

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050819AL\
 Data File : FC041104.D
 Signal(s) : FID1A.CH
 Acq On : 09 May 2019 9:31
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 09 10:27:38 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)	11.024	2201892	21.135 ug/ml
Spiked Amount 50.000		Recovery =	42.27%
12) S 1-chlorooctadecane (S...	12.452	1740852	21.010 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
Target Compounds			
1) T n-Nonane (C9)	2.864	1796027	19.905 ug/ml
2) T n-Decane (C10)	3.884	1849756	20.142 ug/ml
3) T A~Naphthalene (C11.7)	5.460	2215683	21.322 ug/ml
4) T n-Dodecane (C12)	5.877	1882409	20.305 ug/ml
5) T A~2-methylnaphthalene...	6.509	2240386	21.361 ug/ml
6) T n-Tetradecane (C14)	7.666	1919876	20.168 ug/ml
7) T n-Hexadecane (C16)	9.262	1928634	20.029 ug/ml
8) T n-Octadecane (C18)	10.701	1938453	19.949 ug/ml
10) T n-Eicosane (C20)	12.007	1974393	20.603 ug/ml
11) T n-Heneicosane (C21)	12.617	1969658	21.051 ug/ml
13) T n-Docosane (C22)	13.203	1988063	21.486 ug/ml
14) T n-Tetracosane (C24)	14.303	2034014	22.323 ug/ml
15) T n-Hexacosane (C26)	15.322	2039238	22.720 ug/ml
16) T n-Octacosane (C28)	16.270	2066386	22.051 ug/ml
17) T n-Tricontane (C30)	17.156	2041440	19.099 ug/ml
18) T n-Dotriacontane (C32)	17.987	1922720	19.477 ug/ml
19) T n-Tetratriacontane (C34)	18.803	1628704	21.391 ug/ml
20) T n-Hexatriacontane (C36)	19.826	1417433	21.265 ug/ml
21) T n-Octatriacontane (C38)	21.211	1256415	19.611 ug/ml
22) T n-Tetracontane (C40)	23.136	1072335	17.019 ug/ml

