

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080219AL\
 Data File : FC042690.D
 Signal(s) : FID1A.CH
 Acq On : 02 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 02 13:24:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:56:11 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)	11.683	2606469	19.693 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
12) S 1-chlorooctadecane (S...	13.106	2126930	19.401 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
Target Compounds			
1) T n-Nonane (C9)	3.488	2484337	21.338 ug/ml
2) T n-Decane (C10)	4.551	2574411	21.820 ug/ml
3) T A~Naphthalene (C11.7)	6.138	2781870	21.430 ug/ml
4) T n-Dodecane (C12)	6.555	2589503	21.823 ug/ml
5) T A~2-methylnaphthalene...	7.187	2765146	21.280 ug/ml
6) T n-Tetradecane (C14)	8.336	2584045	21.719 ug/ml
7) T n-Hexadecane (C16)	9.926	2569190	21.397 ug/ml
8) T n-Octadecane (C18)	11.359	2539214	20.807 ug/ml
10) T n-Eicosane (C20)	12.661	2503688	20.075 ug/ml
11) T n-Heneicosane (C21)	13.270	2462324	19.671 ug/ml
13) T n-Docosane (C22)	13.853	2439392	19.449 ug/ml
14) T n-Tetracosane (C24)	14.951	2359794	18.629 ug/ml
15) T n-Hexacosane (C26)	15.967	2314200	18.302 ug/ml
16) T n-Octacosane (C28)	16.913	2303073	18.251 ug/ml
17) T n-Tricontane (C30)	17.795	2267131	18.493 ug/ml
18) T n-Dotriacontane (C32)	18.625	2120959	18.983 ug/ml
19) T n-Tetratriacontane (C34)	19.404	1796962	19.404 ug/ml
20) T n-Hexatriacontane (C36)	20.141	1586349	19.905 ug/ml
21) T n-Octatriacontane (C38)	20.885	1512251	21.093 ug/ml
22) T n-Tetracontane (C40)	21.811	1490492	21.479 ug/ml

