

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031120AL\
 Data File : FC046263.D
 Signal(s) : FID1A.CH
 Acq On : 11 Mar 2020 18:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 12 04:02:21 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)	11.759	2211764	19.388 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
12) S 1-chlorooctadecane (S...	13.177	1719378	19.166 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
Target Compounds			
1) T n-Nonane (C9)	3.538	2181418	21.641 ug/ml
2) T n-Decane (C10)	4.607	2186334	21.676 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2296930	20.686 ug/ml
4) T n-Dodecane (C12)	6.616	2212654	21.688 ug/ml
5) T A~2-methylnaphthalene...	7.258	2288016	20.569 ug/ml
6) T n-Tetradecane (C14)	8.401	2188334	21.377 ug/ml
7) T n-Hexadecane (C16)	9.992	2172249	20.980 ug/ml
8) T n-Octadecane (C18)	11.427	2152667	20.478 ug/ml
10) T n-Eicosane (C20)	12.729	2097625	19.843 ug/ml
11) T n-Heneicosane (C21)	13.339	2083032	19.530 ug/ml
13) T n-Docosane (C22)	13.922	2041805	19.216 ug/ml
14) T n-Tetracosane (C24)	15.021	1999761	18.685 ug/ml
15) T n-Hexacosane (C26)	16.037	1944176	18.292 ug/ml
16) T n-Octacosane (C28)	16.982	1890865	18.060 ug/ml
17) T n-Tricontane (C30)	17.865	1832863	18.188 ug/ml
18) T n-Dotriacontane (C32)	18.693	1571698	18.364 ug/ml
19) T n-Tetratriacontane (C34)	19.475	1372988	18.917 ug/ml
20) T n-Hexatriacontane (C36)	20.209	1315205	19.448 ug/ml
21) T n-Octatriacontane (C38)	20.972	1284455	21.251 ug/ml
22) T n-Tetracontane (C40)	21.931	1297689	20.640 ug/ml

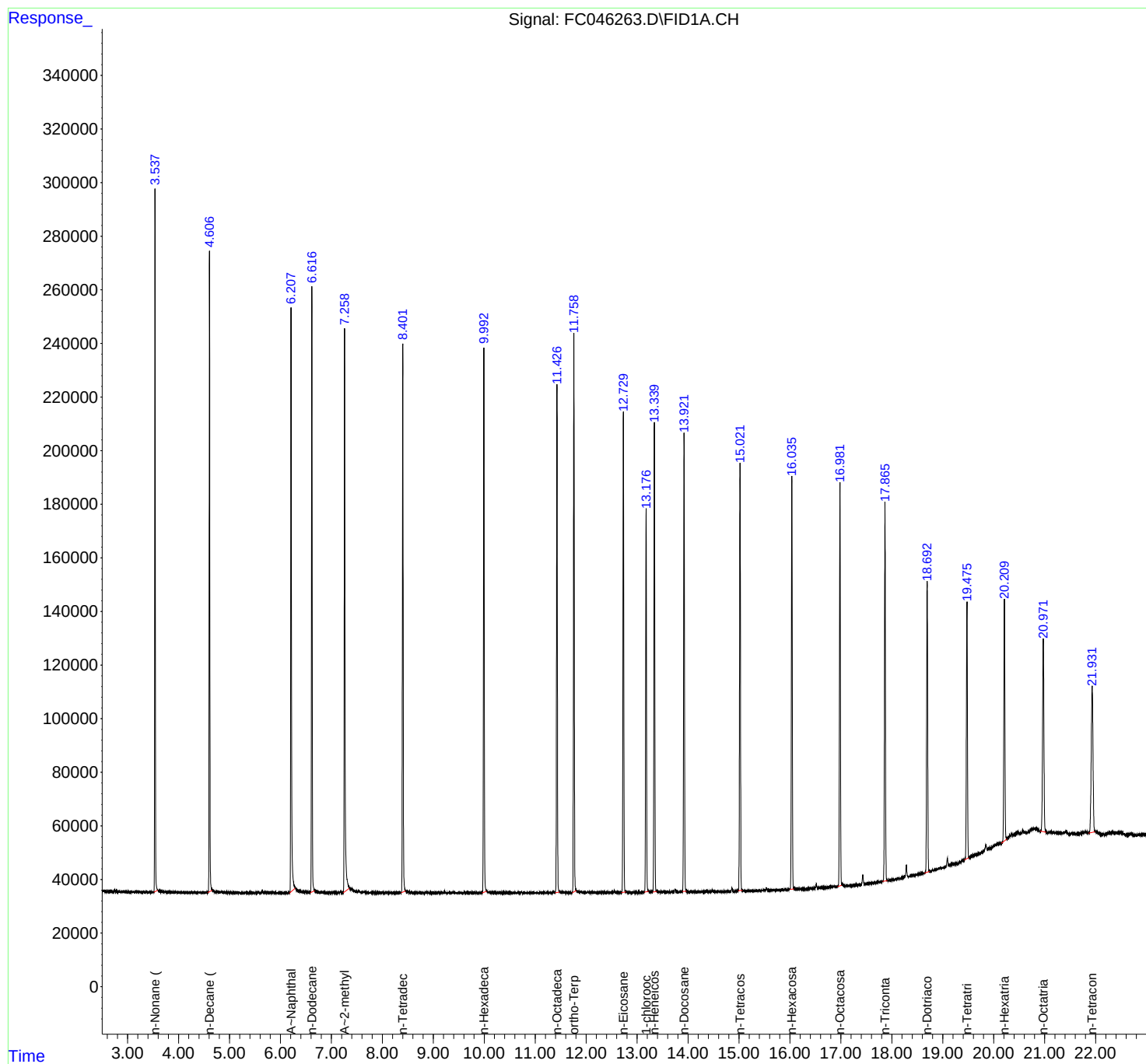
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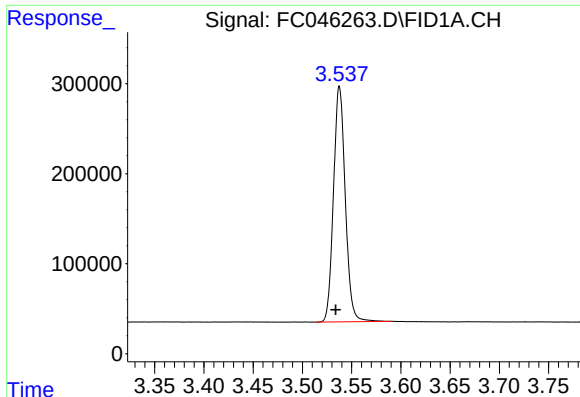
(m)=manual int.

