

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050819AL\
 Data File : FC041069.D
 Signal(s) : FID1A.CH
 Acq On : 08 May 2019 9:25
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 09 03:13:38 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)	11.023	2177477	20.901 ug/ml
Spiked Amount 50.000		Recovery =	41.80%
12) S 1-chlorooctadecane (S...	12.452	1711076	20.651 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
Target Compounds			
1) T n-Nonane (C9)	2.865	1815121	20.116 ug/ml
2) T n-Decane (C10)	3.885	1849392	20.138 ug/ml
3) T A~Naphthalene (C11.7)	5.460	2180507	20.983 ug/ml
4) T n-Dodecane (C12)	5.877	1854870	20.008 ug/ml
5) T A~2-methylnaphthalene...	6.509	2198174	20.958 ug/ml
6) T n-Tetradecane (C14)	7.665	1870585	19.650 ug/ml
7) T n-Hexadecane (C16)	9.261	1879576	19.520 ug/ml
8) T n-Octadecane (C18)	10.700	1893930	19.490 ug/ml
10) T n-Eicosane (C20)	12.007	1933608	20.177 ug/ml
11) T n-Heneicosane (C21)	12.617	1934625	20.677 ug/ml
13) T n-Docosane (C22)	13.203	1957393	21.155 ug/ml
14) T n-Tetracosane (C24)	14.304	2005400	22.009 ug/ml
15) T n-Hexacosane (C26)	15.323	2014726	22.447 ug/ml
16) T n-Octacosane (C28)	16.271	2036846	21.736 ug/ml
17) T n-Tricontane (C30)	17.157	2008571	18.792 ug/ml
18) T n-Dotriacontane (C32)	17.988	1886237	19.107 ug/ml
19) T n-Tetratriacontane (C34)	18.803	1603233	21.057 ug/ml
20) T n-Hexatriacontane (C36)	19.828	1398245	20.977 ug/ml
21) T n-Octatriacontane (C38)	21.212	1267690	19.787 ug/ml
22) T n-Tetracontane (C40)	23.134	1177346	18.685 ug/ml

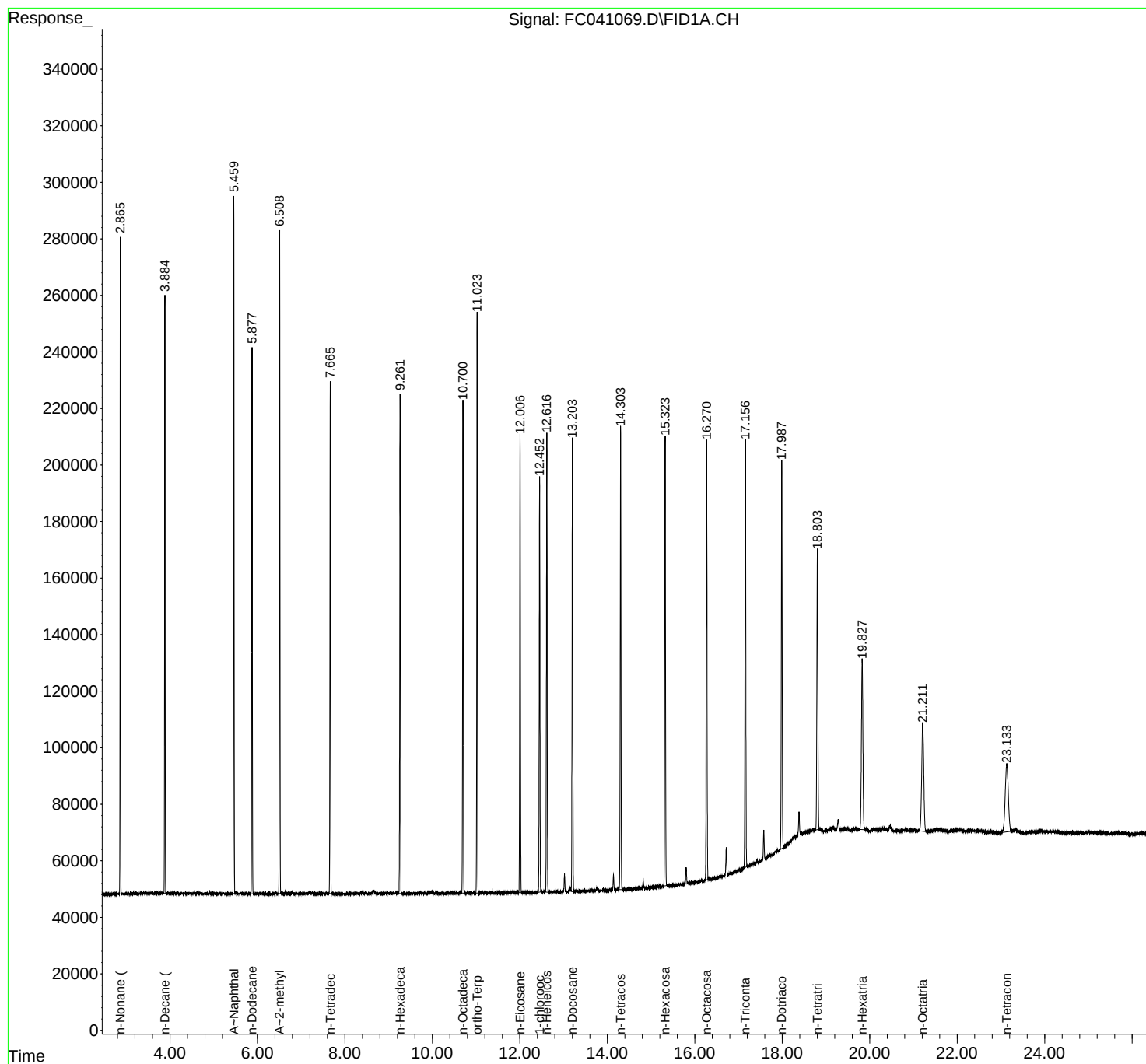
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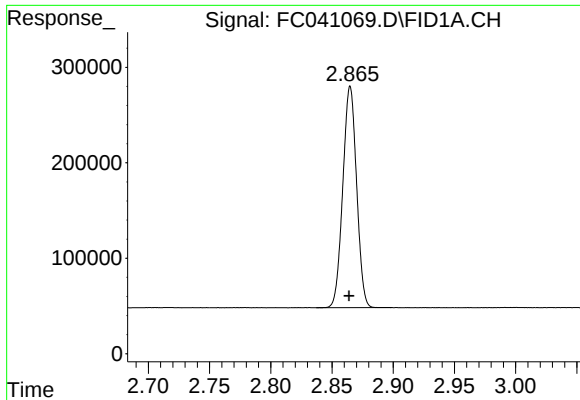
(m)=manual int.