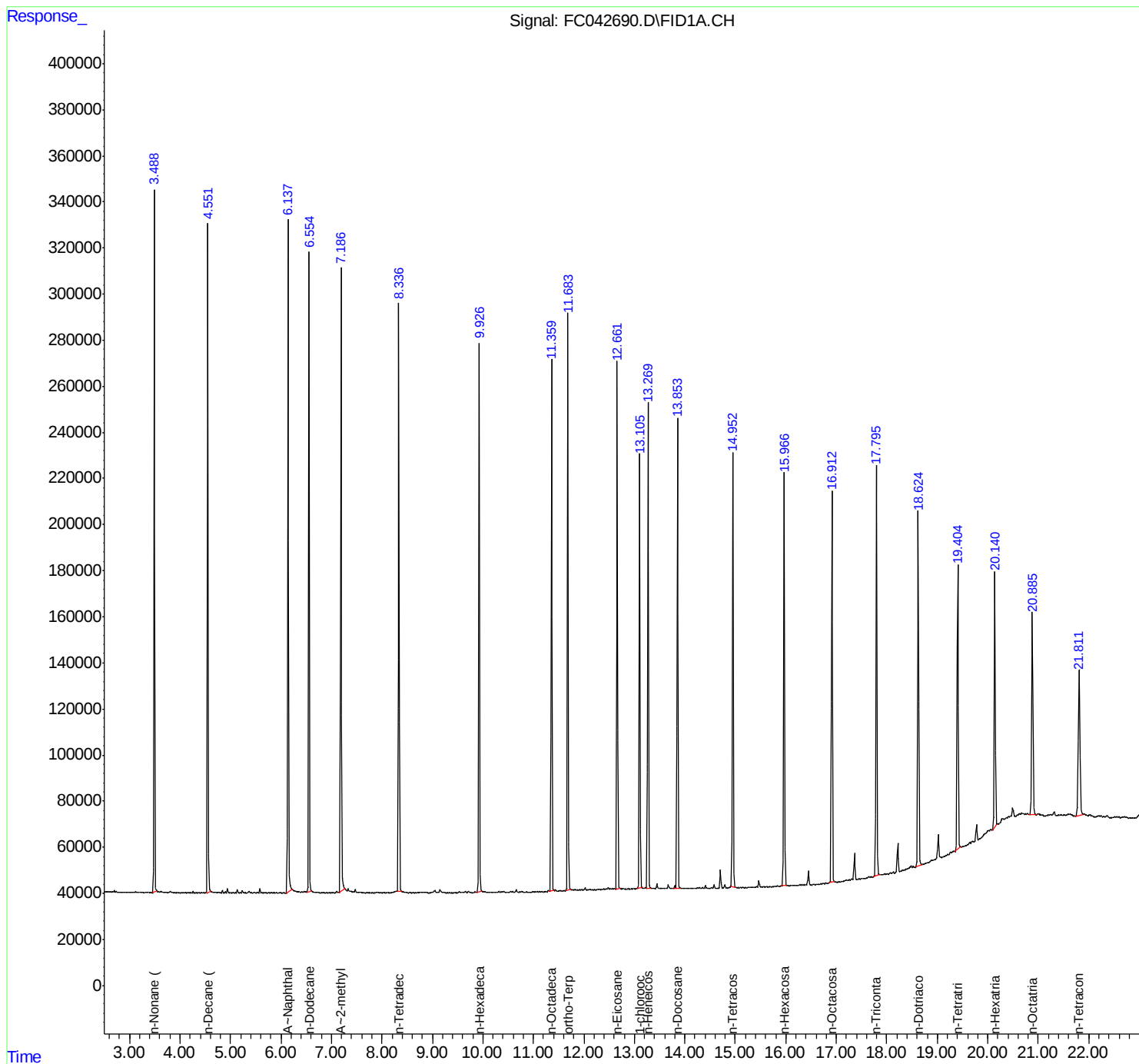
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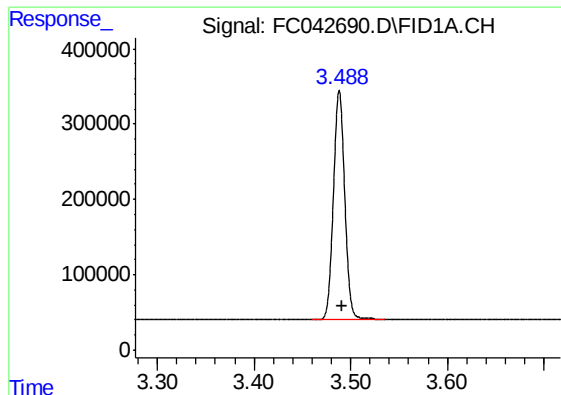
(m)=manual int.

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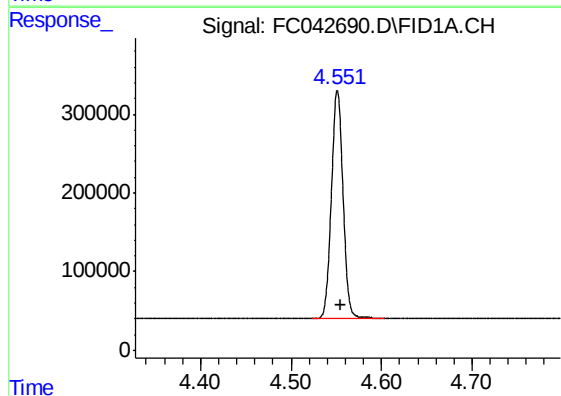
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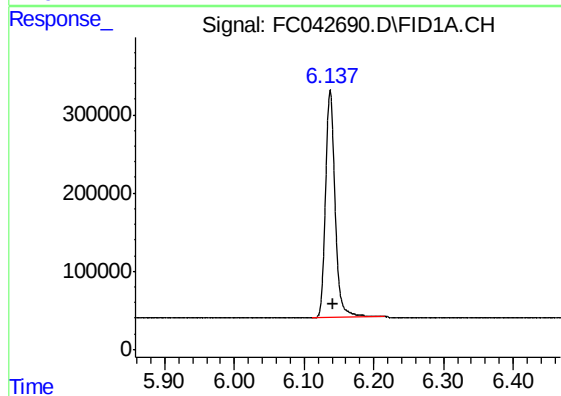
#1 n-Nonane (C9)

