

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081319AL\
 Data File : FC042846.D
 Signal(s) : FID1A.CH
 Acq On : 13 Aug 2019 11:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 13 13:07:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:36:10 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)	11.685	2487385	17.511 ug/ml
Spiked Amount 50.000		Recovery =	35.02%
12) S 1-chlorooctadecane (S...	13.108	2047562	17.250 ug/ml
Spiked Amount 50.000		Recovery =	34.50%
Target Compounds			
1) T n-Nonane (C9)	3.491	2333153	18.814 ug/ml
2) T n-Decane (C10)	4.553	2370523	18.895 ug/ml
3) T A~Naphthalene (C11.7)	6.140	2555137	18.863 ug/ml
4) T n-Dodecane (C12)	6.555	2405662	18.967 ug/ml
5) T A~2-methylnaphthalene...	7.189	2557903	18.804 ug/ml
6) T n-Tetradecane (C14)	8.337	2414367	18.922 ug/ml
7) T n-Hexadecane (C16)	9.927	2412612	18.665 ug/ml
8) T n-Octadecane (C18)	11.360	2408930	18.207 ug/ml
10) T n-Eicosane (C20)	12.663	2395005	17.718 ug/ml
11) T n-Heneicosane (C21)	13.272	2354353	17.417 ug/ml
13) T n-Docosane (C22)	13.856	2322201	17.105 ug/ml
14) T n-Tetracosane (C24)	14.954	2240525	16.454 ug/ml
15) T n-Hexacosane (C26)	15.969	2132252	15.807 ug/ml
16) T n-Octacosane (C28)	16.915	2037384	15.311 ug/ml
17) T n-Tricontane (C30)	17.799	1930840	15.079 ug/mlm
18) T n-Dotriacontane (C32)	18.627	1760823	15.101 ug/ml
19) T n-Tetratriacontane (C34)	19.408	1487061	15.478 ug/ml
20) T n-Hexatriacontane (C36)	20.145	1455923	17.551 ug/mlm
21) T n-Octatriacontane (C38)	20.888	1466978	19.829 ug/ml
22) T n-Tetracontane (C40)	21.819	1793133	24.825 ug/mlm

