

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080819AL\
 Data File : FC042784.D
 Signal(s) : FID1A.CH
 Acq On : 09 Aug 2019 7:56
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 09 08:29:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.682	2642723	18.604 ug/ml
Spiked Amount 50.000		Recovery =	37.21%
12) S 1-chlorooctadecane (S...	13.105	2171948	18.298 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
Target Compounds			
1) T n-Nonane (C9)	3.490	2433155	19.621 ug/ml
2) T n-Decane (C10)	4.553	2481949	19.783 ug/ml
3) T A-Naphthalene (C11.7)	6.139	2706762	19.982 ug/ml
4) T n-Dodecane (C12)	6.555	2508958	19.782 ug/ml
5) T A~2-methylnaphthalene...	7.188	2720660	20.000 ug/ml
6) T n-Tetradecane (C14)	8.336	2511697	19.685 ug/ml
7) T n-Hexadecane (C16)	9.925	2516982	19.472 ug/ml
8) T n-Octadecane (C18)	11.358	2523423	19.072 ug/ml
10) T n-Eicosane (C20)	12.661	2517208	18.622 ug/ml
11) T n-Heneicosane (C21)	13.269	2482997	18.369 ug/ml
13) T n-Docosane (C22)	13.853	2454803	18.082 ug/ml
14) T n-Tetracosane (C24)	14.951	2381327	17.489 ug/ml
15) T n-Hexacosane (C26)	15.966	2275878	16.872 ug/ml
16) T n-Octacosane (C28)	16.913	2175912	16.352 ug/ml
17) T n-Tricontane (C30)	17.797	2065223	16.129 ug/ml
18) T n-Dotriacontane (C32)	18.625	1899968	16.295 ug/ml
19) T n-Tetratriacontane (C34)	19.405	1596435	16.617 ug/ml
20) T n-Hexatriacontane (C36)	20.143	1478207	17.820 ug/ml
21) T n-Octatriacontane (C38)	20.888	1359181	18.372 ug/ml
22) T n-Tetracontane (C40)	21.817	1408764	19.503 ug/mlm

