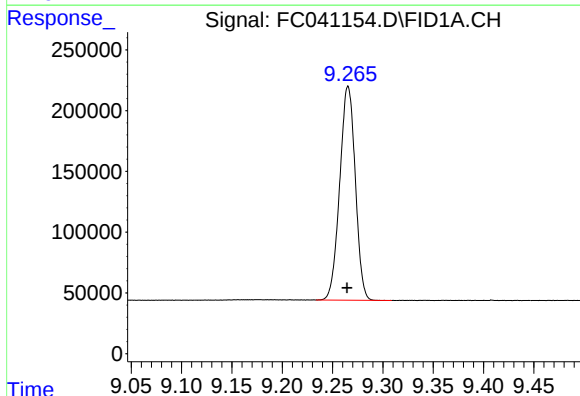
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.509 min
Delta R.T.: 0.001 min
Response: 2174158
Conc: 20.73 ug/ml



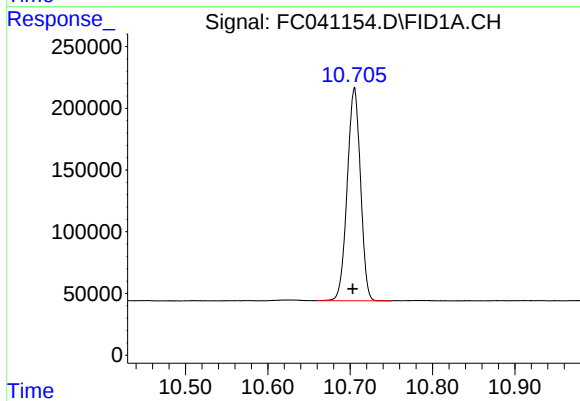
#6 n-Tetradecane (C14)

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 1889490
Conc: 19.85 ug/ml



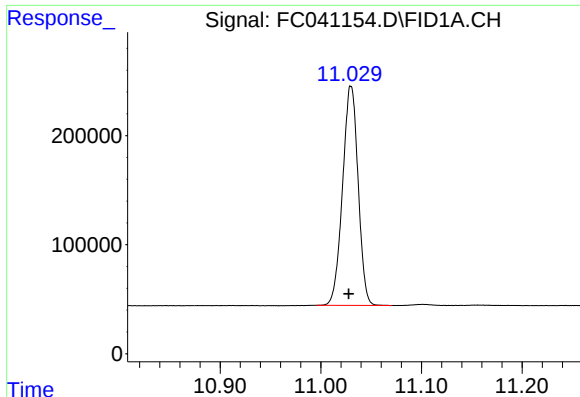
#7 n-Hexadecane (C16)

R.T.: 9.265 min
Delta R.T.: 0.001 min
Response: 1893436
Conc: 19.66 ug/ml



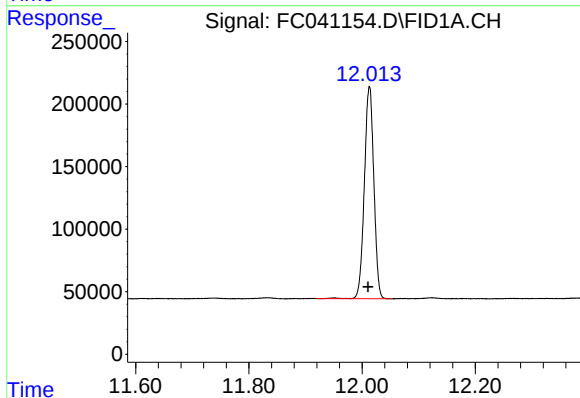
#8 n-Octadecane (C18)

R.T.: 10.705 min
Delta R.T.: 0.002 min
Response: 1930327
Conc: 19.86 ug/ml



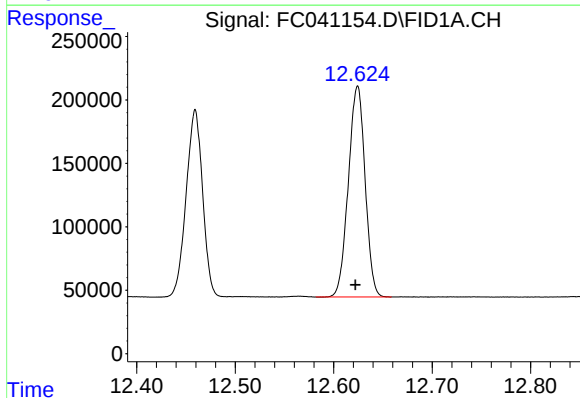
#9 ortho-Terphenyl (SURR)

R.T.: 11.030 min
Delta R.T.: 0.002 min
Response: 2163672
Conc: 20.77 ug/ml



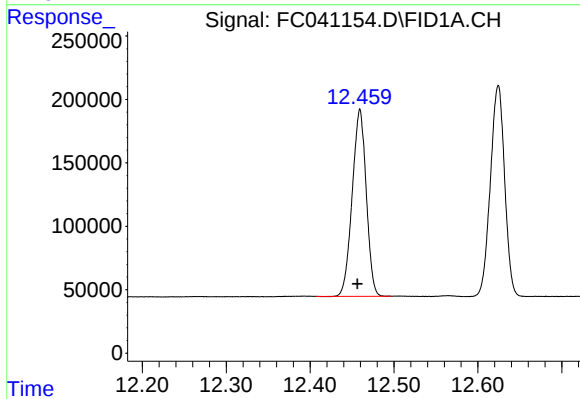
#10 n-Eicosane (C20)

