

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040419AL\
 Data File : FC040346.D
 Signal(s) : FID1A.CH
 Acq On : 05 Apr 2019 6:53
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 05 08:19:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 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)	11.028	2685869	20.857 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
12) S 1-chlorooctadecane (S...	12.457	2055229	20.806 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
Target Compounds			
1) T n-Nonane (C9)	2.859	1627147	19.715 ug/ml
2) T n-Decane (C10)	3.881	1745722	20.626 ug/ml
3) T A~Naphthalene (C11.7)	5.456	2192044	22.467 ug/ml
4) T n-Dodecane (C12)	5.877	1894421	21.932 ug/ml
5) T A~2-methylnaphthalene...	6.506	2263547	22.781 ug/ml
6) T n-Tetradecane (C14)	7.667	2031837	22.293 ug/ml
7) T n-Hexadecane (C16)	9.264	2086413	21.707 ug/ml
8) T n-Octadecane (C18)	10.704	2086559	20.801 ug/ml
10) T n-Eicosane (C20)	12.012	2086182	20.499 ug/ml
11) T n-Heneicosane (C21)	12.623	2069602	20.523 ug/ml
13) T n-Docosane (C22)	13.208	2086237	20.755 ug/ml
14) T n-Tetracosane (C24)	14.310	2074609	20.837 ug/ml
15) T n-Hexacosane (C26)	15.330	2101338	21.463 ug/ml
16) T n-Octacosane (C28)	16.279	2143979	21.855 ug/ml
17) T n-Tricontane (C30)	17.166	2151100	21.984 ug/ml
18) T n-Dotriacontane (C32)	18.000	2080786	21.500 ug/ml
19) T n-Tetratriacontane (C34)	18.817	1818872	21.697 ug/ml
20) T n-Hexatriacontane (C36)	19.844	1608309	21.844 ug/ml
21) T n-Octatriacontane (C38)	21.230	1500018	21.708 ug/ml
22) T n-Tetracontane (C40)	23.157	1460692	21.549 ug/ml

