

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040919AL\
 Data File : FC040468.D
 Signal(s) : FID1A.CH
 Acq On : 10 Apr 2019 9:30
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 10 10:02:49 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)	11.026	2617809	20.328 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	12.455	1991356	20.160 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T n-Nonane (C9)	2.860	1707265	20.686 ug/ml
2) T n-Decane (C10)	3.882	1779705	21.028 ug/ml
3) T A~Naphthalene (C11.7)	5.455	2157329	22.111 ug/ml
4) T n-Dodecane (C12)	5.875	1864873	21.590 ug/ml
5) T A~2-methylnaphthalene...	6.505	2208738	22.229 ug/ml
6) T n-Tetradecane (C14)	7.666	1960464	21.510 ug/ml
7) T n-Hexadecane (C16)	9.263	2006641	20.877 ug/ml
8) T n-Octadecane (C18)	10.703	2015499	20.092 ug/ml
10) T n-Eicosane (C20)	12.011	2020519	19.854 ug/ml
11) T n-Heneicosane (C21)	12.621	2007047	19.903 ug/ml
13) T n-Docosane (C22)	13.207	2004356	19.940 ug/ml
14) T n-Tetracosane (C24)	14.308	2010049	20.189 ug/ml
15) T n-Hexacosane (C26)	15.327	2011239	20.543 ug/ml
16) T n-Octacosane (C28)	16.277	2034146	20.736 ug/ml
17) T n-Tricontane (C30)	17.162	2035332	20.800 ug/ml
18) T n-Dotriacontane (C32)	17.995	1967330	20.328 ug/ml
19) T n-Tetratriacontane (C34)	18.811	1727161	20.603 ug/ml
20) T n-Hexatriacontane (C36)	19.838	1526295	20.730 ug/ml
21) T n-Octatriacontane (C38)	21.224	1420710	20.560 ug/ml
22) T n-Tetracontane (C40)	23.147	1380494	20.365 ug/ml

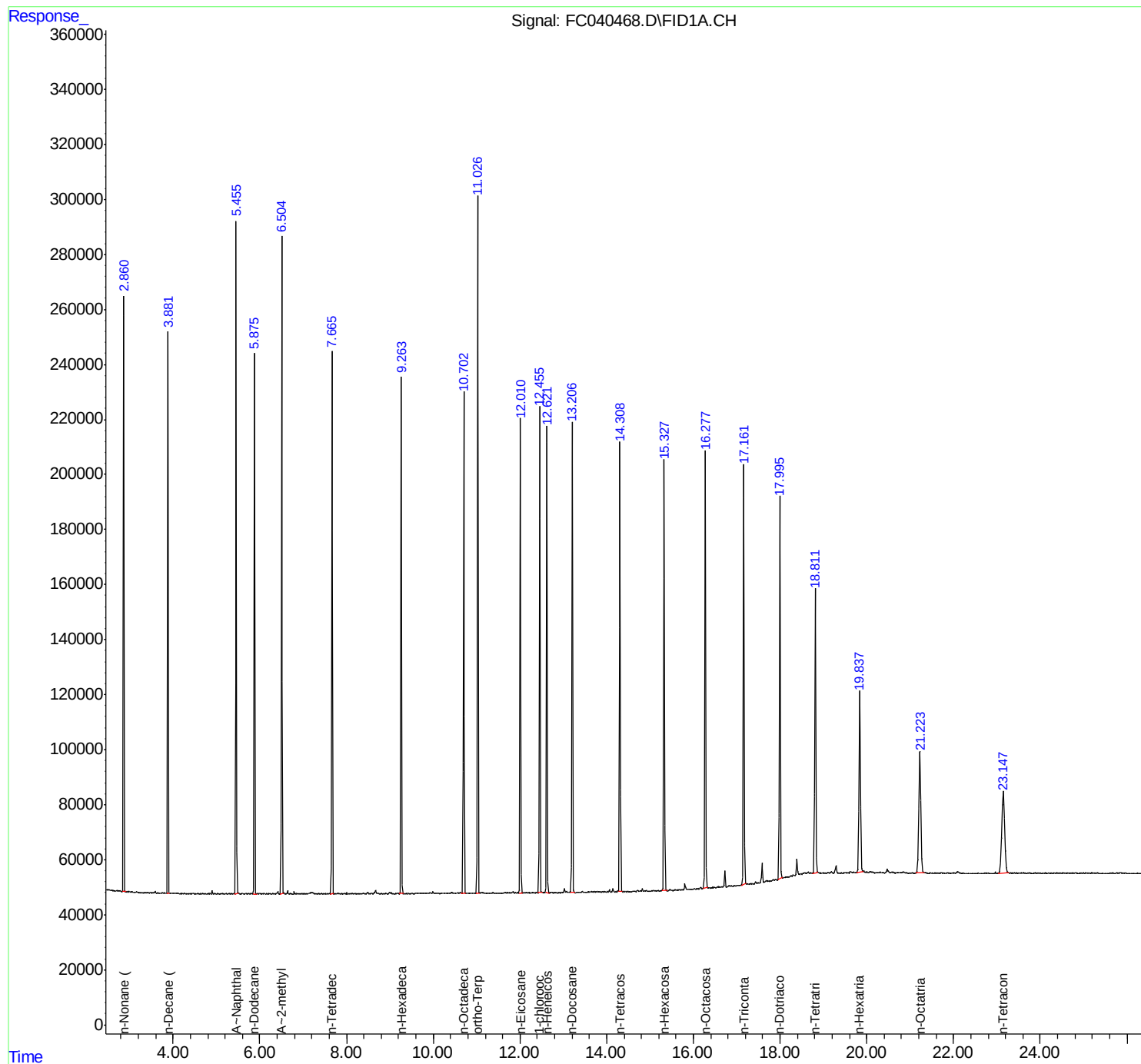
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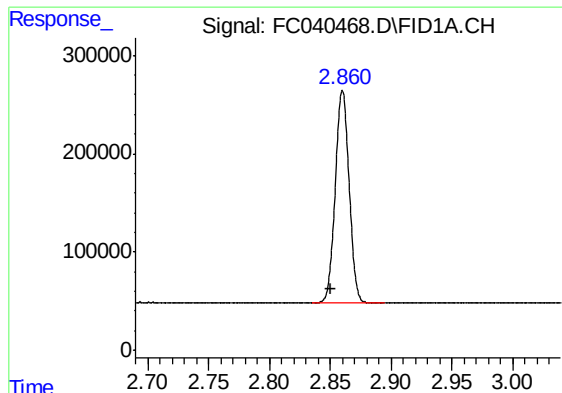
(m)=manual int.