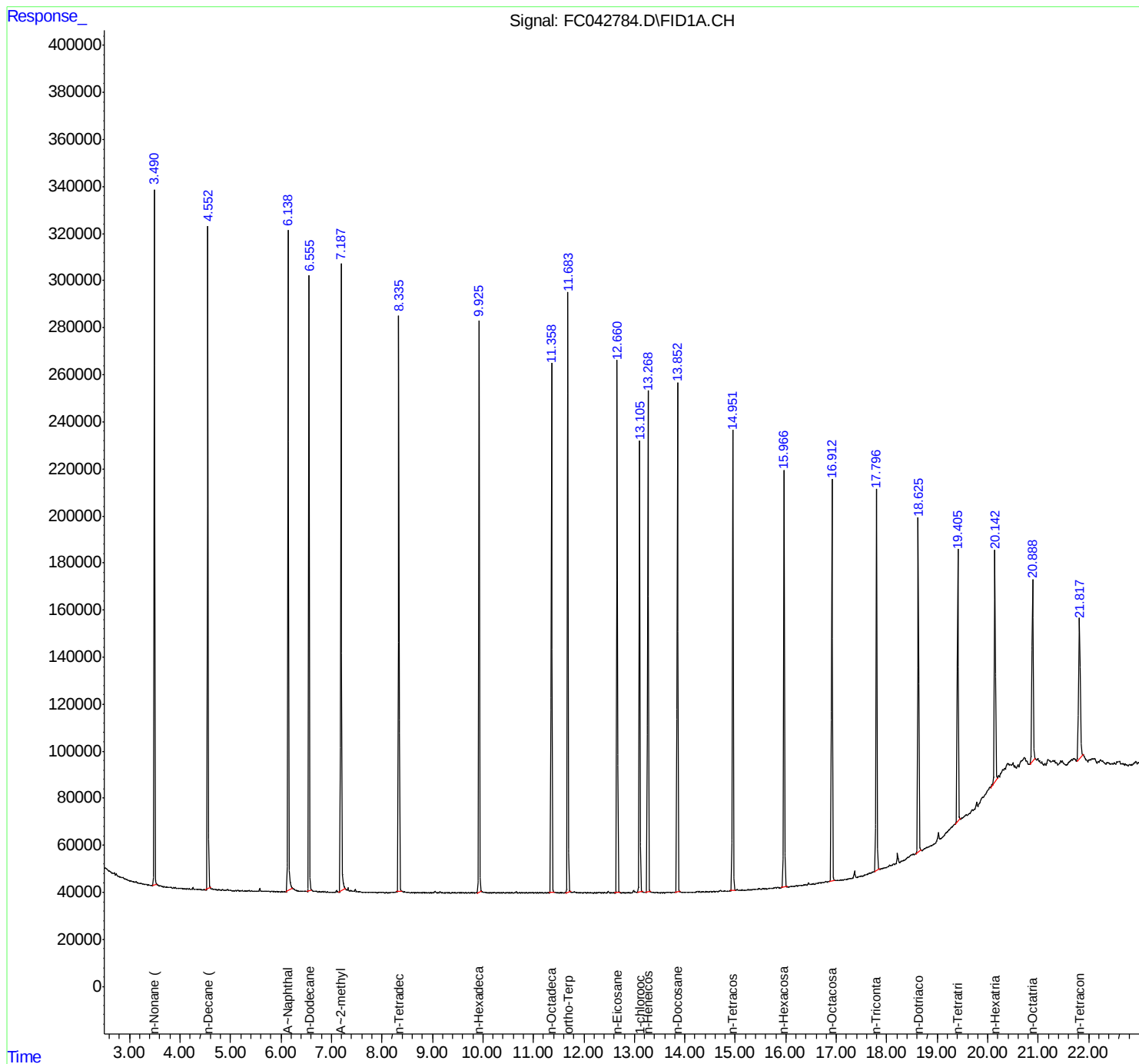
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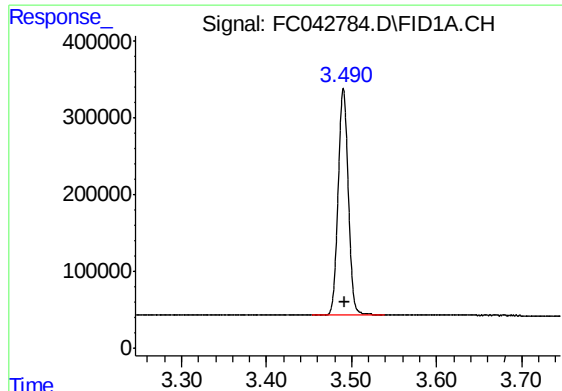
(m)=manual int.

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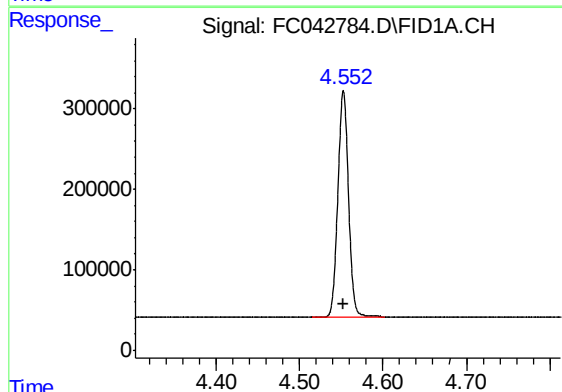
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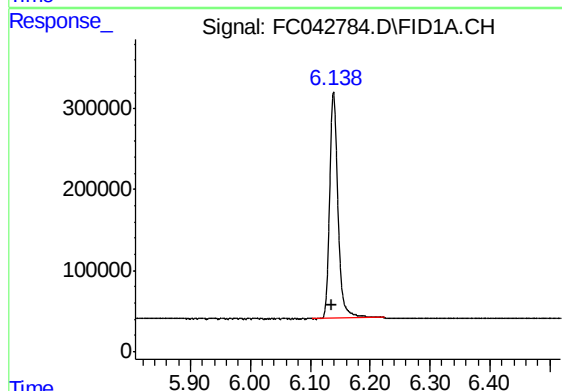
#1 n-Nonane (C9)

