

Data Path : \\74.0.250.170\Terastorage\pestpcbsrv\HPCHEM1\FID_C\Data\FC102918AL\
 Data File : FC037190.D
 Signal(s) : FID1A.CH
 Acq On : 30 Oct 2018 4:02
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 30 10:38:37 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 19 15:53:26 2018
 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)	11.350	2328875	26.247 ug/ml
Spiked Amount 50.000		Recovery =	52.49%
12) S 1-chlorooctadecane (S...	12.793	1832901	28.854 ug/ml
Spiked Amount 50.000		Recovery =	57.71%
Target Compounds			
2) T n-Decane (C10)	4.227	1747557	24.007 ug/ml
3) T A~Naphthalene (C11.7)	5.796	2117372	25.380 ug/ml
4) T n-Dodecane (C12)	6.238	1924180	26.633 ug/ml
5) T A~2-methylnaphthalene...	6.846	2186319	26.404 ug/ml
6) T n-Tetradecane (C14)	8.022	2058285	28.476 ug/ml
7) T n-Hexadecane (C16)	9.614	2110398	28.925 ug/ml
8) T n-Octadecane (C18)	11.049	2140462	29.062 ug/ml
10) T n-Eicosane (C20)	12.353	2156955	29.504 ug/ml
11) T n-Heneicosane (C21)	12.962	2126301	29.692 ug/ml
13) T n-Docosane (C22)	13.546	2158888	30.284 ug/ml
14) T n-Tetracosane (C24)	14.645	2165742	30.548 ug/ml
15) T n-Hexacosane (C26)	15.661	2178832	30.868 ug/ml
16) T n-Octacosane (C28)	16.608	2202286	30.854 ug/ml
17) T n-Tricontane (C30)	17.493	2158577	28.425 ug/ml
18) T n-Dotriacontane (C32)	18.323	2282625	28.470 ug/ml
19) T n-Tetratriacontane (C34)	19.106	2212139	30.877 ug/ml
20) T n-Hexatriacontane (C36)	19.842	2392897	34.954 ug/ml
21) T n-Octatriacontane (C38)	20.547	2740759	41.354 ug/ml
22) T n-Tetracontane (C40)	21.376	2885791	43.396 ug/ml