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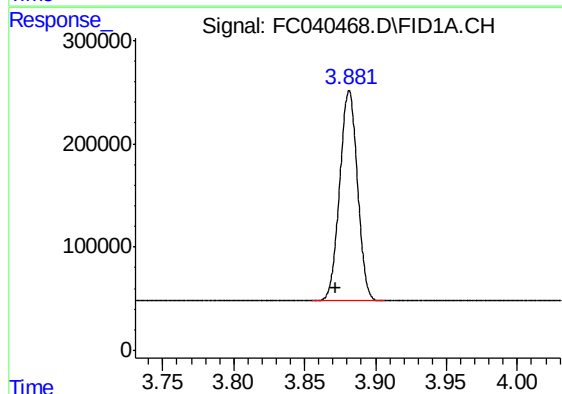
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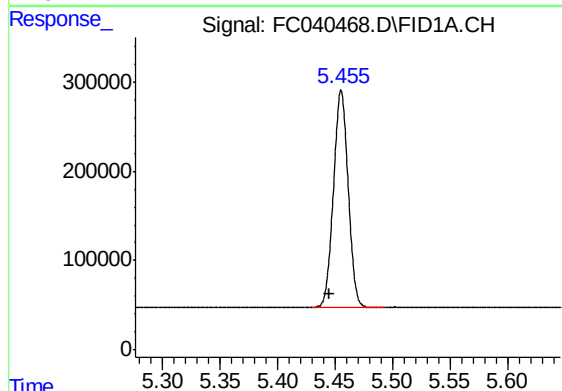
#1 n-Nonane (C9)

R.T.: 2.860 min
Delta R.T.: 0.010 min
Response: 1707265
Conc: 20.69 ug/ml



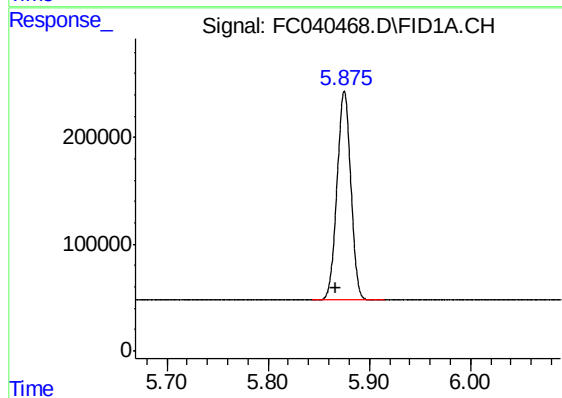
#2 n-Decane (C10)