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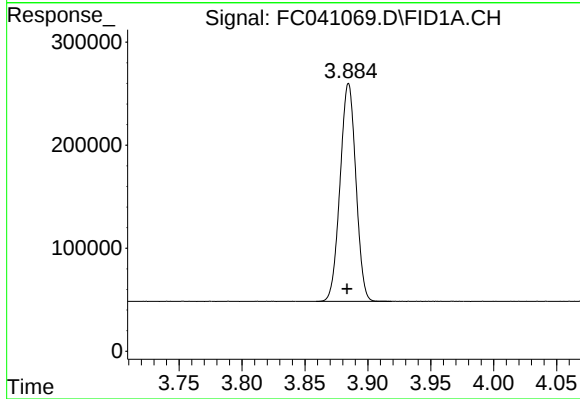
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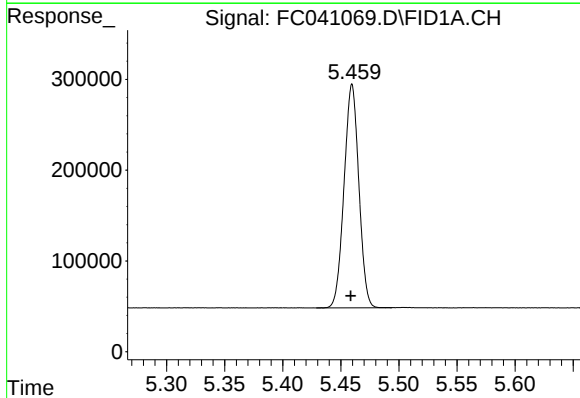
#1 n-Nonane (C9)

