

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031120AL\
 Data File : FC046253.D
 Signal(s) : FID1A.CH
 Acq On : 11 Mar 2020 10:46
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 11 17:54:08 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	2168207	19.006 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
12) S 1-chlorooctadecane (S...	13.175	1668933	18.604 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
Target Compounds			
1) T n-Nonane (C9)	3.537	2140861	21.238 ug/ml
2) T n-Decane (C10)	4.606	2143386	21.251 ug/ml
3) T A~Naphthalene (C11.7)	6.205	2247063	20.237 ug/ml
4) T n-Dodecane (C12)	6.615	2166823	21.239 ug/ml
5) T A~2-methylnaphthalene...	7.257	2221666	19.973 ug/ml
6) T n-Tetradecane (C14)	8.399	2144529	20.949 ug/ml
7) T n-Hexadecane (C16)	9.991	2122179	20.497 ug/ml
8) T n-Octadecane (C18)	11.427	2099705	19.974 ug/ml
10) T n-Eicosane (C20)	12.729	2049535	19.388 ug/ml
11) T n-Heneicosane (C21)	13.337	2036880	19.097 ug/ml
13) T n-Docosane (C22)	13.921	1999262	18.815 ug/ml
14) T n-Tetracosane (C24)	15.020	1960120	18.314 ug/ml
15) T n-Hexacosane (C26)	16.036	1908268	17.954 ug/ml
16) T n-Octacosane (C28)	16.982	1857719	17.744 ug/ml
17) T n-Tricontane (C30)	17.865	1796711	17.829 ug/ml
18) T n-Dotriacontane (C32)	18.691	1542974	18.029 ug/ml
19) T n-Tetratriacontane (C34)	19.471	1349036	18.587 ug/ml
20) T n-Hexatriacontane (C36)	20.207	1300876	19.236 ug/ml
21) T n-Octatriacontane (C38)	20.968	1311249	21.694 ug/ml
22) T n-Tetracontane (C40)	21.927	1255062	19.962 ug/ml

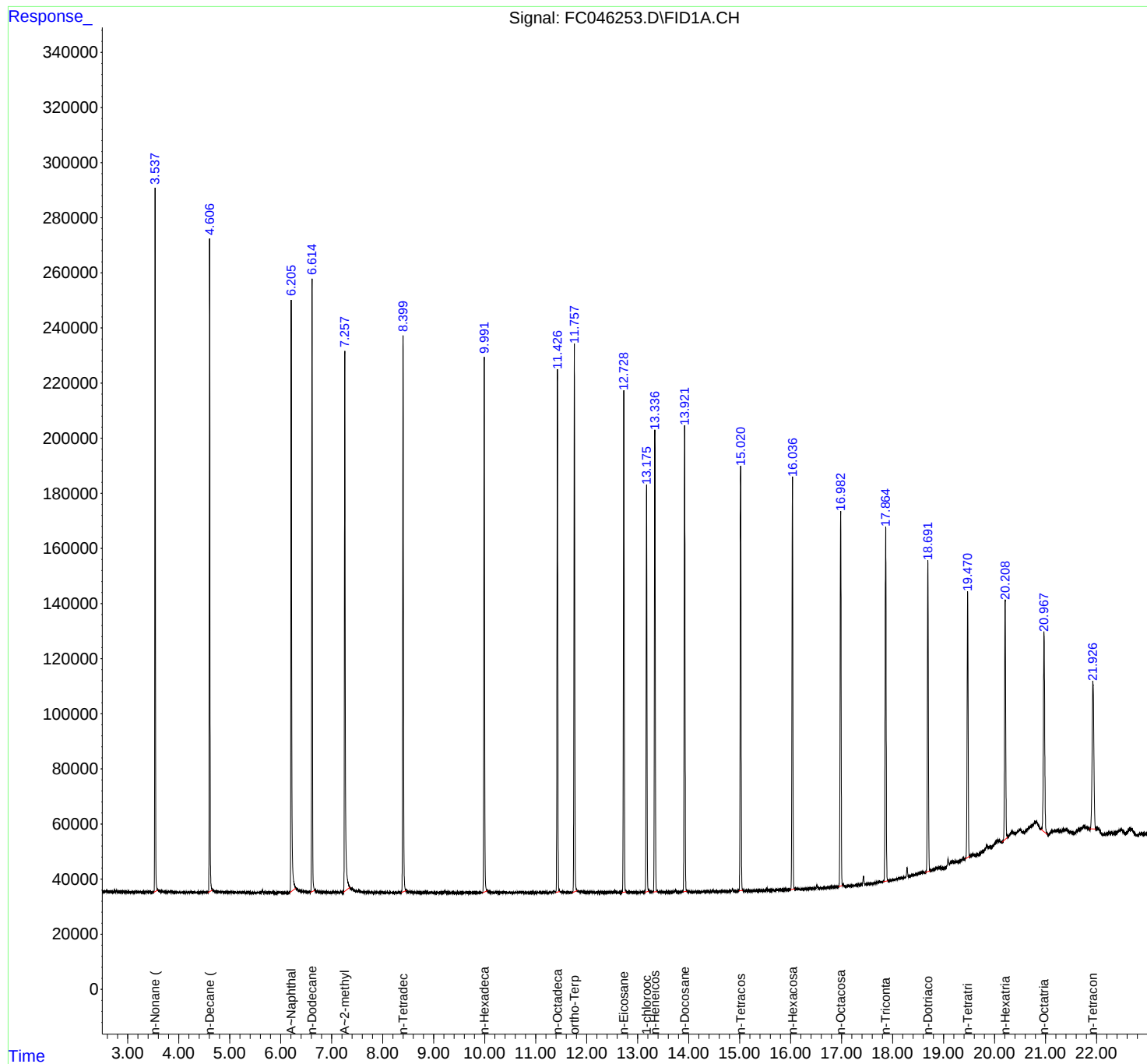
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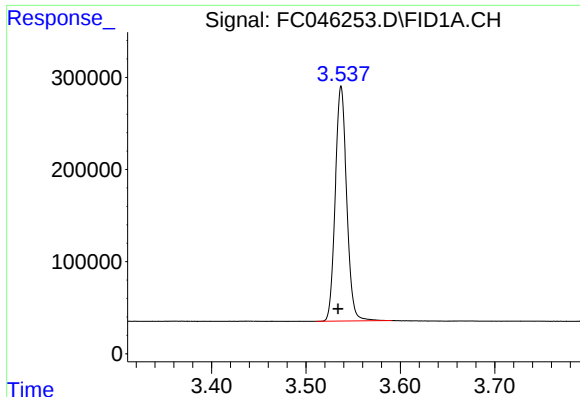
(m)=manual int.

