

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031120AL\
 Data File : FC046283.D
 Signal(s) : FID1A.CH
 Acq On : 12 Mar 2020 6:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 12 08:58:44 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)	11.758	2183871	19.143 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
12) S 1-chlorooctadecane (S...	13.177	1686809	18.803 ug/ml
Spiked Amount 50.000		Recovery =	37.61%
Target Compounds			
1) T n-Nonane (C9)	3.538	2142550	21.255 ug/ml
2) T n-Decane (C10)	4.607	2154737	21.363 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2259753	20.352 ug/ml
4) T n-Dodecane (C12)	6.616	2167537	21.246 ug/ml
5) T A~2-methylnaphthalene...	7.258	2250248	20.230 ug/ml
6) T n-Tetradecane (C14)	8.401	2145619	20.960 ug/ml
7) T n-Hexadecane (C16)	9.992	2118719	20.463 ug/ml
8) T n-Octadecane (C18)	11.427	2094247	19.922 ug/ml
10) T n-Eicosane (C20)	12.730	2044560	19.341 ug/ml
11) T n-Heneicosane (C21)	13.340	2035130	19.081 ug/ml
13) T n-Docosane (C22)	13.922	2000997	18.832 ug/ml
14) T n-Tetracosane (C24)	15.021	1972951	18.434 ug/ml
15) T n-Hexacosane (C26)	16.037	1932709	18.184 ug/ml
16) T n-Octacosane (C28)	16.983	1895955	18.109 ug/ml
17) T n-Tricontane (C30)	17.866	1851572	18.374 ug/ml
18) T n-Dotriacontane (C32)	18.691	1601915	18.718 ug/ml
19) T n-Tetratriacontane (C34)	19.473	1401631	19.312 ug/ml
20) T n-Hexatriacontane (C36)	20.208	1337997	19.785 ug/ml
21) T n-Octatriacontane (C38)	20.973	1306391	21.614 ug/ml
22) T n-Tetracontane (C40)	21.936	1352033	21.505 ug/ml

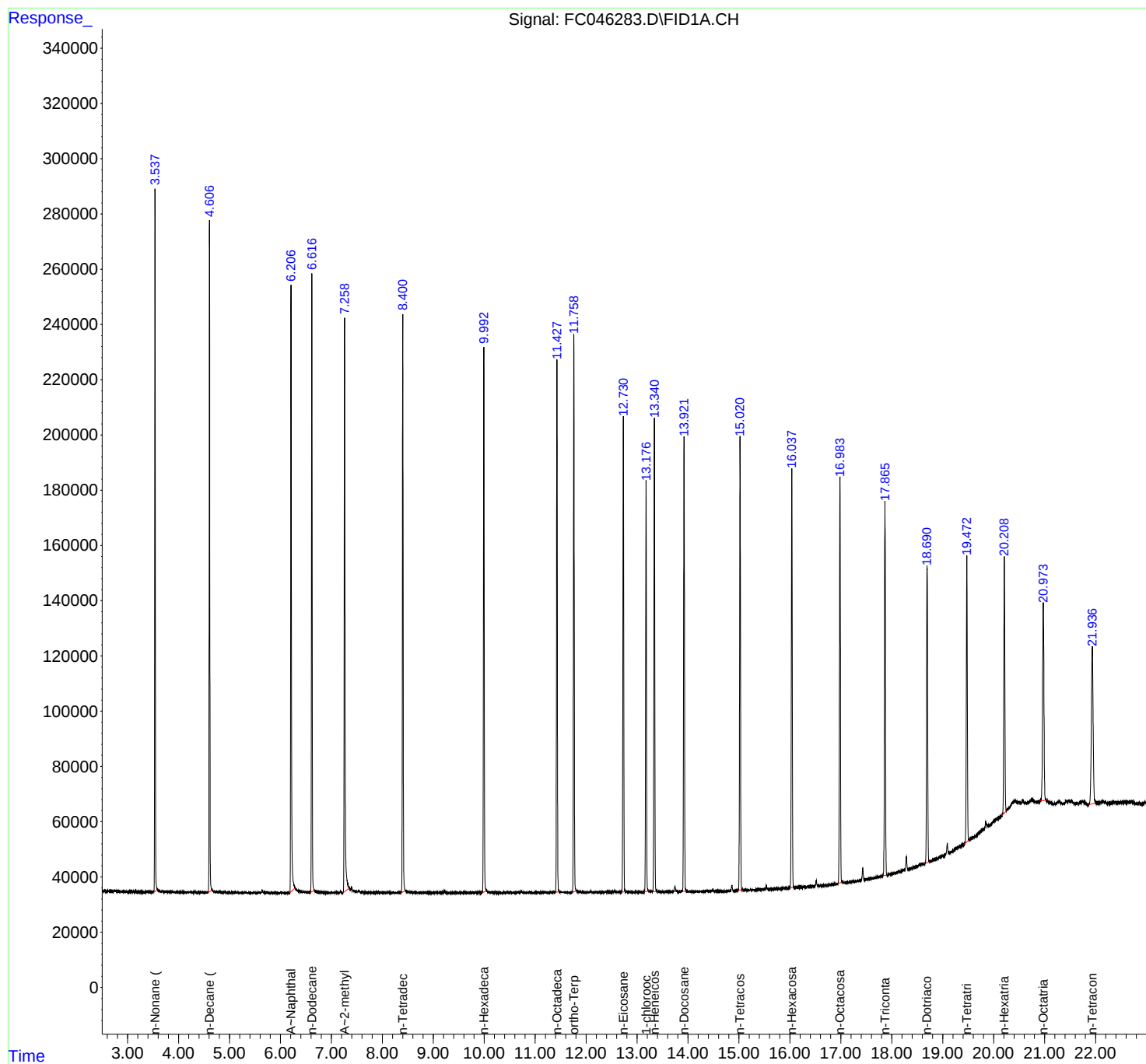
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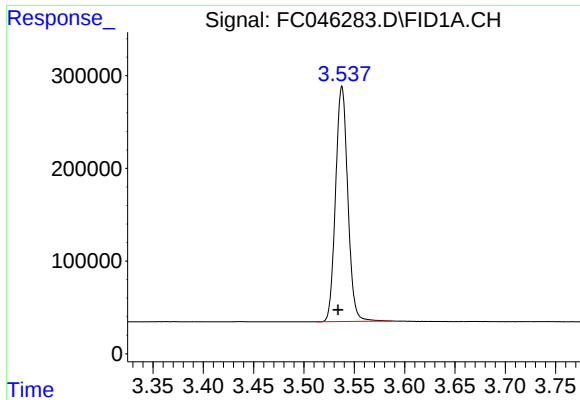
(m)=manual int.