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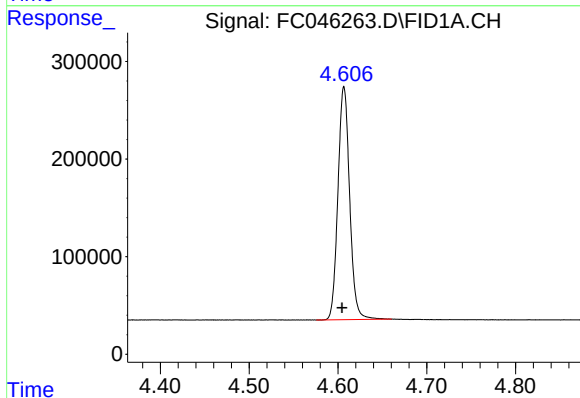
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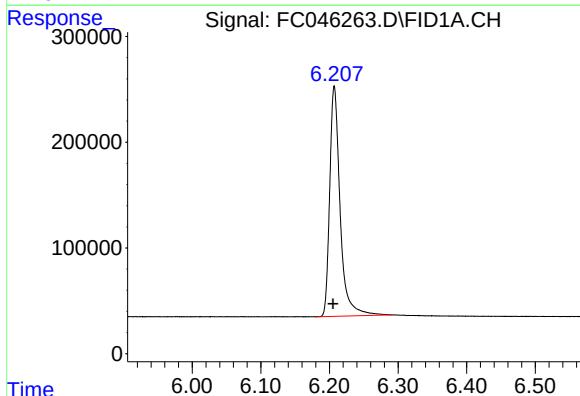
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: 0.004 min
Response: 2181418
Conc: 21.64 ug/ml



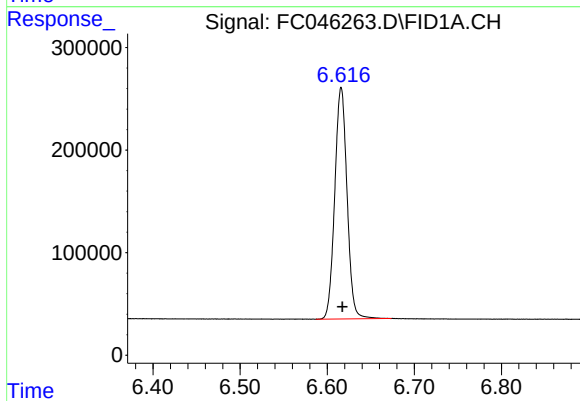
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.002 min
Response: 2186334
Conc: 21.68 ug/ml