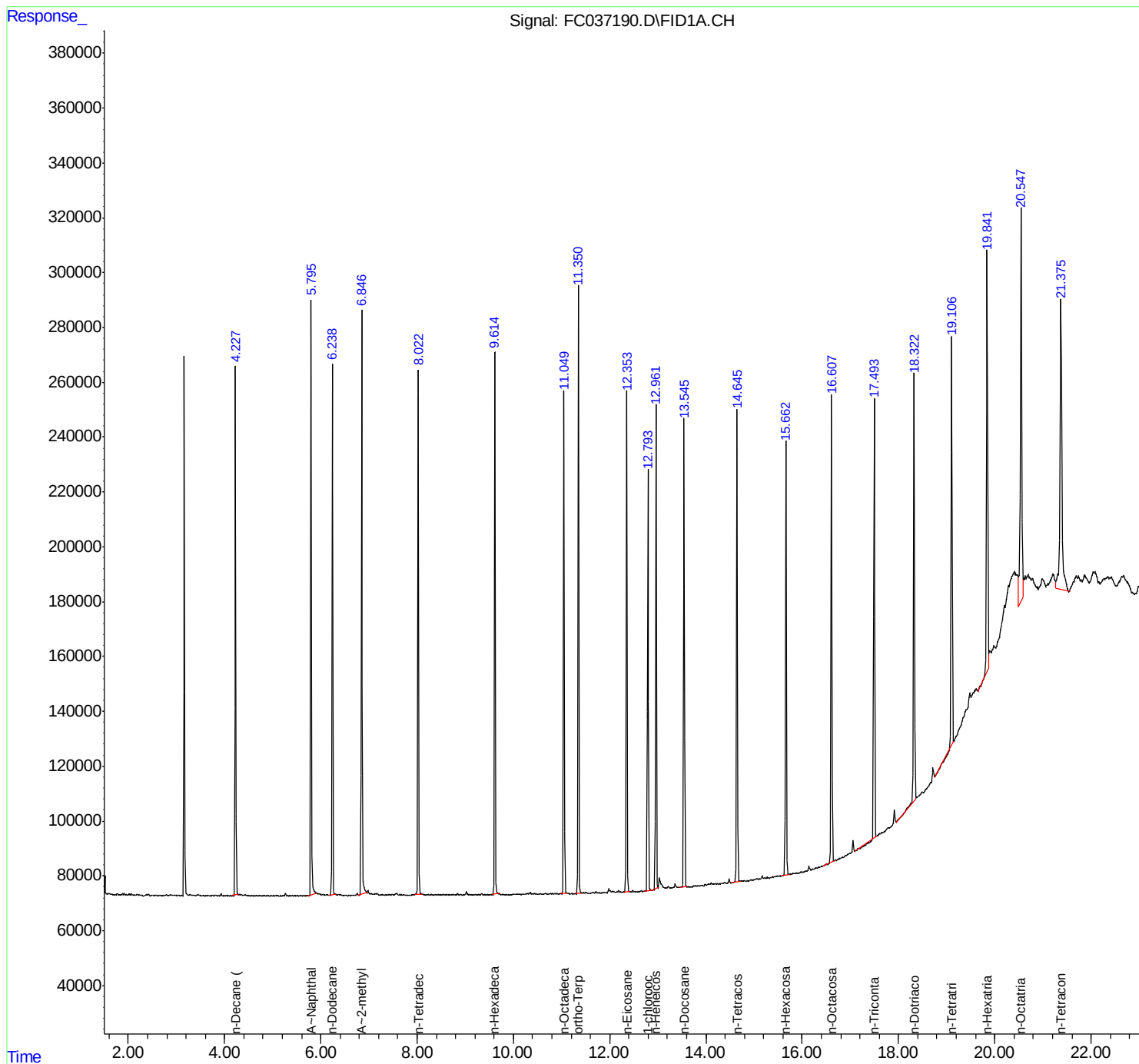
(f)=RT Delta > 1/2 Window

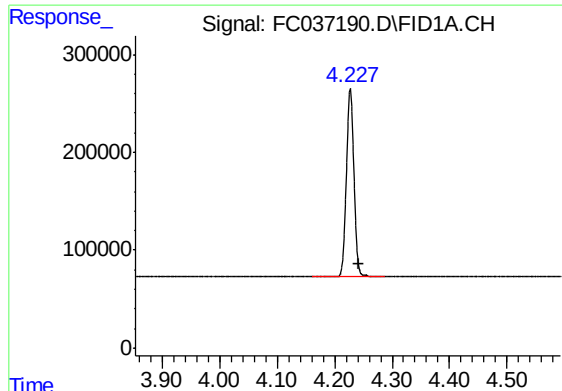
(m)=manual int.

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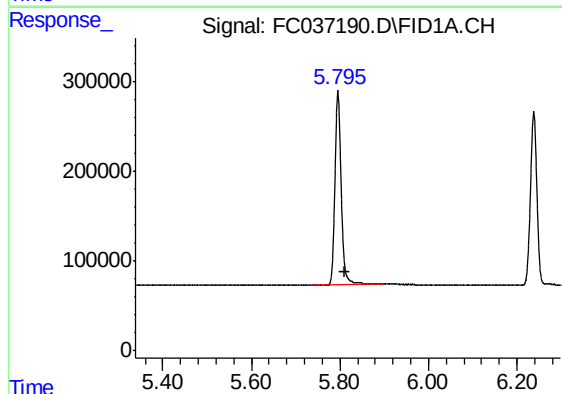
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





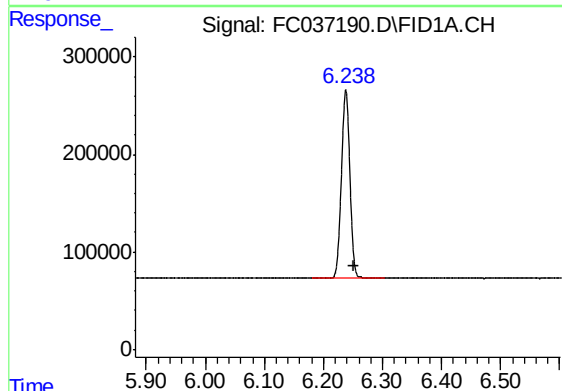
#2 n-Decane (C10)