R.T.: 12.013 min
Delta R.T.: 0.002 min
Response: 1974205
Conc: 20.60 ug/ml



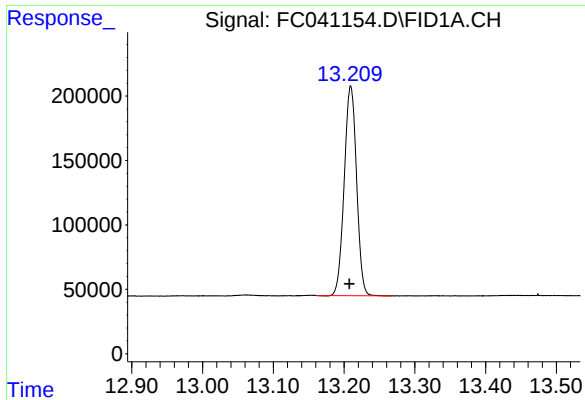
#11 n-Heneicosane (C21)

R.T.: 12.624 min
Delta R.T.: 0.002 min
Response: 1967891
Conc: 21.03 ug/ml



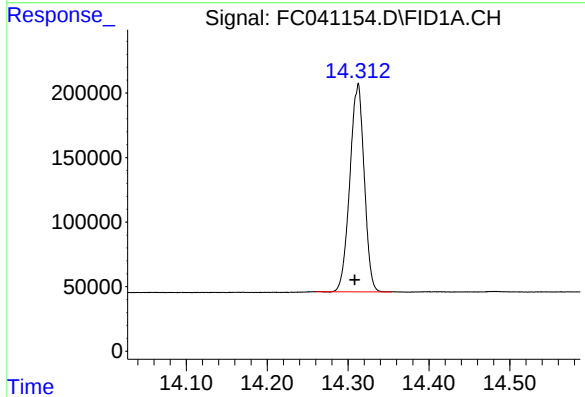
#12 1-chlorooctadecane (SURR)

R.T.: 12.459 min
Delta R.T.: 0.003 min
Response: 1710743
Conc: 20.65 ug/ml



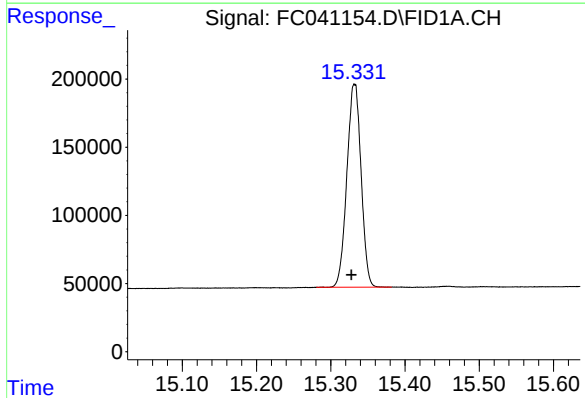
#13 n-Docosane (C22)

R.T.: 13.209 min
Delta R.T.: 0.002 min
Response: 1971521
Conc: 21.31 ug/ml



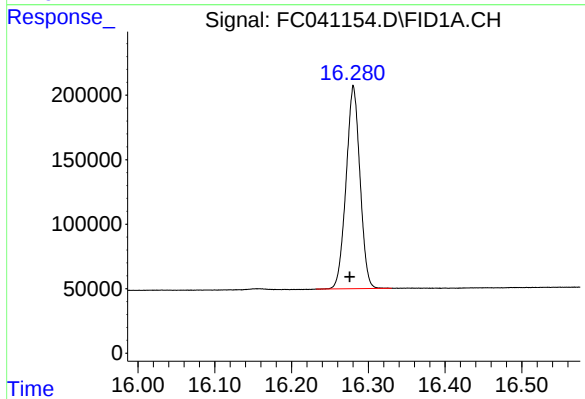
#14 n-Tetracosane (C24)

R.T.: 14.312 min
Delta R.T.: 0.004 min
Response: 1987752
Conc: 21.81 ug/ml



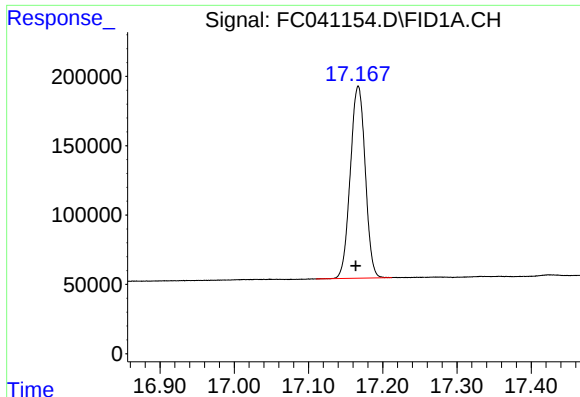
#15 n-Hexacosane (C26)

