

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052020AL\
 Data File : FC047531.D
 Signal(s) : FID1A.CH
 Acq On : 20 May 2020 16:54
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 21 05:45:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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)	11.736	2389122	19.986 ug/ml
Spiked Amount 50.000		Recovery =	39.97%
12) S 1-chlorooctadecane (S...	13.149	1935404	19.732 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
Target Compounds			
1) T n-Nonane (C9)	3.546	2263720	22.330 ug/ml
2) T n-Decane (C10)	4.609	2292511	22.434 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2299381	22.082 ug/ml
4) T n-Dodecane (C12)	6.609	2344016	22.192 ug/ml
5) T A~2-methylnaphthalene...	7.254	2282739	21.738 ug/ml
6) T n-Tetradecane (C14)	8.386	2317776	21.912 ug/ml
7) T n-Hexadecane (C16)	9.973	2263600	21.393 ug/ml
8) T n-Octadecane (C18)	11.404	2320604	20.724 ug/ml
10) T n-Eicosane (C20)	12.704	2292388	20.146 ug/ml
11) T n-Heneicosane (C21)	13.310	2259417	19.874 ug/ml
13) T n-Docosane (C22)	13.893	2241688	19.727 ug/ml
14) T n-Tetracosane (C24)	14.988	2208379	19.518 ug/ml
15) T n-Hexacosane (C26)	16.003	2137564	19.085 ug/ml
16) T n-Octacosane (C28)	16.946	2109162	18.910 ug/ml
17) T n-Tricontane (C30)	17.828	2074137	19.183 ug/ml
18) T n-Dotriacontane (C32)	18.655	1927937	19.550 ug/ml
19) T n-Tetratriacontane (C34)	19.433	1810551	19.739 ug/ml
20) T n-Hexatriacontane (C36)	20.167	1763065	20.330 ug/ml
21) T n-Octatriacontane (C38)	20.921	1664771	20.632 ug/ml
22) T n-Tetracontane (C40)	21.864	1739971	21.396 ug/ml

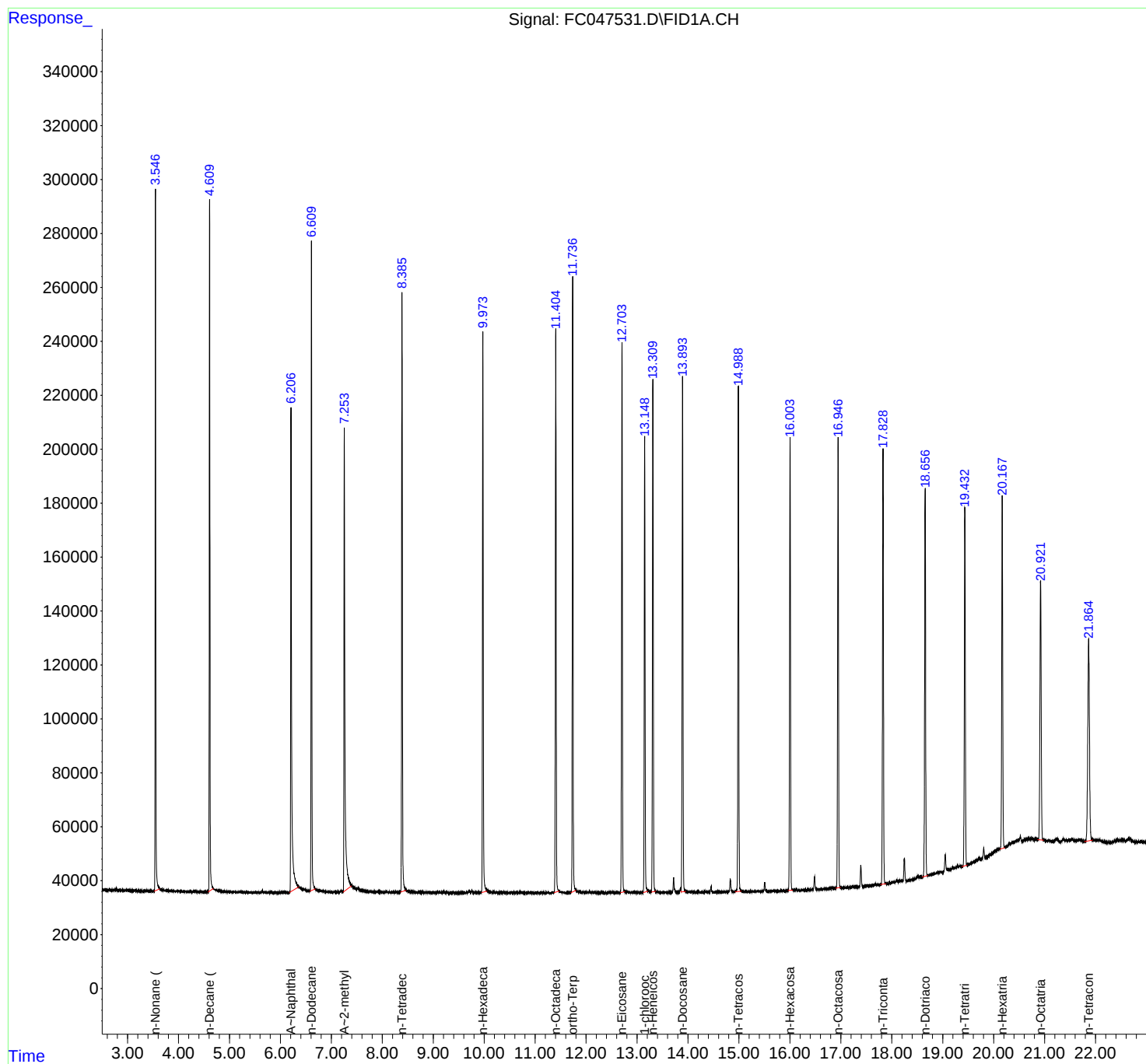
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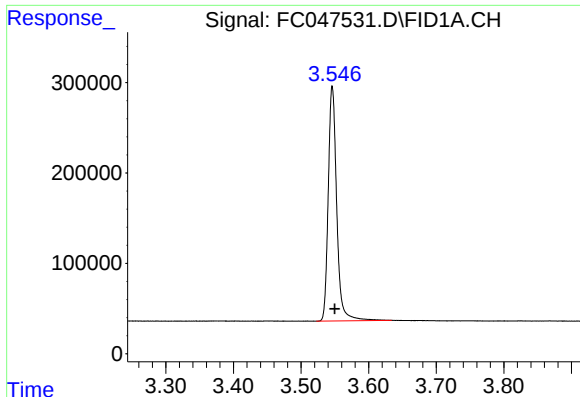
(m)=manual int.