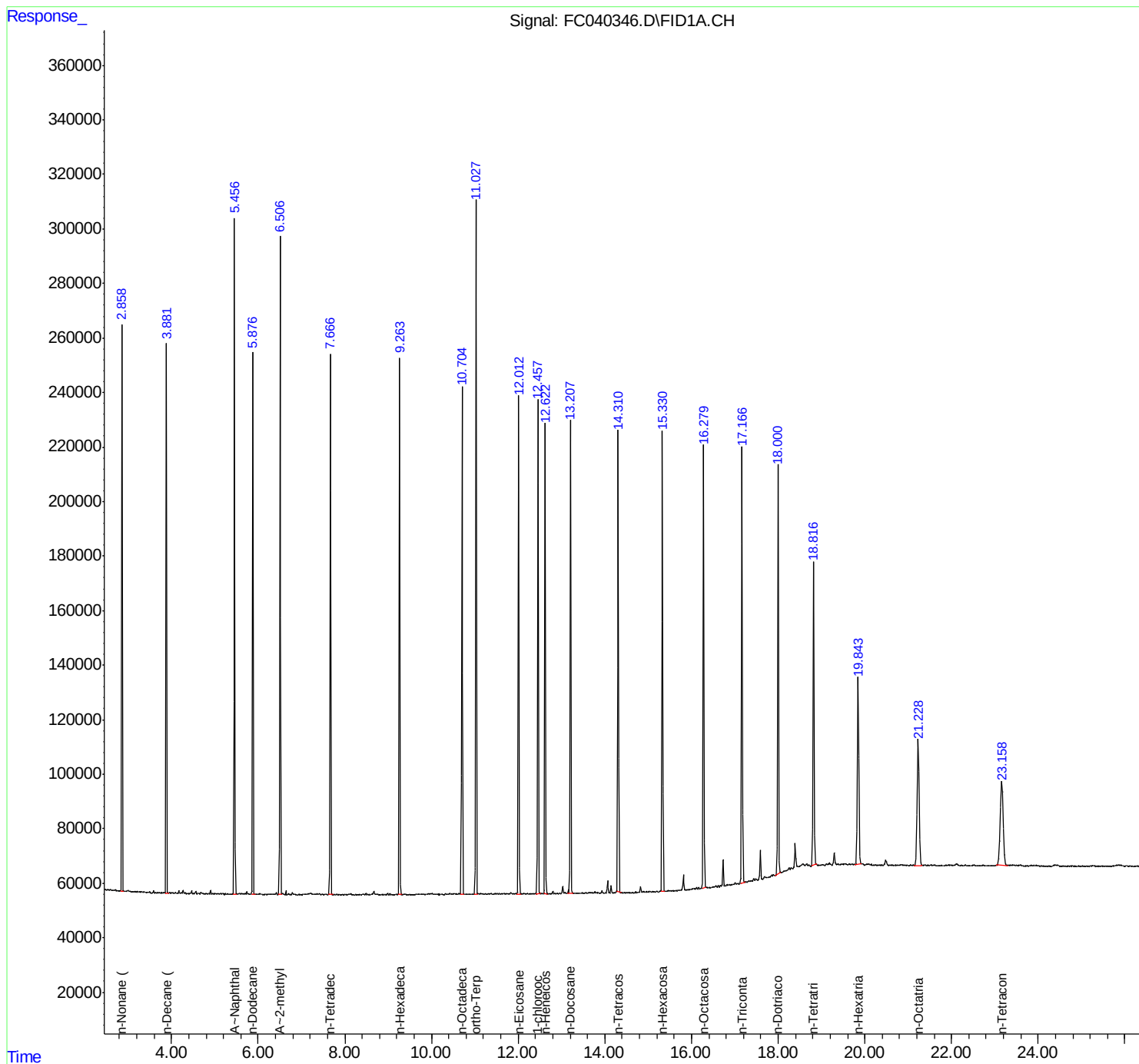
(f)=RT Delta > 1/2 Window

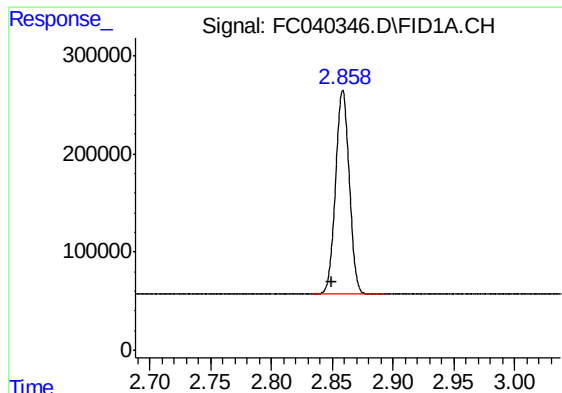
(m)=manual int.

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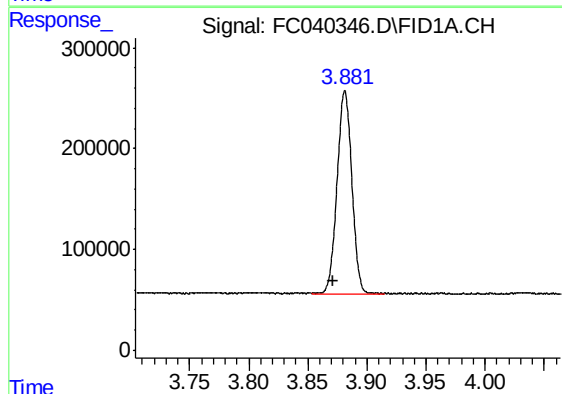
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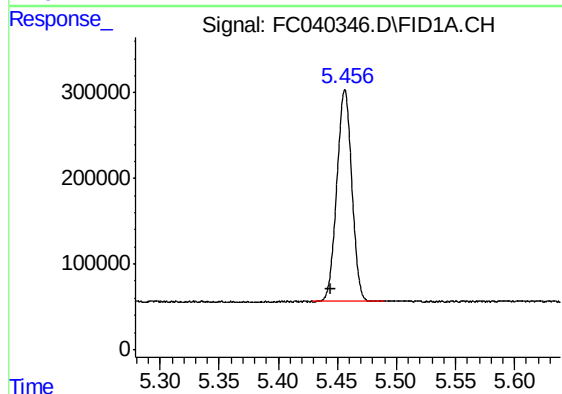
#1 n-Nonane (C9)

R.T.: 2.859 min
Delta R.T.: 0.009 min
Response: 1627147
Conc: 19.72 ug/ml



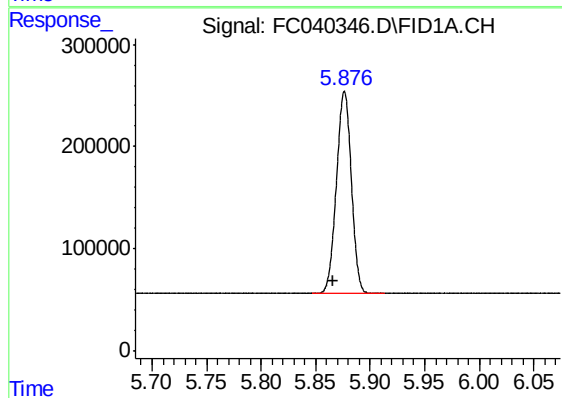
#2 n-Decane (C10)