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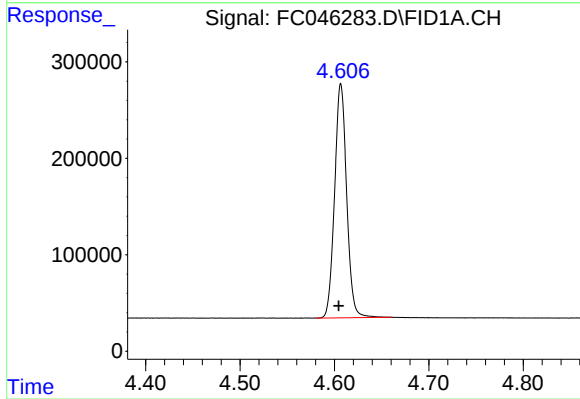
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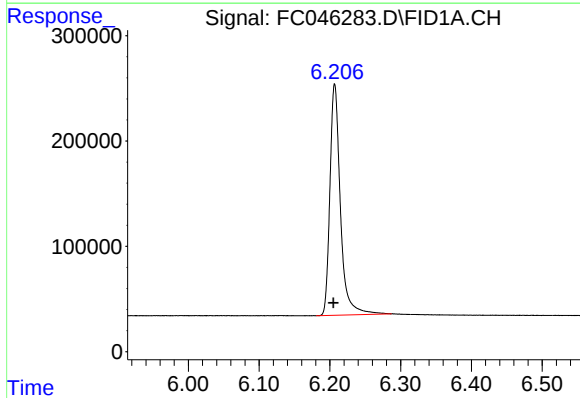
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: 0.004 min
Response: 2142550
Conc: 21.26 ug/ml