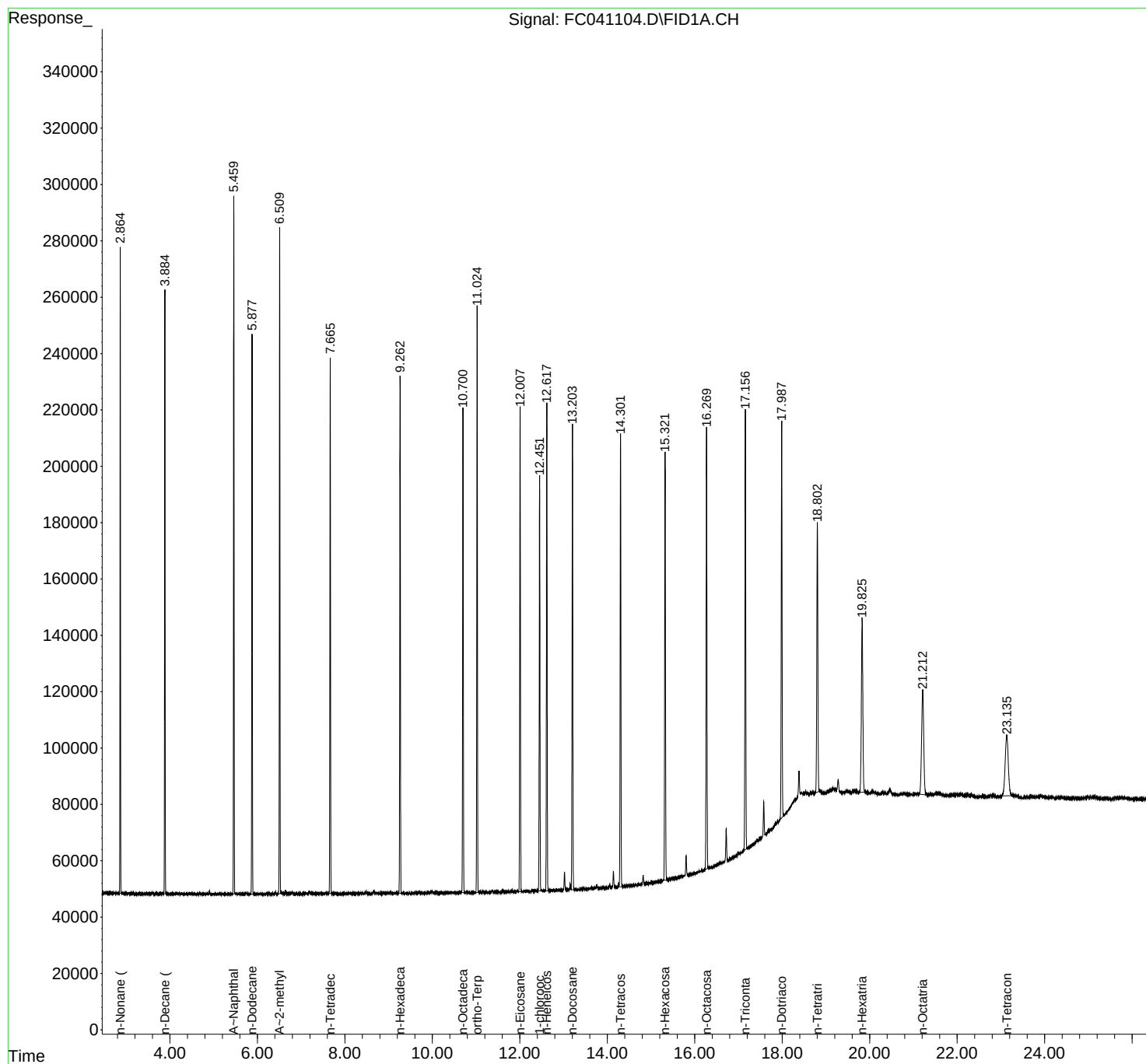
(f)=RT Delta > 1/2 Window

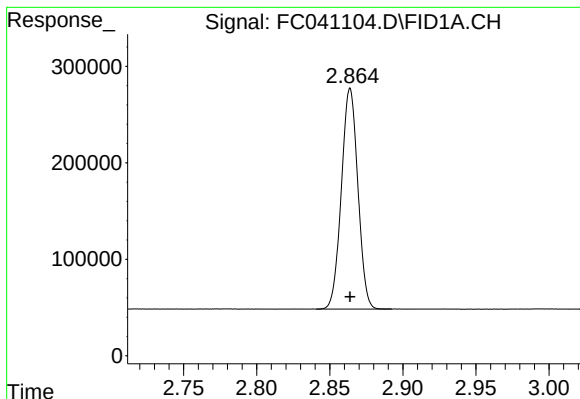
(m)=manual int.

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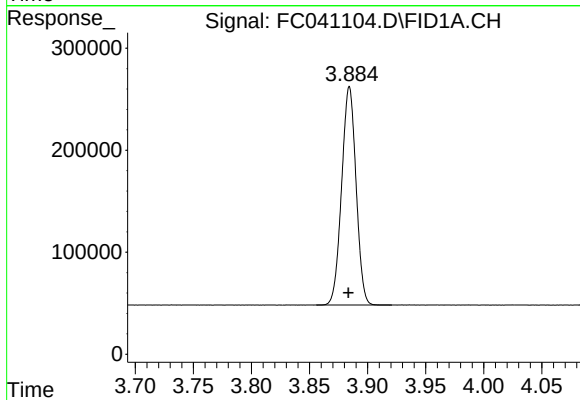
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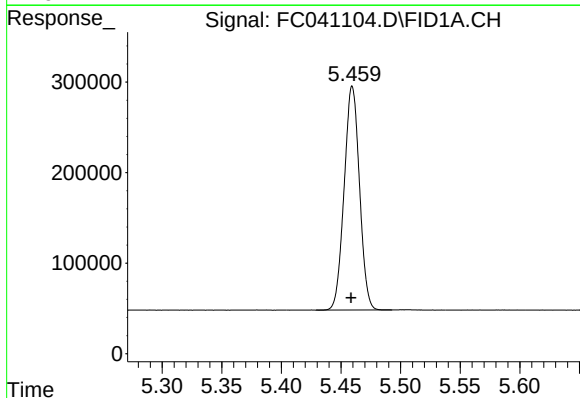
#1 n-Nonane (C9)