R.T.: 4.227 min
Delta R.T.: -0.014 min
Response: 1747557
Conc: 24.01 ug/ml



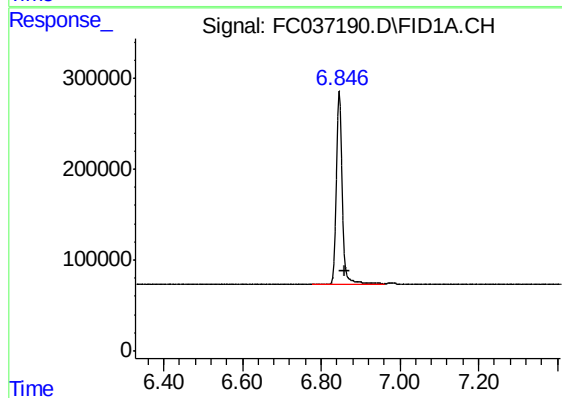
#3 A~Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.014 min
Response: 2117372
Conc: 25.38 ug/ml



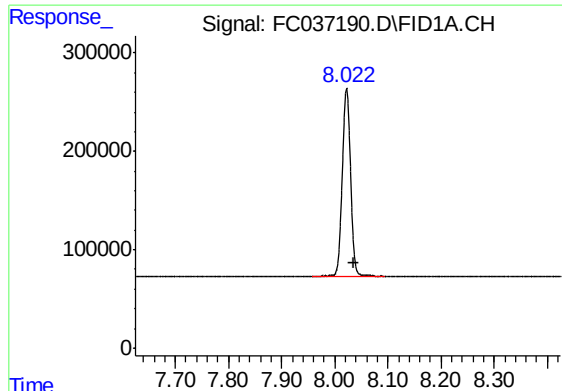
#4 n-Dodecane (C12)

R.T.: 6.238 min
Delta R.T.: -0.014 min
Response: 1924180
Conc: 26.63 ug/ml



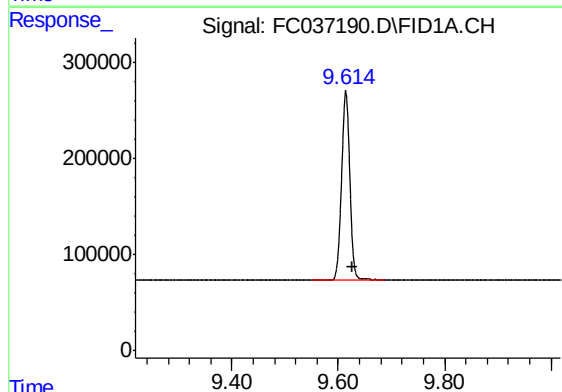
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: -0.014 min
Response: 2186319
Conc: 26.40 ug/ml



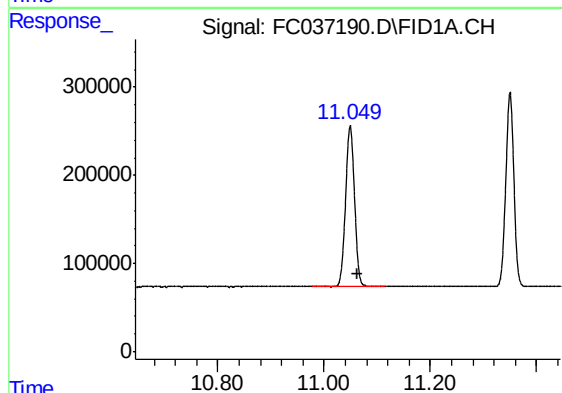
#6 n-Tetradecane (C14)

R.T.: 8.022 min
Delta R.T.: -0.013 min
Response: 2058285
Conc: 28.48 ug/ml



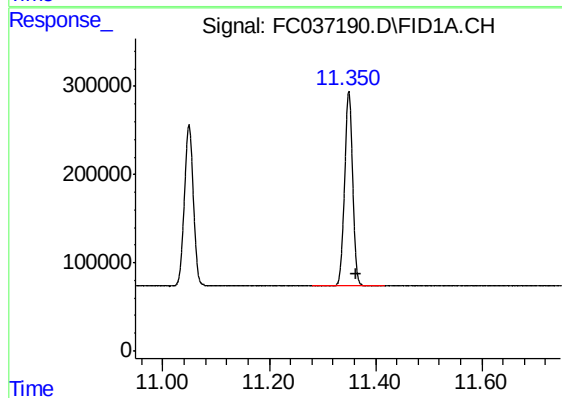
#7 n-Hexadecane (C16)