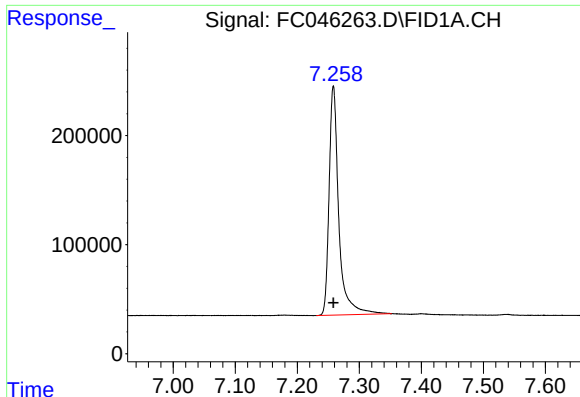
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 2296930
Conc: 20.69 ug/ml



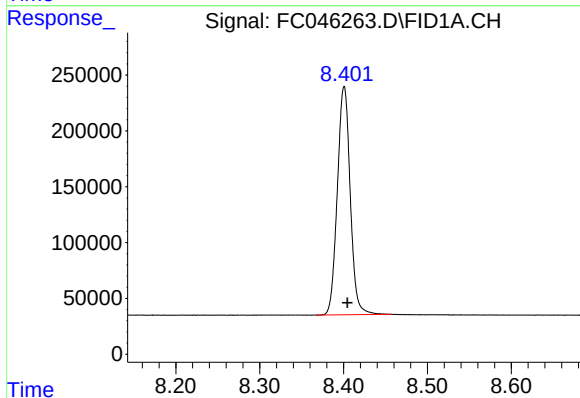
#4 n-Dodecane (C12)

R.T.: 6.616 min
Delta R.T.: -0.001 min
Response: 2212654
Conc: 21.69 ug/ml



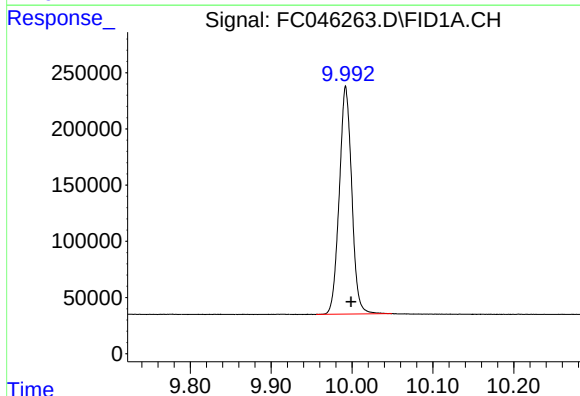
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 2288016
Conc: 20.57 ug/ml



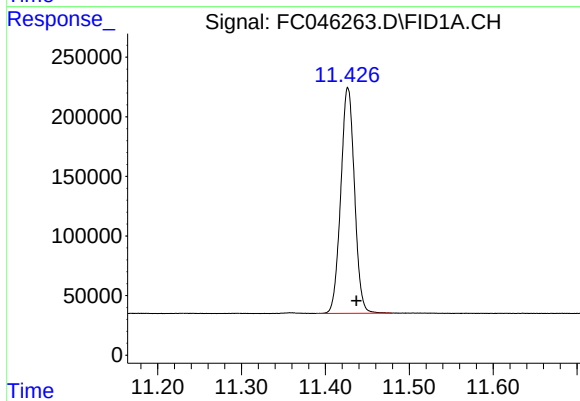
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: -0.004 min
Response: 2188334
Conc: 21.38 ug/ml



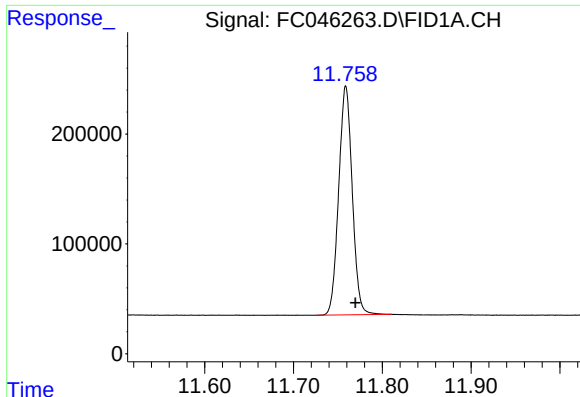
#7 n-Hexadecane (C16)