R.T.: 3.488 min
Delta R.T.: -0.003 min
Response: 2484337
Conc: 21.34 ug/ml



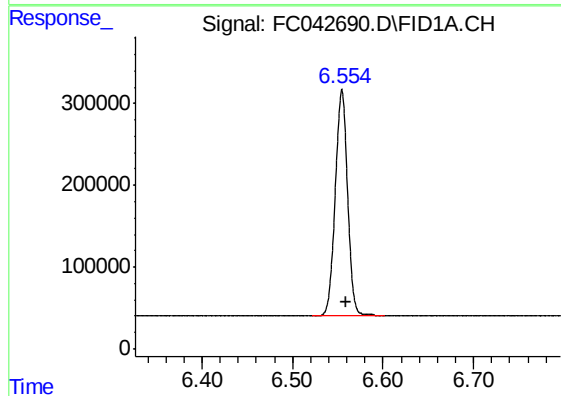
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: -0.004 min
Response: 2574411
Conc: 21.82 ug/ml



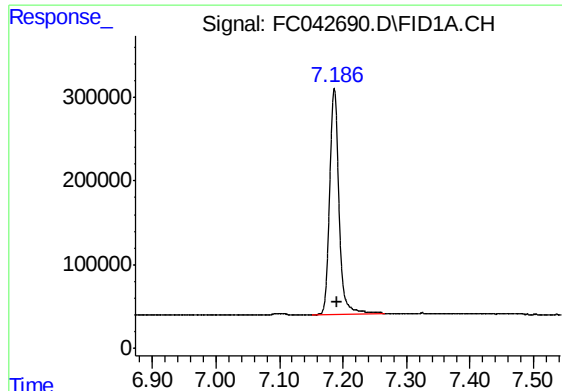
#3 A~Naphthalene (C11.7)

R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 2781870
Conc: 21.43 ug/ml



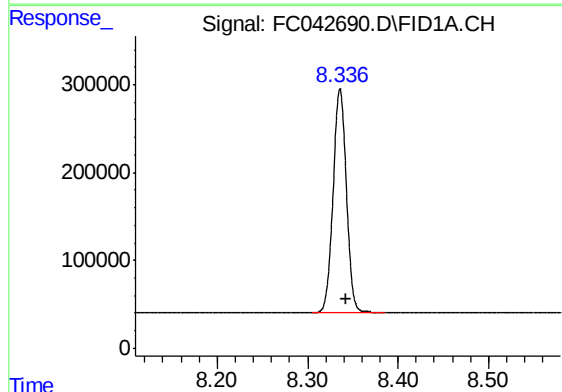
#4 n-Dodecane (C12)

R.T.: 6.555 min
Delta R.T.: -0.005 min
Response: 2589503
Conc: 21.82 ug/ml



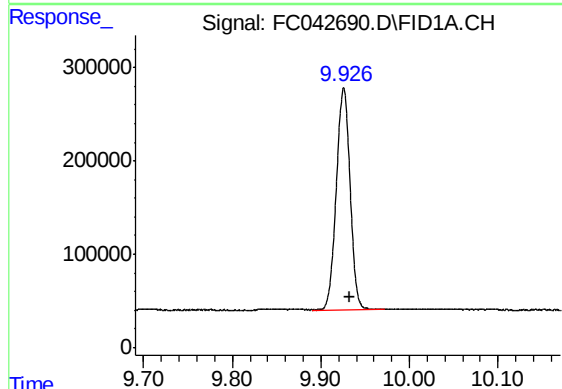
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.187 min
Delta R.T.: -0.004 min
Response: 2765146
Conc: 21.28 ug/ml



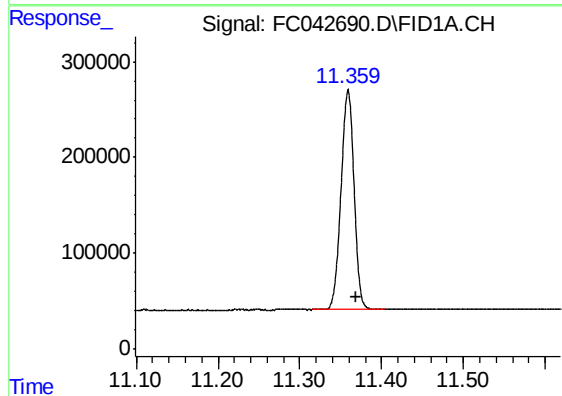
#6 n-Tetradecane (C14)

