

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022820AL\
 Data File : FC046020.D
 Signal(s) : FID1A.CH
 Acq On : 29 Feb 2020 3:04
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 29 05:43:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 2020
 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)	11.764	2255415	19.771 ug/ml
Spiked Amount 50.000		Recovery =	39.54%
12) S 1-chlorooctadecane (S...	13.184	1748036	19.486 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
Target Compounds			
1) T n-Nonane (C9)	3.534	2096929	20.802 ug/ml
2) T n-Decane (C10)	4.604	2128364	21.102 ug/ml
3) T A~Naphthalene (C11.7)	6.204	2328602	20.972 ug/ml
4) T n-Dodecane (C12)	6.616	2151712	21.091 ug/ml
5) T A~2-methylnaphthalene...	7.256	2349870	21.125 ug/ml
6) T n-Tetradecane (C14)	8.402	2149795	21.001 ug/ml
7) T n-Hexadecane (C16)	9.996	2143400	20.702 ug/ml
8) T n-Octadecane (C18)	11.432	2134574	20.305 ug/ml
10) T n-Eicosane (C20)	12.736	2096280	19.830 ug/ml
11) T n-Heneicosane (C21)	13.346	2083958	19.539 ug/ml
13) T n-Docosane (C22)	13.931	2049920	19.292 ug/ml
14) T n-Tetracosane (C24)	15.030	2007730	18.759 ug/ml
15) T n-Hexacosane (C26)	16.048	1946267	18.312 ug/ml
16) T n-Octacosane (C28)	16.995	1903365	18.180 ug/ml
17) T n-Tricontane (C30)	17.879	1865342	18.510 ug/ml
18) T n-Dotriacontane (C32)	18.707	1611604	18.831 ug/ml
19) T n-Tetratriacontane (C34)	19.488	1373976	18.931 ug/ml
20) T n-Hexatriacontane (C36)	20.225	1255791	18.569 ug/ml
21) T n-Octatriacontane (C38)	20.993	1158861	19.173 ug/ml
22) T n-Tetracontane (C40)	21.960	1193733	18.987 ug/ml