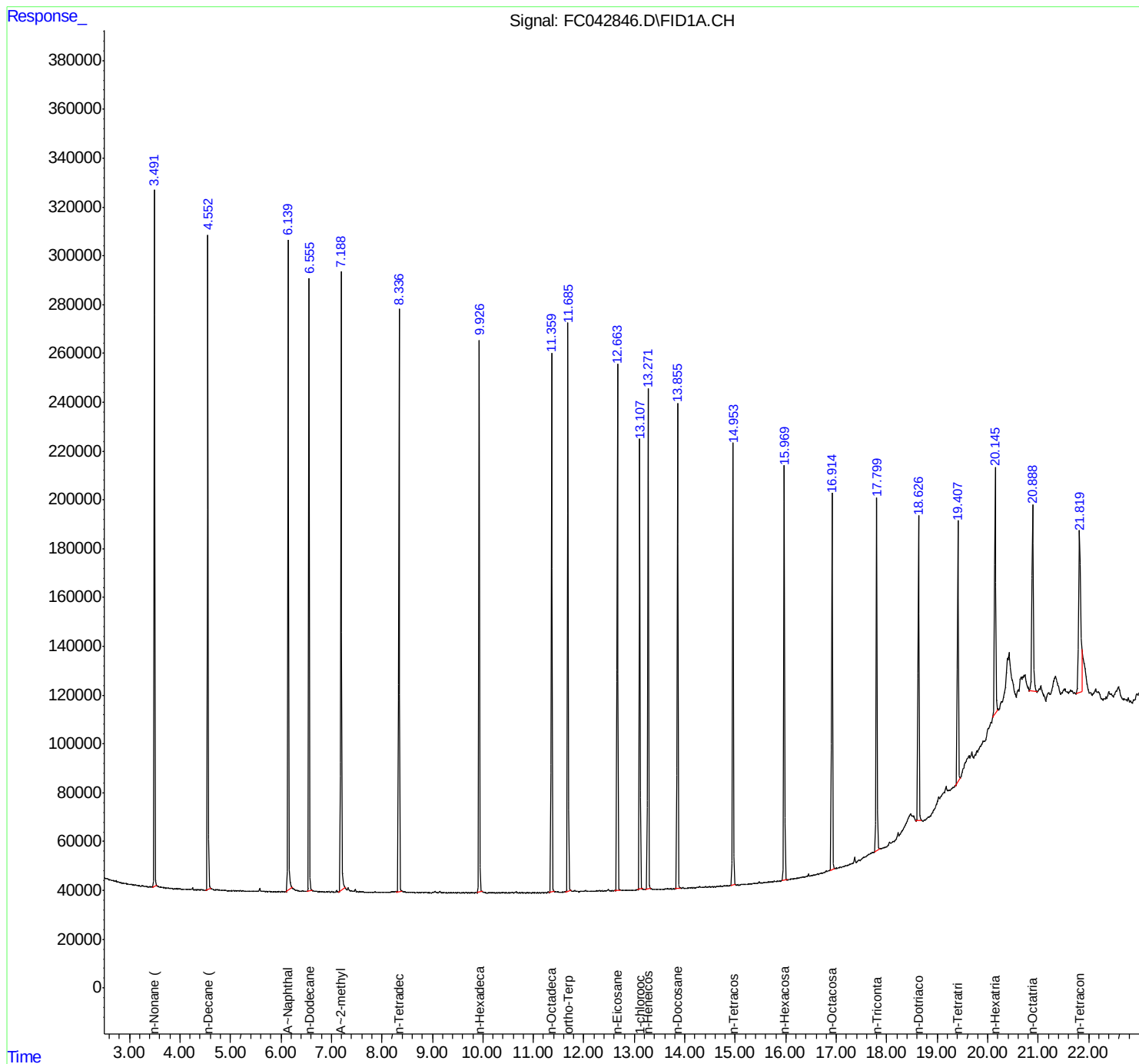
(f)=RT Delta > 1/2 Window

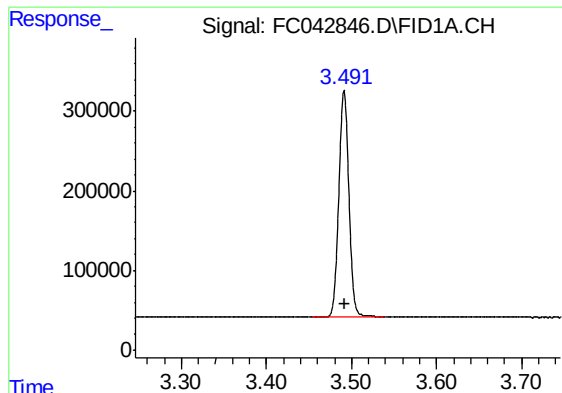
(m)=manual int.

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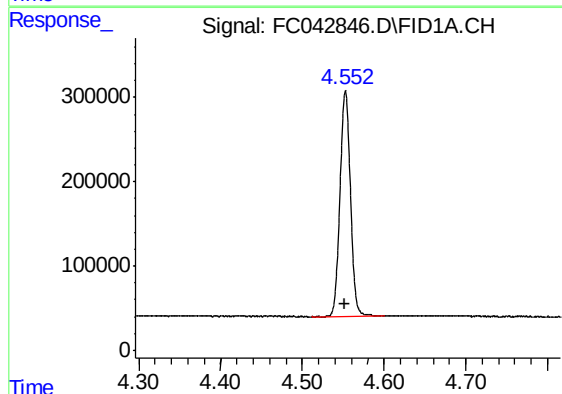
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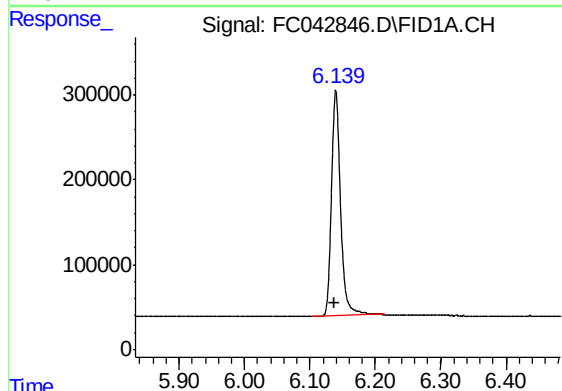
#1 n-Nonane (C9)

