

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062819AL\
 Data File : FC042111.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jun 2019 00:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 29 00:38:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061219.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 13 07:03:58 2019
 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)	11.697	2577355	19.373 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
12) S 1-chlorooctadecane (S...	13.121	2072251	18.859 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
Target Compounds			
1) T n-Nonane (C9)	3.491	2544009	21.891 ug/ml
2) T n-Decane (C10)	4.556	2609616	22.176 ug/ml
3) T A~Naphthalene (C11.7)	6.143	2846938	21.420 ug/ml
4) T n-Dodecane (C12)	6.562	2613571	22.007 ug/ml
5) T A~2-methylnaphthalene...	7.193	2819829	21.179 ug/ml
6) T n-Tetradecane (C14)	8.346	2607471	21.576 ug/ml
7) T n-Hexadecane (C16)	9.938	2568958	20.962 ug/ml
8) T n-Octadecane (C18)	11.373	2508925	20.248 ug/ml
10) T n-Eicosane (C20)	12.676	2444596	19.320 ug/ml
11) T n-Heneicosane (C21)	13.285	2388367	18.918 ug/ml
13) T n-Docosane (C22)	13.869	2338630	18.509 ug/ml
14) T n-Tetracosane (C24)	14.968	2263086	17.786 ug/ml
15) T n-Hexacosane (C26)	15.984	2210586	17.805 ug/ml
16) T n-Octacosane (C28)	16.930	2215201	18.180 ug/ml
17) T n-Tricontane (C30)	17.816	2192423	18.808 ug/ml
18) T n-Dotriacontane (C32)	18.646	2083066	19.293 ug/ml
19) T n-Tetratriacontane (C34)	19.427	1768537	20.552 ug/ml
20) T n-Hexatriacontane (C36)	20.163	1576352	20.337 ug/ml
21) T n-Octatriacontane (C38)	20.912	1461315	22.098 ug/ml
22) T n-Tetracontane (C40)	21.848	1600826	23.695 ug/ml