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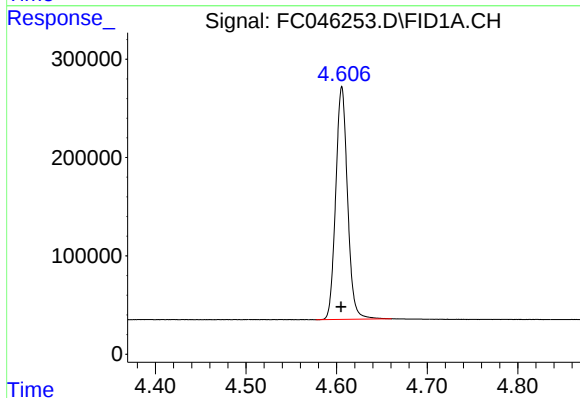
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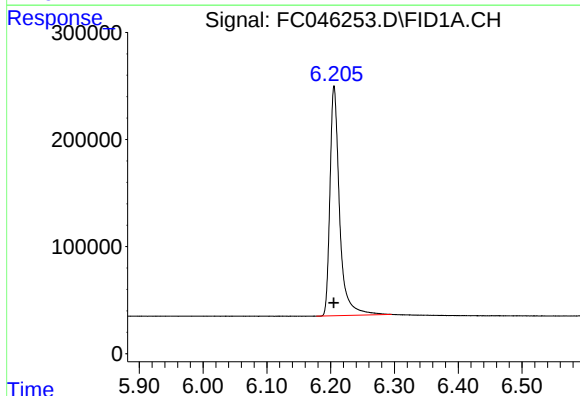
#1 n-Nonane (C9)