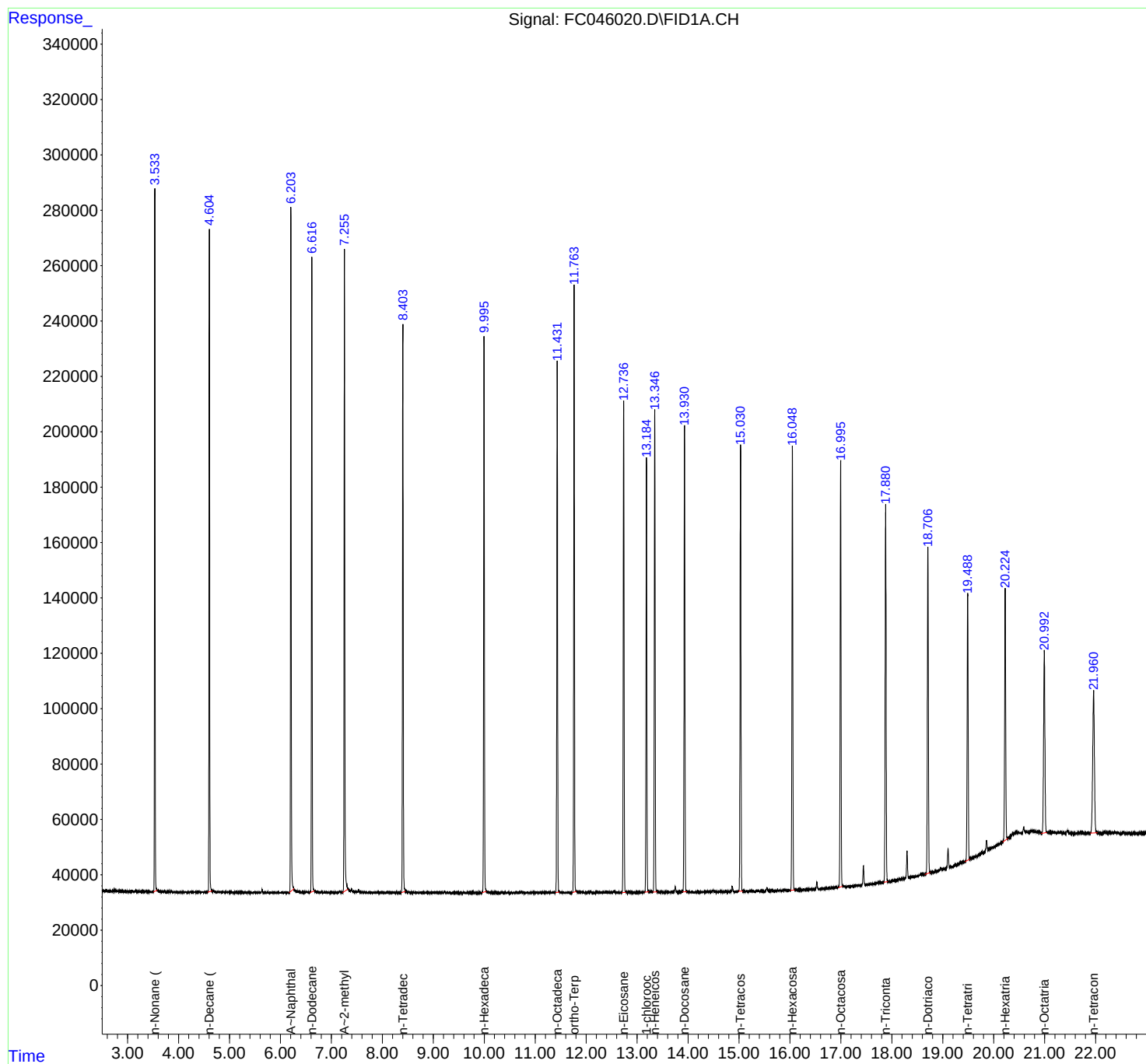
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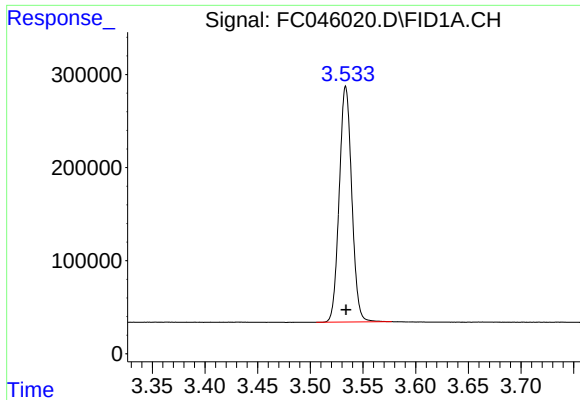
(m)=manual int.

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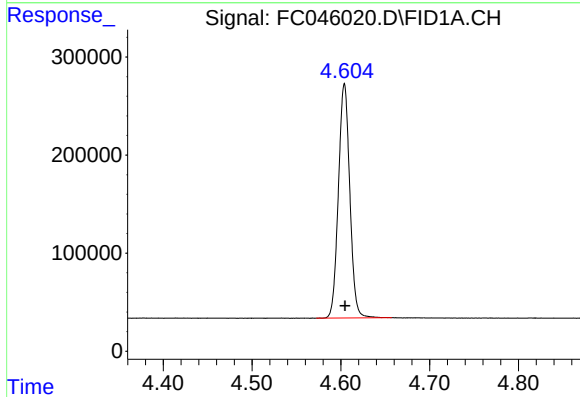
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





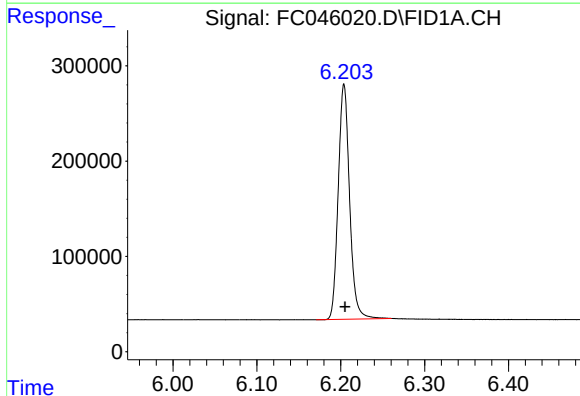
#1 n-Nonane (C9)