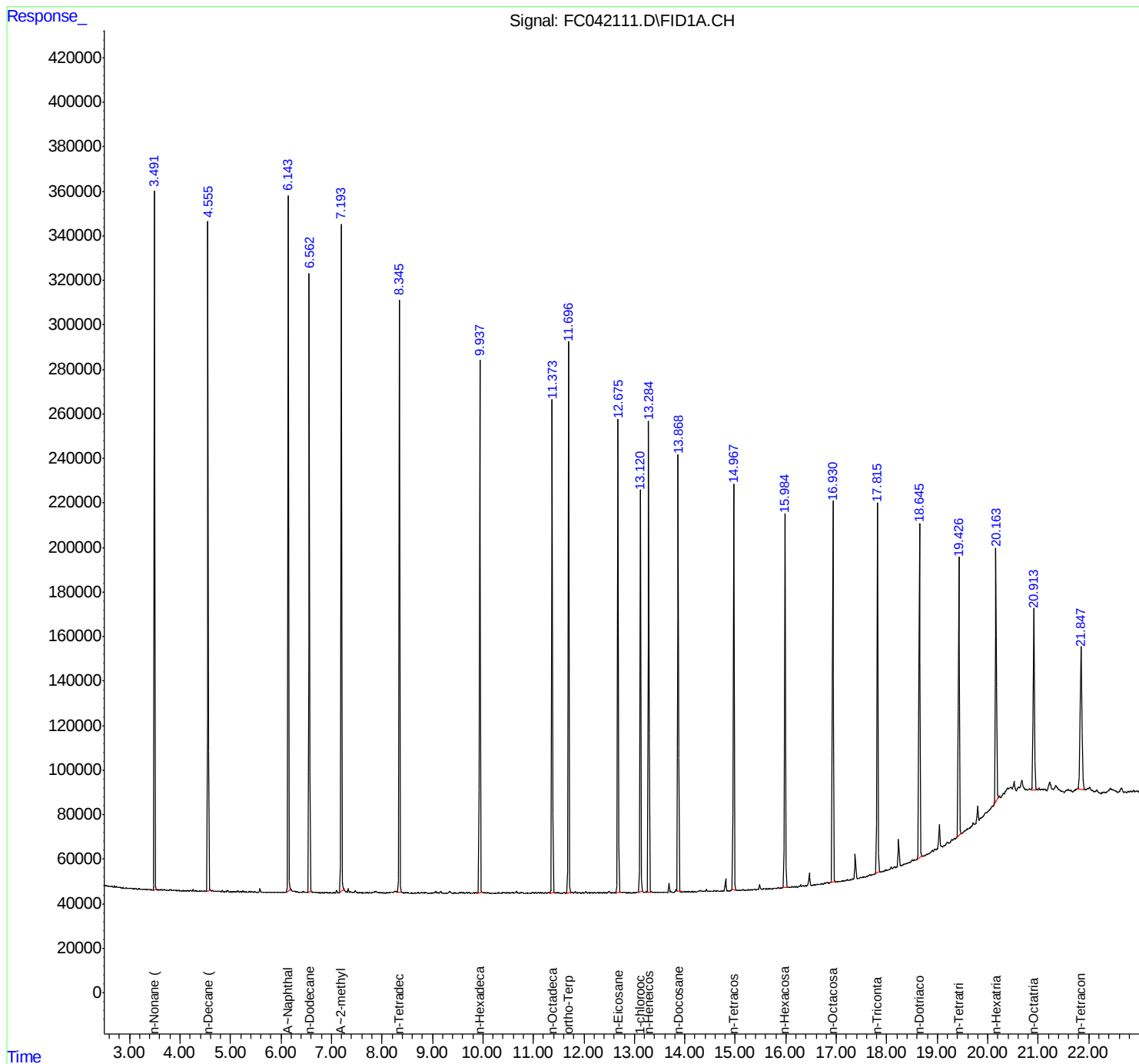
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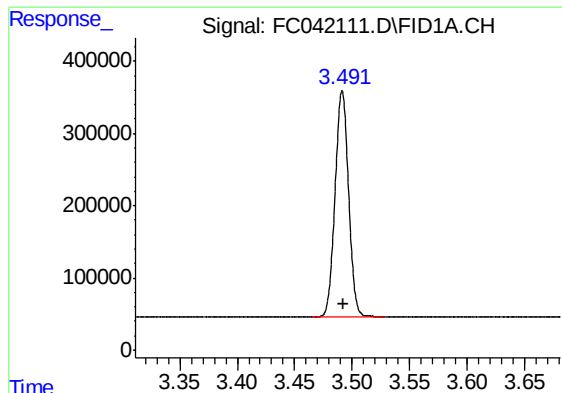
(m)=manual int.

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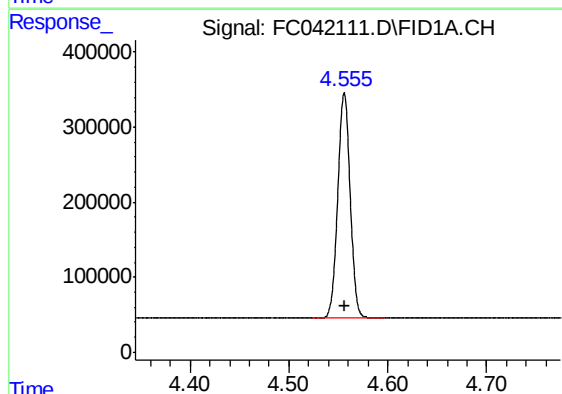
Volume Inj. : 1 ul
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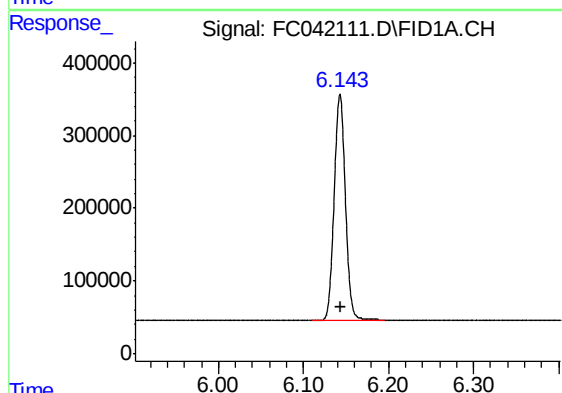
#1 n-Nonane (C9)