R.T.: 2.864 min
Delta R.T.: 0.000 min
Response: 1796027
Conc: 19.90 ug/ml



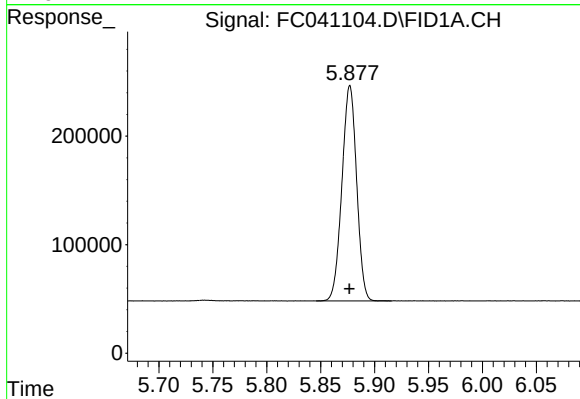
#2 n-Decane (C10)

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 1849756
Conc: 20.14 ug/ml



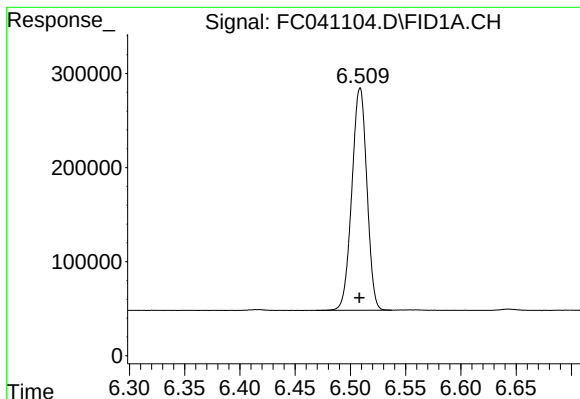
#3 A~Naphthalene (C11.7)

R.T.: 5.460 min
Delta R.T.: 0.001 min
Response: 2215683
Conc: 21.32 ug/ml



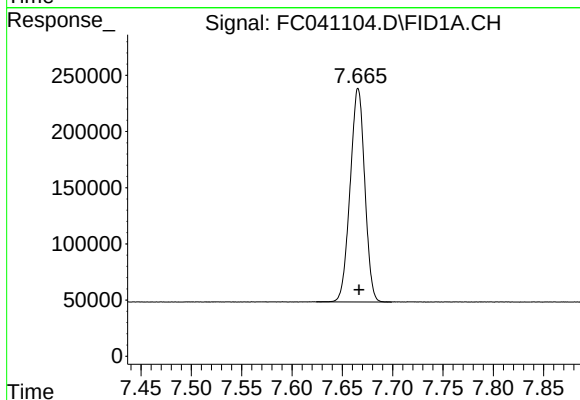
#4 n-Dodecane (C12)

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 1882409
Conc: 20.31 ug/ml



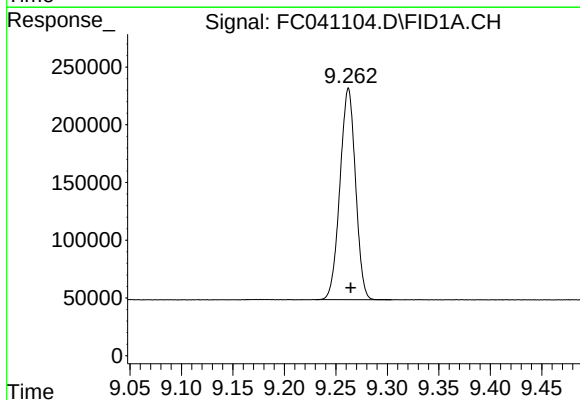
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 2240386
Conc: 21.36 ug/ml



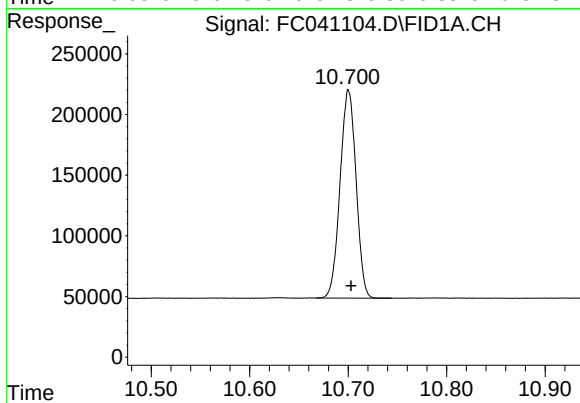
#6 n-Tetradecane (C14)