R.T.: 15.332 min
Delta R.T.: 0.004 min
Response: 1979250
Conc: 22.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.281 min
Delta R.T.: 0.005 min
Response: 1978723
Conc: 21.12 ug/ml



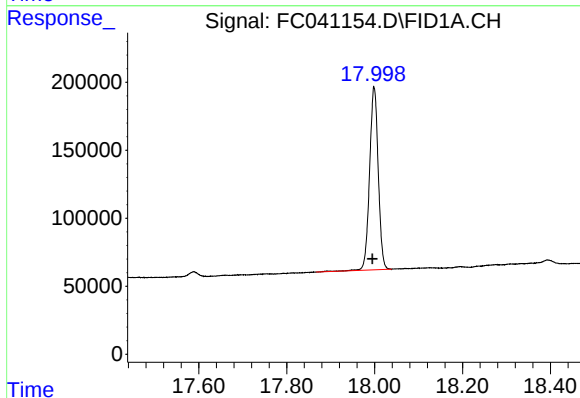
#17 n-Tricontane (C30)

R.T.: 17.167 min

Delta R.T.: 0.004 min

Response: 1931412

Conc: 18.07 ug/ml



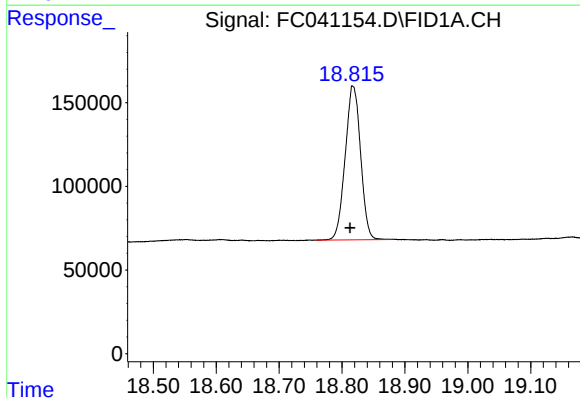
#18 n-Dotriacontane (C32)

R.T.: 17.999 min

Delta R.T.: 0.004 min

Response: 1837943

Conc: 18.62 ug/ml



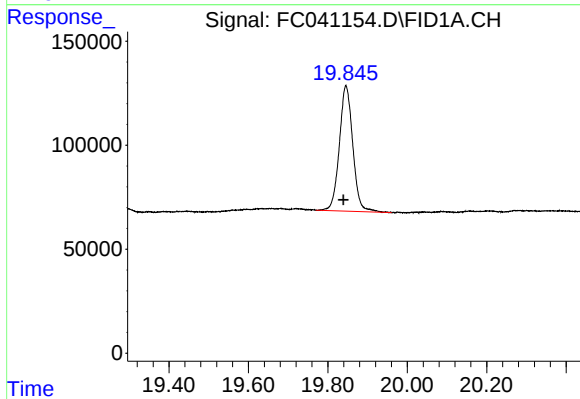
#19 n-Tetratriacontane (C34)

R.T.: 18.817 min

Delta R.T.: 0.004 min

Response: 1563171

Conc: 20.53 ug/ml



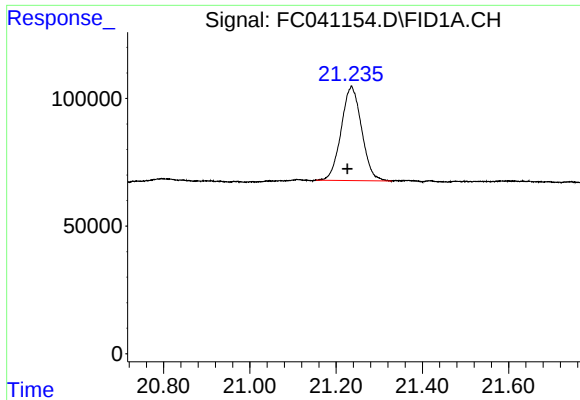
#20 n-Hexatriacontane (C36)

R.T.: 19.845 min

Delta R.T.: 0.006 min

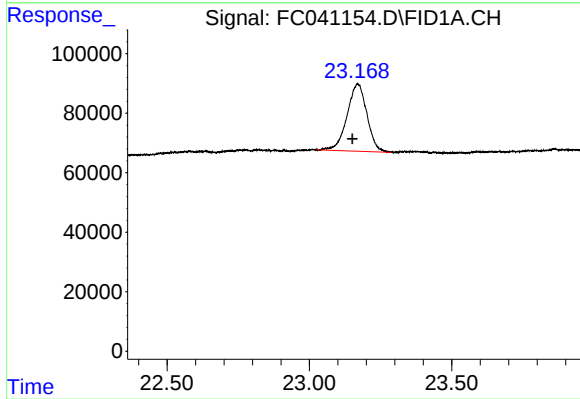
Response: 1416870

Conc: 21.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.236 min
Delta R.T.: 0.010 min
Response: 1208905
Conc: 18.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.169 min
Delta R.T.: 0.018 min
Response: 1095519
Conc: 17.39 ug/ml