R.T.: 3.881 min
Delta R.T.: 0.010 min
Response: 1745722
Conc: 20.63 ug/ml



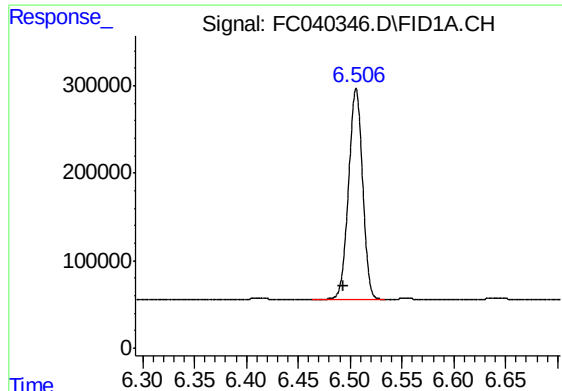
#3 A~Naphthalene (C11.7)

R.T.: 5.456 min
Delta R.T.: 0.012 min
Response: 2192044
Conc: 22.47 ug/ml



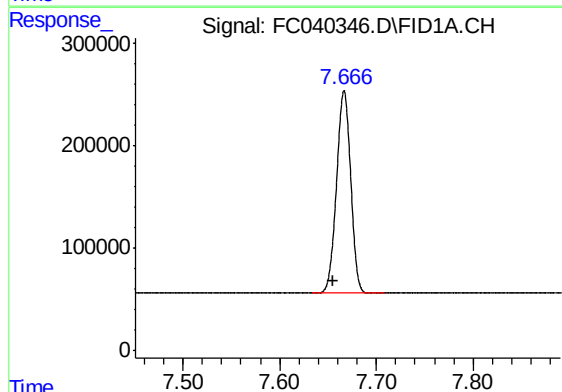
#4 n-Dodecane (C12)

R.T.: 5.877 min
Delta R.T.: 0.010 min
Response: 1894421
Conc: 21.93 ug/ml



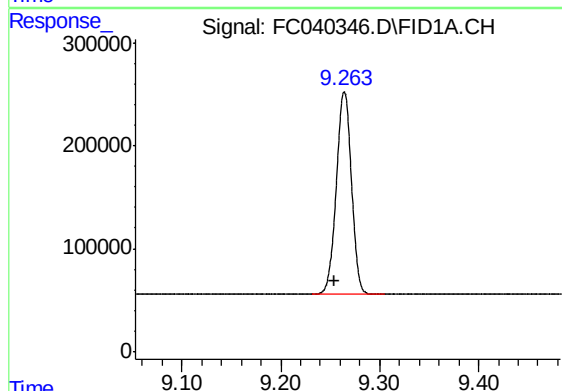
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.506 min
Delta R.T.: 0.013 min
Response: 2263547
Conc: 22.78 ug/ml



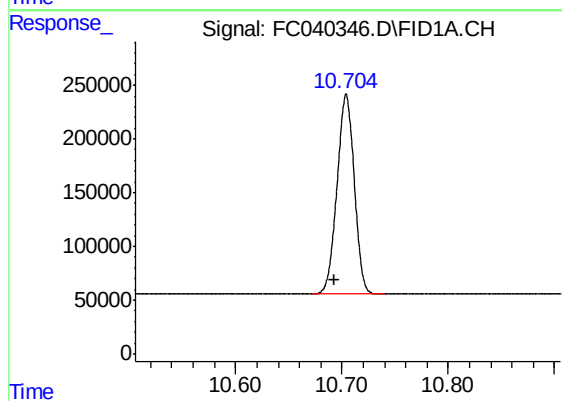
#6 n-Tetradecane (C14)