R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 1919876
Conc: 20.17 ug/ml



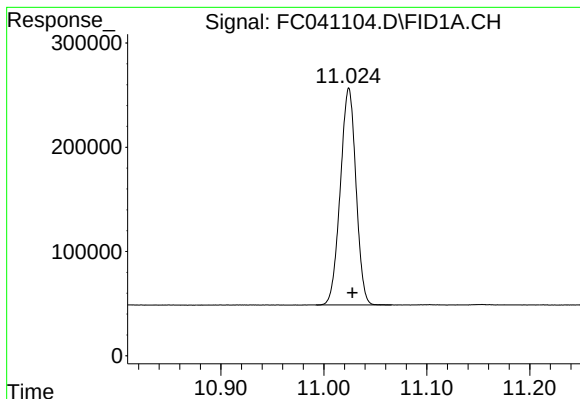
#7 n-Hexadecane (C16)

R.T.: 9.262 min
Delta R.T.: -0.002 min
Response: 1928634
Conc: 20.03 ug/ml



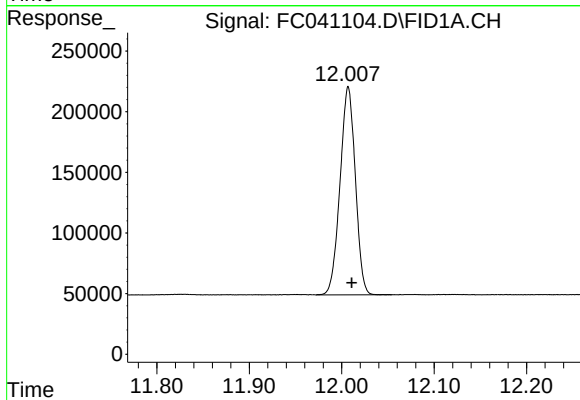
#8 n-Octadecane (C18)

R.T.: 10.701 min
Delta R.T.: -0.002 min
Response: 1938453
Conc: 19.95 ug/ml



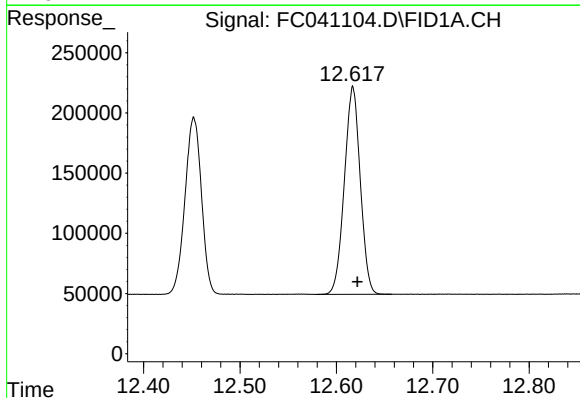
#9 ortho-Terphenyl (SURR)

R.T.: 11.024 min
Delta R.T.: -0.003 min
Response: 2201892
Conc: 21.14 ug/ml



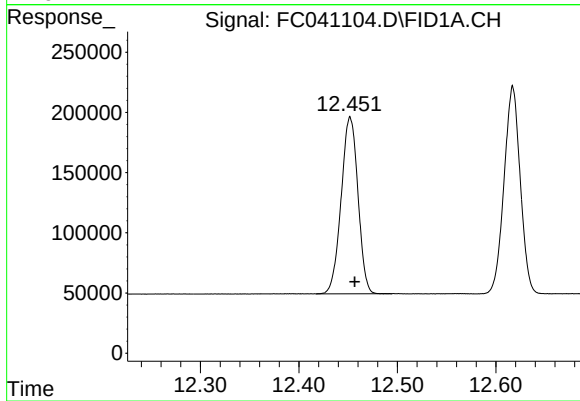
#10 n-Eicosane (C20)

R.T.: 12.007 min
Delta R.T.: -0.004 min
Response: 1974393
Conc: 20.60 ug/ml



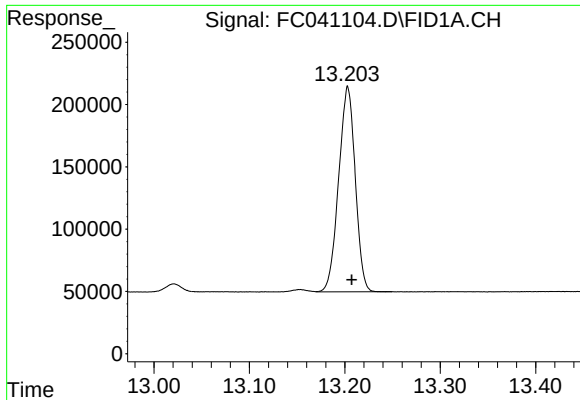
#11 n-Heneicosane (C21)