R.T.: 3.534 min
Delta R.T.: 0.000 min
Response: 2096929
Conc: 20.80 ug/ml



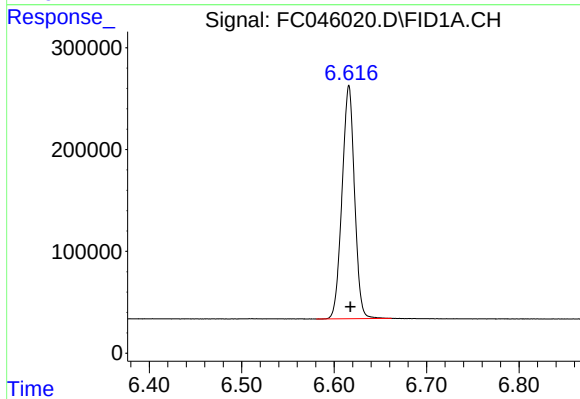
#2 n-Decane (C10)

R.T.: 4.604 min
Delta R.T.: 0.000 min
Response: 2128364
Conc: 21.10 ug/ml



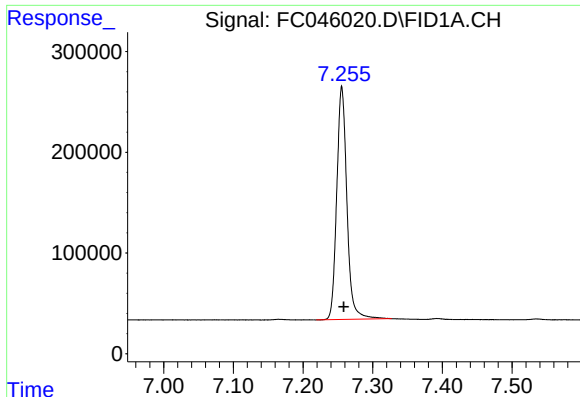
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 2328602
Conc: 20.97 ug/ml



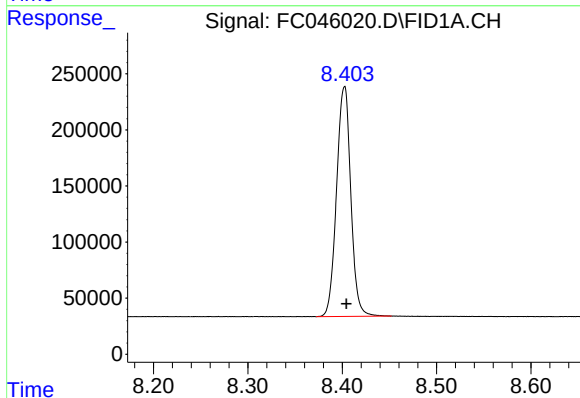
#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: -0.001 min
Response: 2151712
Conc: 21.09 ug/ml



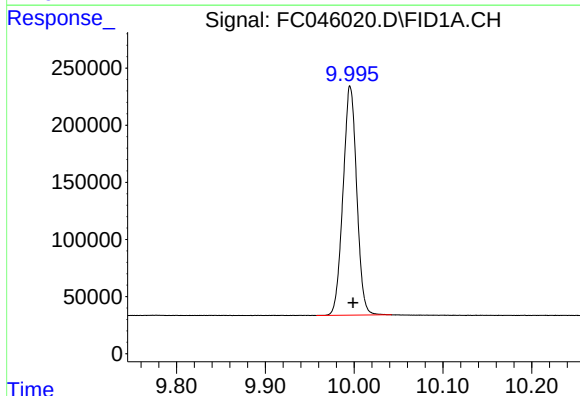
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 2349870
Conc: 21.13 ug/ml



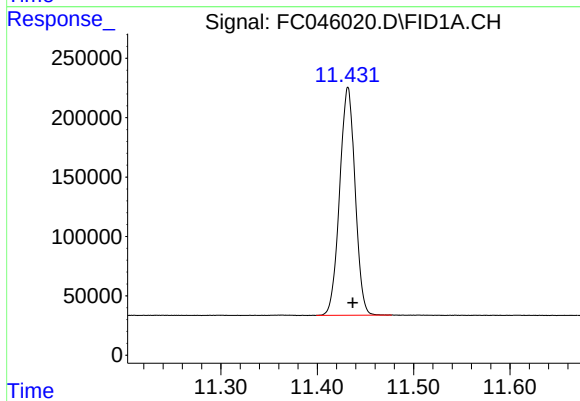
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: -0.002 min
Response: 2149795
Conc: 21.00 ug/ml