R.T.: 9.992 min
Delta R.T.: -0.007 min
Response: 2172249
Conc: 20.98 ug/ml



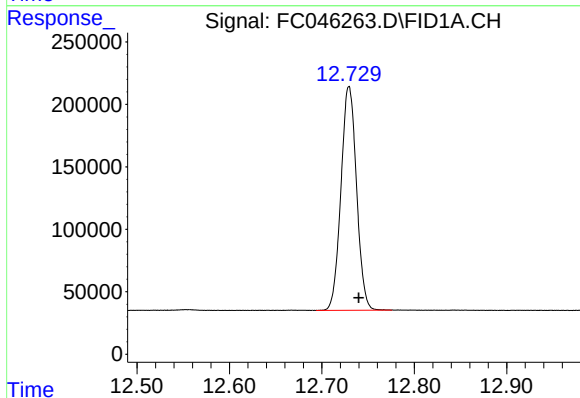
#8 n-Octadecane (C18)

R.T.: 11.427 min
Delta R.T.: -0.010 min
Response: 2152667
Conc: 20.48 ug/ml



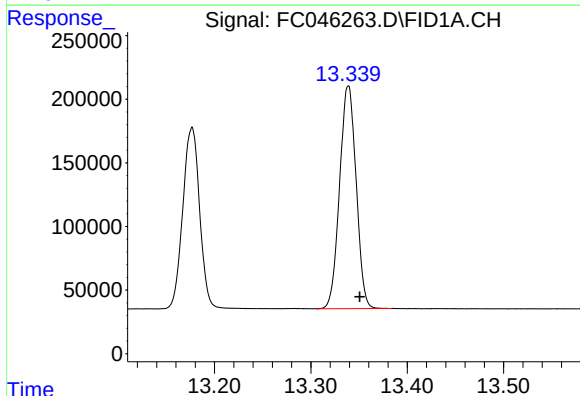
#9 ortho-Terphenyl (SURR)

R.T.: 11.759 min
Delta R.T.: -0.011 min
Response: 2211764
Conc: 19.39 ug/ml



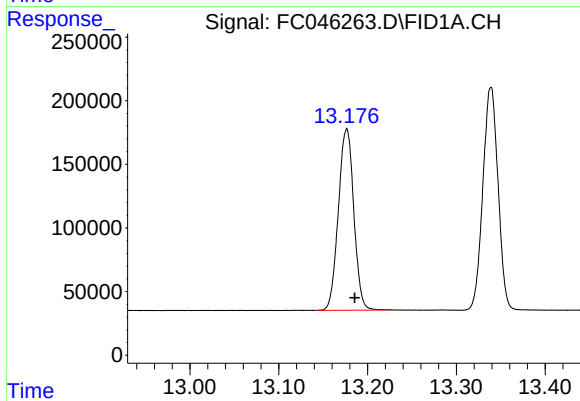
#10 n-Eicosane (C20)

R.T.: 12.729 min
Delta R.T.: -0.010 min
Response: 2097625
Conc: 19.84 ug/ml



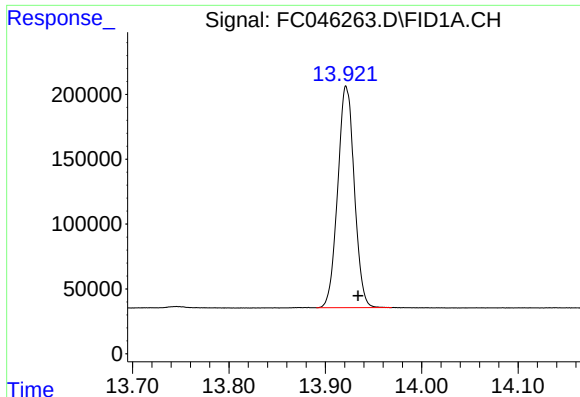
#11 n-Heneicosane (C21)