R.T.: 3.490 min
Delta R.T.: -0.002 min
Response: 2433155
Conc: 19.62 ug/ml



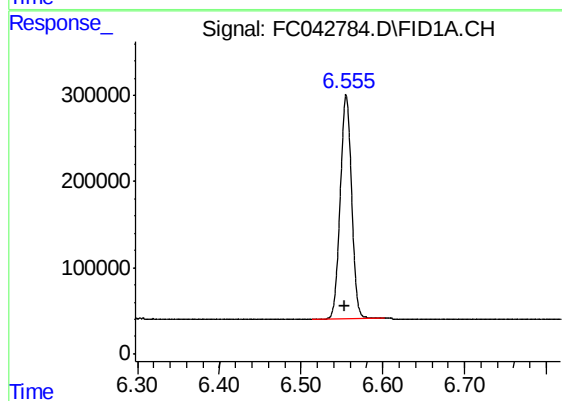
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 2481949
Conc: 19.78 ug/ml



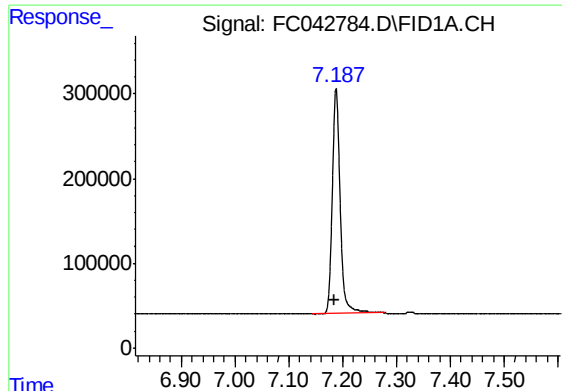
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: 0.002 min
Response: 2706762
Conc: 19.98 ug/ml



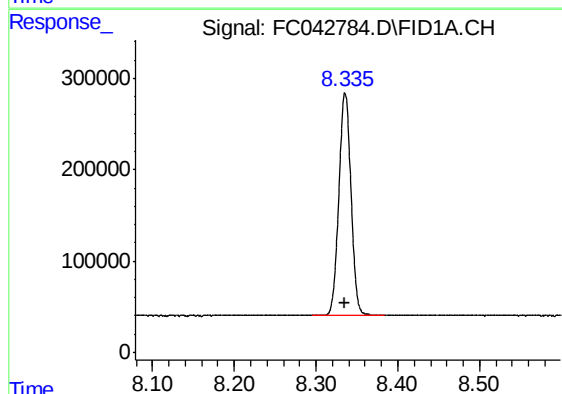
#4 n-Dodecane (C12)

R.T.: 6.555 min
Delta R.T.: 0.002 min
Response: 2508958
Conc: 19.78 ug/ml



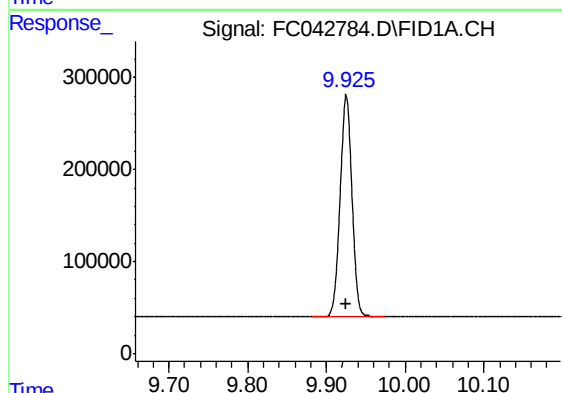
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.188 min
Delta R.T.: 0.003 min
Response: 2720660
Conc: 20.00 ug/ml



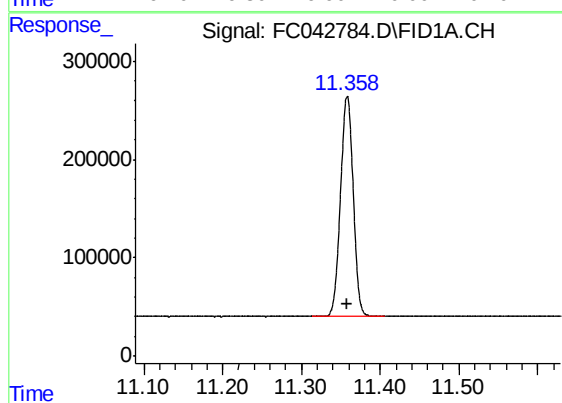
#6 n-Tetradecane (C14)