R.T.: 7.667 min
Delta R.T.: 0.011 min
Response: 2031837
Conc: 22.29 ug/ml



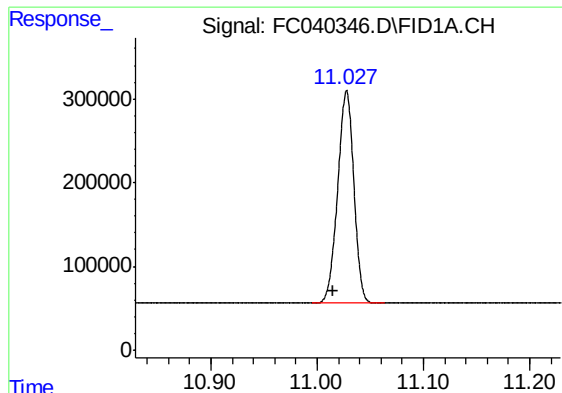
#7 n-Hexadecane (C16)

R.T.: 9.264 min
Delta R.T.: 0.011 min
Response: 2086413
Conc: 21.71 ug/ml



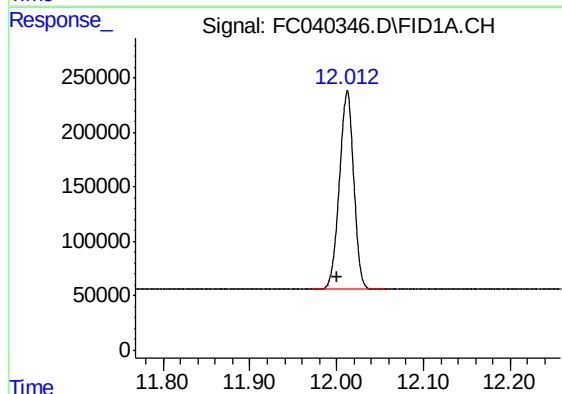
#8 n-Octadecane (C18)

R.T.: 10.704 min
Delta R.T.: 0.011 min
Response: 2086559
Conc: 20.80 ug/ml



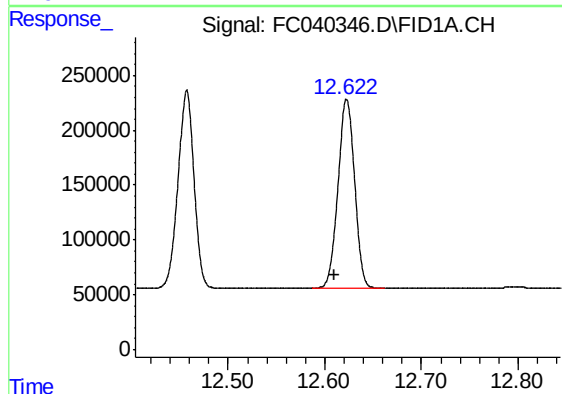
#9 ortho-Terphenyl (SURR)

R.T.: 11.028 min
Delta R.T.: 0.012 min
Response: 2685869
Conc: 20.86 ug/ml



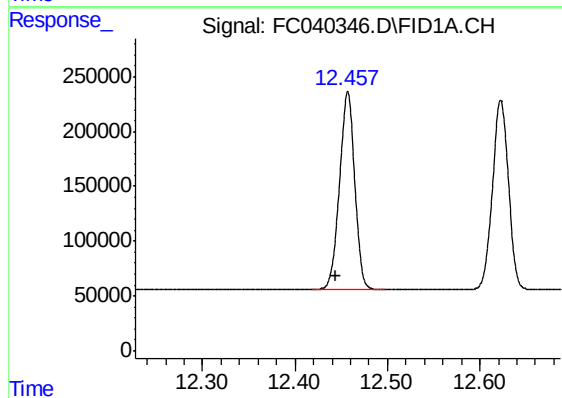
#10 n-Eicosane (C20)

R.T.: 12.012 min
Delta R.T.: 0.012 min
Response: 2086182
Conc: 20.50 ug/ml



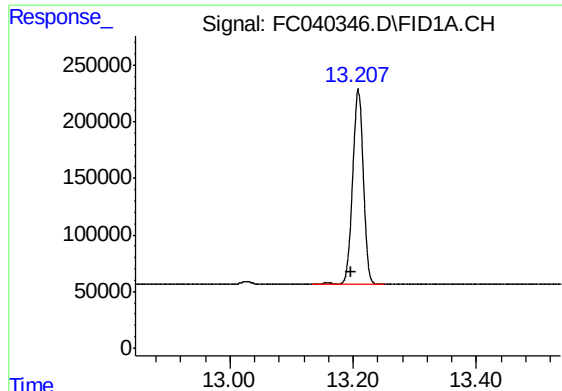
#11 n-Heneicosane (C21)

