

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051019AL\
 Data File : FC041141.D
 Signal(s) : FID1A.CH
 Acq On : 10 May 2019 21:39
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 11 00:20:20 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)	11.032	2112680	20.279 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
12) S 1-chlorooctadecane (S...	12.461	1696291	20.472 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
Target Compounds			
1) T n-Nonane (C9)	2.866	1808140	20.039 ug/ml
2) T n-Decane (C10)	3.885	1854197	20.191 ug/ml
3) T A~Naphthalene (C11.7)	5.461	2154179	20.730 ug/ml
4) T n-Dodecane (C12)	5.878	1870306	20.175 ug/ml
5) T A~2-methylnaphthalene...	6.510	2162446	20.618 ug/ml
6) T n-Tetradecane (C14)	7.669	1896094	19.918 ug/ml
7) T n-Hexadecane (C16)	9.268	1899246	19.724 ug/ml
8) T n-Octadecane (C18)	10.708	1899035	19.543 ug/ml
10) T n-Eicosane (C20)	12.016	1930951	20.149 ug/ml
11) T n-Heneicosane (C21)	12.628	1926522	20.590 ug/ml
13) T n-Docosane (C22)	13.213	1948702	21.061 ug/ml
14) T n-Tetracosane (C24)	14.313	1991583	21.857 ug/ml
15) T n-Hexacosane (C26)	15.333	2019045	22.495 ug/ml
16) T n-Octacosane (C28)	16.283	2088617	22.288 ug/ml
17) T n-Tricontane (C30)	17.169	2116412	19.801 ug/ml
18) T n-Dotriacontane (C32)	18.001	2080504	21.075 ug/ml
19) T n-Tetratriacontane (C34)	18.821	1776140	23.328 ug/ml
20) T n-Hexatriacontane (C36)	19.850	1447831	21.721 ug/ml
21) T n-Octatriacontane (C38)	21.242	1317342	20.562 ug/ml
22) T n-Tetracontane (C40)	23.180	1046128	16.603 ug/ml

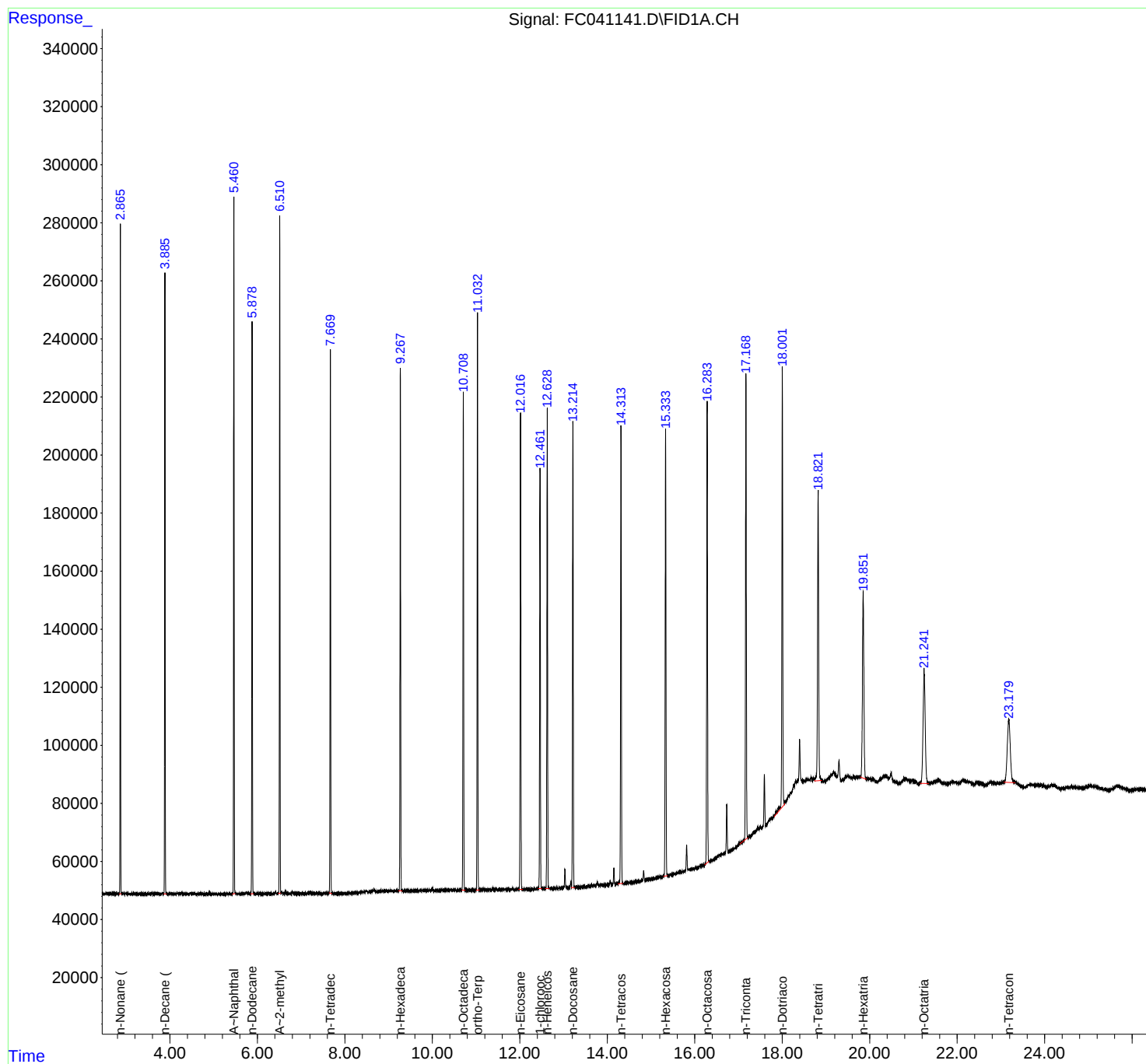
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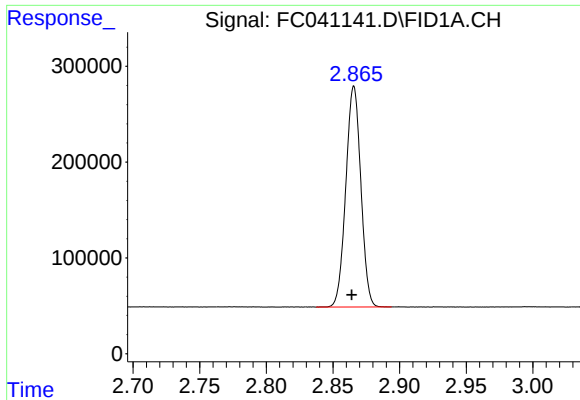
(m)=manual int.