R.T.: 3.882 min
Delta R.T.: 0.010 min
Response: 1779705
Conc: 21.03 ug/ml



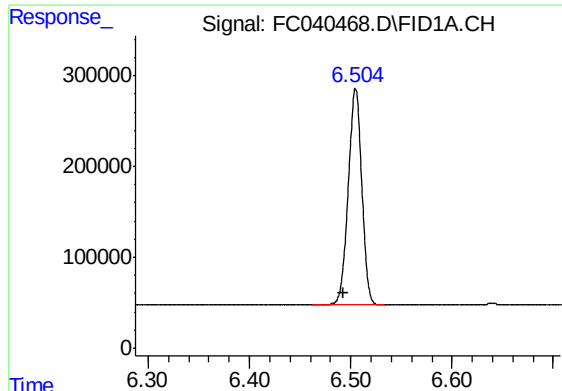
#3 A~Naphthalene (C11.7)

R.T.: 5.455 min
Delta R.T.: 0.011 min
Response: 2157329
Conc: 22.11 ug/ml



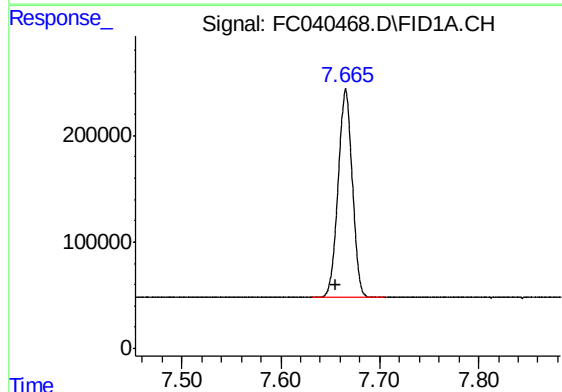
#4 n-Dodecane (C12)

R.T.: 5.875 min
Delta R.T.: 0.009 min
Response: 1864873
Conc: 21.59 ug/ml



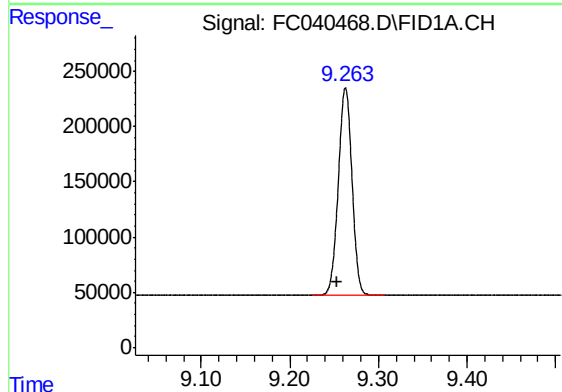
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.505 min
Delta R.T.: 0.012 min
Response: 2208738
Conc: 22.23 ug/ml



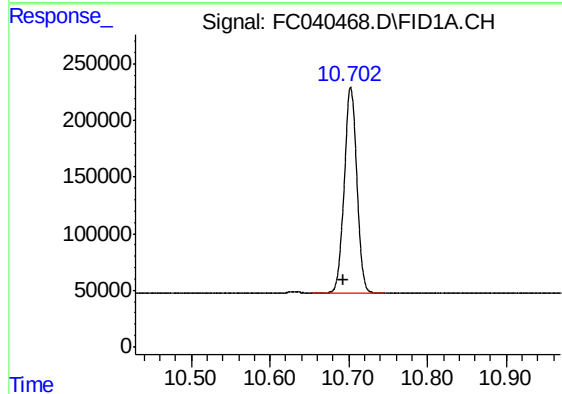
#6 n-Tetradecane (C14)

R.T.: 7.666 min
Delta R.T.: 0.010 min
Response: 1960464
Conc: 21.51 ug/ml



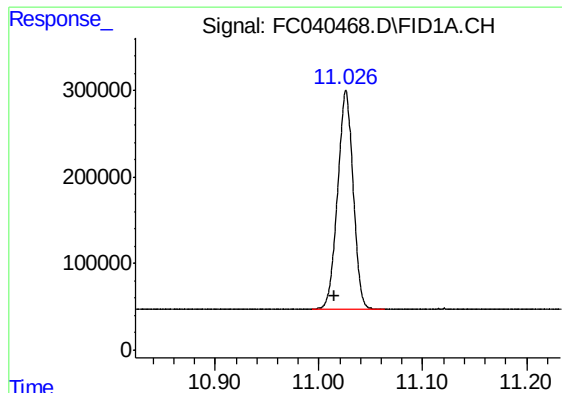
#7 n-Hexadecane (C16)

