

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081319AL\
 Data File : FC042811.D
 Signal(s) : FID1A.CH
 Acq On : 12 Aug 2019 9:58
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 12 17:00:01 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)	11.681	2660447	18.729 ug/ml
Spiked Amount 50.000		Recovery =	37.46%
12) S 1-chlorooctadecane (S...	13.103	2211104	18.628 ug/ml
Spiked Amount 50.000		Recovery =	37.26%
Target Compounds			
1) T n-Nonane (C9)	3.490	2401149	19.363 ug/ml
2) T n-Decane (C10)	4.552	2436639	19.422 ug/ml
3) T A~Naphthalene (C11.7)	6.137	2628570	19.405 ug/ml
4) T n-Dodecane (C12)	6.553	2465803	19.441 ug/ml
5) T A~2-methylnaphthalene...	7.186	2649257	19.475 ug/ml
6) T n-Tetradecane (C14)	8.335	2476490	19.409 ug/ml
7) T n-Hexadecane (C16)	9.925	2492615	19.284 ug/ml
8) T n-Octadecane (C18)	11.357	2522090	19.062 ug/ml
10) T n-Eicosane (C20)	12.659	2548469	18.853 ug/ml
11) T n-Heneicosane (C21)	13.267	2534821	18.752 ug/ml
13) T n-Docosane (C22)	13.851	2522399	18.579 ug/ml
14) T n-Tetracosane (C24)	14.948	2481750	18.226 ug/ml
15) T n-Hexacosane (C26)	15.963	2405318	17.832 ug/ml
16) T n-Octacosane (C28)	16.909	2311254	17.369 ug/ml
17) T n-Tricontane (C30)	17.792	2166747	16.922 ug/ml
18) T n-Dotriacontane (C32)	18.622	1928573	16.540 ug/ml
19) T n-Tetratriacontane (C34)	19.402	1600341	16.658 ug/ml
20) T n-Hexatriacontane (C36)	20.138	1418990	17.106 ug/ml
21) T n-Octatriacontane (C38)	20.882	1322456	17.876 ug/ml
22) T n-Tetracontane (C40)	21.810	1384097	19.162 ug/ml