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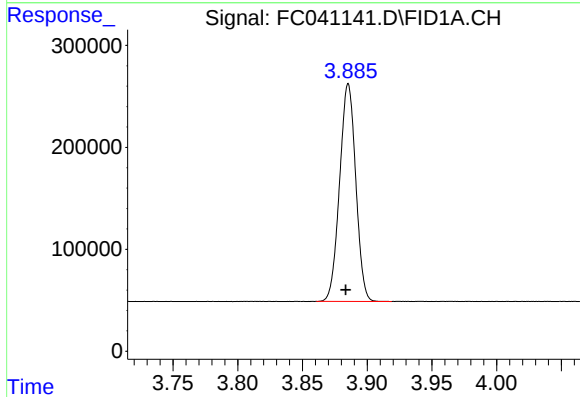
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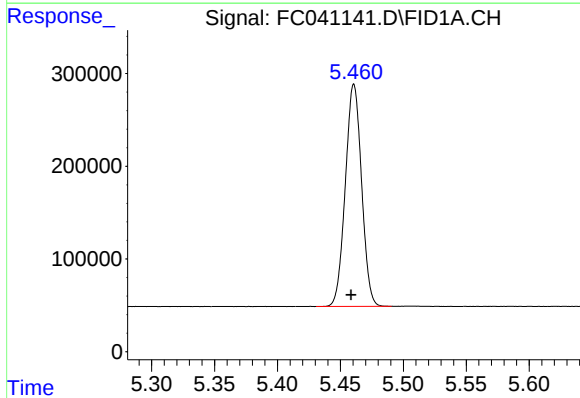
#1 n-Nonane (C9)

R.T.: 2.866 min
Delta R.T.: 0.002 min
Response: 1808140
Conc: 20.04 ug/ml



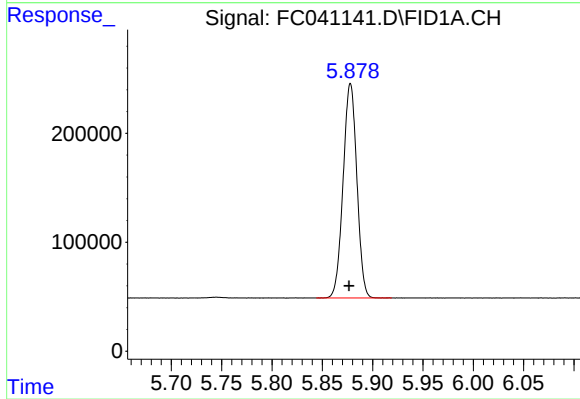
#2 n-Decane (C10)

