

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC103119AL\
 Data File : FC044290.D
 Signal(s) : FID1A.CH
 Acq On : 31 Oct 2019 9:08
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 01 01:36:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 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)	11.724	2575818	17.671 ug/ml
Spiked Amount 50.000		Recovery =	35.34%
12) S 1-chlorooctadecane (S...	13.157	1935422	17.309 ug/ml
Spiked Amount 50.000		Recovery =	34.62%
Target Compounds			
1) T n-Nonane (C9)	3.447	2394565	21.738 ug/ml
2) T n-Decane (C10)	4.524	2451450	22.071 ug/ml
3) T A~Naphthalene (C11.7)	6.125	2724145	21.894 ug/ml
4) T n-Dodecane (C12)	6.551	2483598	22.083 ug/ml
5) T A~2-methylnaphthalene...	7.184	2748045	21.792 ug/ml
6) T n-Tetradecane (C14)	8.350	2466333	21.800 ug/ml
7) T n-Hexadecane (C16)	9.954	2442127	21.373 ug/ml
8) T n-Octadecane (C18)	11.398	2388746	20.864 ug/ml
10) T n-Eicosane (C20)	12.710	2311507	20.268 ug/ml
11) T n-Heneicosane (C21)	13.324	2284313	19.915 ug/ml
13) T n-Docosane (C22)	13.910	2228801	19.627 ug/ml
14) T n-Tetracosane (C24)	15.015	2163092	19.129 ug/ml
15) T n-Hexacosane (C26)	16.037	2090422	18.894 ug/ml
16) T n-Octacosane (C28)	16.989	2059572	19.013 ug/ml
17) T n-Tricontane (C30)	17.878	2081781	19.670 ug/ml
18) T n-Dotriacontane (C32)	18.711	2041393	20.270 ug/ml
19) T n-Tetratriacontane (C34)	19.497	1985585	21.176 ug/ml
20) T n-Hexatriacontane (C36)	20.237	1933668	22.275 ug/ml
21) T n-Octatriacontane (C38)	21.013	1836584	22.775 ug/ml
22) T n-Tetracontane (C40)	21.985	1910921	22.607 ug/ml