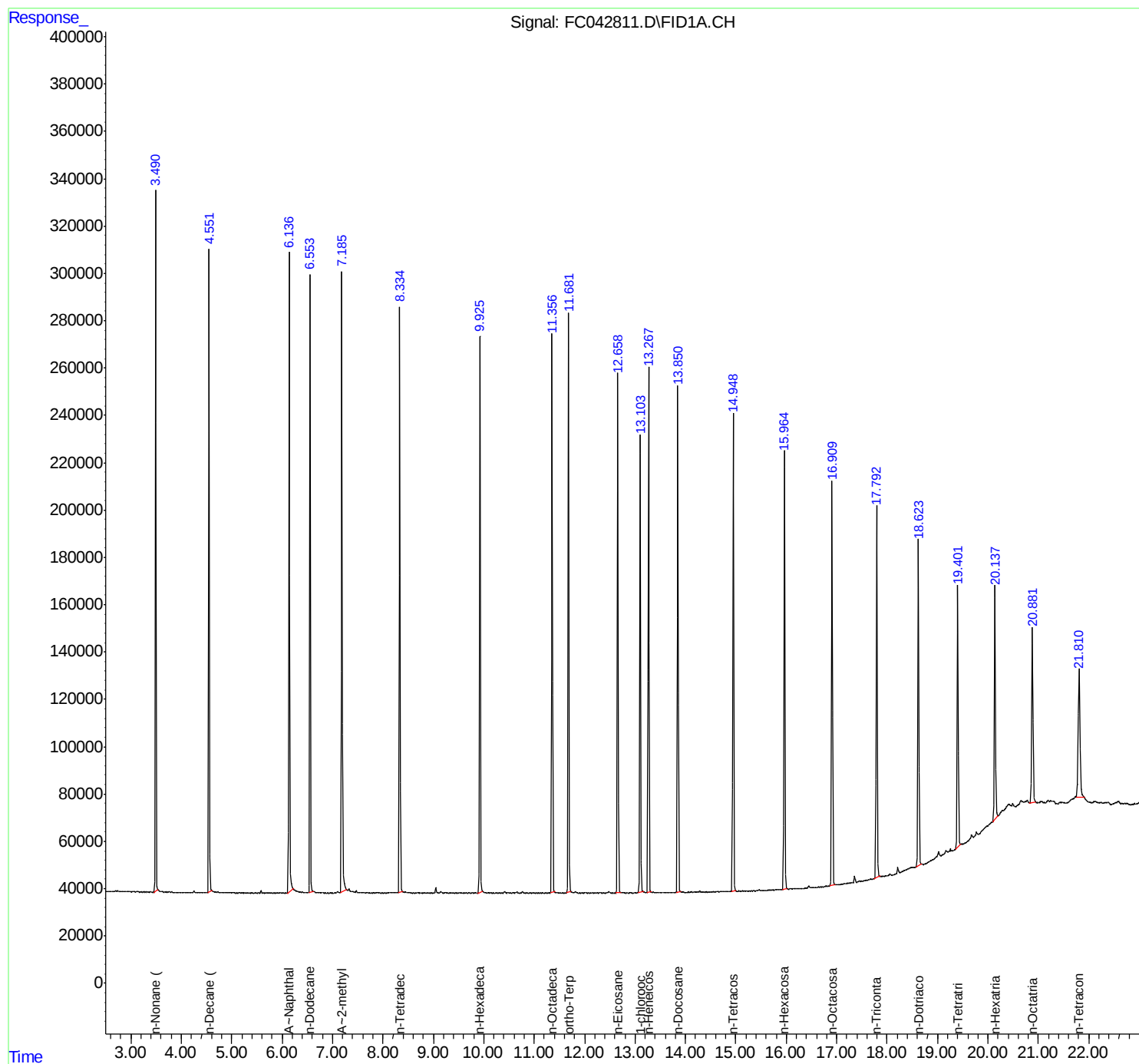
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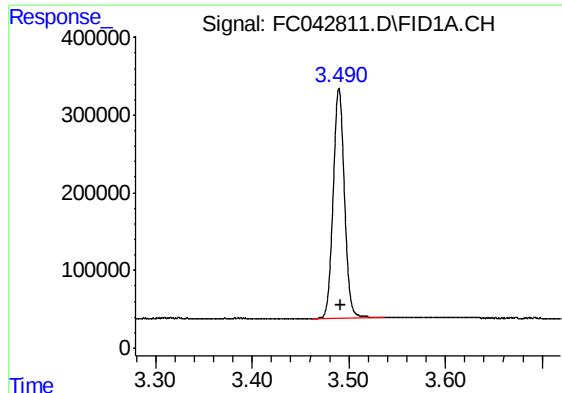
(m)=manual int.

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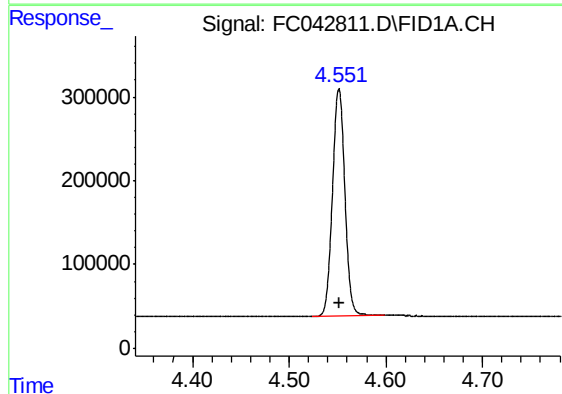
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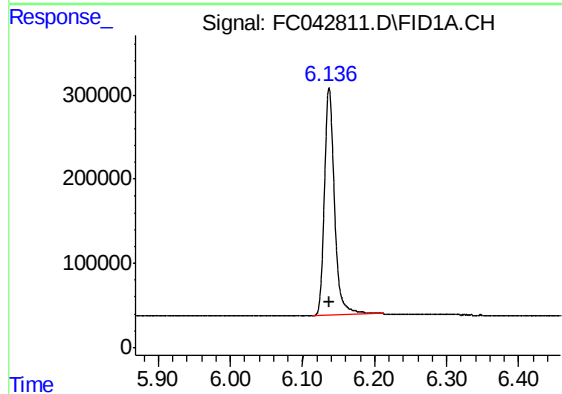
#1 n-Nonane (C9)