R.T.: 3.885 min
Delta R.T.: 0.002 min
Response: 1854197
Conc: 20.19 ug/ml



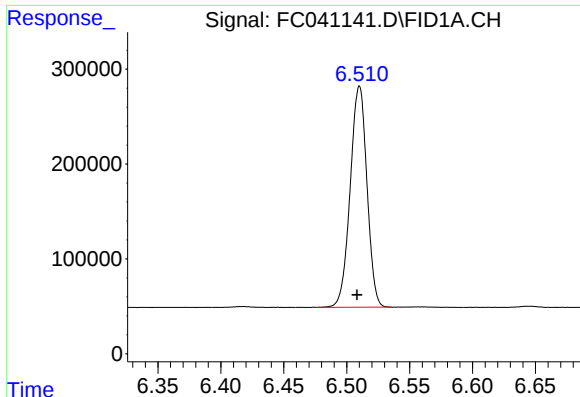
#3 A~Naphthalene (C11.7)

R.T.: 5.461 min
Delta R.T.: 0.002 min
Response: 2154179
Conc: 20.73 ug/ml



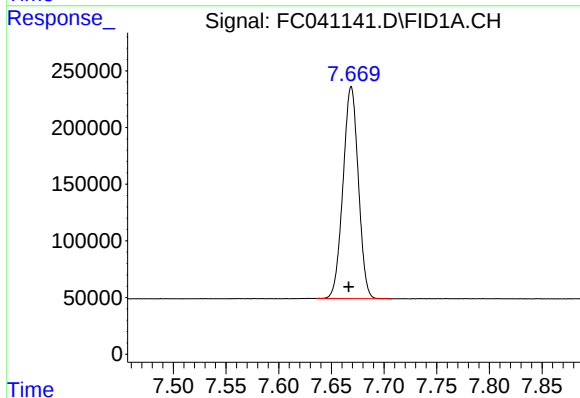
#4 n-Dodecane (C12)

R.T.: 5.878 min
Delta R.T.: 0.002 min
Response: 1870306
Conc: 20.17 ug/ml



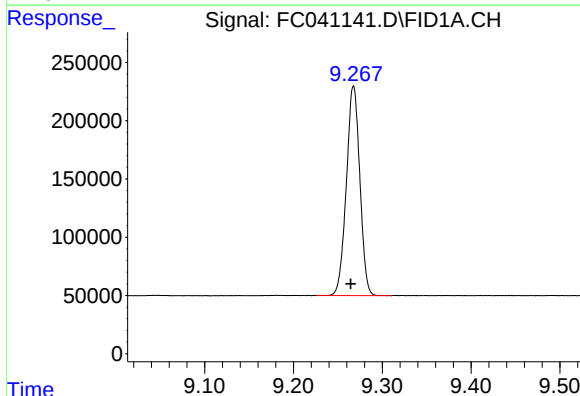
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.510 min
Delta R.T.: 0.002 min
Response: 2162446
Conc: 20.62 ug/ml



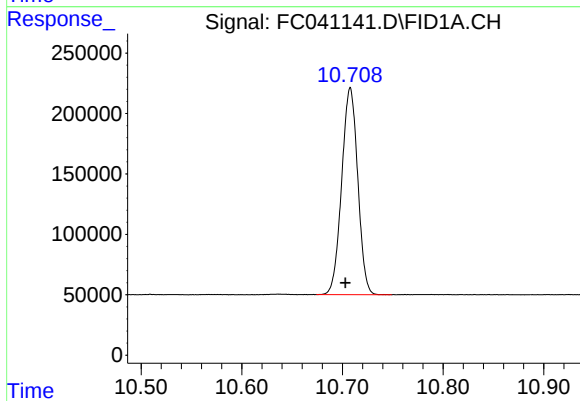
#6 n-Tetradecane (C14)