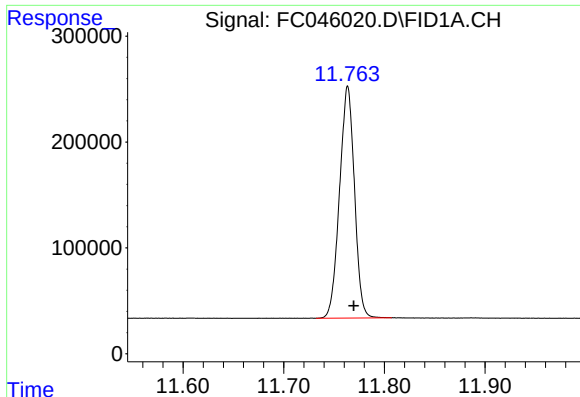
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: -0.003 min
Response: 2143400
Conc: 20.70 ug/ml



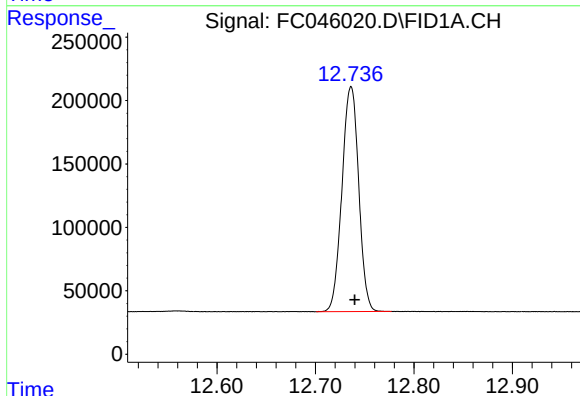
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: -0.005 min
Response: 2134574
Conc: 20.31 ug/ml



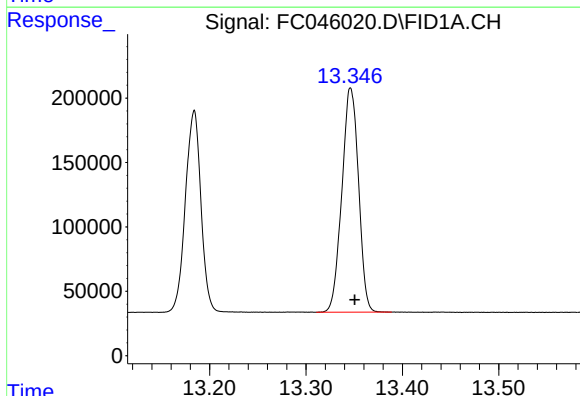
#9 ortho-Terphenyl (SURR)

R.T.: 11.764 min
Delta R.T.: -0.006 min
Response: 2255415
Conc: 19.77 ug/ml



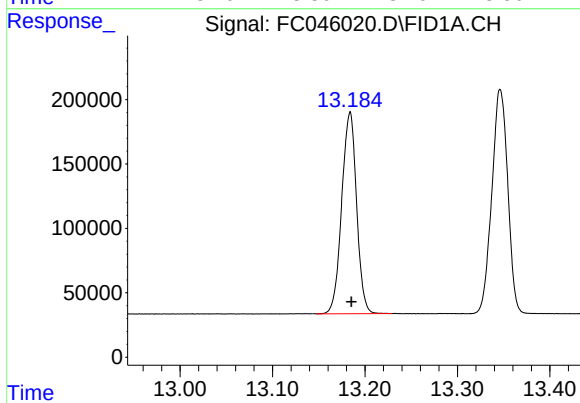
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: -0.004 min
Response: 2096280
Conc: 19.83 ug/ml



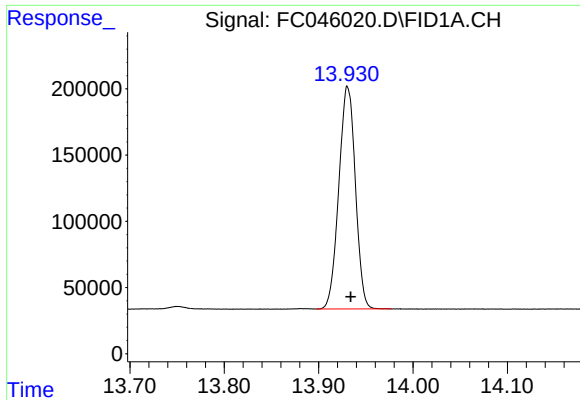
#11 n-Heneicosane (C21)