R.T.: 8.336 min
Delta R.T.: 0.001 min
Response: 2511697
Conc: 19.68 ug/ml



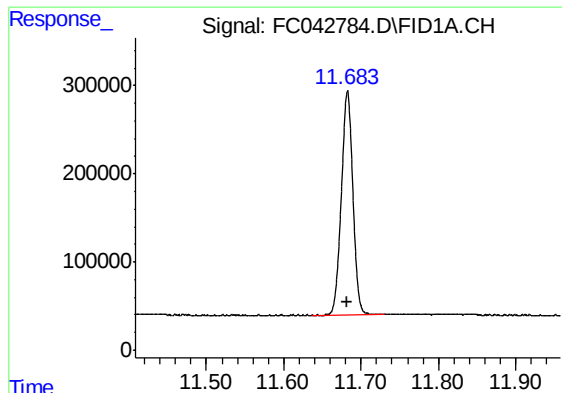
#7 n-Hexadecane (C16)

R.T.: 9.925 min
Delta R.T.: 0.000 min
Response: 2516982
Conc: 19.47 ug/ml



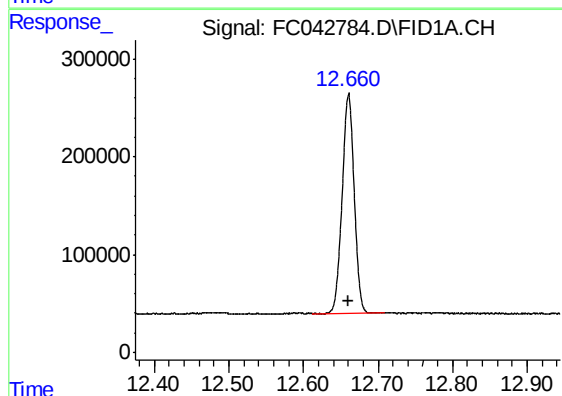
#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 2523423
Conc: 19.07 ug/ml



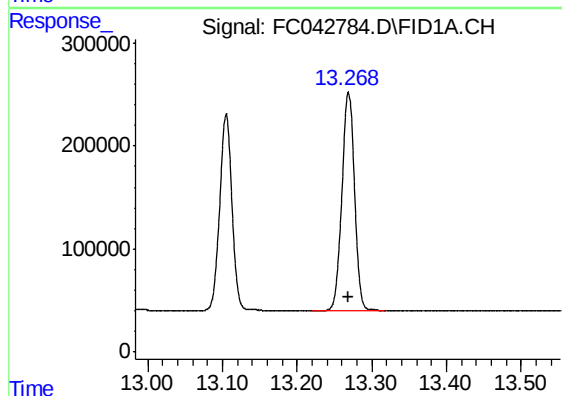
#9 ortho-Terphenyl (SURR)

R.T.: 11.682 min
Delta R.T.: 0.000 min
Response: 2642723
Conc: 18.60 ug/ml



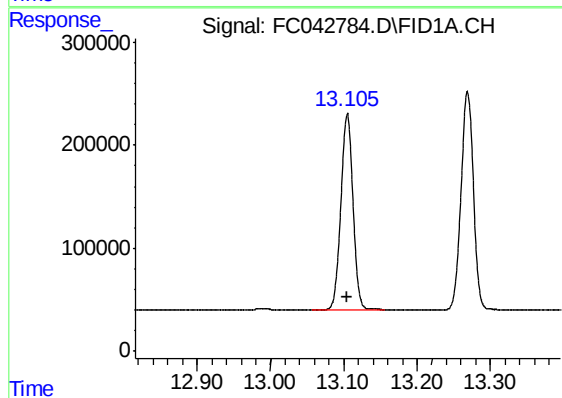
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.000 min
Response: 2517208
Conc: 18.62 ug/ml



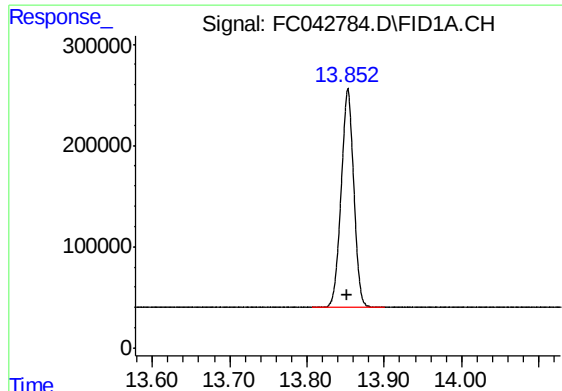
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.000 min
Response: 2482997
Conc: 18.37 ug/ml