R.T.: 7.669 min
Delta R.T.: 0.002 min
Response: 1896094
Conc: 19.92 ug/ml



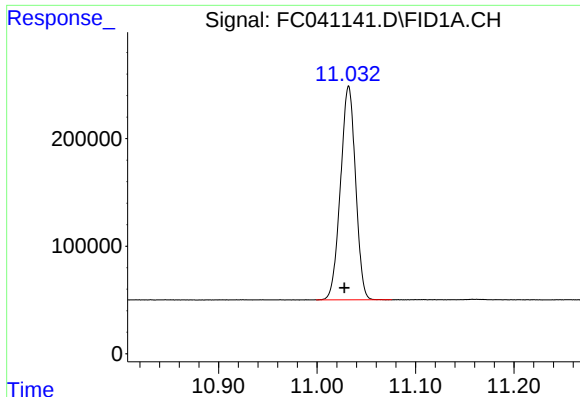
#7 n-Hexadecane (C16)

R.T.: 9.268 min
Delta R.T.: 0.003 min
Response: 1899246
Conc: 19.72 ug/ml



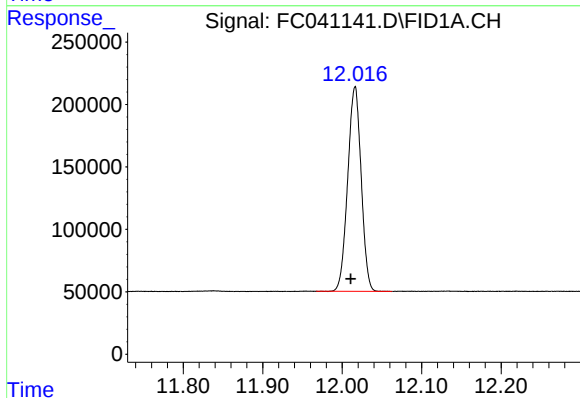
#8 n-Octadecane (C18)

R.T.: 10.708 min
Delta R.T.: 0.005 min
Response: 1899035
Conc: 19.54 ug/ml



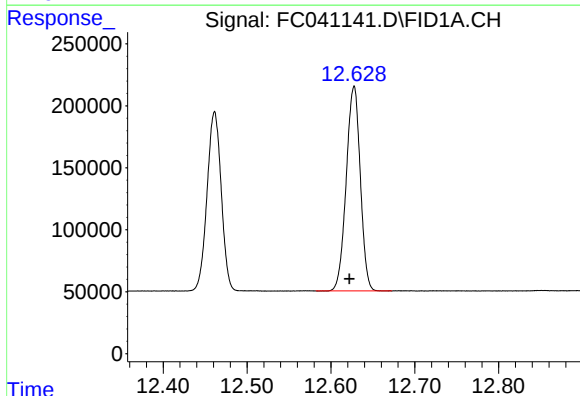
#9 ortho-Terphenyl (SURR)

R.T.: 11.032 min
Delta R.T.: 0.004 min
Response: 2112680
Conc: 20.28 ug/ml



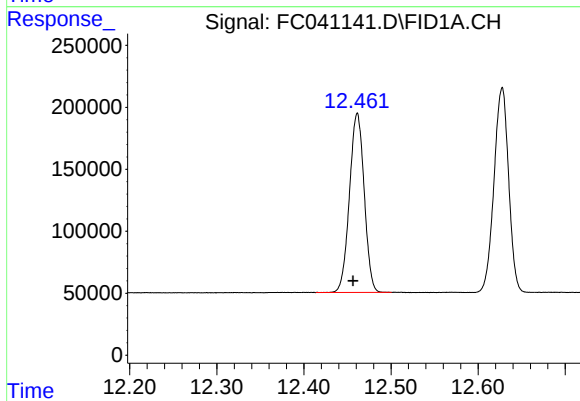
#10 n-Eicosane (C20)

R.T.: 12.016 min
Delta R.T.: 0.005 min
Response: 1930951
Conc: 20.15 ug/ml



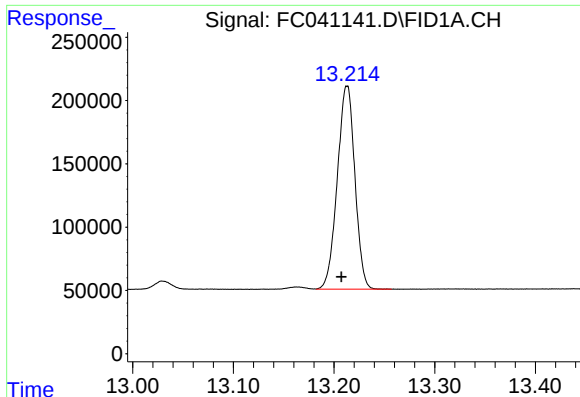
#11 n-Heneicosane (C21)