R.T.: 2.865 min
Delta R.T.: 0.000 min
Response: 1815121
Conc: 20.12 ug/ml



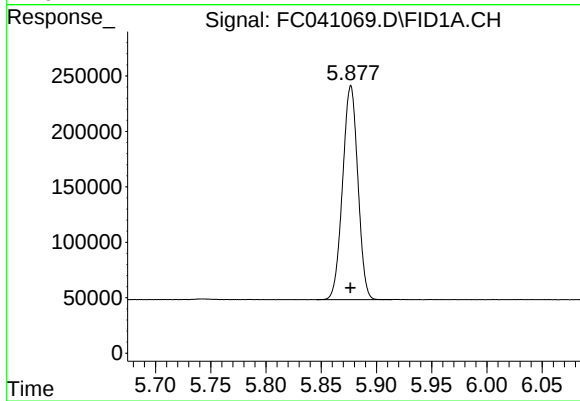
#2 n-Decane (C10)

R.T.: 3.885 min
Delta R.T.: 0.001 min
Response: 1849392
Conc: 20.14 ug/ml



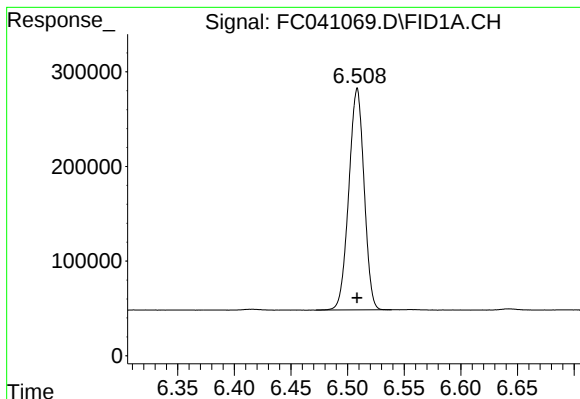
#3 A~Naphthalene (C11.7)

R.T.: 5.460 min
Delta R.T.: 0.001 min
Response: 2180507
Conc: 20.98 ug/ml



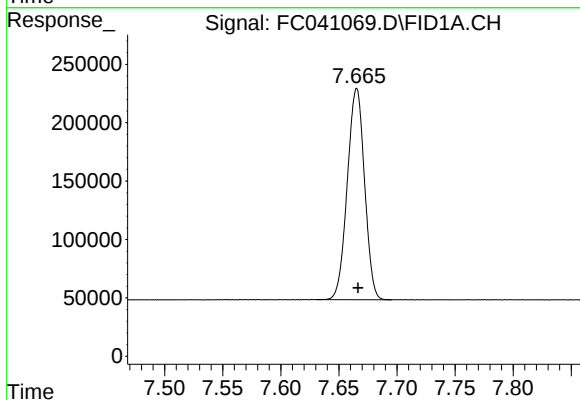
#4 n-Dodecane (C12)

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 1854870
Conc: 20.01 ug/ml



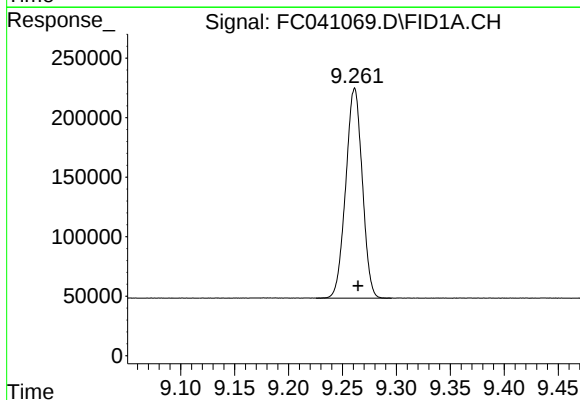
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 2198174
Conc: 20.96 ug/ml



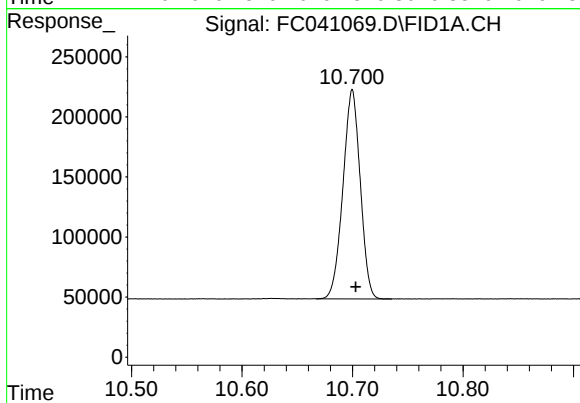
#6 n-Tetradecane (C14)