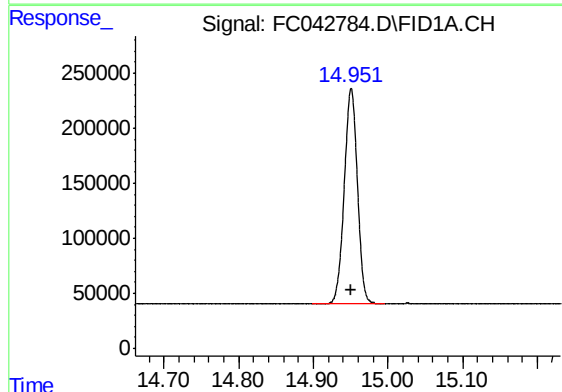
#12 1-chlorooctadecane (SURR)

R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 2171948
Conc: 18.30 ug/ml



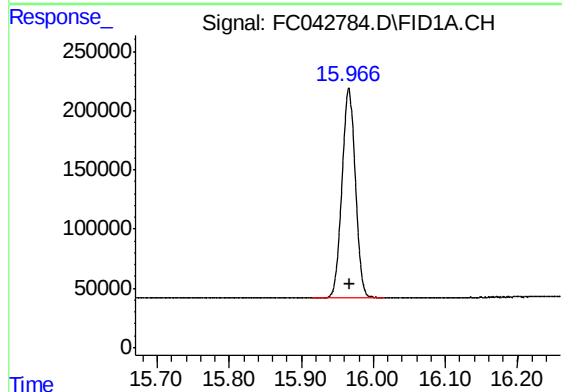
#13 n-Docosane (C22)

R.T.: 13.853 min
Delta R.T.: 0.000 min
Response: 2454803
Conc: 18.08 ug/ml



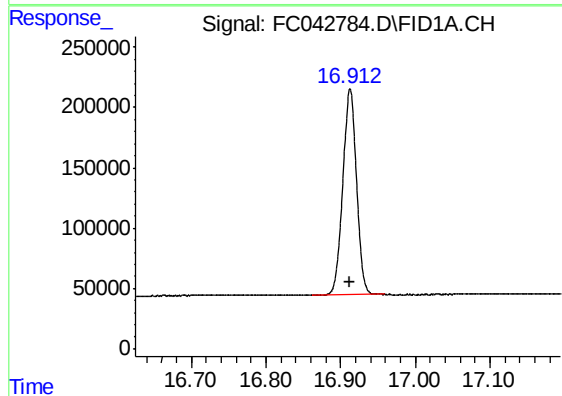
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.000 min
Response: 2381327
Conc: 17.49 ug/ml



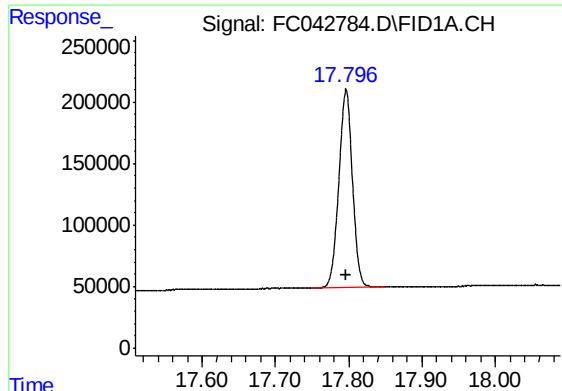
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: 0.000 min
Response: 2275878
Conc: 16.87 ug/ml



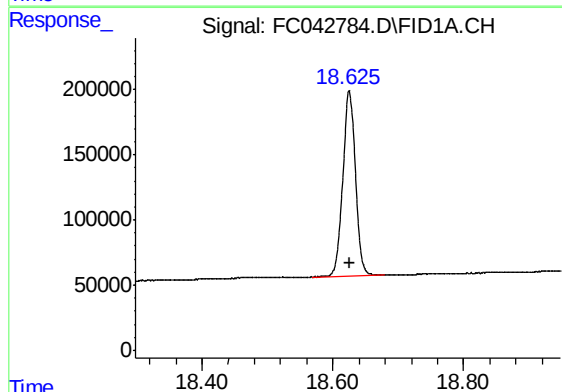
#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: 0.000 min
Response: 2175912
Conc: 16.35 ug/ml