R.T.: 12.628 min
Delta R.T.: 0.006 min
Response: 1926522
Conc: 20.59 ug/ml



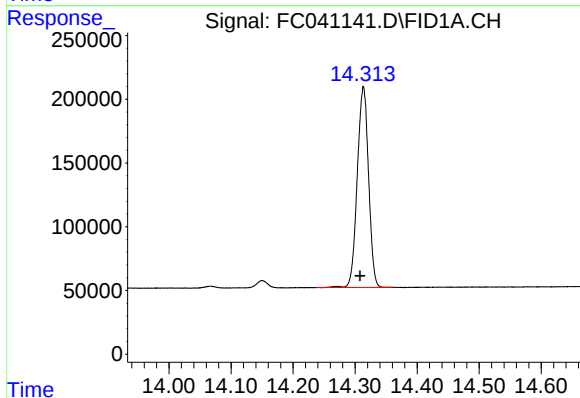
#12 1-chlorooctadecane (SURR)

R.T.: 12.461 min
Delta R.T.: 0.005 min
Response: 1696291
Conc: 20.47 ug/ml



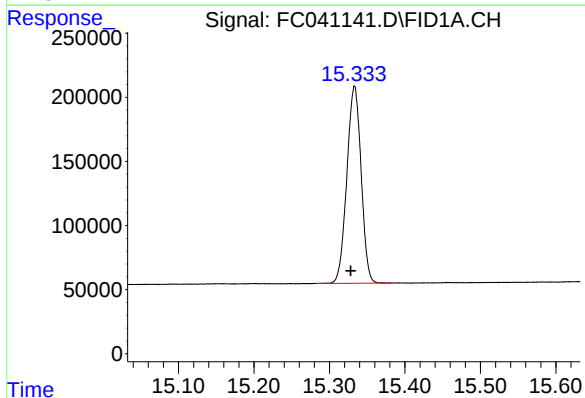
#13 n-Docosane (C22)

R.T.: 13.213 min
Delta R.T.: 0.006 min
Response: 1948702
Conc: 21.06 ug/ml



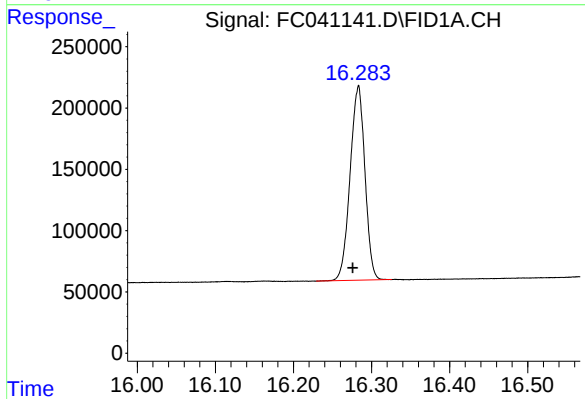
#14 n-Tetracosane (C24)

R.T.: 14.313 min
Delta R.T.: 0.005 min
Response: 1991583
Conc: 21.86 ug/ml



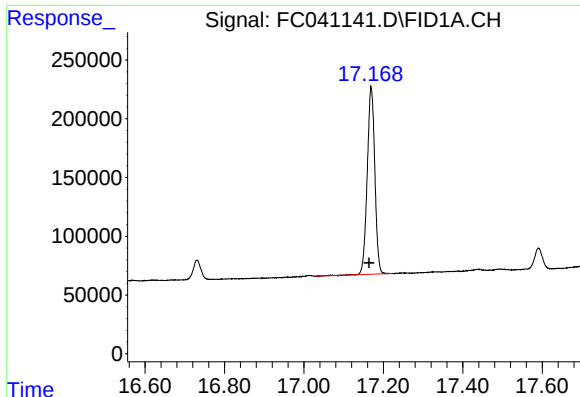
#15 n-Hexacosane (C26)

R.T.: 15.333 min
Delta R.T.: 0.005 min
Response: 2019045
Conc: 22.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.283 min
Delta R.T.: 0.007 min
Response: 2088617
Conc: 22.29 ug/ml