R.T.: 3.491 min
Delta R.T.: 0.000 min
Response: 2544009
Conc: 21.89 ug/ml



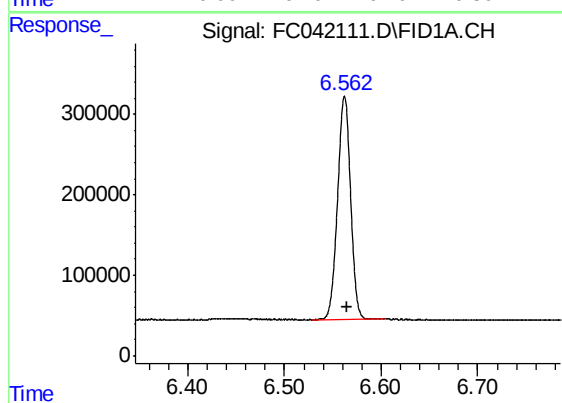
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 2609616
Conc: 22.18 ug/ml



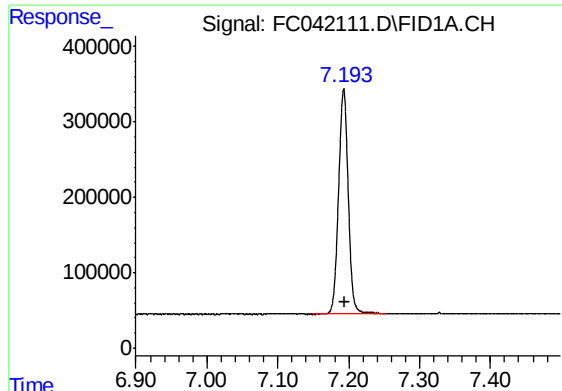
#3 A~Naphthalene (C11.7)

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 2846938
Conc: 21.42 ug/ml



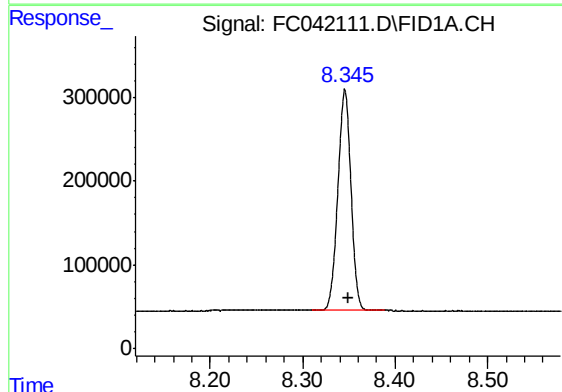
#4 n-Dodecane (C12)

R.T.: 6.562 min
Delta R.T.: -0.002 min
Response: 2613571
Conc: 22.01 ug/ml



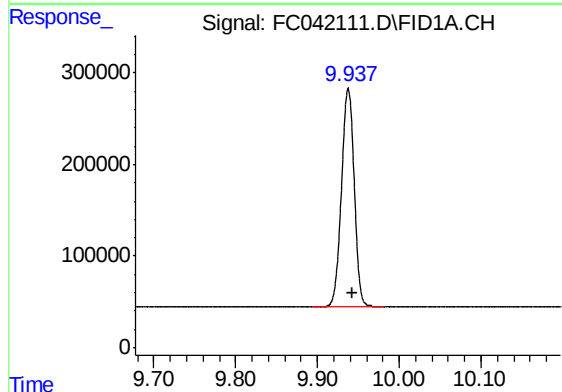
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 2819829
Conc: 21.18 ug/ml



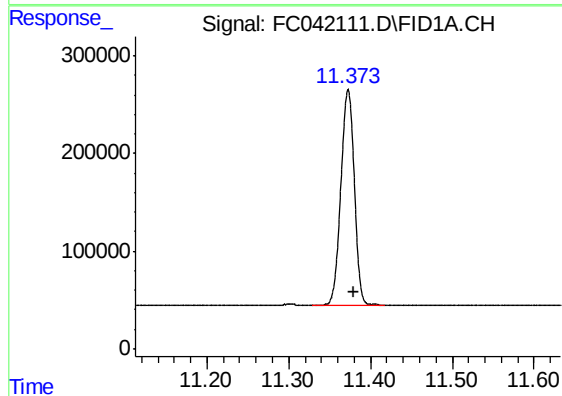
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: -0.004 min
Response: 2607471
Conc: 21.58 ug/ml