R.T.: 12.623 min
Delta R.T.: 0.012 min
Response: 2069602
Conc: 20.52 ug/ml



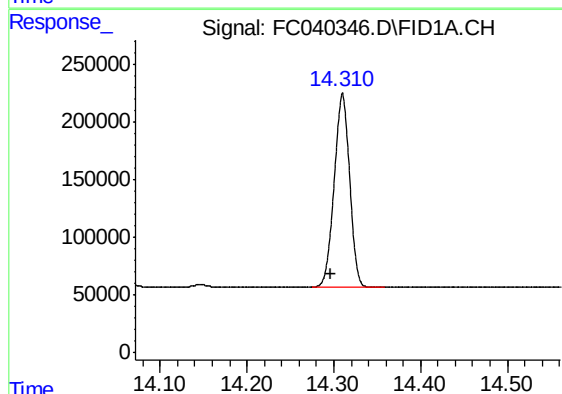
#12 1-chlorooctadecane (SURR)

R.T.: 12.457 min
Delta R.T.: 0.013 min
Response: 2055229
Conc: 20.81 ug/ml



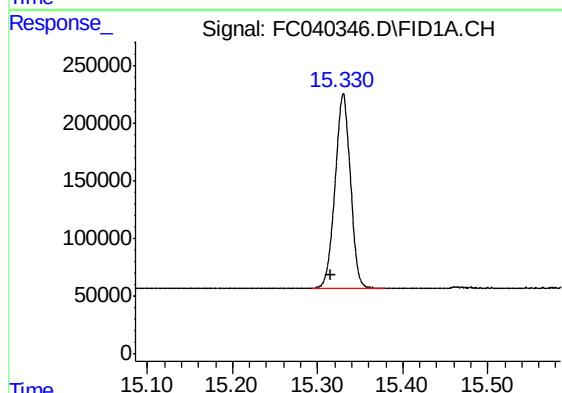
#13 n-Docosane (C22)

R.T.: 13.208 min
Delta R.T.: 0.012 min
Response: 2086237
Conc: 20.75 ug/ml



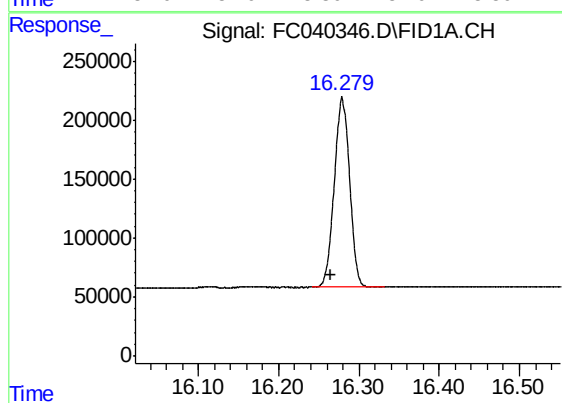
#14 n-Tetracosane (C24)

R.T.: 14.310 min
Delta R.T.: 0.014 min
Response: 2074609
Conc: 20.84 ug/ml



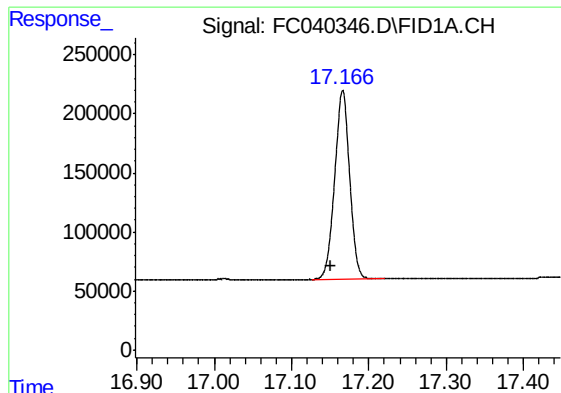
#15 n-Hexacosane (C26)

R.T.: 15.330 min
Delta R.T.: 0.014 min
Response: 2101338
Conc: 21.46 ug/ml



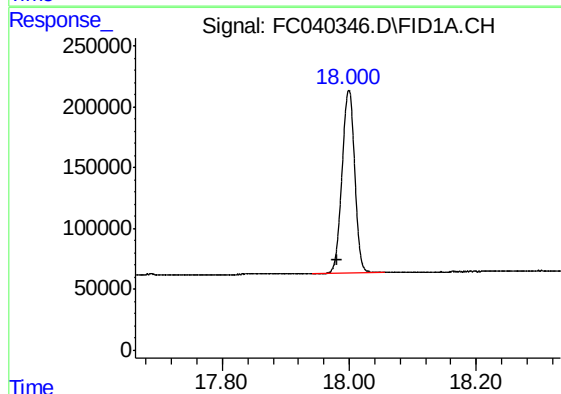
#16 n-Octacosane (C28)