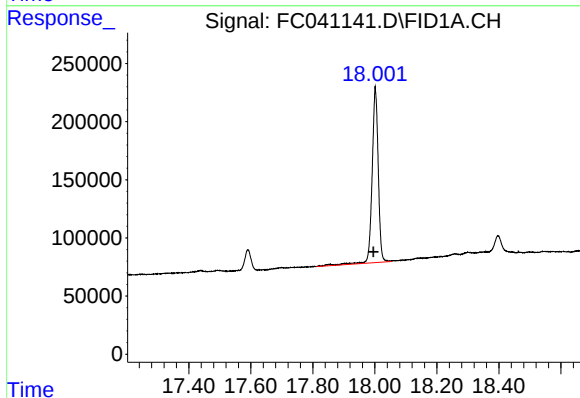
#17 n-Tricontane (C30)

R.T.: 17.169 min

Delta R.T.: 0.006 min

Response: 2116412

Conc: 19.80 ug/ml



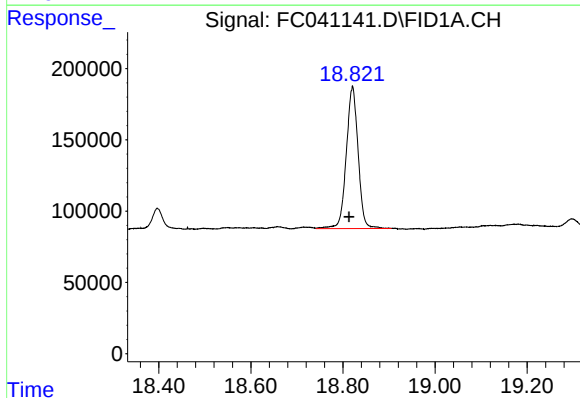
#18 n-Dotriacontane (C32)

R.T.: 18.001 min

Delta R.T.: 0.006 min

Response: 2080504

Conc: 21.08 ug/ml



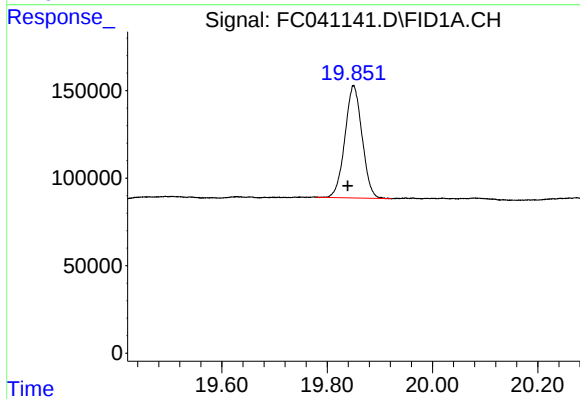
#19 n-Tetratriacontane (C34)

R.T.: 18.821 min

Delta R.T.: 0.008 min

Response: 1776140

Conc: 23.33 ug/ml



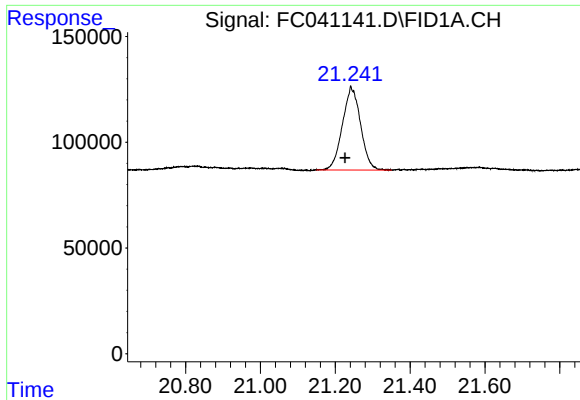
#20 n-Hexatriacontane (C36)

R.T.: 19.850 min

Delta R.T.: 0.011 min

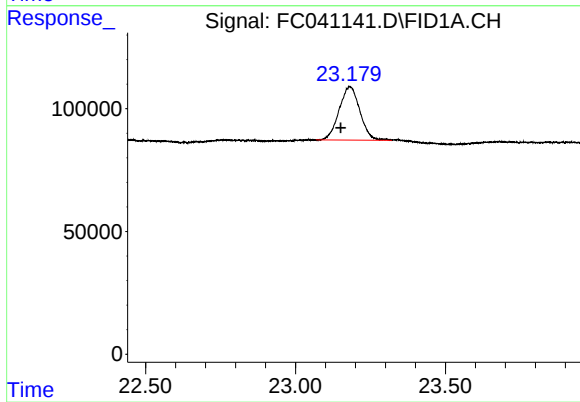
Response: 1447831

Conc: 21.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.242 min
Delta R.T.: 0.015 min
Response: 1317342
Conc: 20.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.180 min
Delta R.T.: 0.029 min
Response: 1046128
Conc: 16.60 ug/ml