R.T.: 13.346 min
Delta R.T.: -0.004 min
Response: 2083958
Conc: 19.54 ug/ml



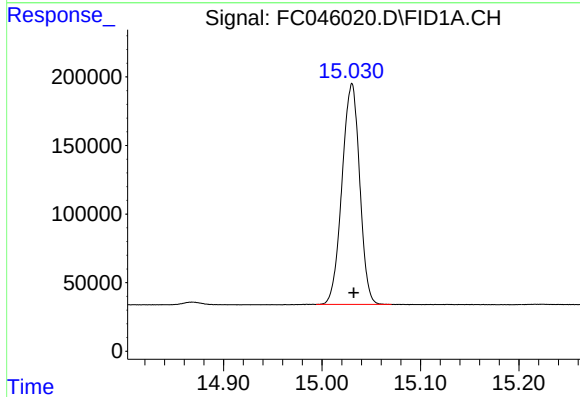
#12 1-chlorooctadecane (SURR)

R.T.: 13.184 min
Delta R.T.: -0.002 min
Response: 1748036
Conc: 19.49 ug/ml



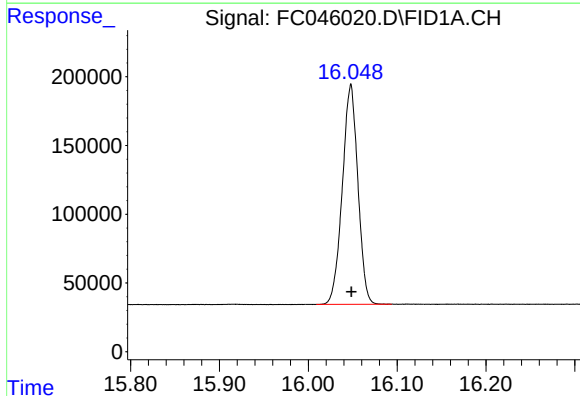
#13 n-Docosane (C22)

R.T.: 13.931 min
Delta R.T.: -0.003 min
Response: 2049920
Conc: 19.29 ug/ml



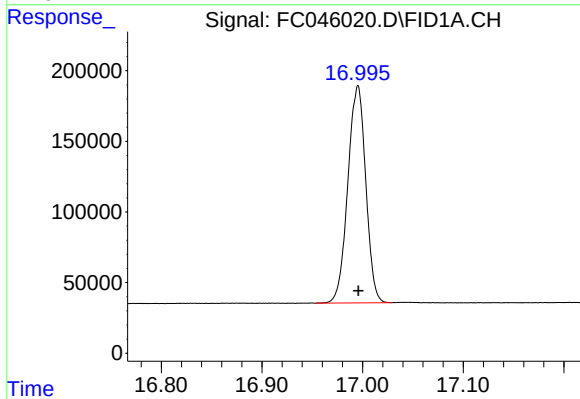
#14 n-Tetracosane (C24)

R.T.: 15.030 min
Delta R.T.: -0.002 min
Response: 2007730
Conc: 18.76 ug/ml



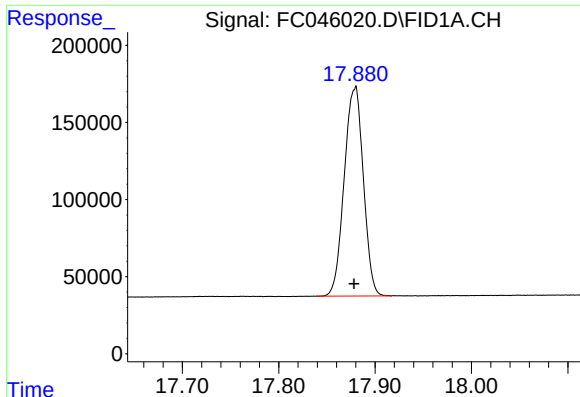
#15 n-Hexacosane (C26)

R.T.: 16.048 min
Delta R.T.: 0.000 min
Response: 1946267
Conc: 18.31 ug/ml



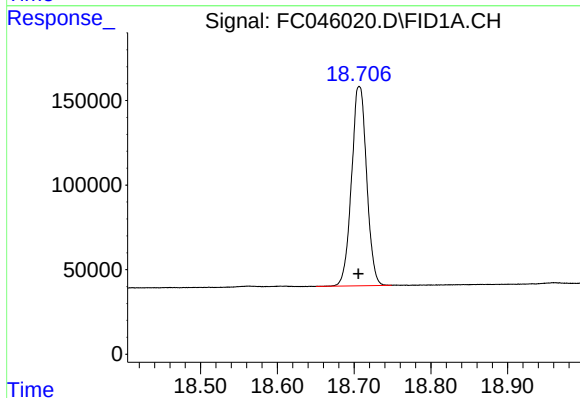
#16 n-Octacosane (C28)