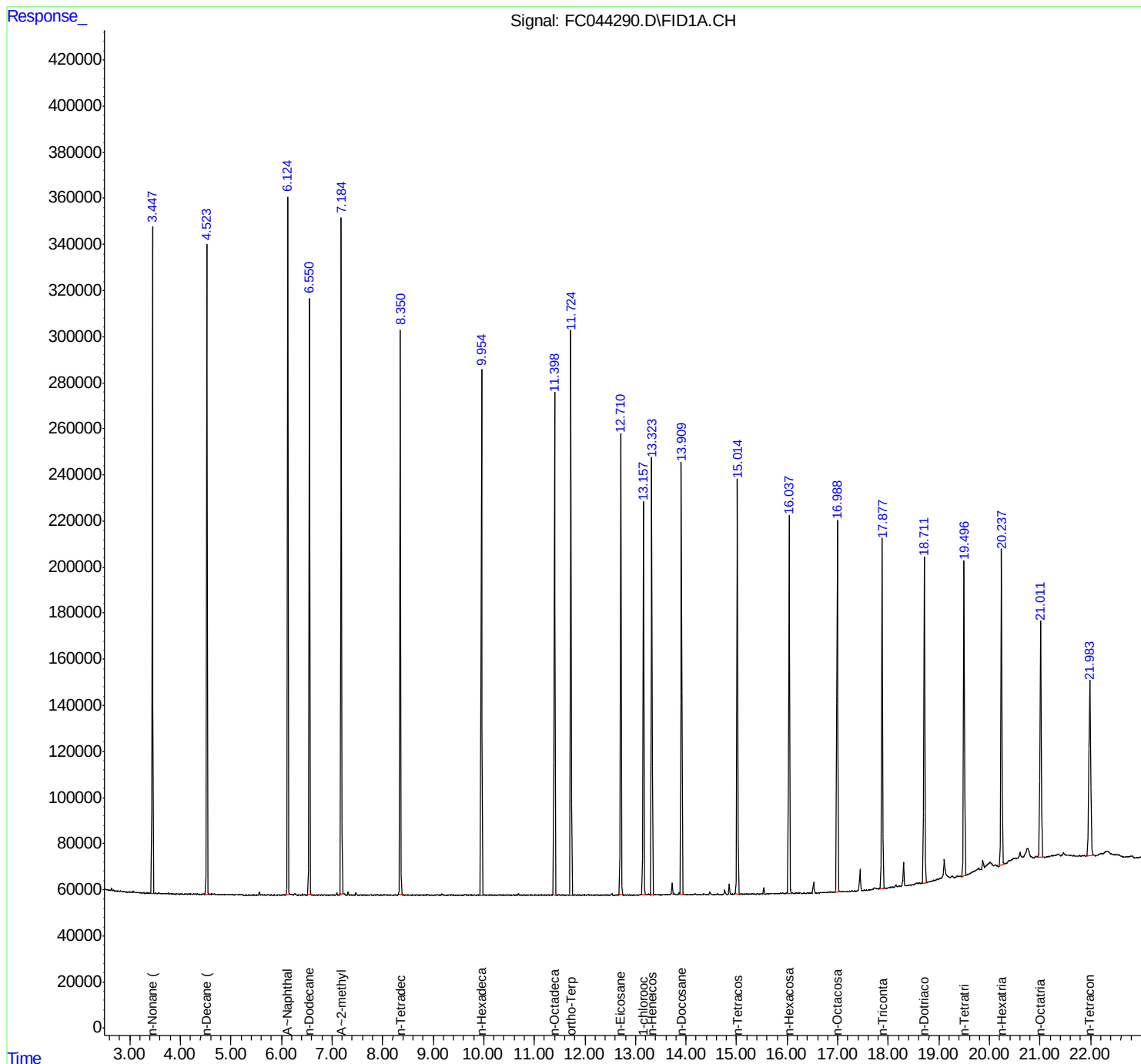
(f)=RT Delta > 1/2 Window

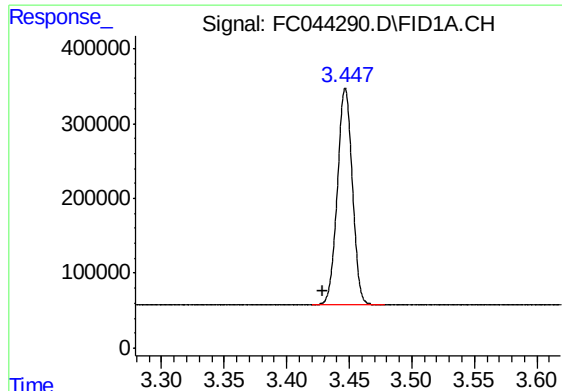
(m)=manual int.

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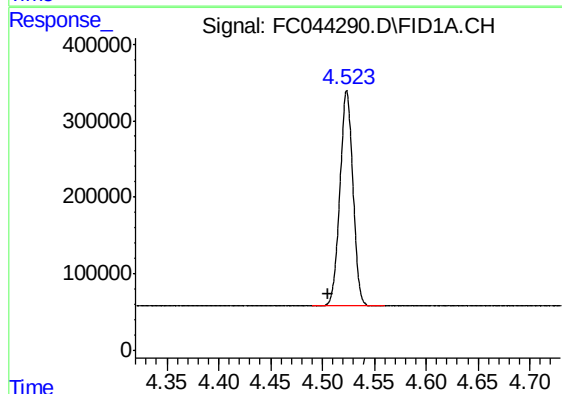
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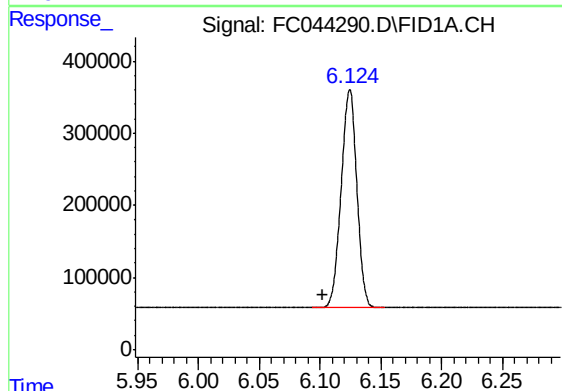
#1 n-Nonane (C9)

R.T.: 3.447 min
Delta R.T.: 0.018 min
Response: 2394565
Conc: 21.74 ug/ml



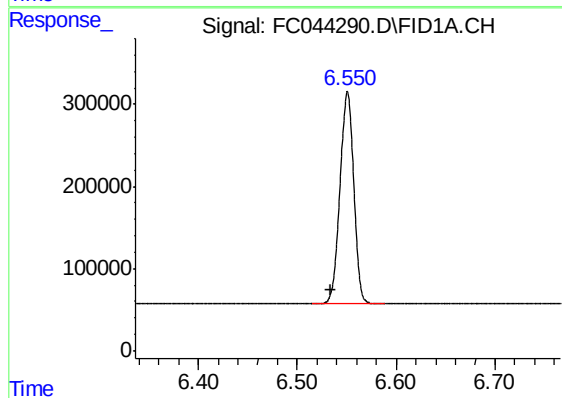
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.018 min
Response: 2451450
Conc: 22.07 ug/ml



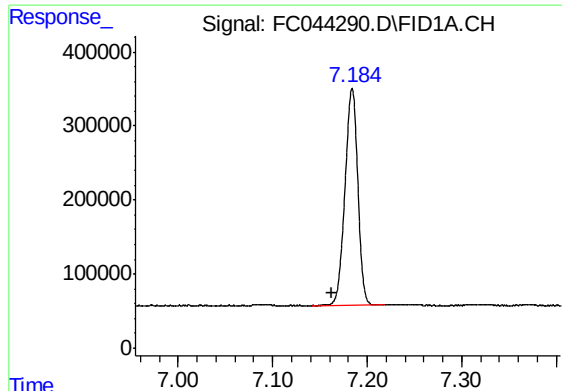
#3 A~Naphthalene (C11.7)