R.T.: 9.614 min
Delta R.T.: -0.013 min
Response: 2110398
Conc: 28.93 ug/ml



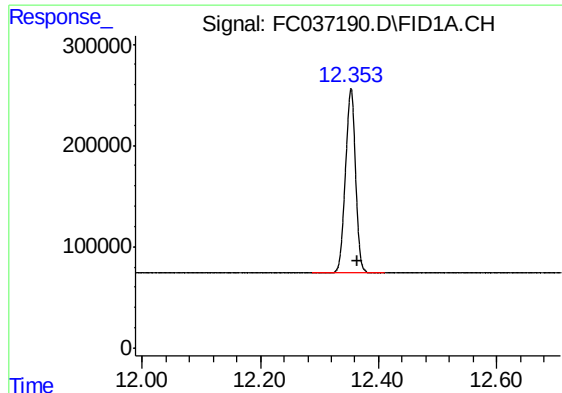
#8 n-Octadecane (C18)

R.T.: 11.049 min
Delta R.T.: -0.013 min
Response: 2140462
Conc: 29.06 ug/ml



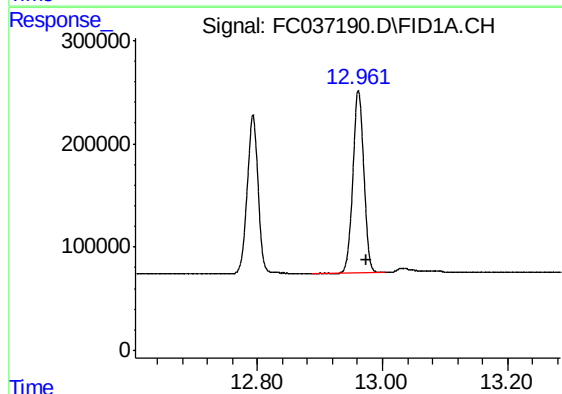
#9 ortho-Terphenyl (SURR)

R.T.: 11.350 min
Delta R.T.: -0.014 min
Response: 2328875
Conc: 26.25 ug/ml



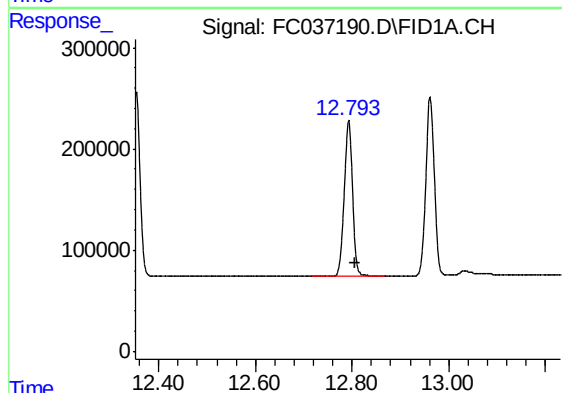
#10 n-Eicosane (C20)

R.T.: 12.353 min
Delta R.T.: -0.012 min
Response: 2156955
Conc: 29.50 ug/ml



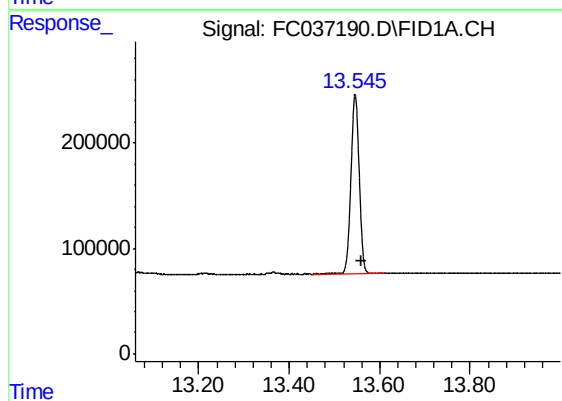
#11 n-Heneicosane (C21)