R.T.: 16.279 min
Delta R.T.: 0.015 min
Response: 2143979
Conc: 21.86 ug/ml



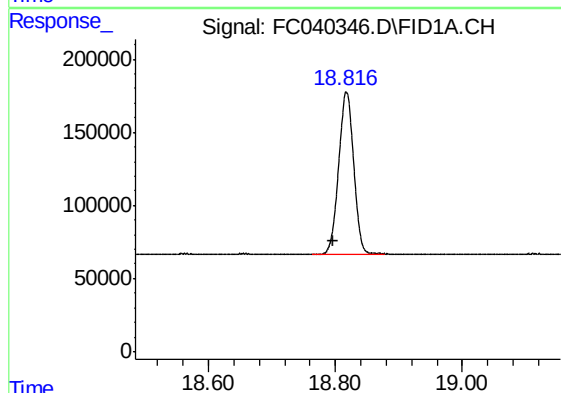
#17 n-Tricontane (C30)

R.T.: 17.166 min
Delta R.T.: 0.016 min
Response: 2151100
Conc: 21.98 ug/ml



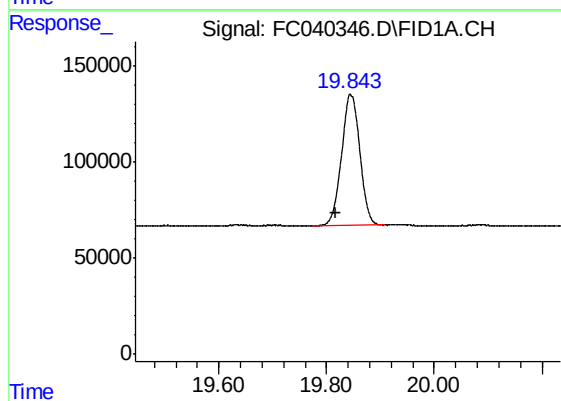
#18 n-Dotriacontane (C32)

R.T.: 18.000 min
Delta R.T.: 0.020 min
Response: 2080786
Conc: 21.50 ug/ml



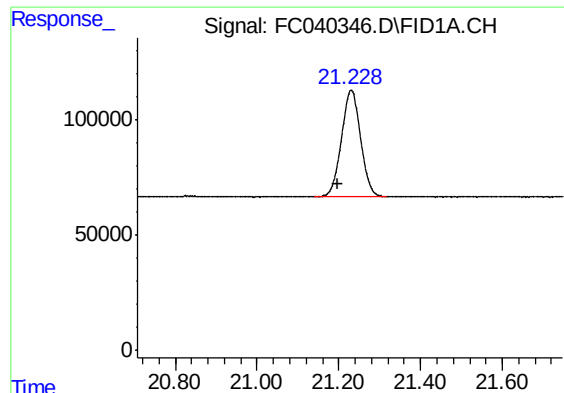
#19 n-Tetatriacontane (C34)

R.T.: 18.817 min
Delta R.T.: 0.022 min
Response: 1818872
Conc: 21.70 ug/ml



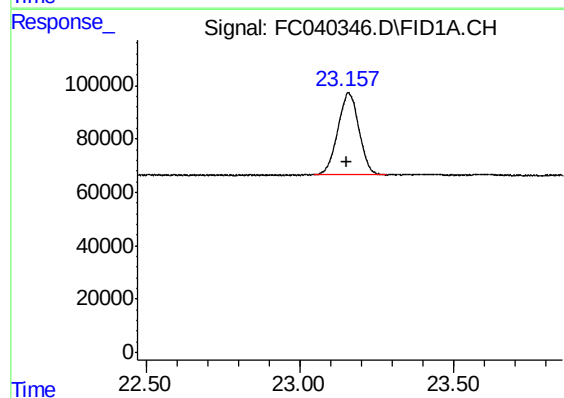
#20 n-Hexatriacontane (C36)

R.T.: 19.844 min
Delta R.T.: 0.026 min
Response: 1608309
Conc: 21.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.230 min
Delta R.T.: 0.033 min
Response: 1500018
Conc: 21.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.157 min
Delta R.T.: 0.007 min
Response: 1460692
Conc: 21.55 ug/ml