R.T.: 7.665 min
Delta R.T.: -0.001 min
Response: 1870585
Conc: 19.65 ug/ml



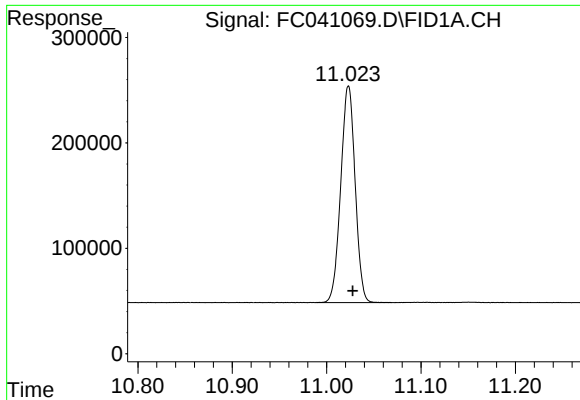
#7 n-Hexadecane (C16)

R.T.: 9.261 min
Delta R.T.: -0.003 min
Response: 1879576
Conc: 19.52 ug/ml



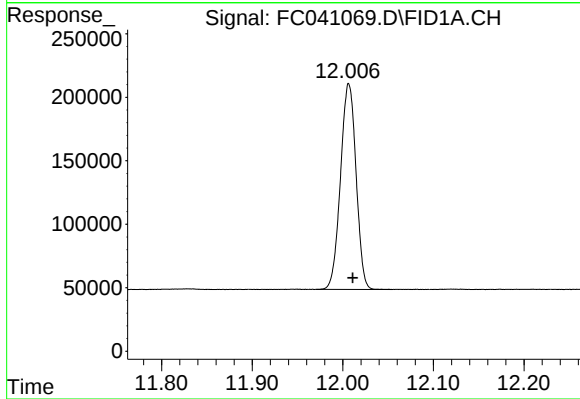
#8 n-Octadecane (C18)

R.T.: 10.700 min
Delta R.T.: -0.003 min
Response: 1893930
Conc: 19.49 ug/ml



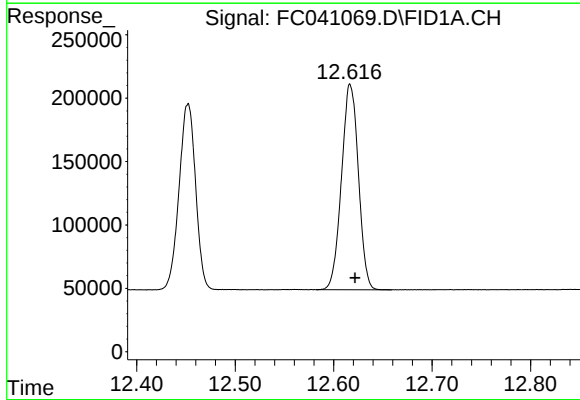
#9 ortho-Terphenyl (SURR)

R.T.: 11.023 min
Delta R.T.: -0.005 min
Response: 2177477
Conc: 20.90 ug/ml



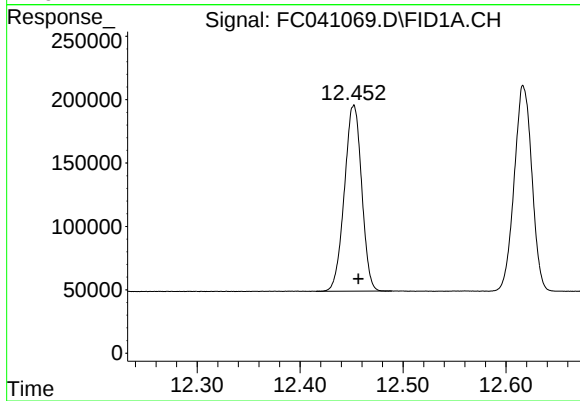
#10 n-Eicosane (C20)

R.T.: 12.007 min
Delta R.T.: -0.004 min
Response: 1933608
Conc: 20.18 ug/ml



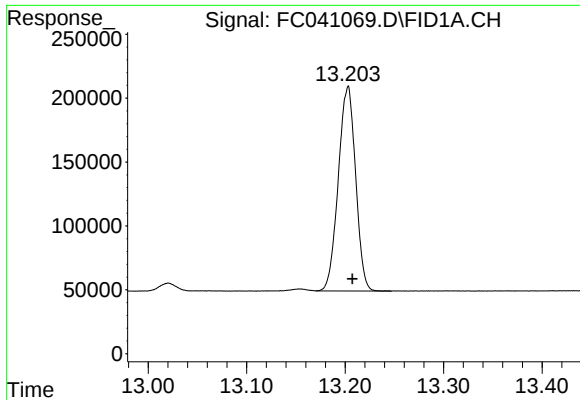
#11 n-Heneicosane (C21)