R.T.: 8.336 min
Delta R.T.: -0.006 min
Response: 2584045
Conc: 21.72 ug/ml



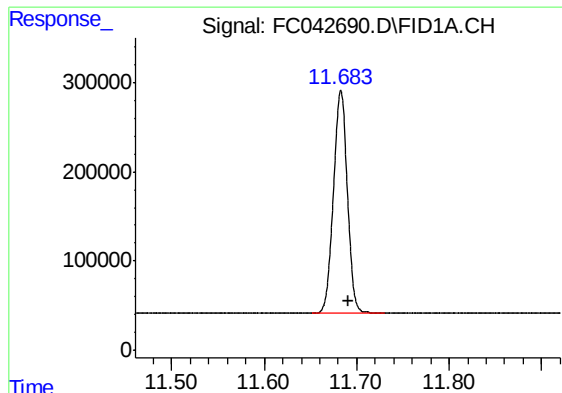
#7 n-Hexadecane (C16)

R.T.: 9.926 min
Delta R.T.: -0.007 min
Response: 2569190
Conc: 21.40 ug/ml



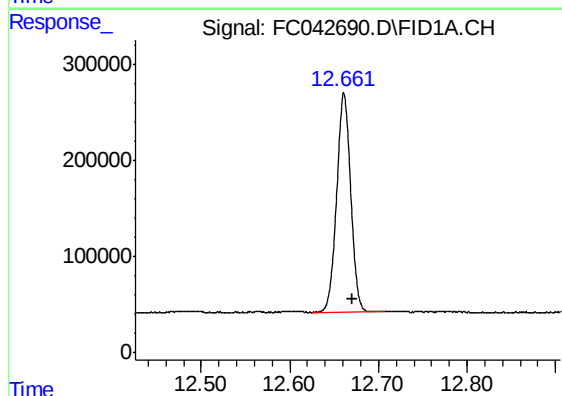
#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: -0.009 min
Response: 2539214
Conc: 20.81 ug/ml



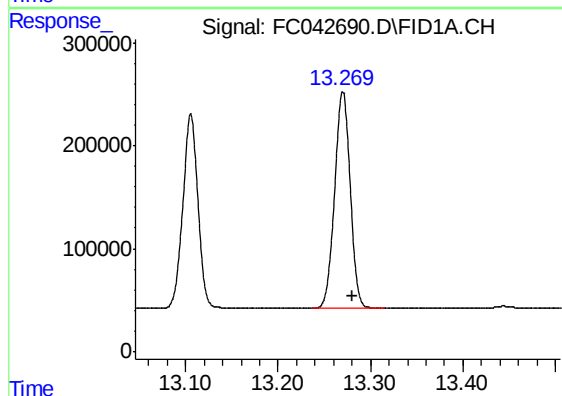
#9 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: -0.008 min
Response: 2606469
Conc: 19.69 ug/ml



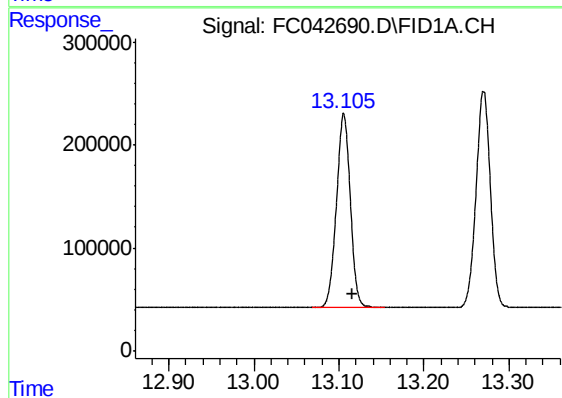
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: -0.010 min
Response: 2503688
Conc: 20.08 ug/ml



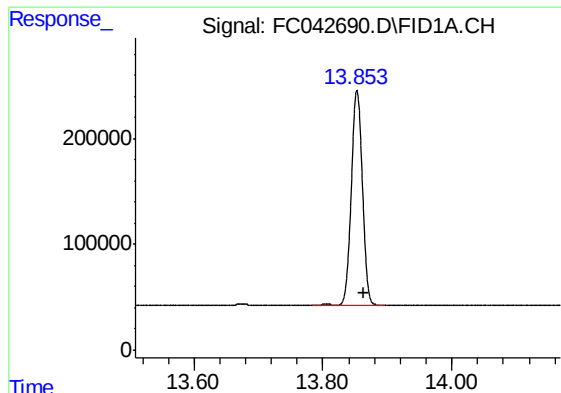
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: -0.010 min
Response: 2462324
Conc: 19.67 ug/ml