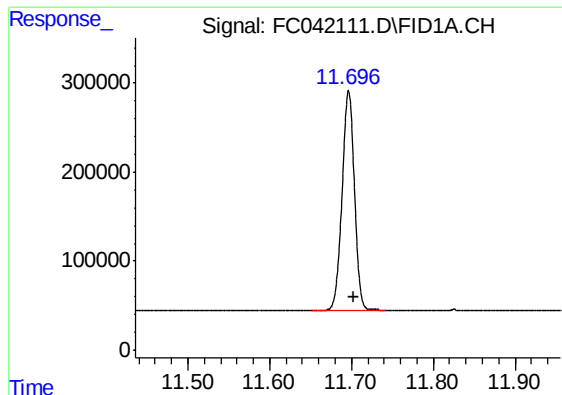
#7 n-Hexadecane (C16)

R.T.: 9.938 min
Delta R.T.: -0.005 min
Response: 2568958
Conc: 20.96 ug/ml



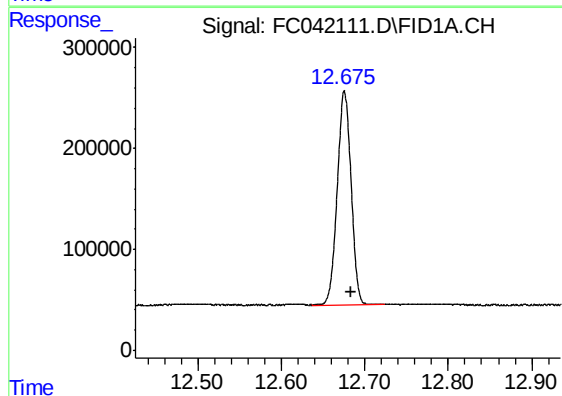
#8 n-Octadecane (C18)

R.T.: 11.373 min
Delta R.T.: -0.006 min
Response: 2508925
Conc: 20.25 ug/ml



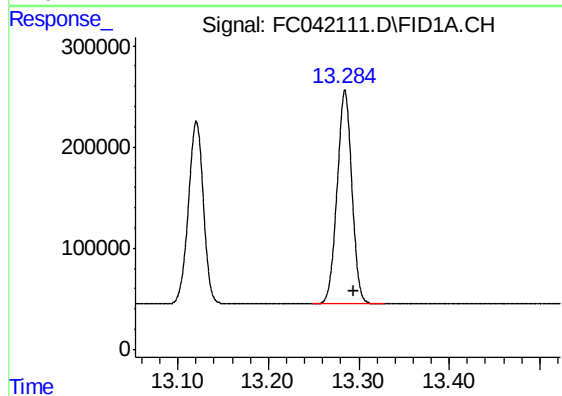
#9 ortho-Terphenyl (SURR)

R.T.: 11.697 min
Delta R.T.: -0.005 min
Response: 2577355
Conc: 19.37 ug/ml



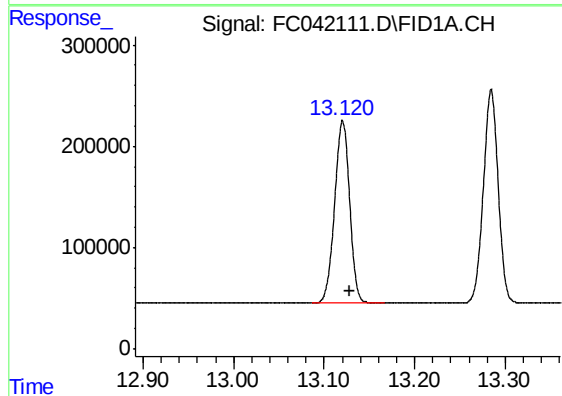
#10 n-Eicosane (C20)

R.T.: 12.676 min
Delta R.T.: -0.008 min
Response: 2444596
Conc: 19.32 ug/ml



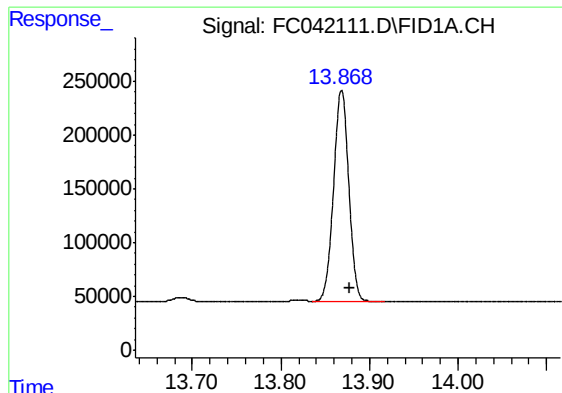
#11 n-Heneicosane (C21)