R.T.: 12.617 min
Delta R.T.: -0.005 min
Response: 1934625
Conc: 20.68 ug/ml



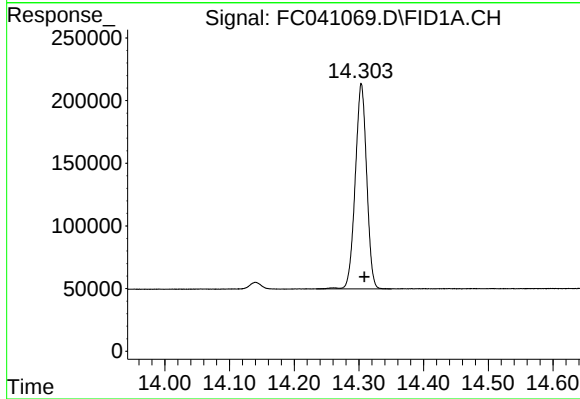
#12 1-chlorooctadecane (SURR)

R.T.: 12.452 min
Delta R.T.: -0.005 min
Response: 1711076
Conc: 20.65 ug/ml



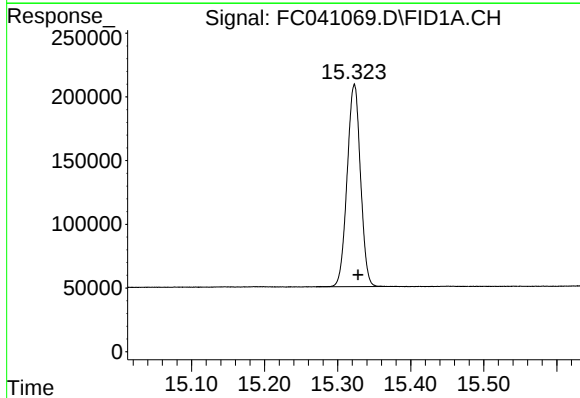
#13 n-Docosane (C22)

R.T.: 13.203 min
Delta R.T.: -0.004 min
Response: 1957393
Conc: 21.15 ug/ml



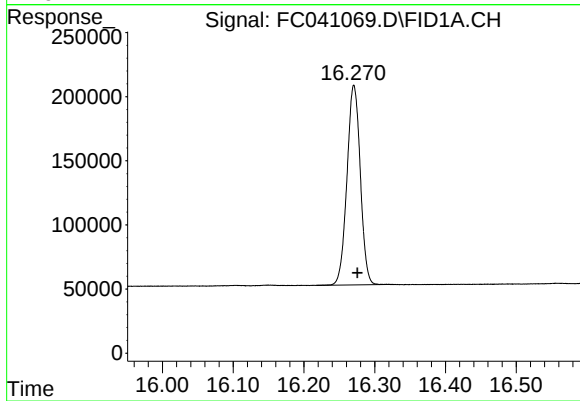
#14 n-Tetracosane (C24)

R.T.: 14.304 min
Delta R.T.: -0.004 min
Response: 2005400
Conc: 22.01 ug/ml



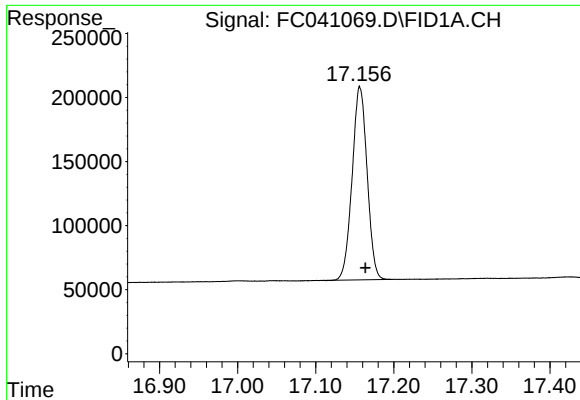
#15 n-Hexacosane (C26)

R.T.: 15.323 min
Delta R.T.: -0.005 min
Response: 2014726
Conc: 22.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.271 min
Delta R.T.: -0.005 min
Response: 2036846
Conc: 21.74 ug/ml