R.T.: 13.339 min
Delta R.T.: -0.012 min
Response: 2083032
Conc: 19.53 ug/ml



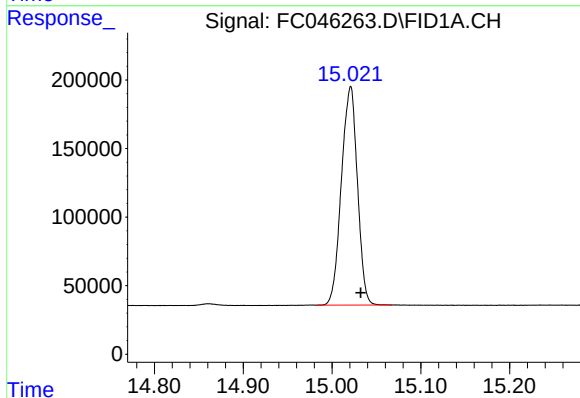
#12 1-chlorooctadecane (SURR)

R.T.: 13.177 min
Delta R.T.: -0.009 min
Response: 1719378
Conc: 19.17 ug/ml



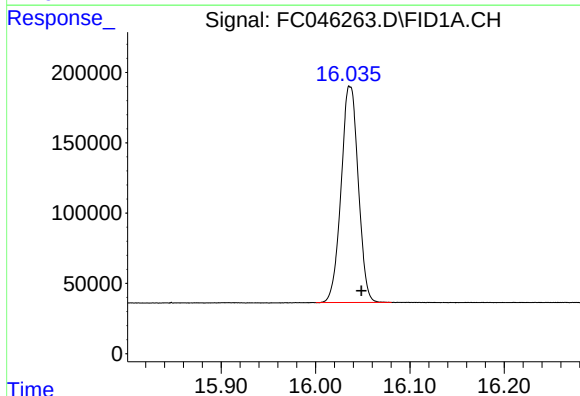
#13 n-Docosane (C22)

R.T.: 13.922 min
Delta R.T.: -0.012 min
Response: 2041805
Conc: 19.22 ug/ml



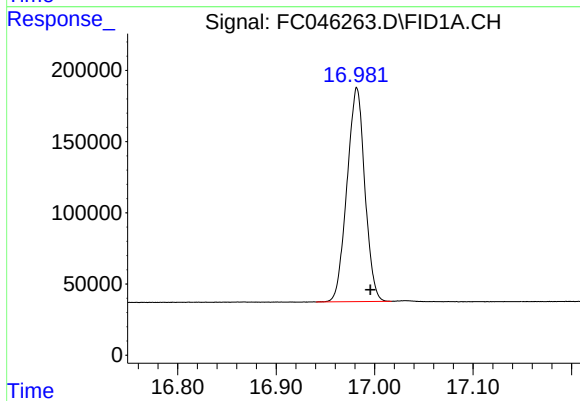
#14 n-Tetracosane (C24)

R.T.: 15.021 min
Delta R.T.: -0.011 min
Response: 1999761
Conc: 18.68 ug/ml



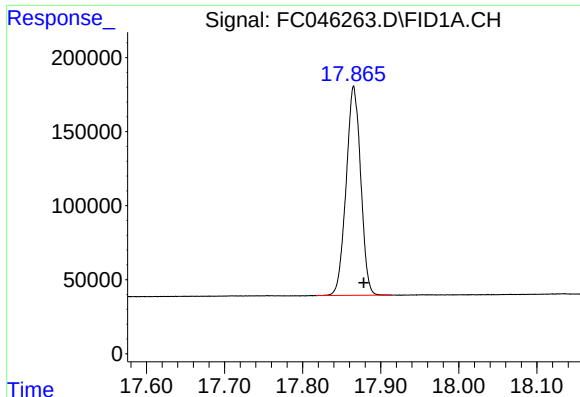
#15 n-Hexacosane (C26)

R.T.: 16.037 min
Delta R.T.: -0.012 min
Response: 1944176
Conc: 18.29 ug/ml



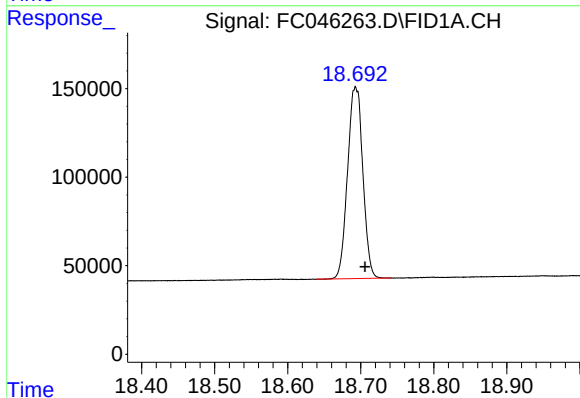
#16 n-Octacosane (C28)