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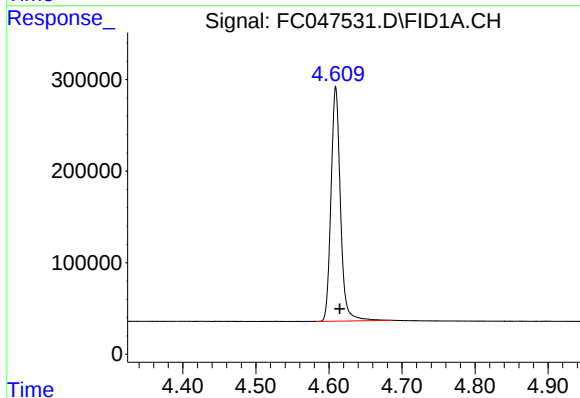
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





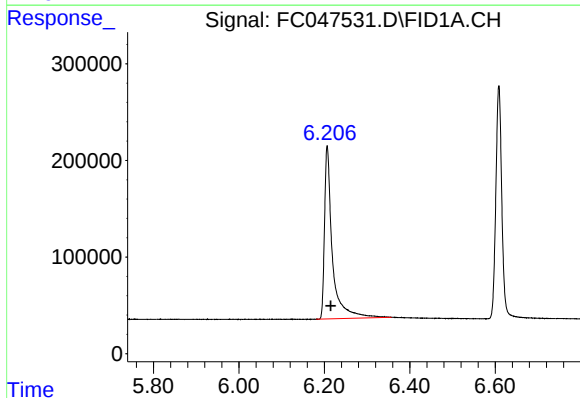
#1 n-Nonane (C9)