R.T.: 12.617 min
Delta R.T.: -0.005 min
Response: 1969658
Conc: 21.05 ug/ml



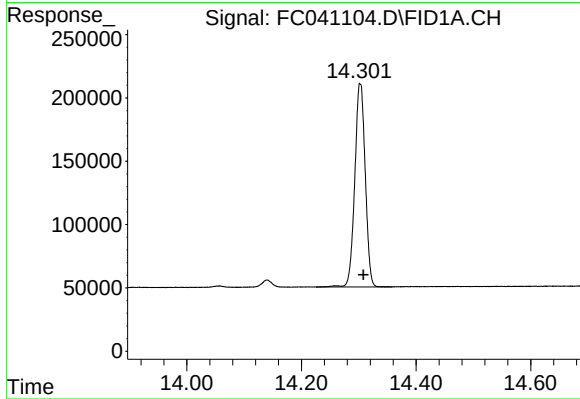
#12 1-chlorooctadecane (SURR)

R.T.: 12.452 min
Delta R.T.: -0.005 min
Response: 1740852
Conc: 21.01 ug/ml



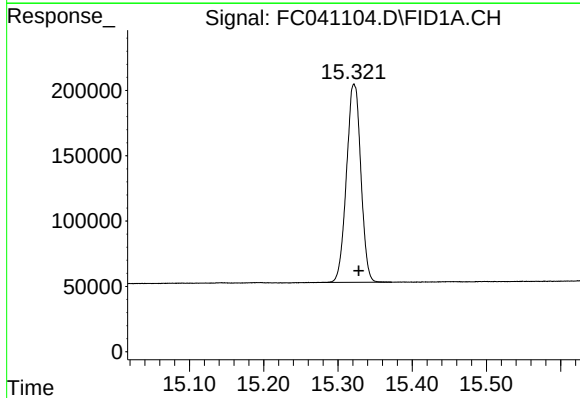
#13 n-Docosane (C22)

R.T.: 13.203 min
Delta R.T.: -0.004 min
Response: 1988063
Conc: 21.49 ug/ml



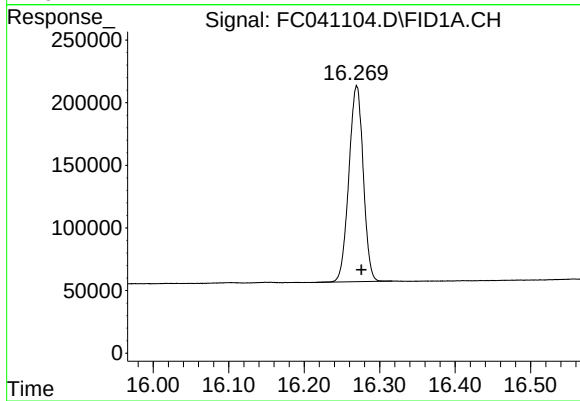
#14 n-Tetracosane (C24)

R.T.: 14.303 min
Delta R.T.: -0.006 min
Response: 2034014
Conc: 22.32 ug/ml



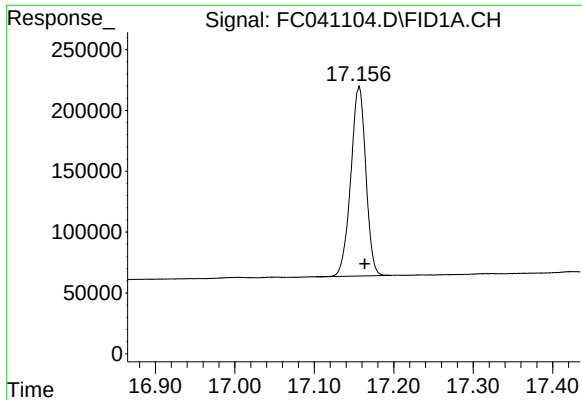
#15 n-Hexacosane (C26)

R.T.: 15.322 min
Delta R.T.: -0.006 min
Response: 2039238
Conc: 22.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.270 min
Delta R.T.: -0.006 min
Response: 2066386
Conc: 22.05 ug/ml