R.T.: 3.490 min
Delta R.T.: -0.002 min
Response: 2401149
Conc: 19.36 ug/ml



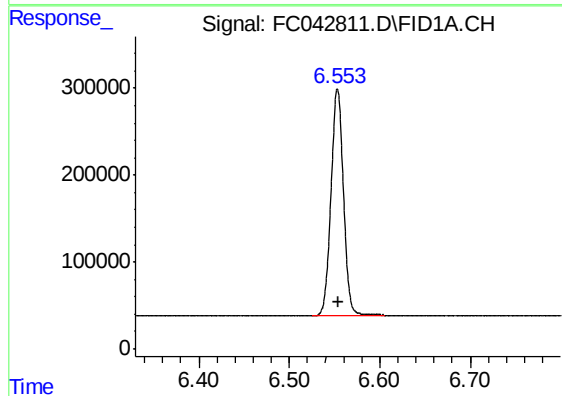
#2 n-Decane (C10)

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 2436639
Conc: 19.42 ug/ml



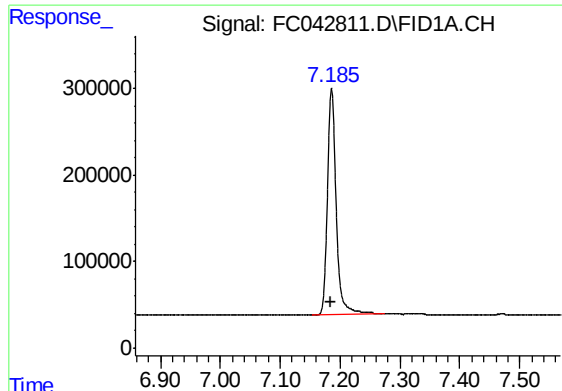
#3 A~Naphthalene (C11.7)

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 2628570
Conc: 19.40 ug/ml



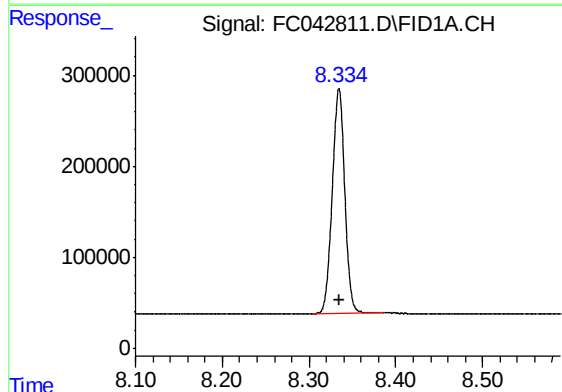
#4 n-Dodecane (C12)

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 2465803
Conc: 19.44 ug/ml



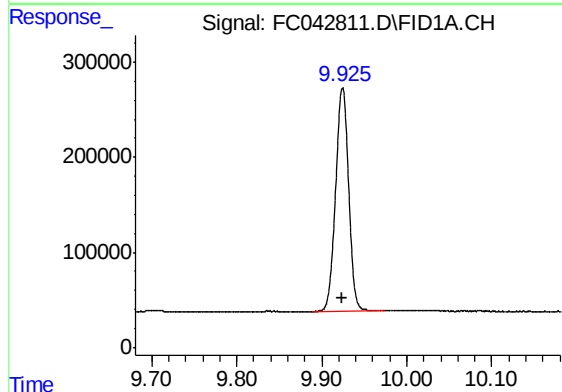
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 2649257
Conc: 19.48 ug/ml



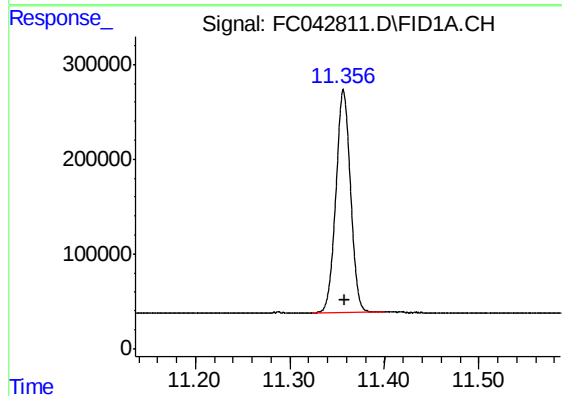
#6 n-Tetradecane (C14)