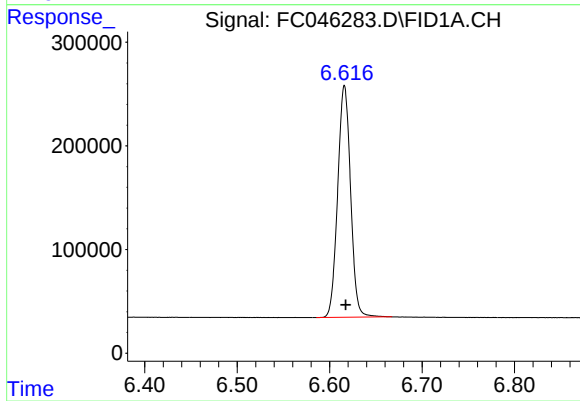
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 2154737
Conc: 21.36 ug/ml



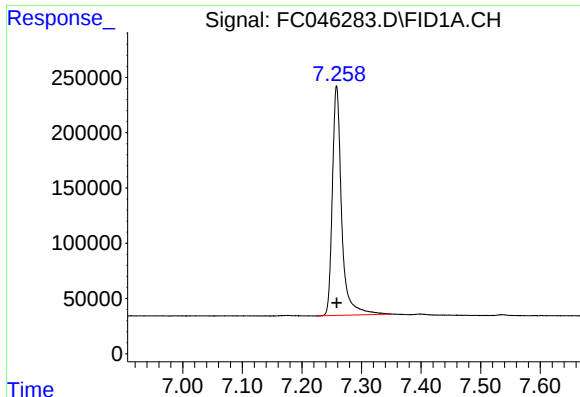
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 2259753
Conc: 20.35 ug/ml



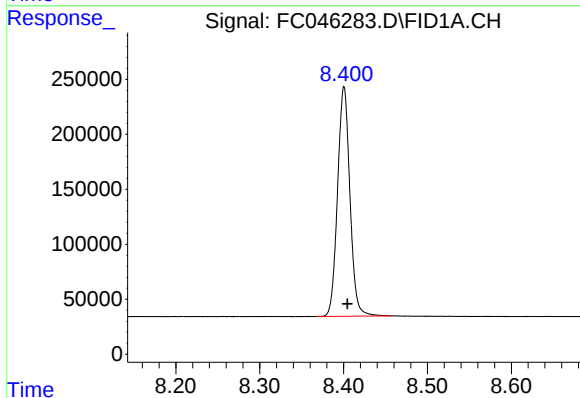
#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: -0.001 min
Response: 2167537
Conc: 21.25 ug/ml



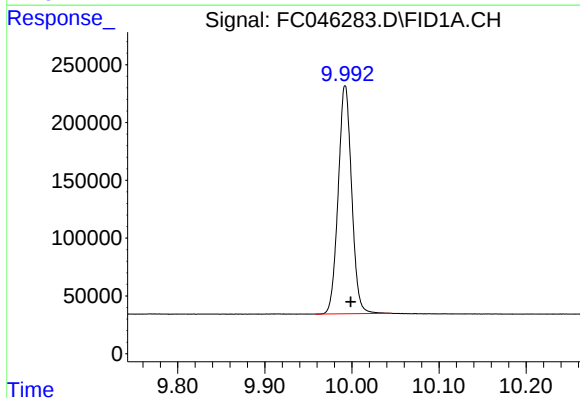
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 2250248
Conc: 20.23 ug/ml



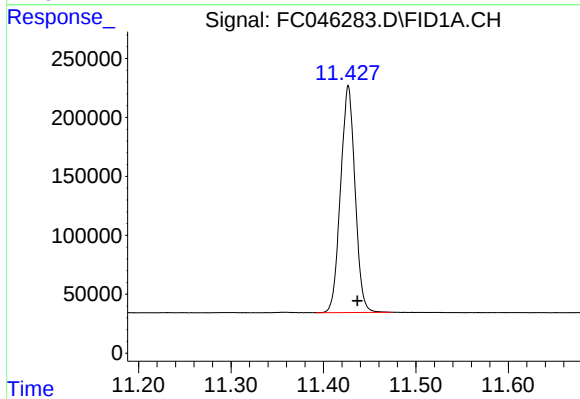
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: -0.004 min
Response: 2145619
Conc: 20.96 ug/ml



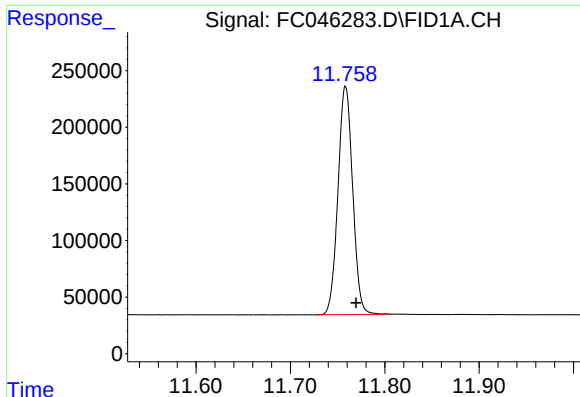
#7 n-Hexadecane (C16)