R.T.: 9.263 min
Delta R.T.: 0.009 min
Response: 2006641
Conc: 20.88 ug/ml



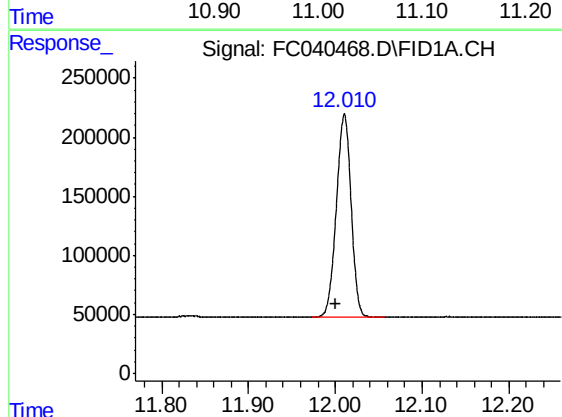
#8 n-Octadecane (C18)

R.T.: 10.703 min
Delta R.T.: 0.010 min
Response: 2015499
Conc: 20.09 ug/ml



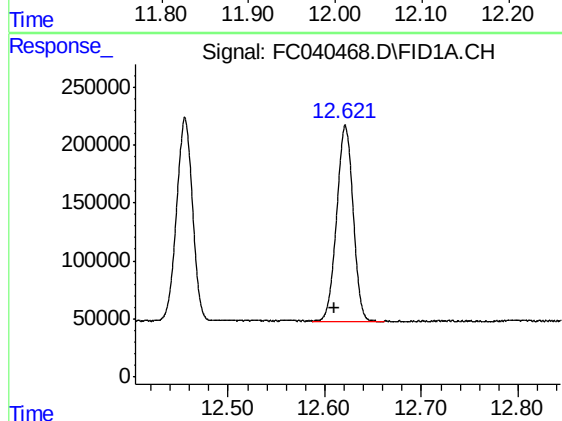
#9 ortho-Terphenyl (SURR)

R.T.: 11.026 min
Delta R.T.: 0.011 min
Response: 2617809
Conc: 20.33 ug/ml



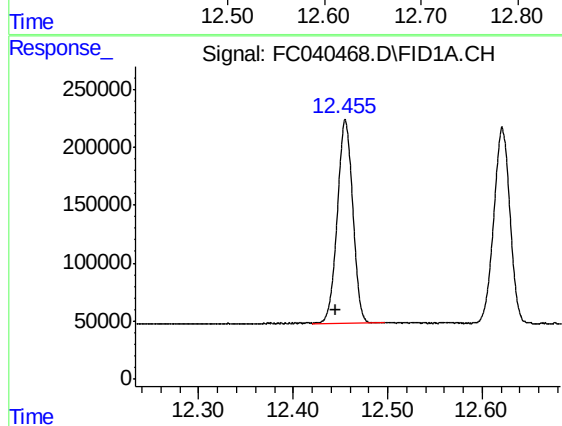
#10 n-Eicosane (C20)

R.T.: 12.011 min
Delta R.T.: 0.011 min
Response: 2020519
Conc: 19.85 ug/ml



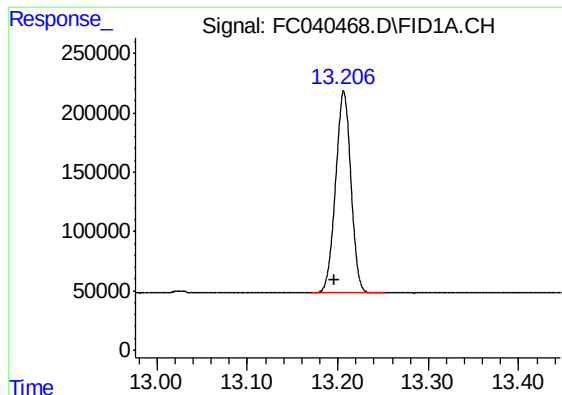
#11 n-Heneicosane (C21)