R.T.: 3.546 min
Delta R.T.: -0.004 min
Response: 2263720
Conc: 22.33 ug/ml



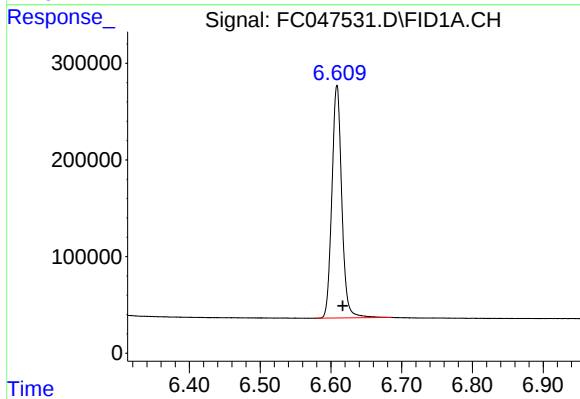
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.006 min
Response: 2292511
Conc: 22.43 ug/ml



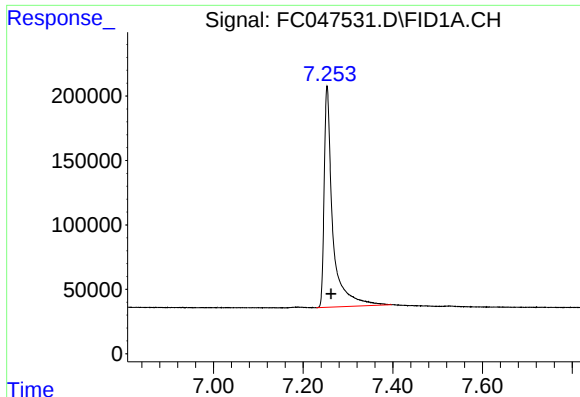
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.008 min
Response: 2299381
Conc: 22.08 ug/ml



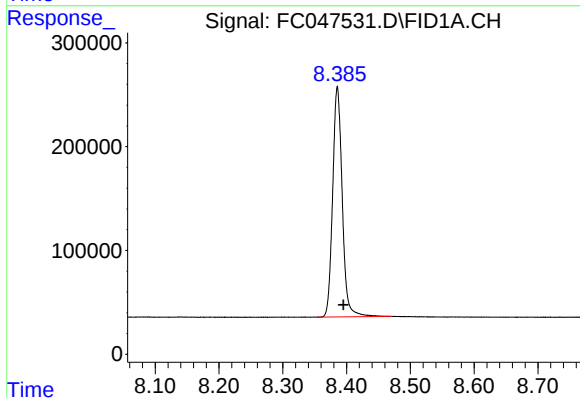
#4 n-Dodecane (C12)

R.T.: 6.609 min
Delta R.T.: -0.008 min
Response: 2344016
Conc: 22.19 ug/ml



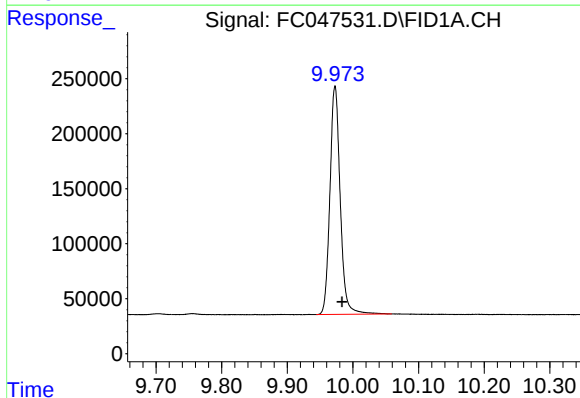
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: -0.009 min
Response: 2282739
Conc: 21.74 ug/ml



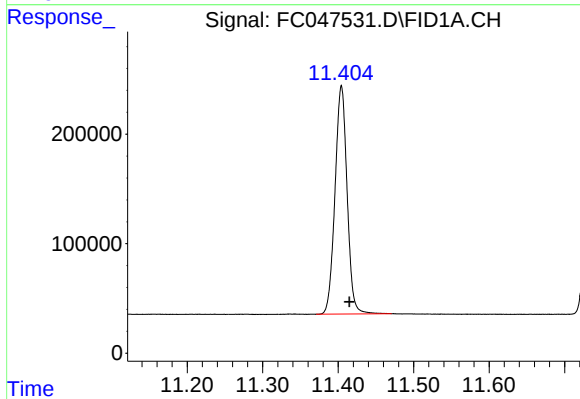
#6 n-Tetradecane (C14)