R.T.: 3.491 min
Delta R.T.: 0.000 min
Response: 2333153
Conc: 18.81 ug/ml



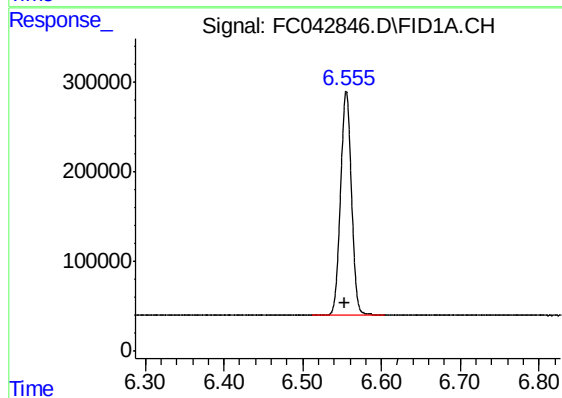
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 2370523
Conc: 18.89 ug/ml



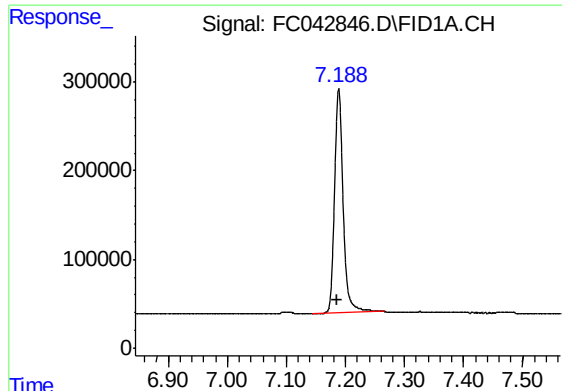
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: 0.003 min
Response: 2555137
Conc: 18.86 ug/ml



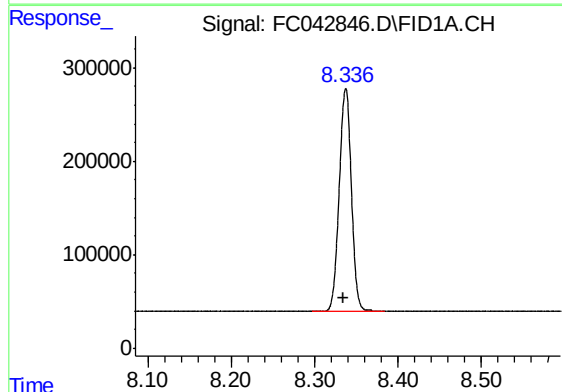
#4 n-Dodecane (C12)

R.T.: 6.555 min
Delta R.T.: 0.002 min
Response: 2405662
Conc: 18.97 ug/ml



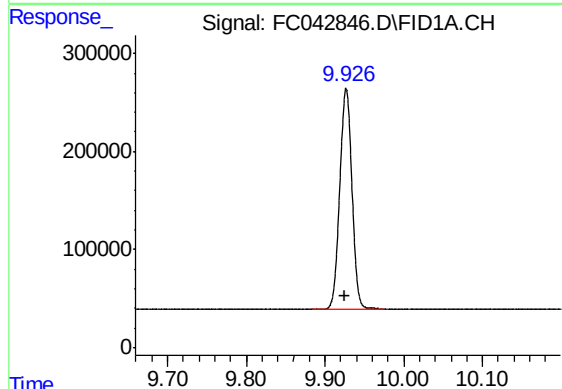
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.189 min
Delta R.T.: 0.004 min
Response: 2557903
Conc: 18.80 ug/ml



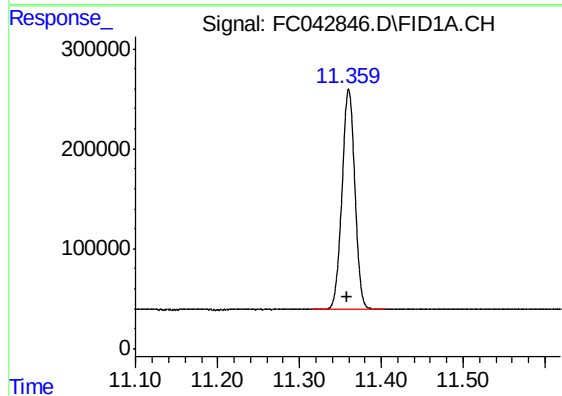
#6 n-Tetradecane (C14)