R.T.: 9.992 min
Delta R.T.: -0.007 min
Response: 2118719
Conc: 20.46 ug/ml



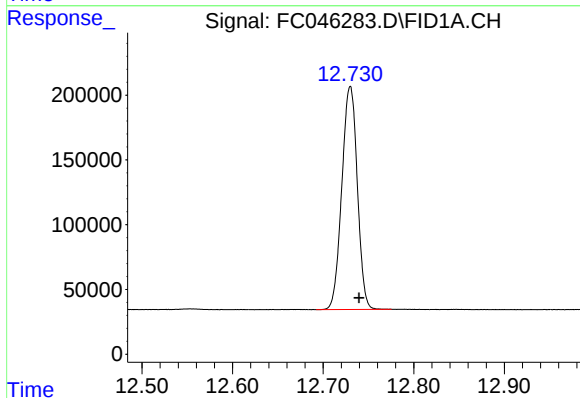
#8 n-Octadecane (C18)

R.T.: 11.427 min
Delta R.T.: -0.010 min
Response: 2094247
Conc: 19.92 ug/ml



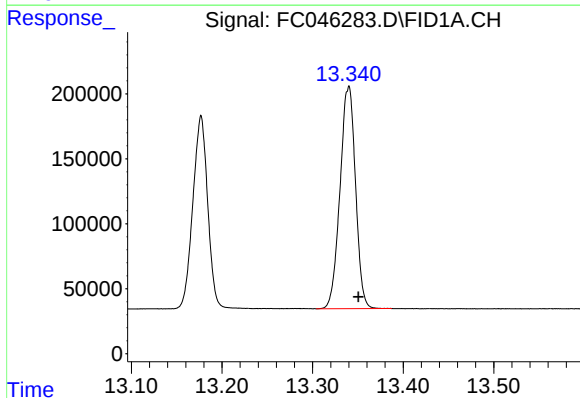
#9 ortho-Terphenyl (SURR)

R.T.: 11.758 min
Delta R.T.: -0.011 min
Response: 2183871
Conc: 19.14 ug/ml



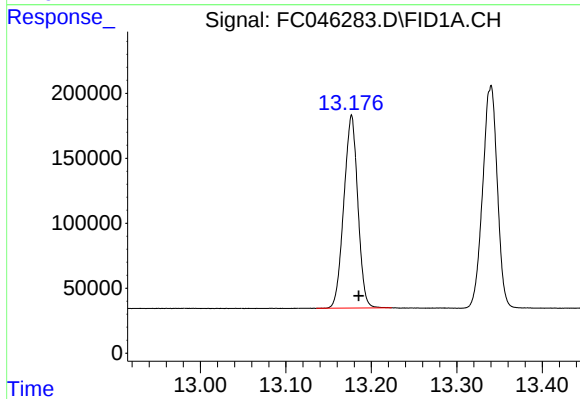
#10 n-Eicosane (C20)

R.T.: 12.730 min
Delta R.T.: -0.010 min
Response: 2044560
Conc: 19.34 ug/ml



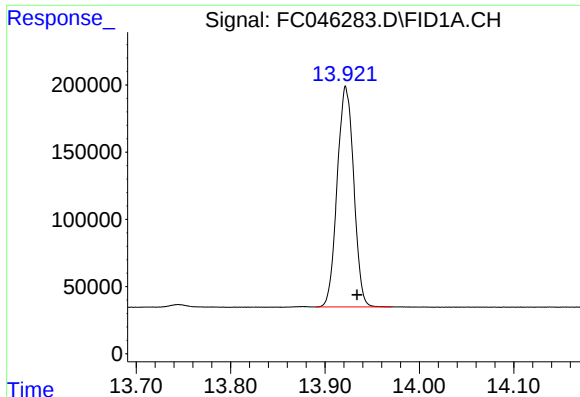
#11 n-Heneicosane (C21)