R.T.: 3.537 min
Delta R.T.: 0.003 min
Response: 2140861
Conc: 21.24 ug/ml



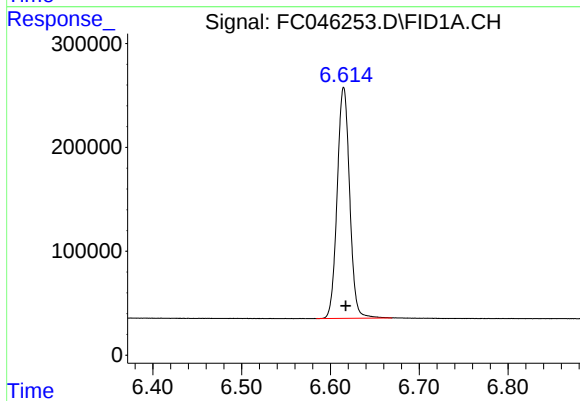
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.001 min
Response: 2143386
Conc: 21.25 ug/ml



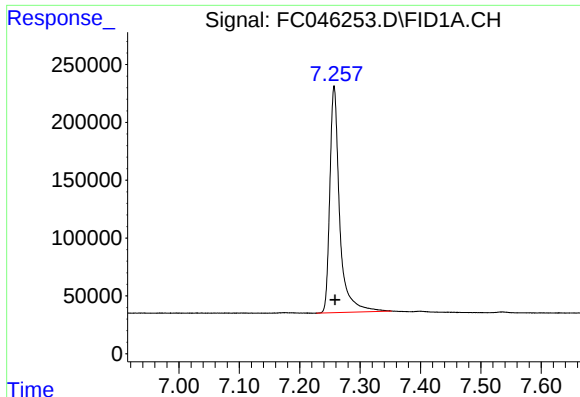
#3 A~Naphthalene (C11.7)

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 2247063
Conc: 20.24 ug/ml



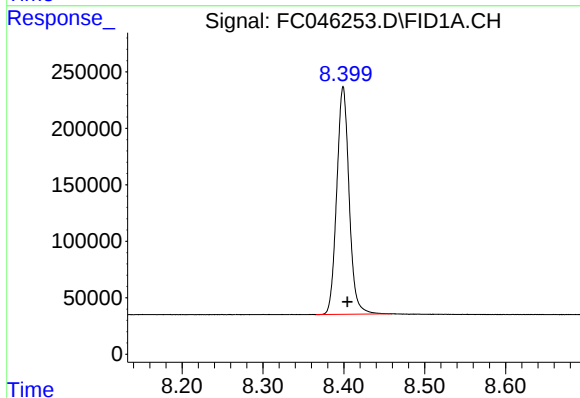
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 2166823
Conc: 21.24 ug/ml



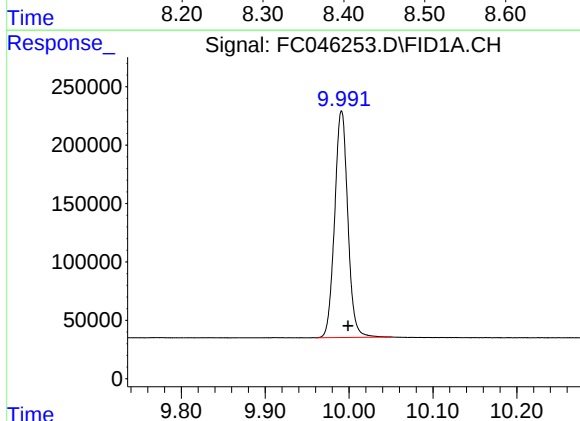
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.001 min
Response: 2221666
Conc: 19.97 ug/ml



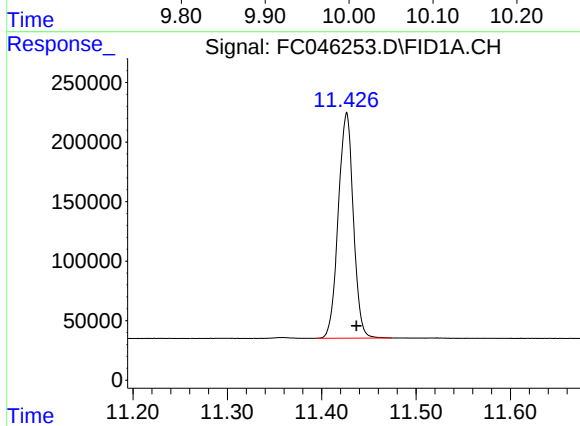
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: -0.005 min
Response: 2144529
Conc: 20.95 ug/ml