R.T.: 12.962 min
Delta R.T.: -0.013 min
Response: 2126301
Conc: 29.69 ug/ml



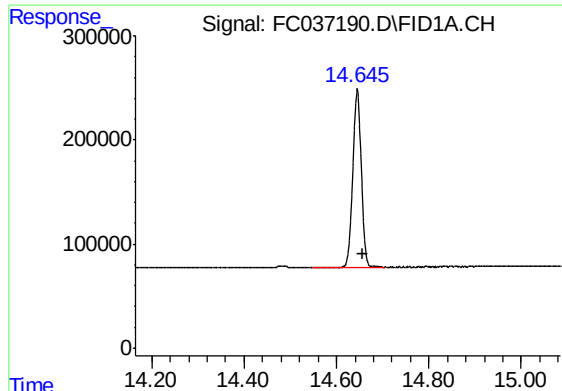
#12 1-chlorooctadecane (SURR)

R.T.: 12.793 min
Delta R.T.: -0.012 min
Response: 1832901
Conc: 28.85 ug/ml



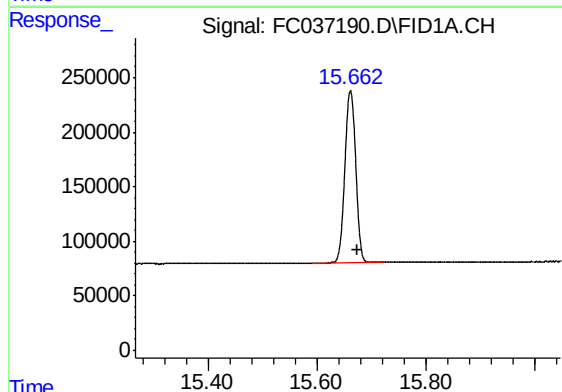
#13 n-Docosane (C22)

R.T.: 13.546 min
Delta R.T.: -0.012 min
Response: 2158888
Conc: 30.28 ug/ml



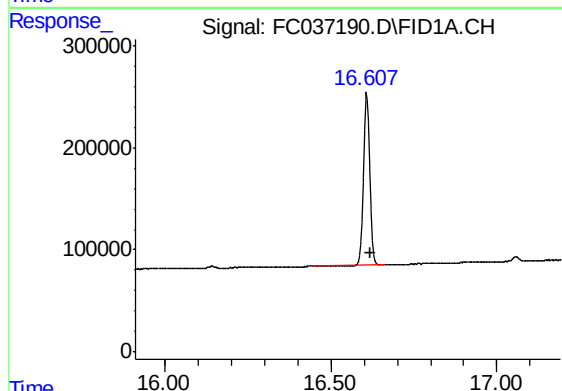
#14 n-Tetracosane (C24)

R.T.: 14.645 min
Delta R.T.: -0.011 min
Response: 2165742
Conc: 30.55 ug/ml



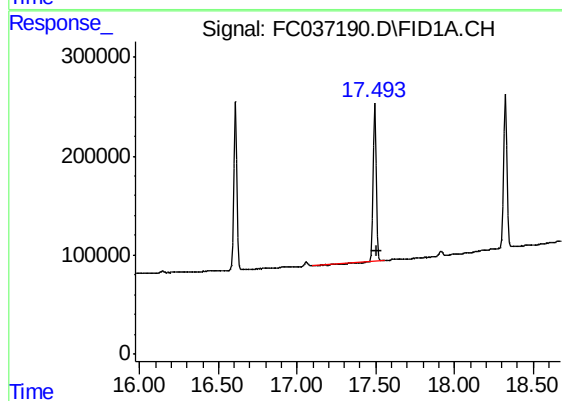
#15 n-Hexacosane (C26)

R.T.: 15.661 min
Delta R.T.: -0.013 min
Response: 2178832
Conc: 30.87 ug/ml



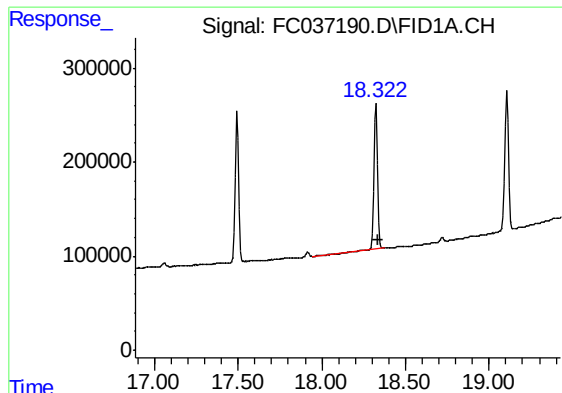
#16 n-Octacosane (C28)