R.T.: 8.386 min
Delta R.T.: -0.010 min
Response: 2317776
Conc: 21.91 ug/ml



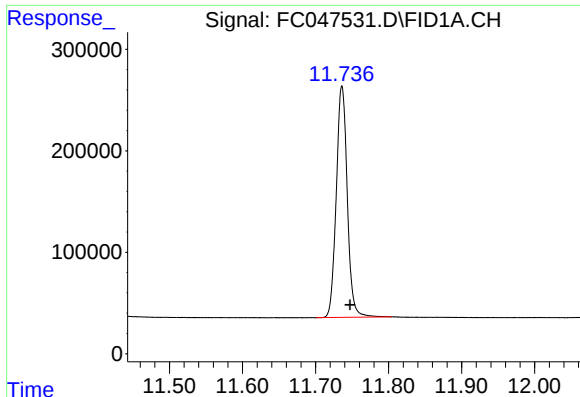
#7 n-Hexadecane (C16)

R.T.: 9.973 min
Delta R.T.: -0.011 min
Response: 2263600
Conc: 21.39 ug/ml



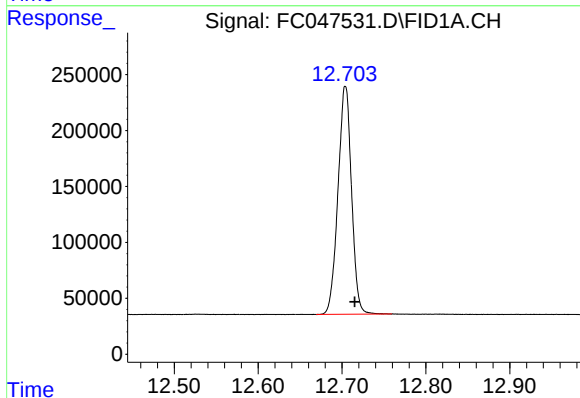
#8 n-Octadecane (C18)

R.T.: 11.404 min
Delta R.T.: -0.011 min
Response: 2320604
Conc: 20.72 ug/ml



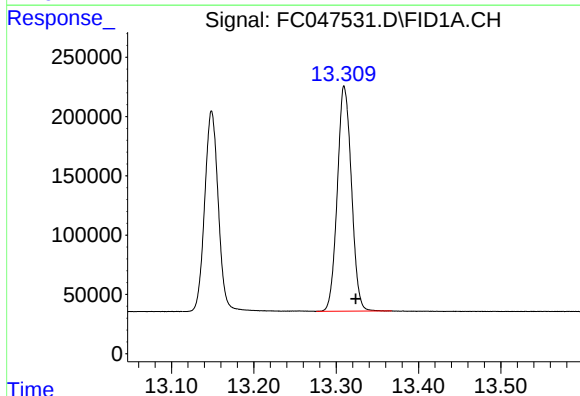
#9 ortho-Terphenyl (SURR)

R.T.: 11.736 min
Delta R.T.: -0.011 min
Response: 2389122
Conc: 19.99 ug/ml



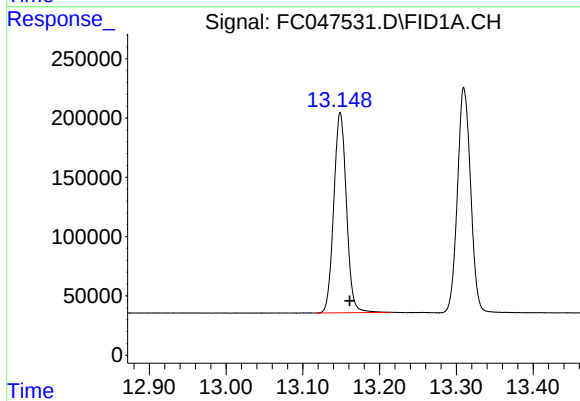
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.011 min
Response: 2292388
Conc: 20.15 ug/ml



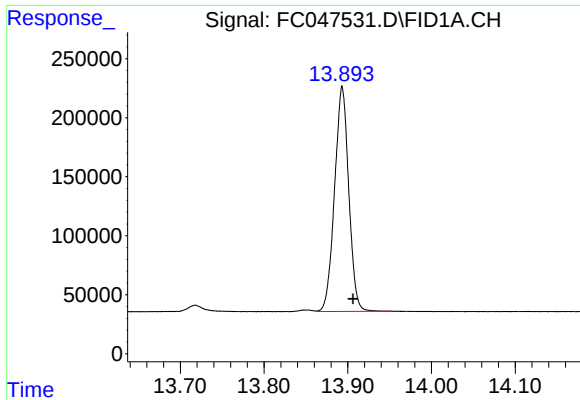
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: -0.014 min
Response: 2259417
Conc: 19.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.149 min
Delta R.T.: -0.012 min
Response: 1935404
Conc: 19.73 ug/ml