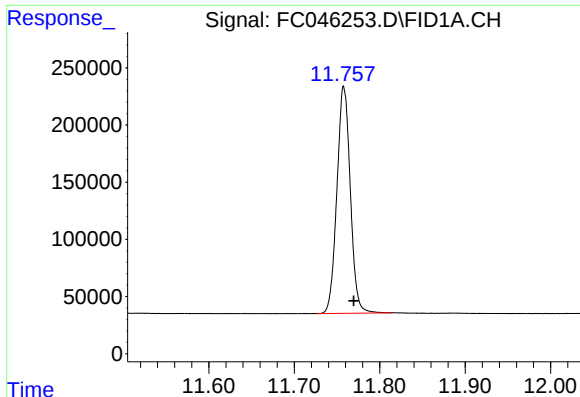
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: -0.008 min
Response: 2122179
Conc: 20.50 ug/ml



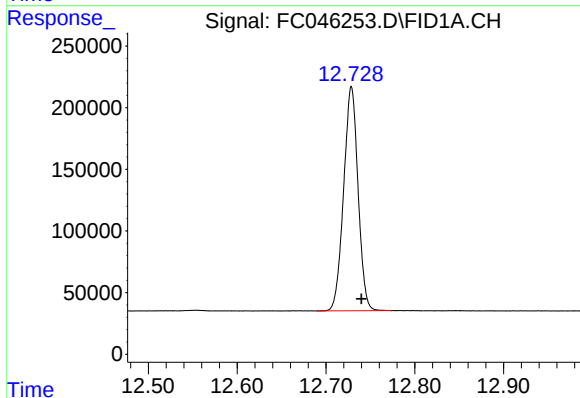
#8 n-Octadecane (C18)

R.T.: 11.427 min
Delta R.T.: -0.010 min
Response: 2099705
Conc: 19.97 ug/ml



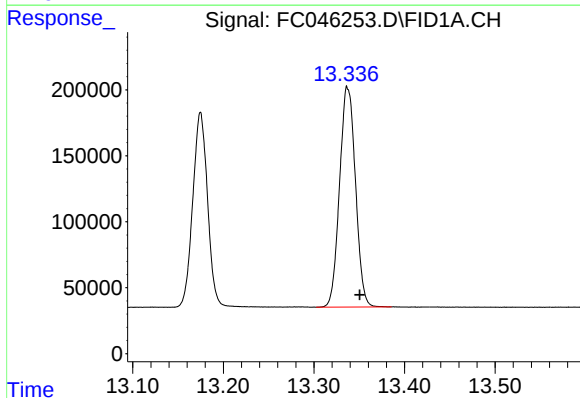
#9 ortho-Terphenyl (SURR)

R.T.: 11.758 min
Delta R.T.: -0.012 min
Response: 2168207
Conc: 19.01 ug/ml



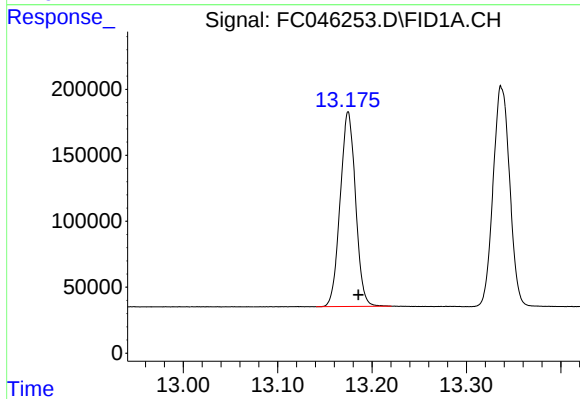
#10 n-Eicosane (C20)

R.T.: 12.729 min
Delta R.T.: -0.011 min
Response: 2049535
Conc: 19.39 ug/ml



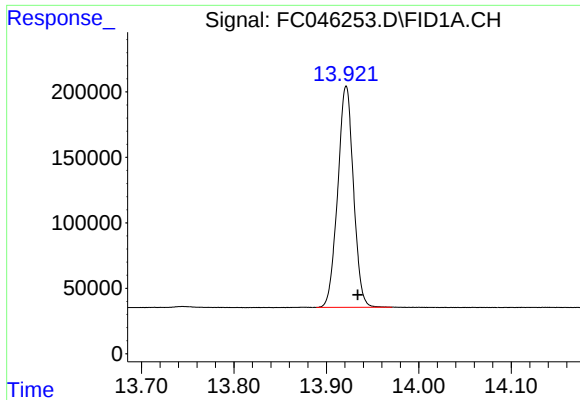
#11 n-Heneicosane (C21)