R.T.: 16.995 min
Delta R.T.: 0.000 min
Response: 1903365
Conc: 18.18 ug/ml



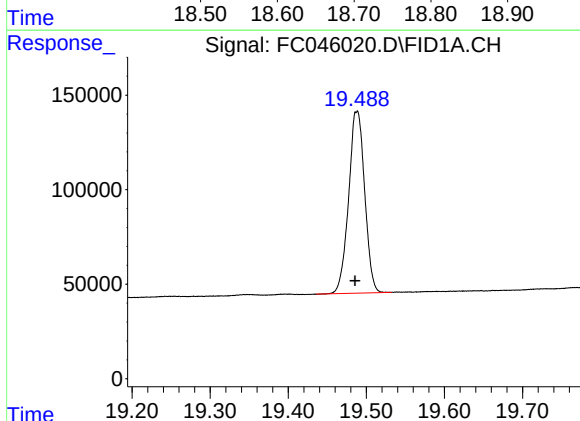
#17 n-Tricontane (C30)

R.T.: 17.879 min
Delta R.T.: 0.001 min
Response: 1865342
Conc: 18.51 ug/ml



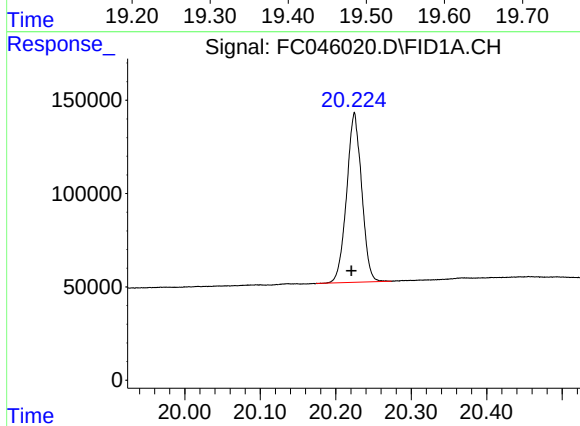
#18 n-Dotriacontane (C32)

R.T.: 18.707 min
Delta R.T.: 0.000 min
Response: 1611604
Conc: 18.83 ug/ml



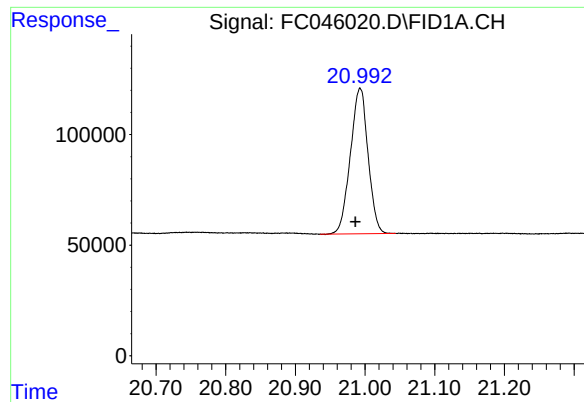
#19 n-Tetratriacontane (C34)

R.T.: 19.488 min
Delta R.T.: 0.003 min
Response: 1373976
Conc: 18.93 ug/ml



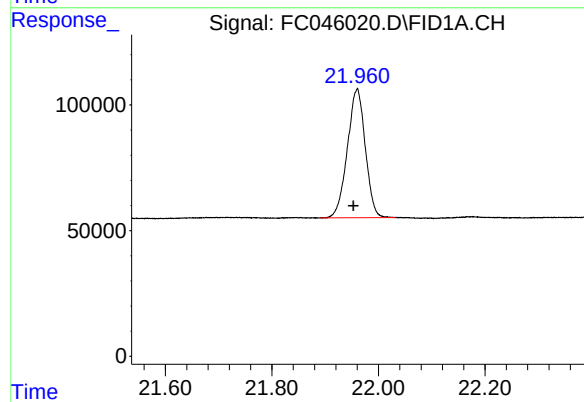
#20 n-Hexatriacontane (C36)

R.T.: 20.225 min
Delta R.T.: 0.004 min
Response: 1255791
Conc: 18.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.993 min
Delta R.T.: 0.007 min
Response: 1158861
Conc: 19.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: 0.007 min
Response: 1193733
Conc: 18.99 ug/ml