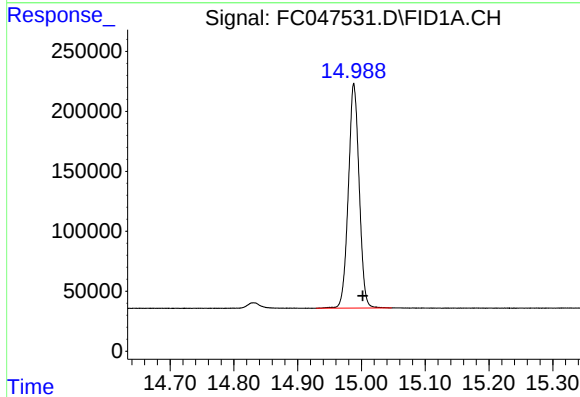
#13 n-Docosane (C22)

R.T.: 13.893 min

Delta R.T.: -0.013 min

Response: 2241688

Conc: 19.73 ug/ml



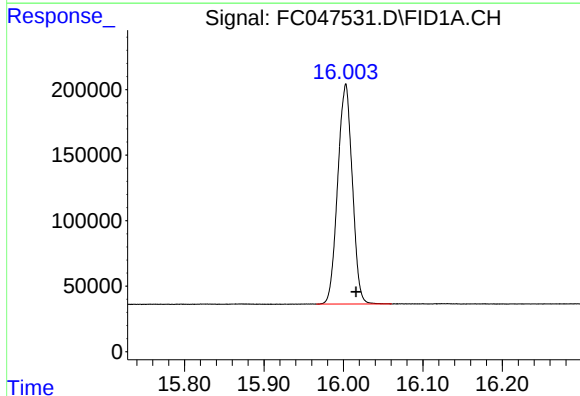
#14 n-Tetracosane (C24)

R.T.: 14.988 min

Delta R.T.: -0.014 min

Response: 2208379

Conc: 19.52 ug/ml



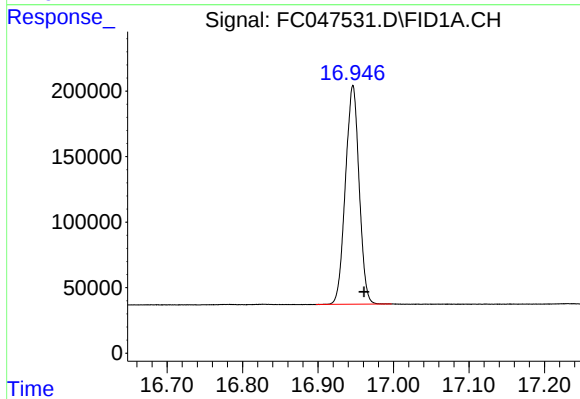
#15 n-Hexacosane (C26)

R.T.: 16.003 min

Delta R.T.: -0.013 min

Response: 2137564

Conc: 19.08 ug/ml



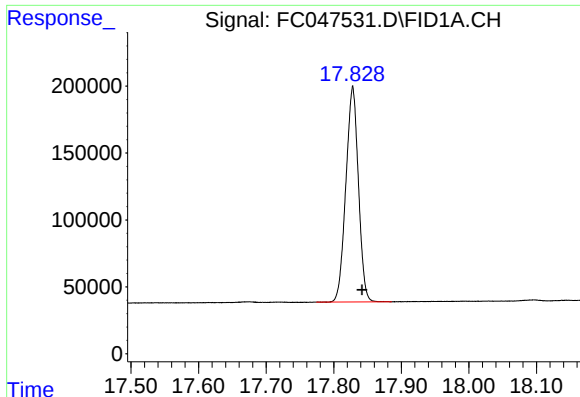
#16 n-Octacosane (C28)