R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 2476490
Conc: 19.41 ug/ml



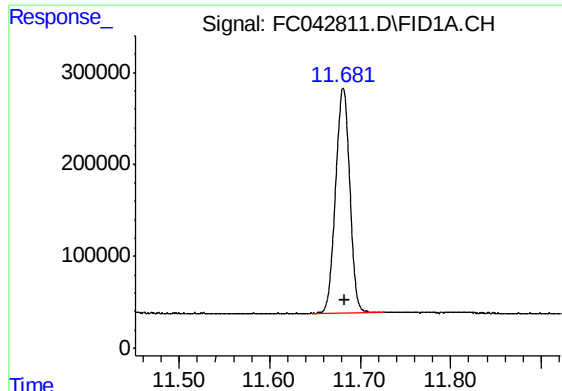
#7 n-Hexadecane (C16)

R.T.: 9.925 min
Delta R.T.: 0.000 min
Response: 2492615
Conc: 19.28 ug/ml



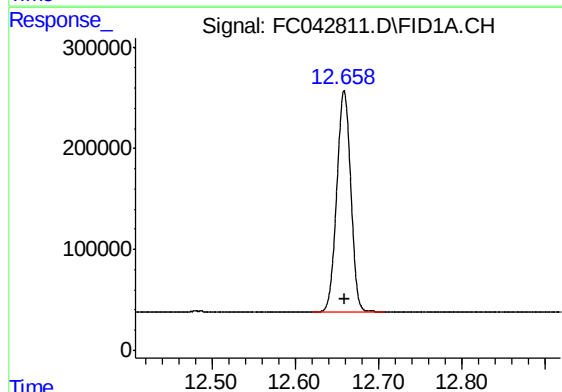
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.001 min
Response: 2522090
Conc: 19.06 ug/ml



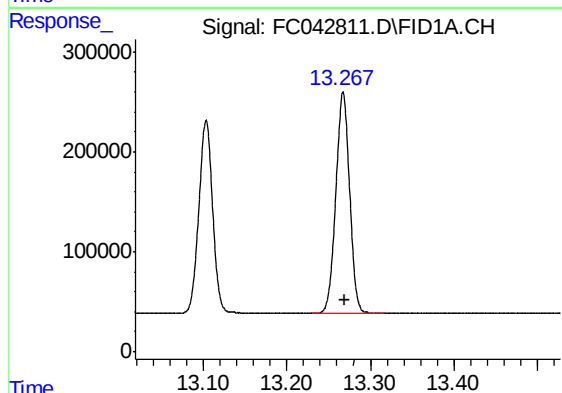
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: -0.001 min
Response: 2660447
Conc: 18.73 ug/ml



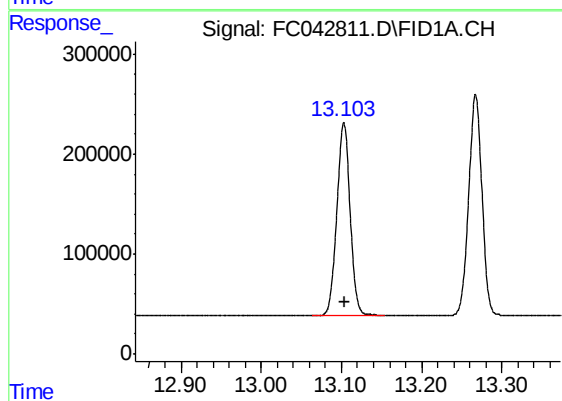
#10 n-Eicosane (C20)

R.T.: 12.659 min
Delta R.T.: -0.001 min
Response: 2548469
Conc: 18.85 ug/ml



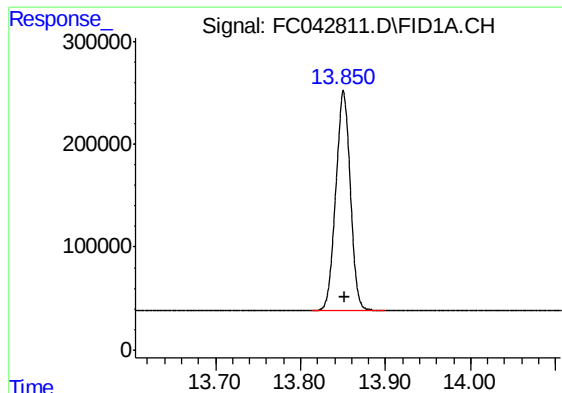
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: -0.002 min
Response: 2534821
Conc: 18.75 ug/ml