R.T.: 16.982 min
Delta R.T.: -0.014 min
Response: 1890865
Conc: 18.06 ug/ml



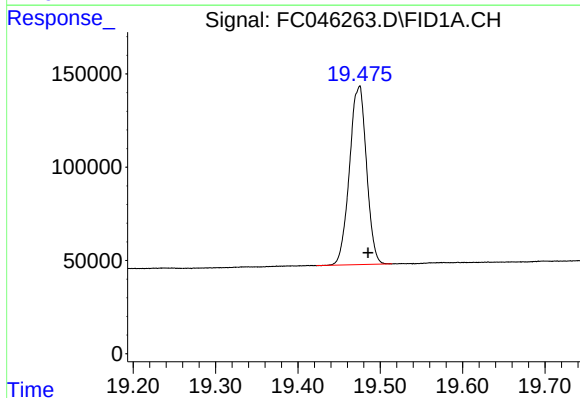
#17 n-Tricontane (C30)

R.T.: 17.865 min
Delta R.T.: -0.013 min
Response: 1832863
Conc: 18.19 ug/ml



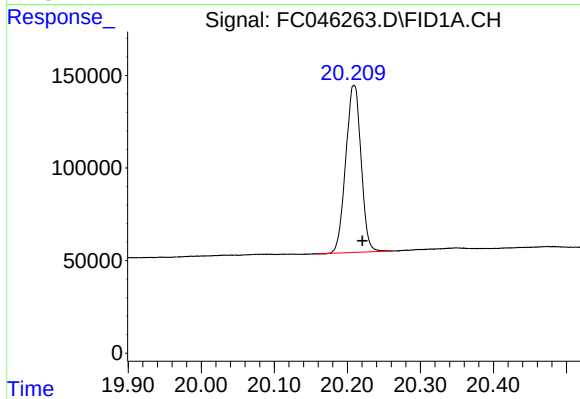
#18 n-Dotriacontane (C32)

R.T.: 18.693 min
Delta R.T.: -0.013 min
Response: 1571698
Conc: 18.36 ug/ml



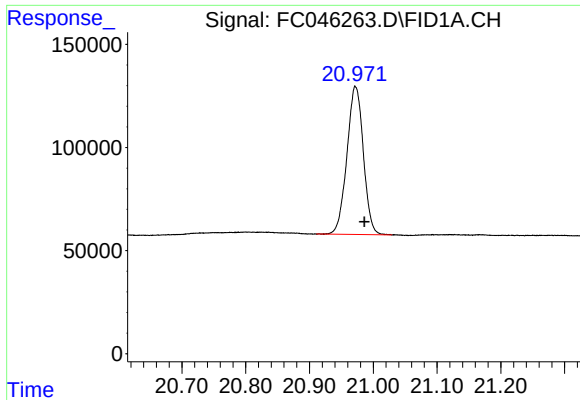
#19 n-Tetratriacontane (C34)

R.T.: 19.475 min
Delta R.T.: -0.011 min
Response: 1372988
Conc: 18.92 ug/ml



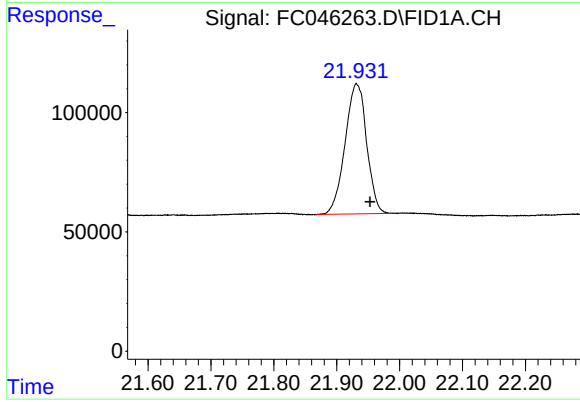
#20 n-Hexatriacontane (C36)

R.T.: 20.209 min
Delta R.T.: -0.012 min
Response: 1315205
Conc: 19.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.972 min
Delta R.T.: -0.014 min
Response: 1284455
Conc: 21.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.931 min
Delta R.T.: -0.022 min
Response: 1297689
Conc: 20.64 ug/ml