R.T.: 12.621 min
Delta R.T.: 0.011 min
Response: 2007047
Conc: 19.90 ug/ml



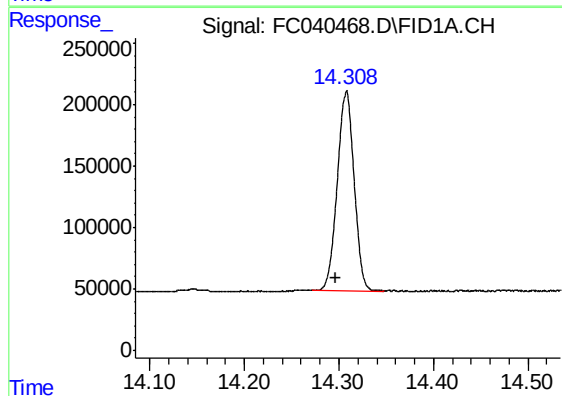
#12 1-chlorooctadecane (SURR)

R.T.: 12.455 min
Delta R.T.: 0.011 min
Response: 1991356
Conc: 20.16 ug/ml



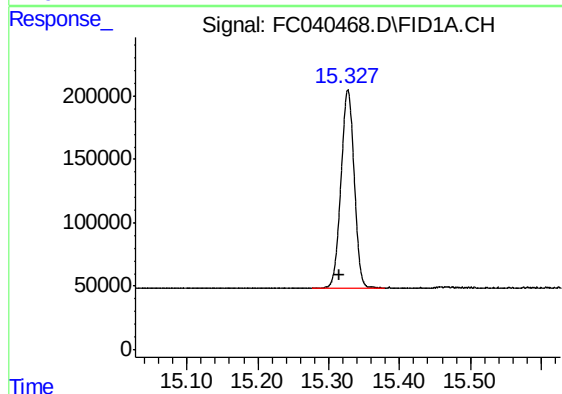
#13 n-Docosane (C22)

R.T.: 13.207 min
Delta R.T.: 0.011 min
Response: 2004356
Conc: 19.94 ug/ml



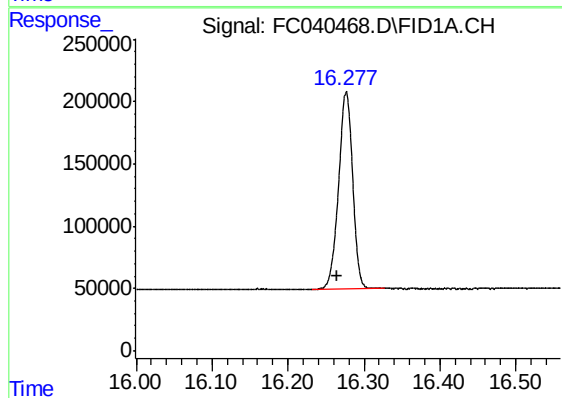
#14 n-Tetracosane (C24)

R.T.: 14.308 min
Delta R.T.: 0.012 min
Response: 2010049
Conc: 20.19 ug/ml



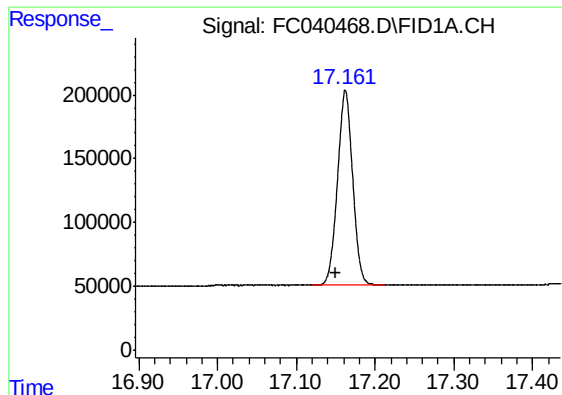
#15 n-Hexacosane (C26)

R.T.: 15.327 min
Delta R.T.: 0.011 min
Response: 2011239
Conc: 20.54 ug/ml



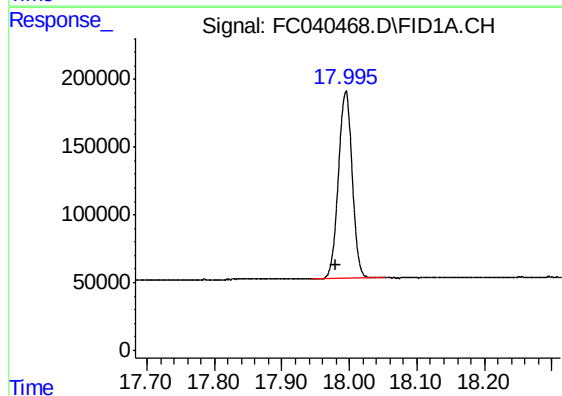
#16 n-Octacosane (C28)