R.T.: 13.337 min
Delta R.T.: -0.013 min
Response: 2036880
Conc: 19.10 ug/ml



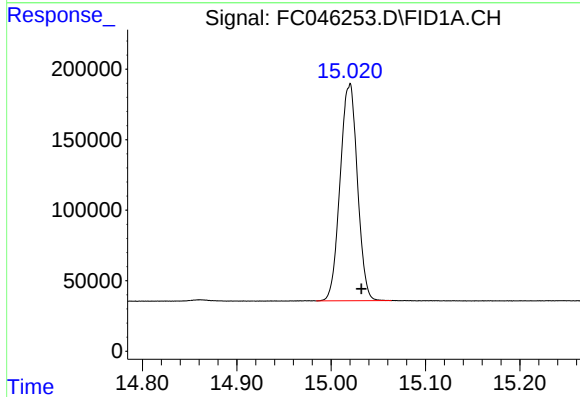
#12 1-chlorooctadecane (SURR)

R.T.: 13.175 min
Delta R.T.: -0.011 min
Response: 1668933
Conc: 18.60 ug/ml



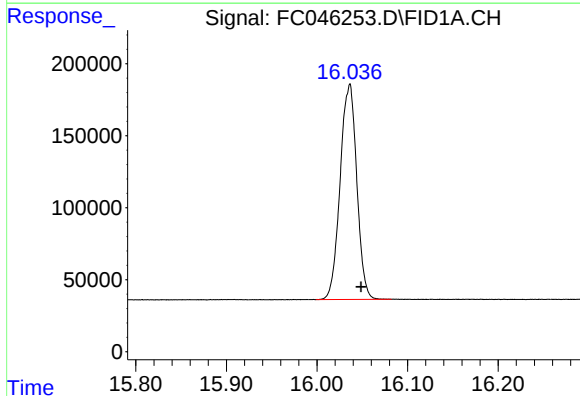
#13 n-Docosane (C22)

R.T.: 13.921 min
Delta R.T.: -0.013 min
Response: 1999262
Conc: 18.82 ug/ml



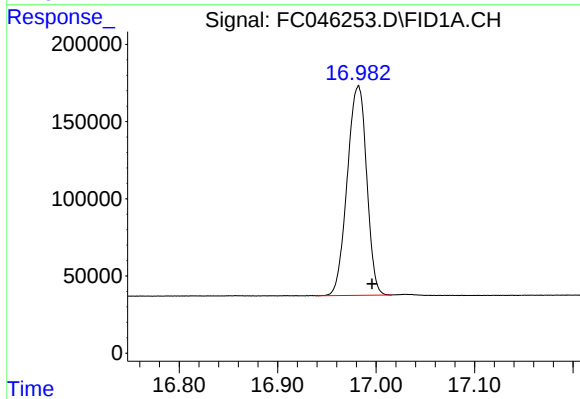
#14 n-Tetracosane (C24)

R.T.: 15.020 min
Delta R.T.: -0.013 min
Response: 1960120
Conc: 18.31 ug/ml



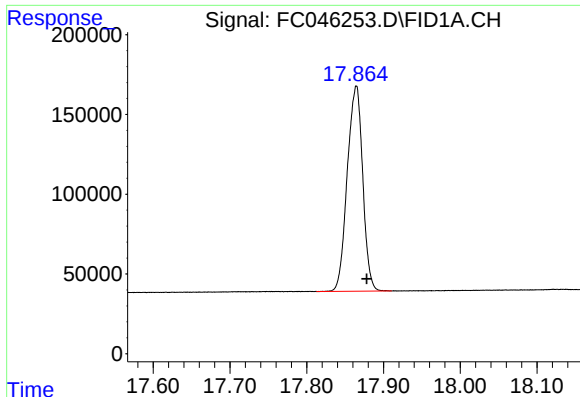
#15 n-Hexacosane (C26)

R.T.: 16.036 min
Delta R.T.: -0.012 min
Response: 1908268
Conc: 17.95 ug/ml



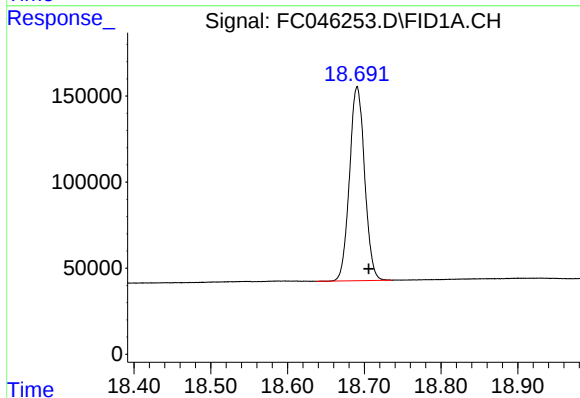
#16 n-Octacosane (C28)