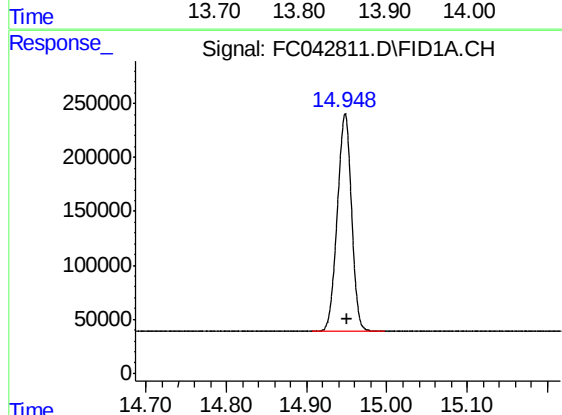
#12 1-chlorooctadecane (SURR)

R.T.: 13.103 min
Delta R.T.: -0.001 min
Response: 2211104
Conc: 18.63 ug/ml



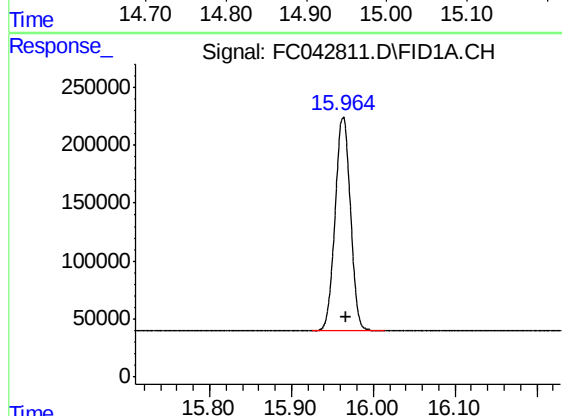
#13 n-Docosane (C22)

R.T.: 13.851 min
Delta R.T.: -0.002 min
Response: 2522399
Conc: 18.58 ug/ml



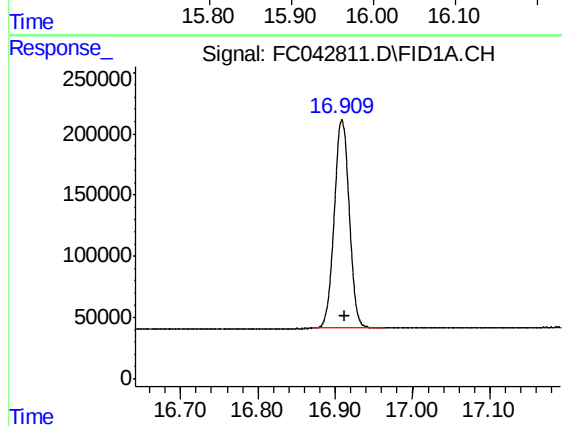
#14 n-Tetracosane (C24)

R.T.: 14.948 min
Delta R.T.: -0.002 min
Response: 2481750
Conc: 18.23 ug/ml



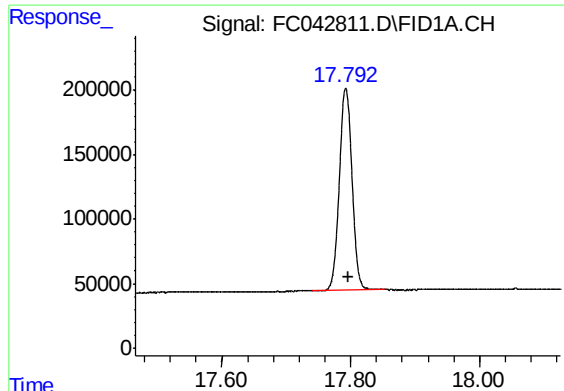
#15 n-Hexacosane (C26)

R.T.: 15.963 min
Delta R.T.: -0.004 min
Response: 2405318
Conc: 17.83 ug/ml



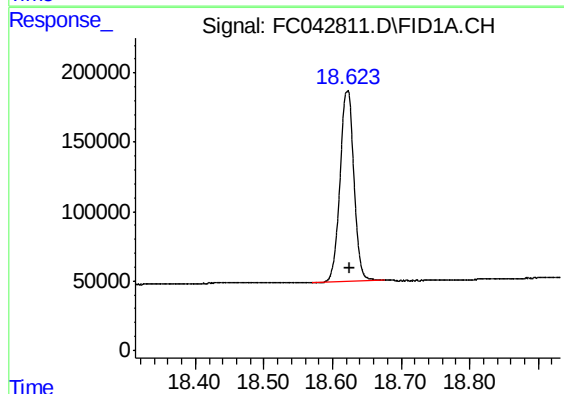
#16 n-Octacosane (C28)