R.T.: 13.340 min
Delta R.T.: -0.011 min
Response: 2035130
Conc: 19.08 ug/ml



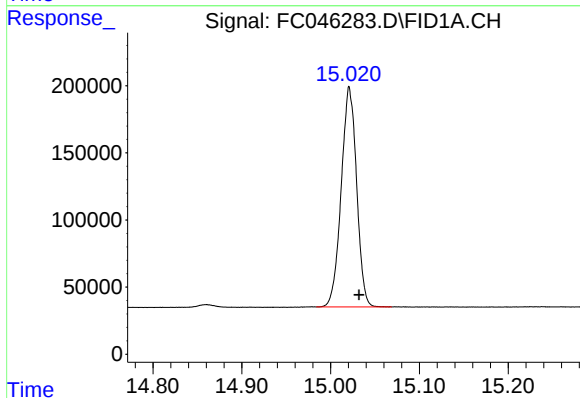
#12 1-chlorooctadecane (SURR)

R.T.: 13.177 min
Delta R.T.: -0.009 min
Response: 1686809
Conc: 18.80 ug/ml



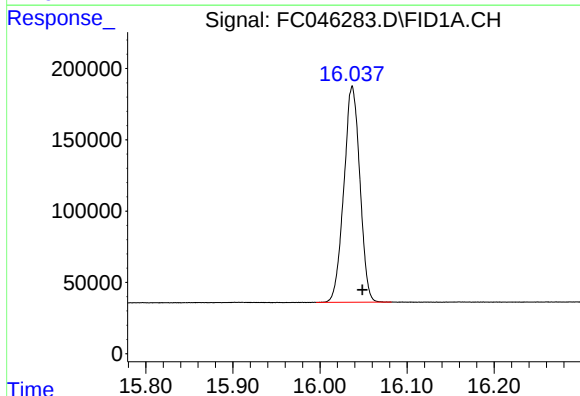
#13 n-Docosane (C22)

R.T.: 13.922 min
Delta R.T.: -0.012 min
Response: 2000997
Conc: 18.83 ug/ml



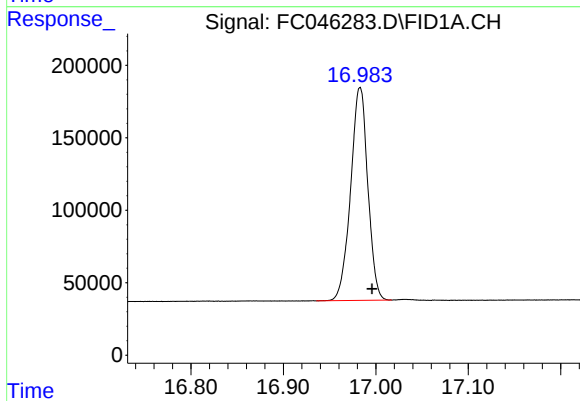
#14 n-Tetracosane (C24)

R.T.: 15.021 min
Delta R.T.: -0.011 min
Response: 1972951
Conc: 18.43 ug/ml



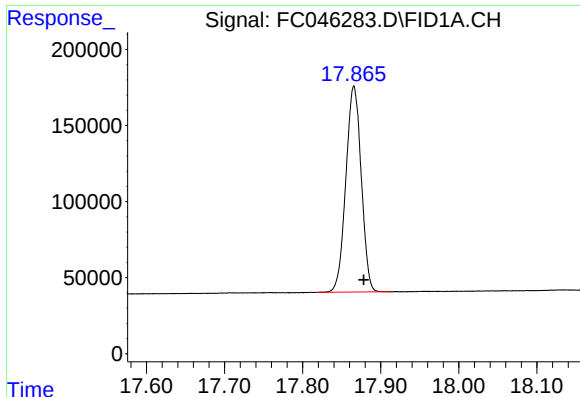
#15 n-Hexacosane (C26)

R.T.: 16.037 min
Delta R.T.: -0.012 min
Response: 1932709
Conc: 18.18 ug/ml



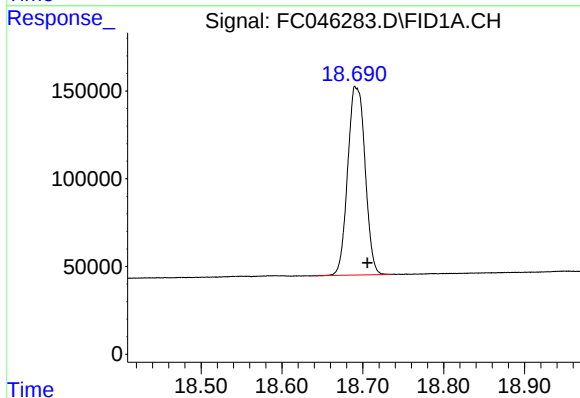
#16 n-Octacosane (C28)