R.T.: 16.982 min
Delta R.T.: -0.014 min
Response: 1857719
Conc: 17.74 ug/ml



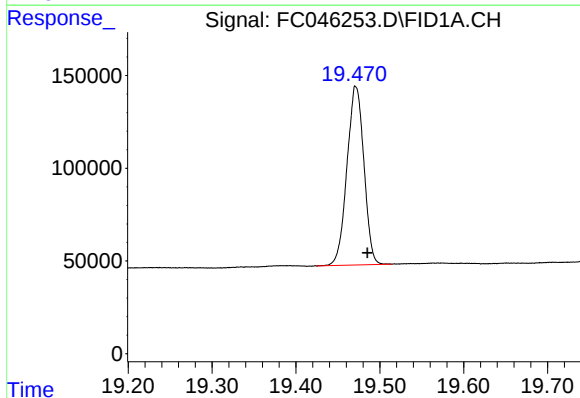
#17 n-Tricontane (C30)

R.T.: 17.865 min
Delta R.T.: -0.014 min
Response: 1796711
Conc: 17.83 ug/ml



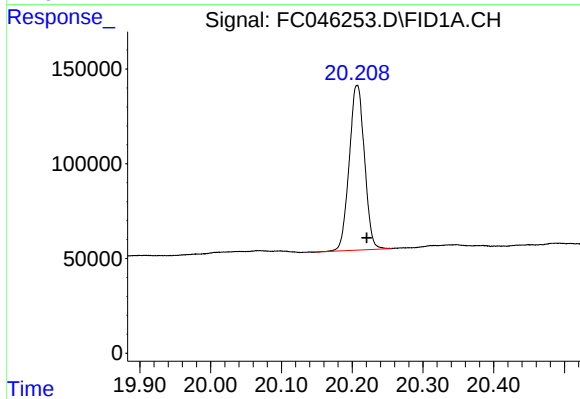
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: -0.015 min
Response: 1542974
Conc: 18.03 ug/ml



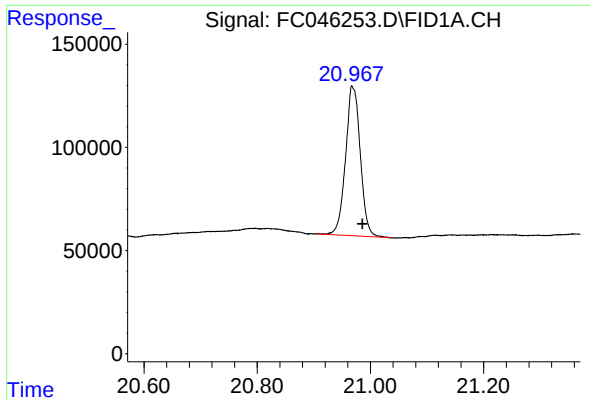
#19 n-Tetratriacontane (C34)

R.T.: 19.471 min
Delta R.T.: -0.014 min
Response: 1349036
Conc: 18.59 ug/ml



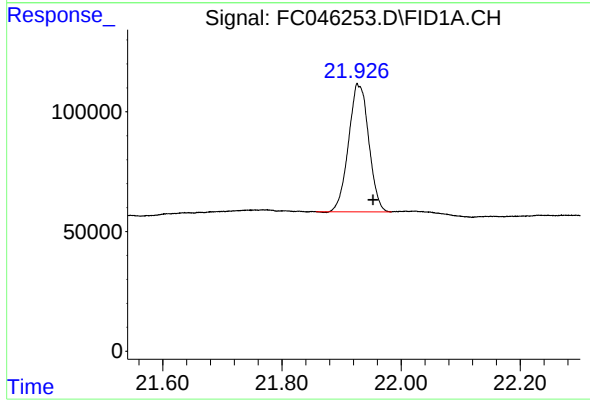
#20 n-Hexatriacontane (C36)

R.T.: 20.207 min
Delta R.T.: -0.014 min
Response: 1300876
Conc: 19.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.968 min
Delta R.T.: -0.018 min
Response: 1311249
Conc: 21.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.927 min
Delta R.T.: -0.026 min
Response: 1255062
Conc: 19.96 ug/ml