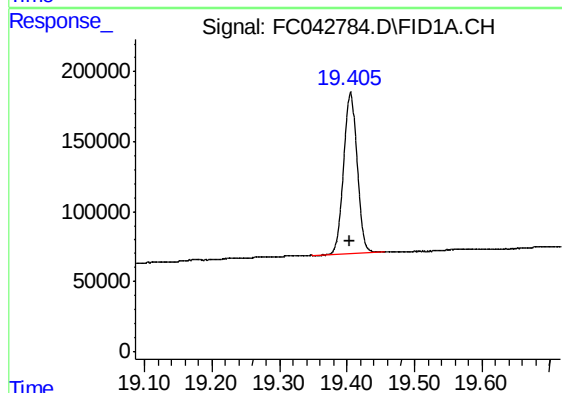
#17 n-Tricontane (C30)

R.T.: 17.797 min
Delta R.T.: 0.000 min
Response: 2065223
Conc: 16.13 ug/ml



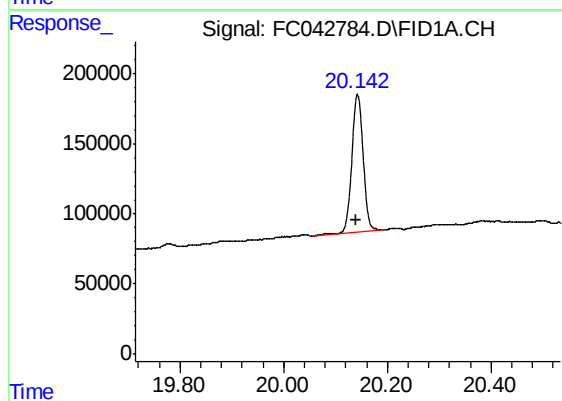
#18 n-Dotriacontane (C32)

R.T.: 18.625 min
Delta R.T.: 0.000 min
Response: 1899968
Conc: 16.29 ug/ml



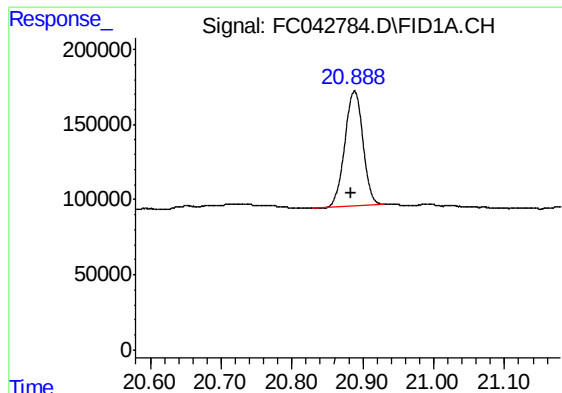
#19 n-Tetatriacontane (C34)

R.T.: 19.405 min
Delta R.T.: 0.001 min
Response: 1596435
Conc: 16.62 ug/ml



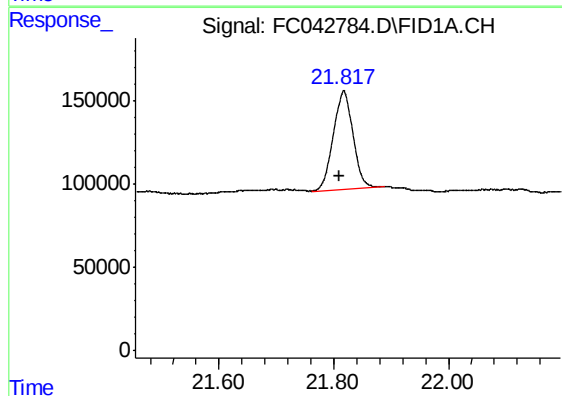
#20 n-Hexatriacontane (C36)

R.T.: 20.143 min
Delta R.T.: 0.002 min
Response: 1478207
Conc: 17.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.888 min
Delta R.T.: 0.004 min
Response: 1359181
Conc: 18.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.817 min
Delta R.T.: 0.007 min
Response: 1408764
Conc: 19.50 ug/ml m