R.T.: 8.337 min
Delta R.T.: 0.003 min
Response: 2414367
Conc: 18.92 ug/ml



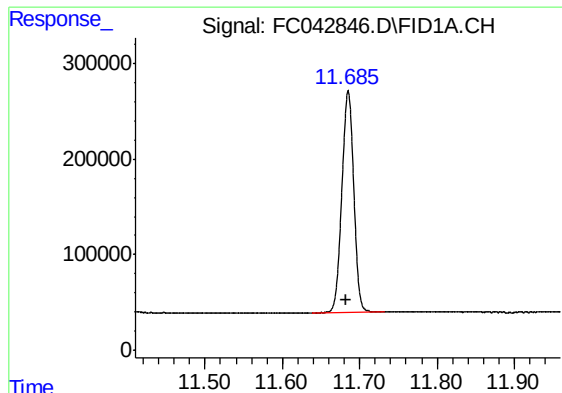
#7 n-Hexadecane (C16)

R.T.: 9.927 min
Delta R.T.: 0.002 min
Response: 2412612
Conc: 18.66 ug/ml



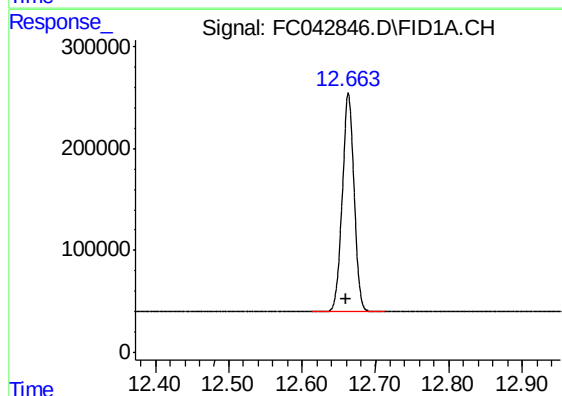
#8 n-Octadecane (C18)

R.T.: 11.360 min
Delta R.T.: 0.002 min
Response: 2408930
Conc: 18.21 ug/ml



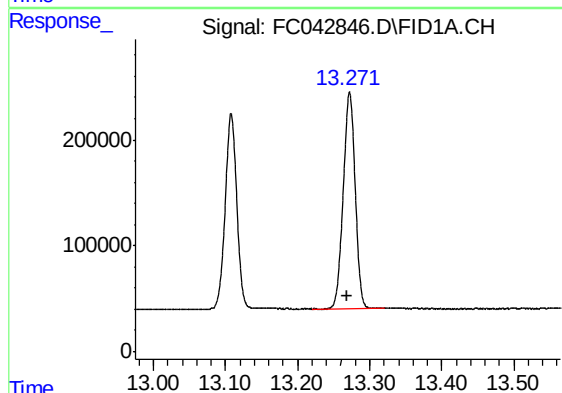
#9 ortho-Terphenyl (SURR)

R.T.: 11.685 min
Delta R.T.: 0.003 min
Response: 2487385
Conc: 17.51 ug/ml



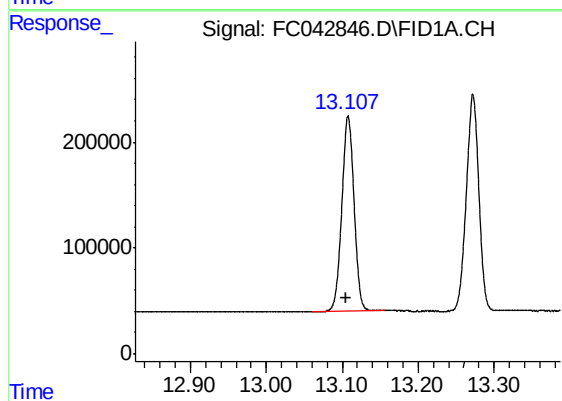
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: 0.003 min
Response: 2395005
Conc: 17.72 ug/ml