R.T.: 13.285 min
Delta R.T.: -0.009 min
Response: 2388367
Conc: 18.92 ug/ml



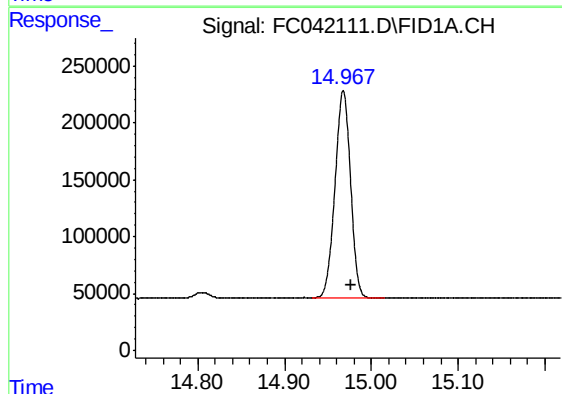
#12 1-chlorooctadecane (SURR)

R.T.: 13.121 min
Delta R.T.: -0.008 min
Response: 2072251
Conc: 18.86 ug/ml



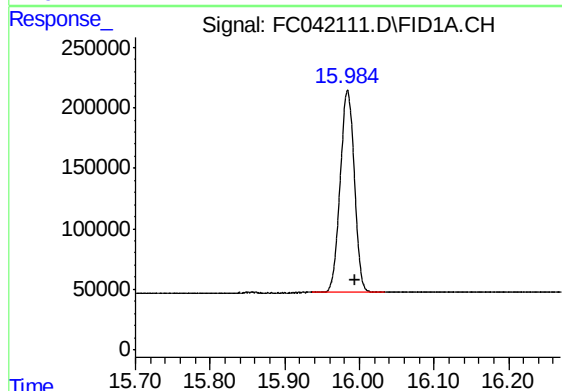
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.009 min
Response: 2338630
Conc: 18.51 ug/ml



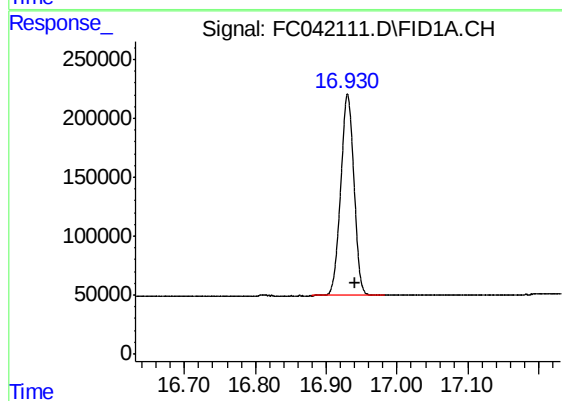
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.009 min
Response: 2263086
Conc: 17.79 ug/ml



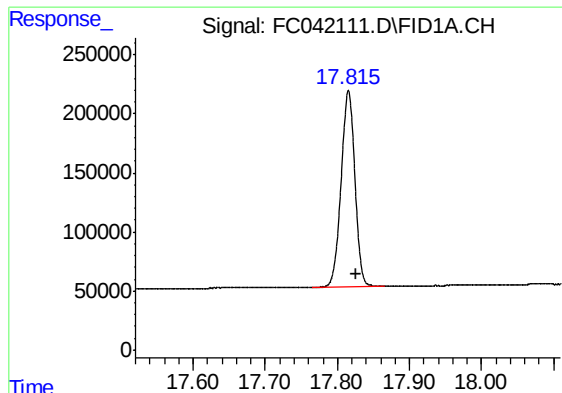
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: -0.010 min
Response: 2210586
Conc: 17.81 ug/ml



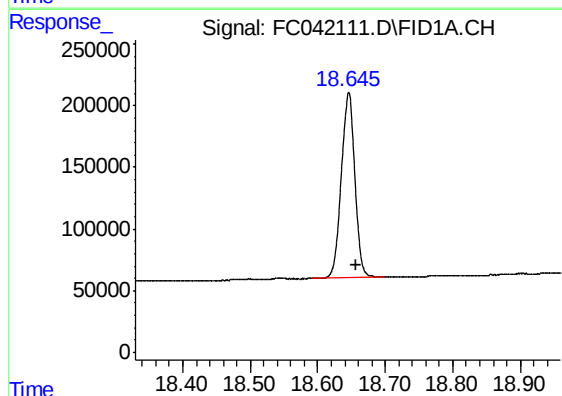
#16 n-Octacosane (C28)