R.T.: 16.277 min
Delta R.T.: 0.013 min
Response: 2034146
Conc: 20.74 ug/ml



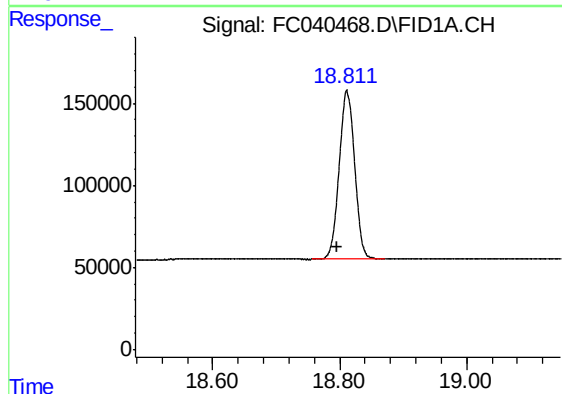
#17 n-Tricontane (C30)

R.T.: 17.162 min
Delta R.T.: 0.012 min
Response: 2035332
Conc: 20.80 ug/ml



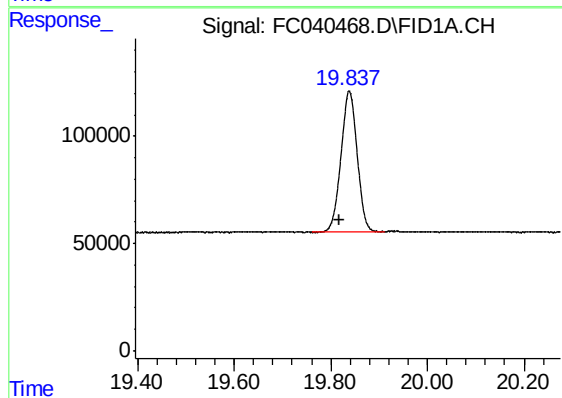
#18 n-Dotriacontane (C32)

R.T.: 17.995 min
Delta R.T.: 0.015 min
Response: 1967330
Conc: 20.33 ug/ml



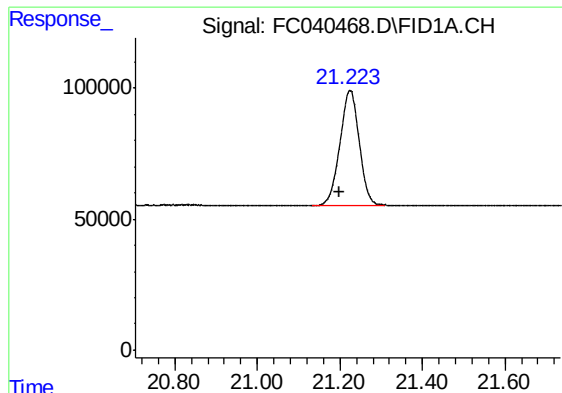
#19 n-Tetratriacontane (C34)

R.T.: 18.811 min
Delta R.T.: 0.015 min
Response: 1727161
Conc: 20.60 ug/ml



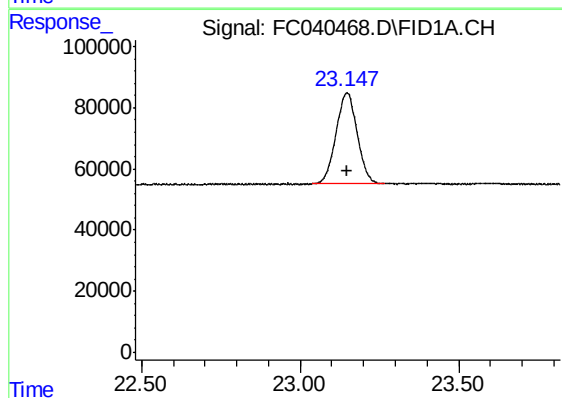
#20 n-Hexatriacontane (C36)

R.T.: 19.838 min
Delta R.T.: 0.021 min
Response: 1526295
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: 0.024 min
Response: 1420710
Conc: 20.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.147 min
Delta R.T.: -0.003 min
Response: 1380494
Conc: 20.37 ug/ml