R.T.: 16.946 min

Delta R.T.: -0.015 min

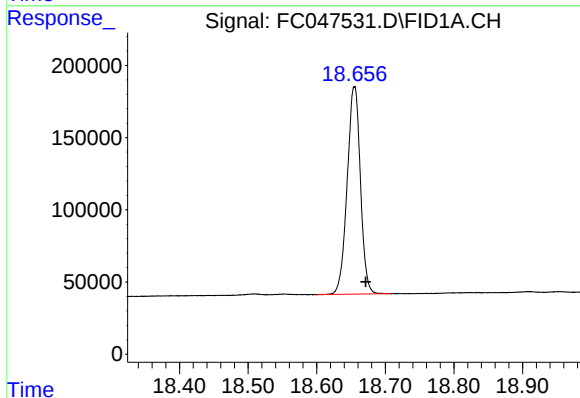
Response: 2109162

Conc: 18.91 ug/ml



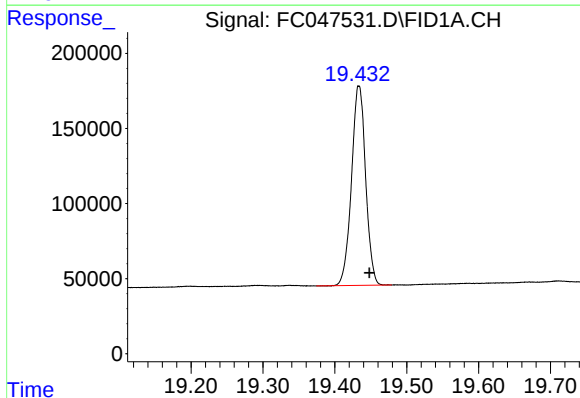
#17 n-Tricontane (C30)

R.T.: 17.828 min
Delta R.T.: -0.014 min
Response: 2074137
Conc: 19.18 ug/ml



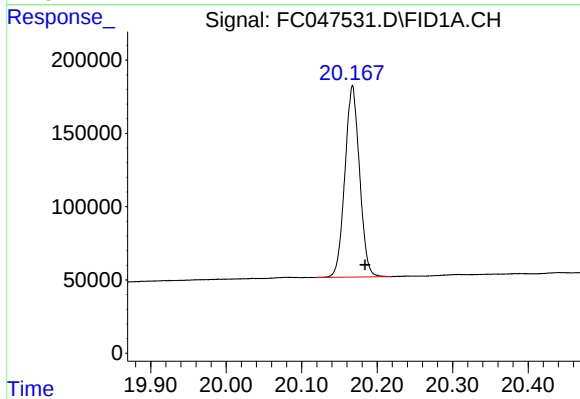
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: -0.017 min
Response: 1927937
Conc: 19.55 ug/ml



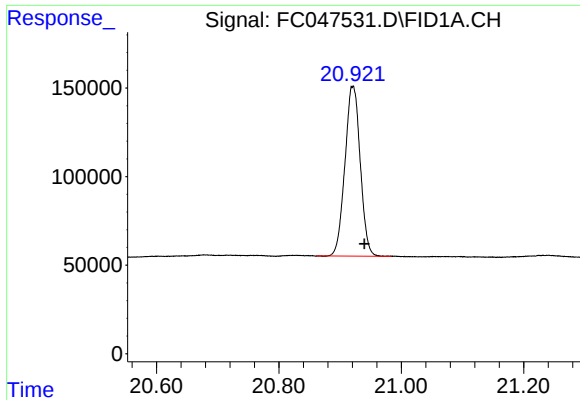
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: -0.015 min
Response: 1810551
Conc: 19.74 ug/ml



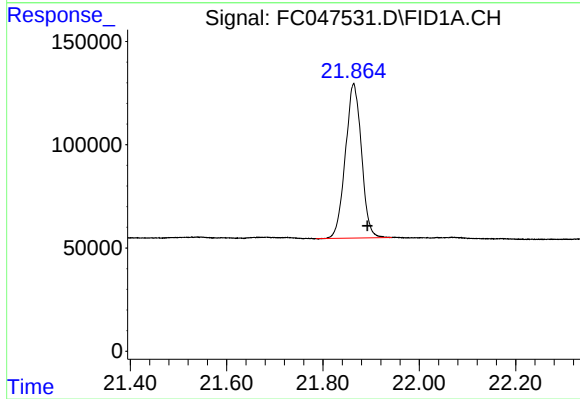
#20 n-Hexatriacontane (C36)

R.T.: 20.167 min
Delta R.T.: -0.017 min
Response: 1763065
Conc: 20.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.921 min
Delta R.T.: -0.019 min
Response: 1664771
Conc: 20.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.864 min
Delta R.T.: -0.028 min
Response: 1739971
Conc: 21.40 ug/ml