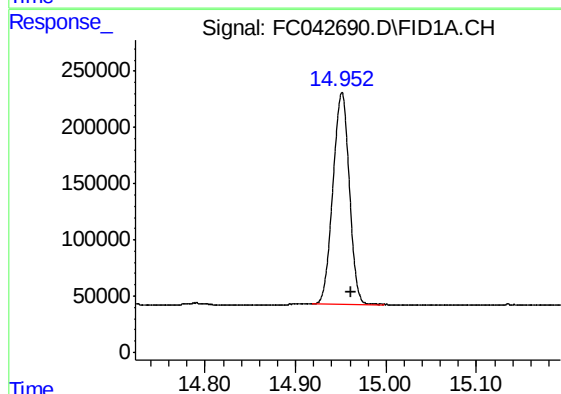
#12 1-chlorooctadecane (SURR)

R.T.: 13.106 min
Delta R.T.: -0.010 min
Response: 2126930
Conc: 19.40 ug/ml



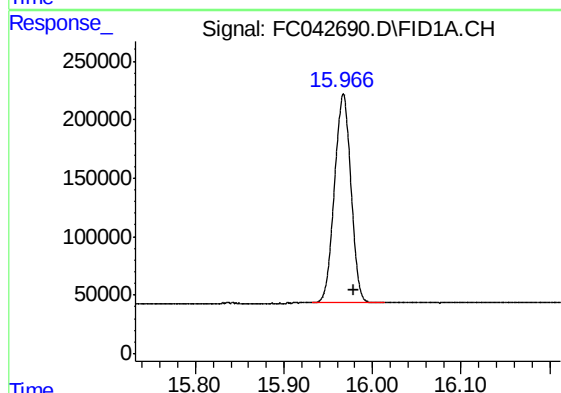
#13 n-Docosane (C22)

R.T.: 13.853 min
Delta R.T.: -0.011 min
Response: 2439392
Conc: 19.45 ug/ml



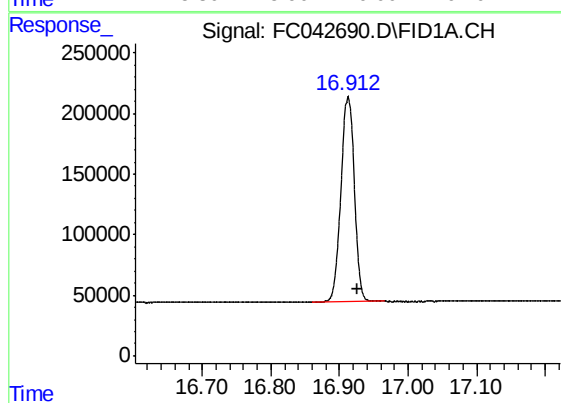
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: -0.011 min
Response: 2359794
Conc: 18.63 ug/ml



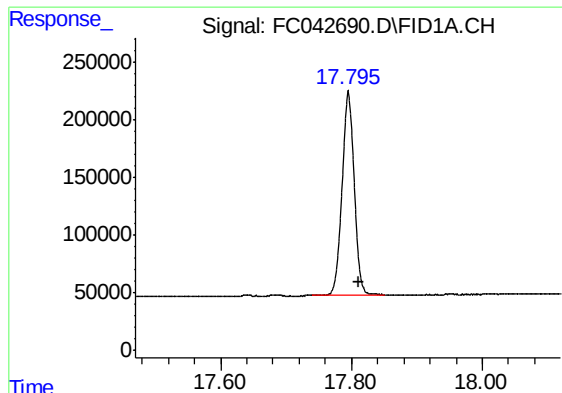
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.011 min
Response: 2314200
Conc: 18.30 ug/ml



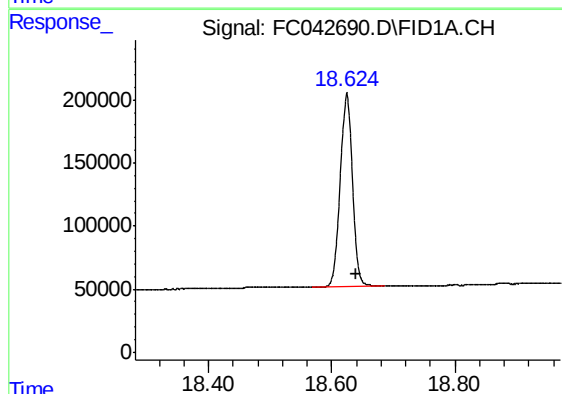
#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: -0.014 min
Response: 2303073
Conc: 18.25 ug/ml