R.T.: 16.909 min
Delta R.T.: -0.004 min
Response: 2311254
Conc: 17.37 ug/ml



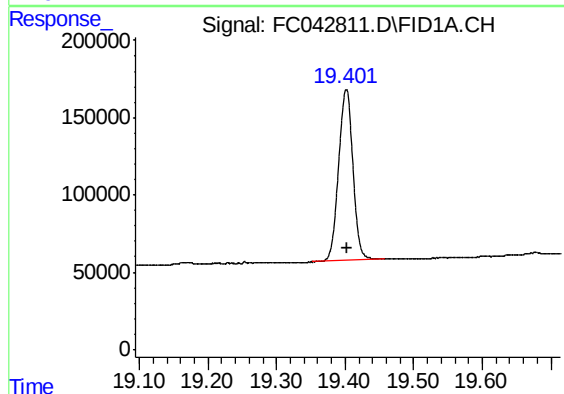
#17 n-Tricontane (C30)

R.T.: 17.792 min
Delta R.T.: -0.004 min
Response: 2166747
Conc: 16.92 ug/ml



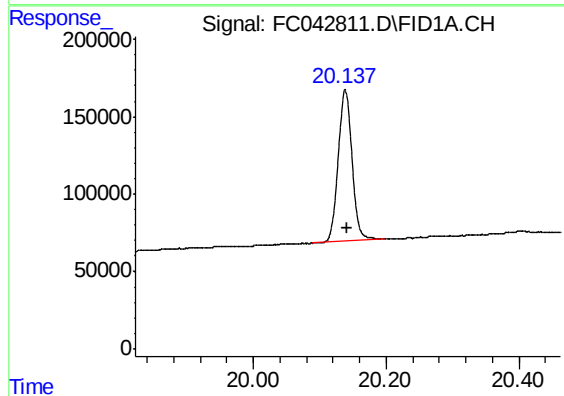
#18 n-Dotriacontane (C32)

R.T.: 18.622 min
Delta R.T.: -0.003 min
Response: 1928573
Conc: 16.54 ug/ml



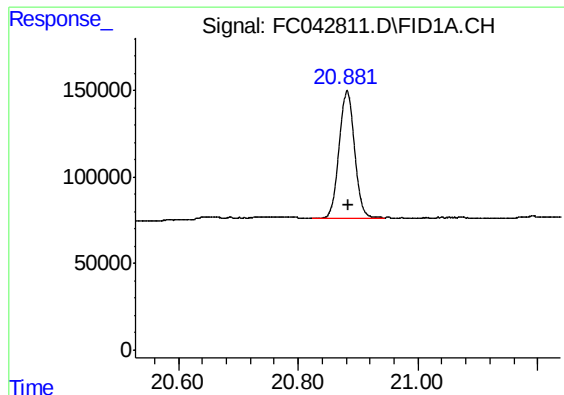
#19 n-Tetatriacontane (C34)

R.T.: 19.402 min
Delta R.T.: -0.002 min
Response: 1600341
Conc: 16.66 ug/ml



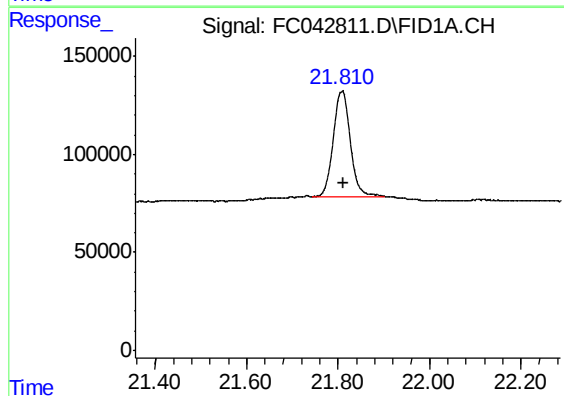
#20 n-Hexatriacontane (C36)

R.T.: 20.138 min
Delta R.T.: -0.003 min
Response: 1418990
Conc: 17.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.882 min
Delta R.T.: -0.002 min
Response: 1322456
Conc: 17.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.810 min
Delta R.T.: 0.000 min
Response: 1384097
Conc: 19.16 ug/ml