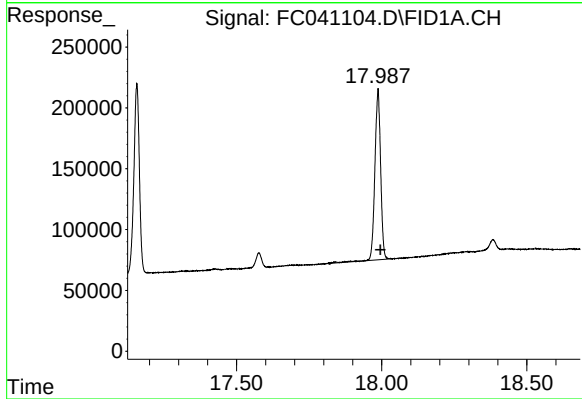
#17 n-Tricontane (C30)

R.T.: 17.156 min

Delta R.T.: -0.007 min

Response: 2041440

Conc: 19.10 ug/ml



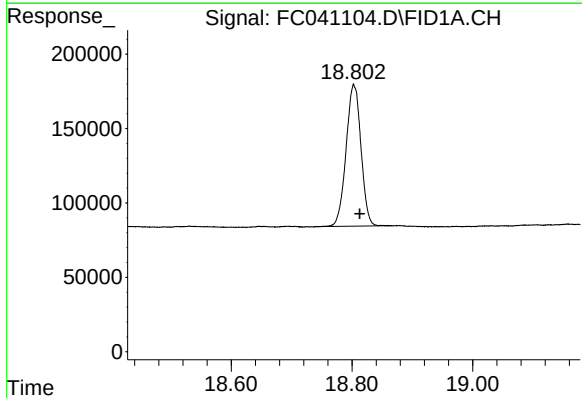
#18 n-Dotriacontane (C32)

R.T.: 17.987 min

Delta R.T.: -0.008 min

Response: 1922720

Conc: 19.48 ug/ml



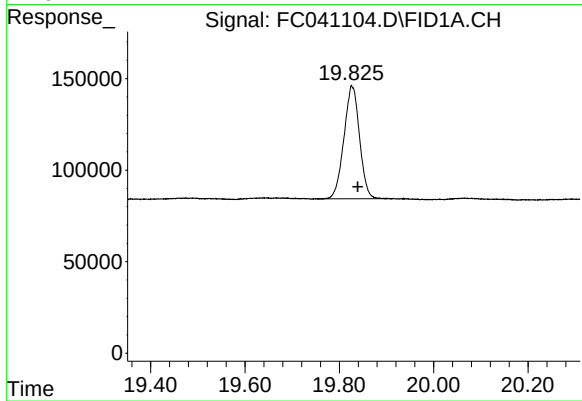
#19 n-Tetratriacontane (C34)

R.T.: 18.803 min

Delta R.T.: -0.010 min

Response: 1628704

Conc: 21.39 ug/ml



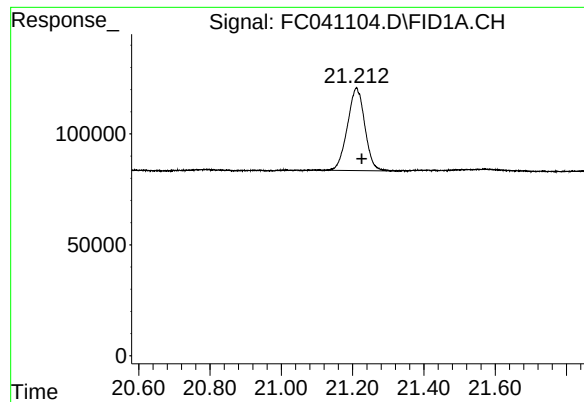
#20 n-Hexatriacontane (C36)

R.T.: 19.826 min

Delta R.T.: -0.013 min

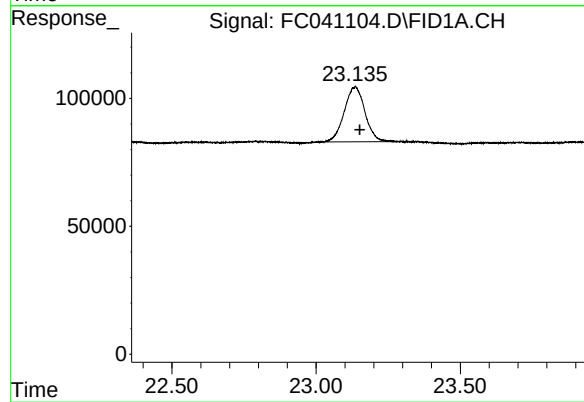
Response: 1417433

Conc: 21.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: -0.015 min
Response: 1256415
Conc: 19.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.136 min
Delta R.T.: -0.015 min
Response: 1072335
Conc: 17.02 ug/ml