R.T.: 16.983 min
Delta R.T.: -0.013 min
Response: 1895955
Conc: 18.11 ug/ml



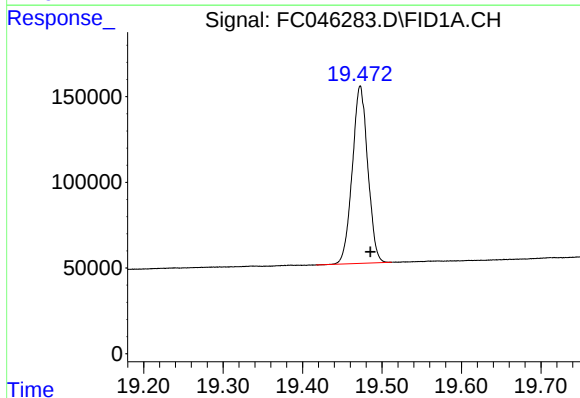
#17 n-Tricontane (C30)

R.T.: 17.866 min
Delta R.T.: -0.013 min
Response: 1851572
Conc: 18.37 ug/ml



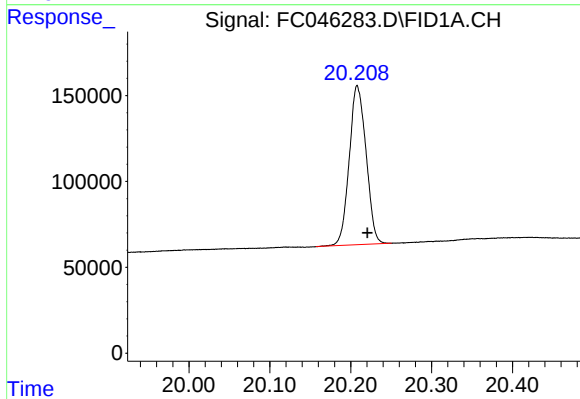
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: -0.015 min
Response: 1601915
Conc: 18.72 ug/ml



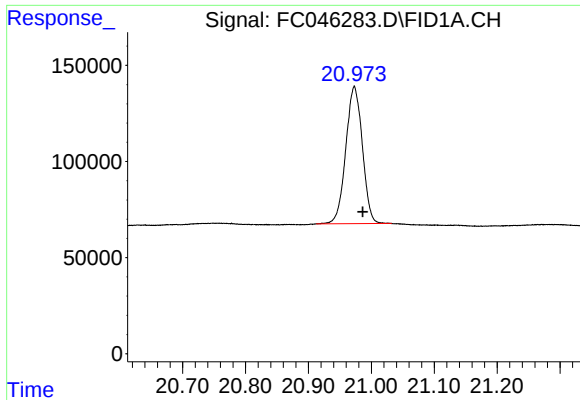
#19 n-Tetratriacontane (C34)

R.T.: 19.473 min
Delta R.T.: -0.013 min
Response: 1401631
Conc: 19.31 ug/ml



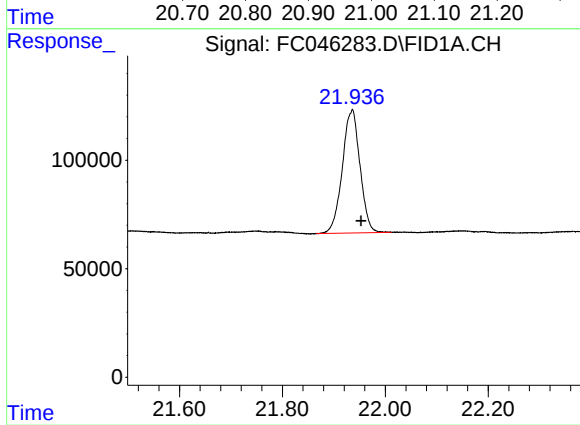
#20 n-Hexatriacontane (C36)

R.T.: 20.208 min
Delta R.T.: -0.013 min
Response: 1337997
Conc: 19.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.973 min
Delta R.T.: -0.013 min
Response: 1306391
Conc: 21.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.936 min
Delta R.T.: -0.017 min
Response: 1352033
Conc: 21.50 ug/ml