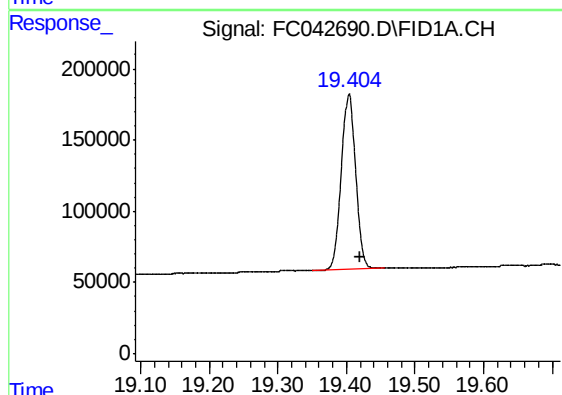
#17 n-Tricontane (C30)

R.T.: 17.795 min
Delta R.T.: -0.016 min
Response: 2267131
Conc: 18.49 ug/ml



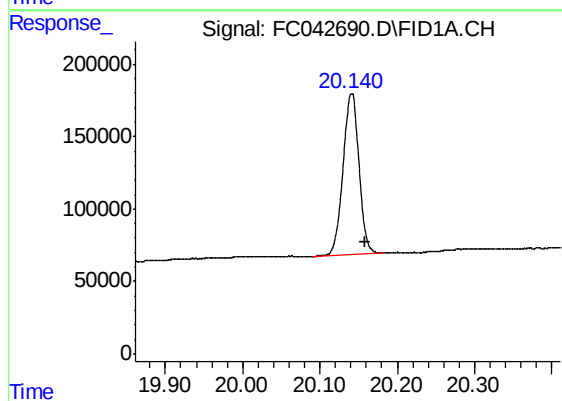
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: -0.015 min
Response: 2120959
Conc: 18.98 ug/ml



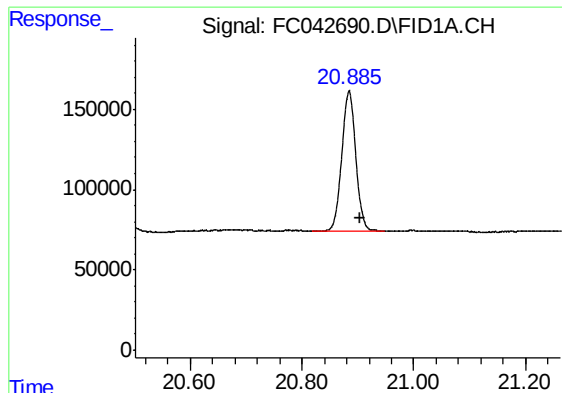
#19 n-Tetratriacontane (C34)

R.T.: 19.404 min
Delta R.T.: -0.016 min
Response: 1796962
Conc: 19.40 ug/ml



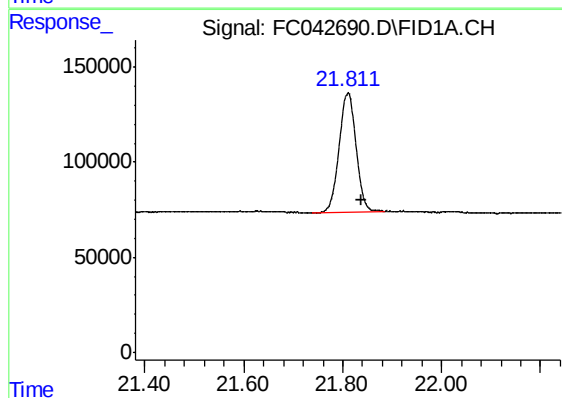
#20 n-Hexatriacontane (C36)

R.T.: 20.141 min
Delta R.T.: -0.016 min
Response: 1586349
Conc: 19.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.885 min
Delta R.T.: -0.020 min
Response: 1512251
Conc: 21.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.811 min
Delta R.T.: -0.026 min
Response: 1490492
Conc: 21.48 ug/ml