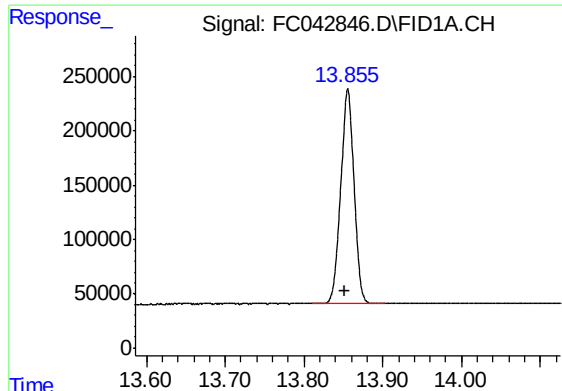
#11 n-Heneicosane (C21)

R.T.: 13.272 min
Delta R.T.: 0.003 min
Response: 2354353
Conc: 17.42 ug/ml



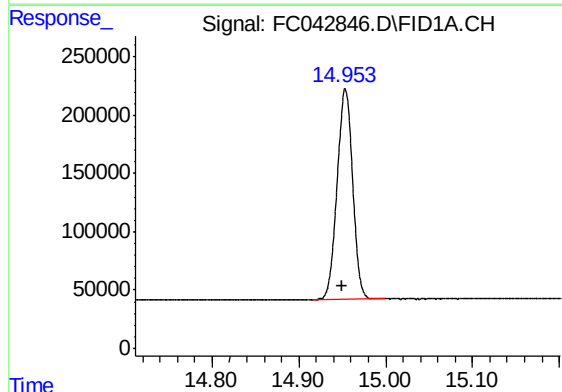
#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: 0.003 min
Response: 2047562
Conc: 17.25 ug/ml



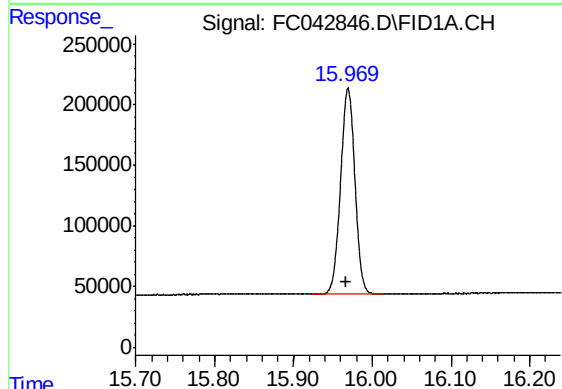
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: 0.003 min
Response: 2322201
Conc: 17.10 ug/ml



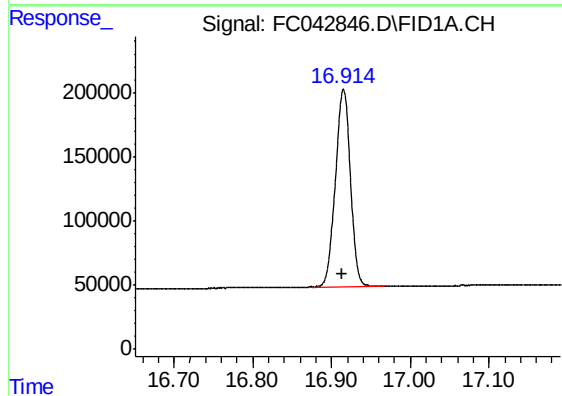
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: 0.003 min
Response: 2240525
Conc: 16.45 ug/ml



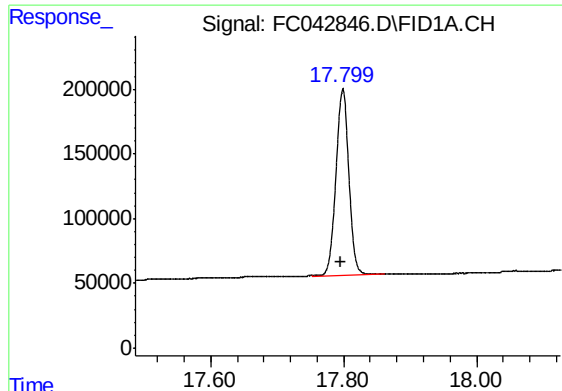
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: 0.002 min
Response: 2132252
Conc: 15.81 ug/ml