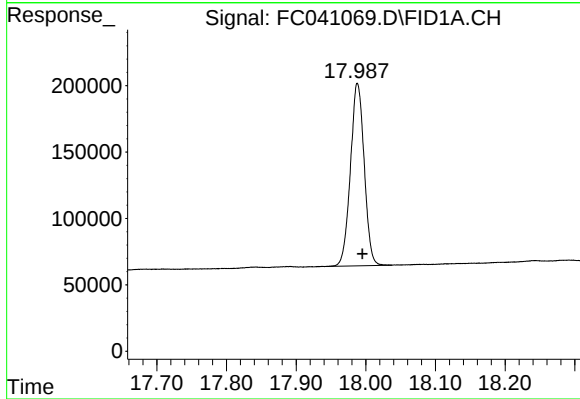
#17 n-Tricontane (C30)

R.T.: 17.157 min

Delta R.T.: -0.007 min

Response: 2008571

Conc: 18.79 ug/ml



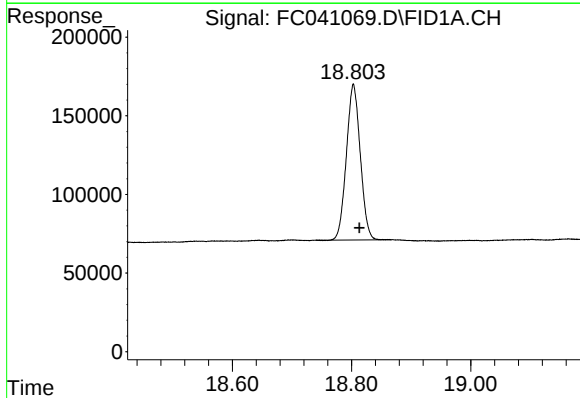
#18 n-Dotriacontane (C32)

R.T.: 17.988 min

Delta R.T.: -0.007 min

Response: 1886237

Conc: 19.11 ug/ml



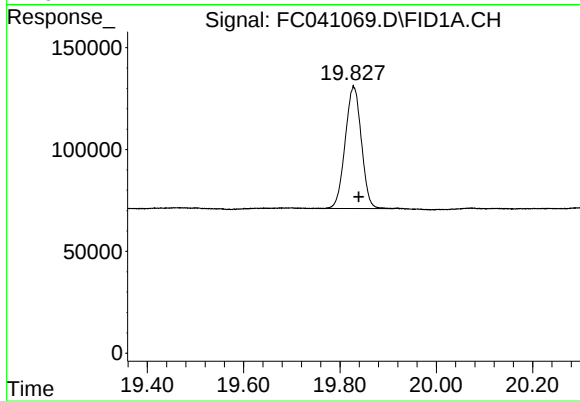
#19 n-Tetratriacontane (C34)

R.T.: 18.803 min

Delta R.T.: -0.010 min

Response: 1603233

Conc: 21.06 ug/ml



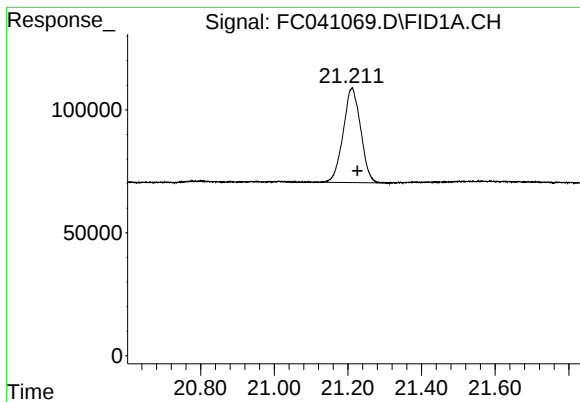
#20 n-Hexatriacontane (C36)

R.T.: 19.828 min

Delta R.T.: -0.011 min

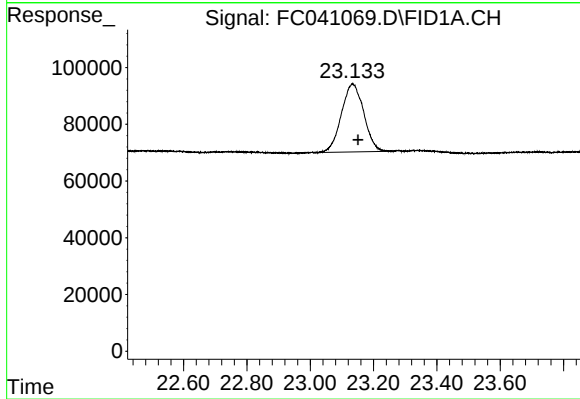
Response: 1398245

Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.015 min
Response: 1267690
Conc: 19.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.134 min
Delta R.T.: -0.017 min
Response: 1177346
Conc: 18.69 ug/ml