R.T.: 16.608 min
Delta R.T.: -0.011 min
Response: 2202286
Conc: 30.85 ug/ml



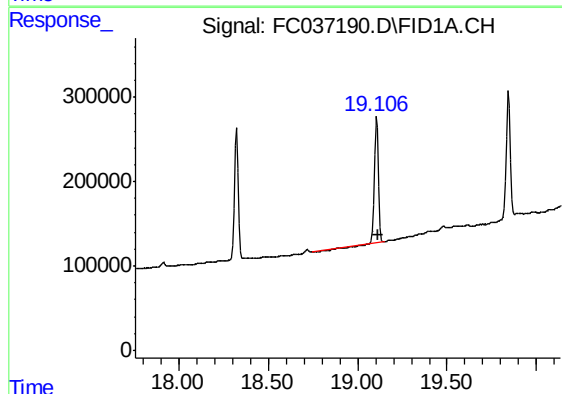
#17 n-Tricontane (C30)

R.T.: 17.493 min
Delta R.T.: -0.011 min
Response: 2158577
Conc: 28.42 ug/ml



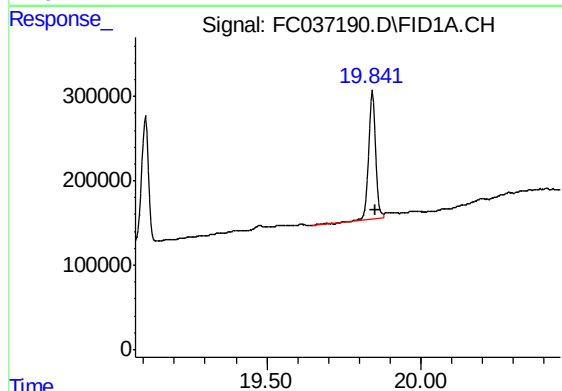
#18 n-Dotriacontane (C32)

R.T.: 18.323 min
Delta R.T.: -0.012 min
Response: 2282625
Conc: 28.47 ug/ml



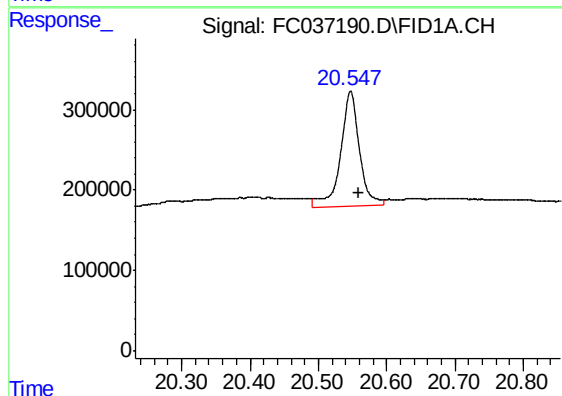
#19 n-Tetratriacontane (C34)

R.T.: 19.106 min
Delta R.T.: -0.009 min
Response: 2212139
Conc: 30.88 ug/ml



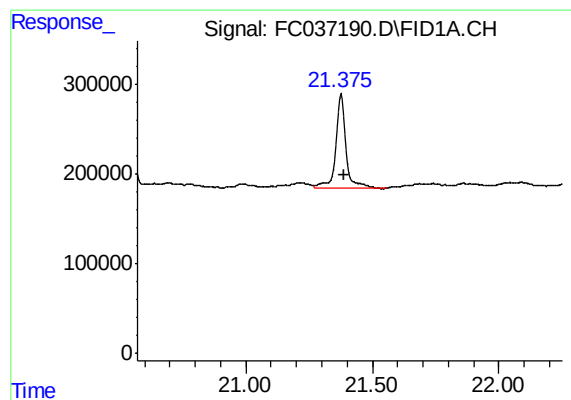
#20 n-Hexatriacontane (C36)

R.T.: 19.842 min
Delta R.T.: -0.009 min
Response: 2392897
Conc: 34.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.547 min
Delta R.T.: -0.012 min
Response: 2740759
Conc: 41.35 ug/ml



#22 n-Tetracontane (C₄₀)

R.T.: 21.376 min
Delta R.T.: -0.013 min
Response: 2885791
Conc: 43.40 ug/ml