R.T.: 16.930 min
Delta R.T.: -0.011 min
Response: 2215201
Conc: 18.18 ug/ml



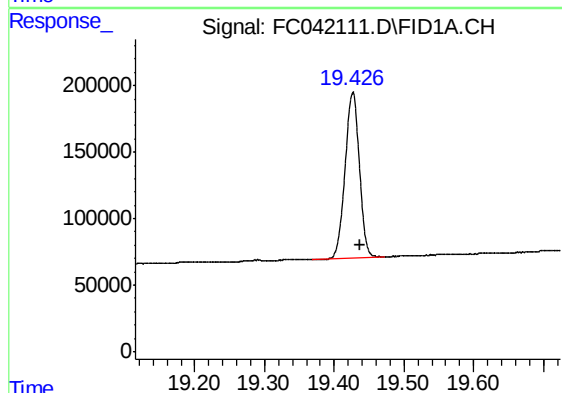
#17 n-Tricontane (C30)

R.T.: 17.816 min
Delta R.T.: -0.011 min
Response: 2192423
Conc: 18.81 ug/ml



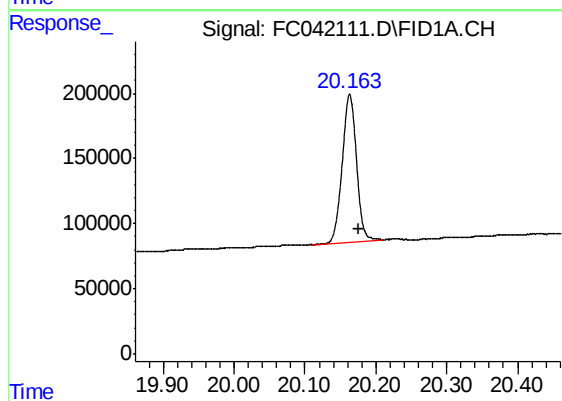
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: -0.011 min
Response: 2083066
Conc: 19.29 ug/ml



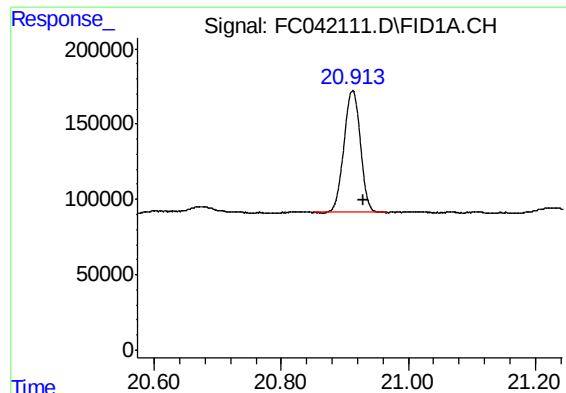
#19 n-Tetatriacontane (C34)

R.T.: 19.427 min
Delta R.T.: -0.011 min
Response: 1768537
Conc: 20.55 ug/ml



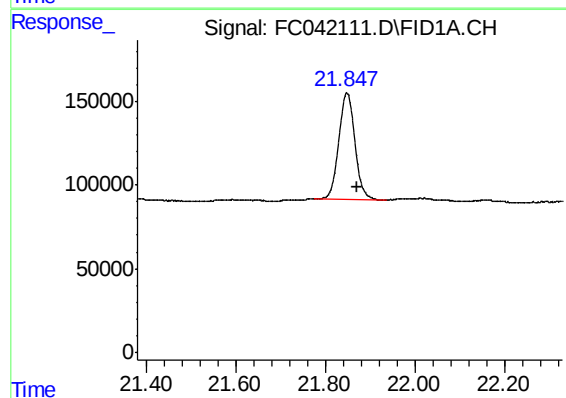
#20 n-Hexatriacontane (C36)

R.T.: 20.163 min
Delta R.T.: -0.013 min
Response: 1576352
Conc: 20.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: -0.016 min
Response: 1461315
Conc: 22.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.848 min
Delta R.T.: -0.022 min
Response: 1600826
Conc: 23.70 ug/ml