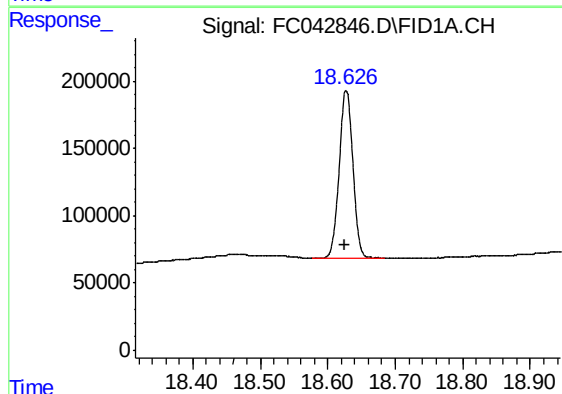
#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: 0.003 min
Response: 2037384
Conc: 15.31 ug/ml



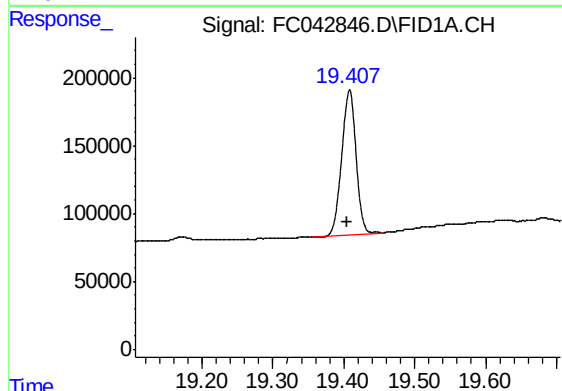
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: 0.003 min
Response: 1930840
Conc: 15.08 ug/ml m



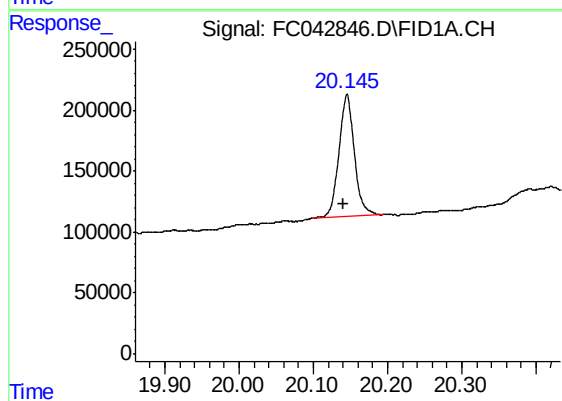
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: 0.002 min
Response: 1760823
Conc: 15.10 ug/ml



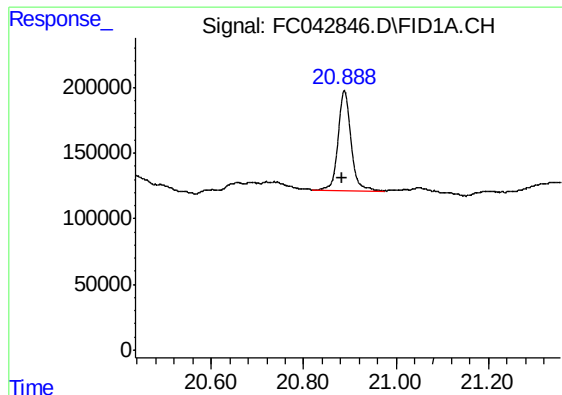
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min
Delta R.T.: 0.004 min
Response: 1487061
Conc: 15.48 ug/ml



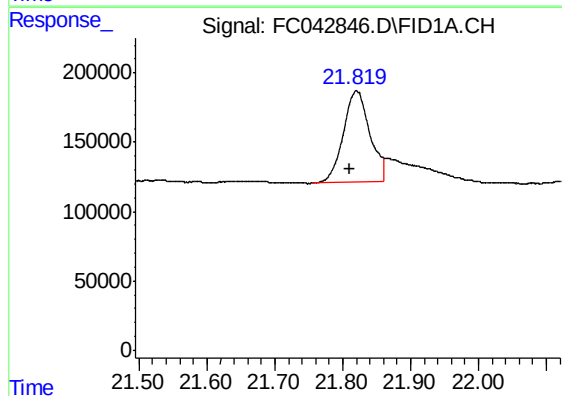
#20 n-Hexatriacontane (C36)

R.T.: 20.145 min
Delta R.T.: 0.004 min
Response: 1455923
Conc: 17.55 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.888 min
Delta R.T.: 0.004 min
Response: 1466978
Conc: 19.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.819 min
Delta R.T.: 0.008 min
Response: 1793133
Conc: 24.82 ug/ml m