R.T.: 6.125 min
Delta R.T.: 0.022 min
Response: 2724145
Conc: 21.89 ug/ml



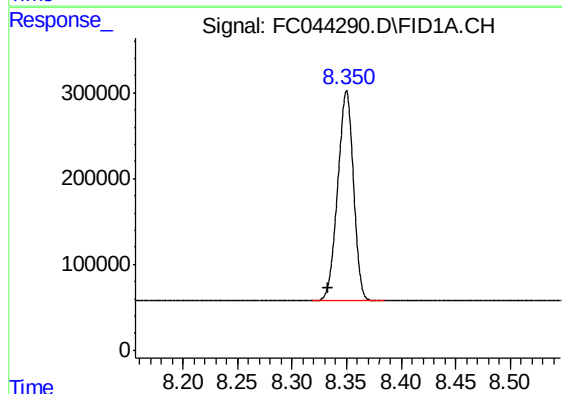
#4 n-Dodecane (C12)

R.T.: 6.551 min
Delta R.T.: 0.018 min
Response: 2483598
Conc: 22.08 ug/ml



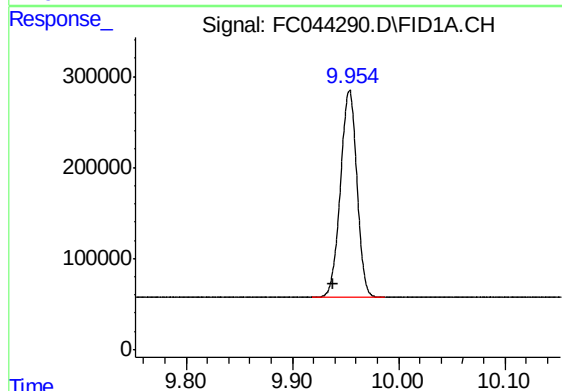
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.184 min
Delta R.T.: 0.021 min
Response: 2748045
Conc: 21.79 ug/ml



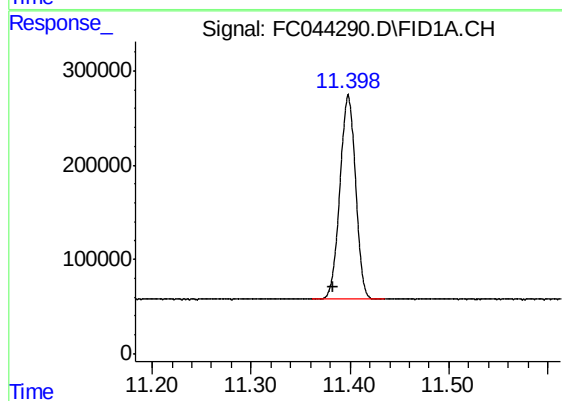
#6 n-Tetradecane (C14)

R.T.: 8.350 min
Delta R.T.: 0.017 min
Response: 2466333
Conc: 21.80 ug/ml



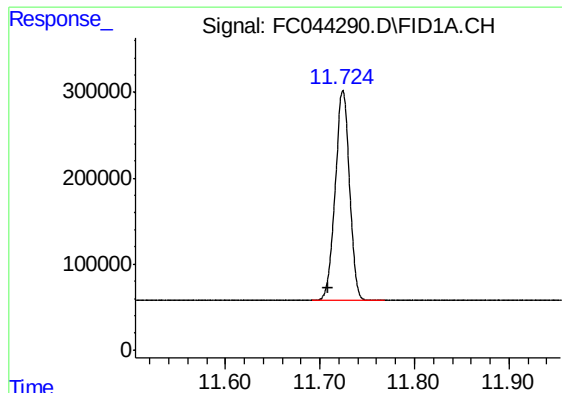
#7 n-Hexadecane (C16)

R.T.: 9.954 min
Delta R.T.: 0.015 min
Response: 2442127
Conc: 21.37 ug/ml



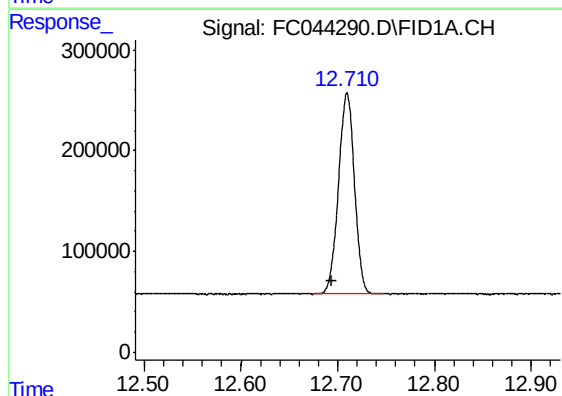
#8 n-Octadecane (C18)

R.T.: 11.398 min
Delta R.T.: 0.016 min
Response: 2388746
Conc: 20.86 ug/ml



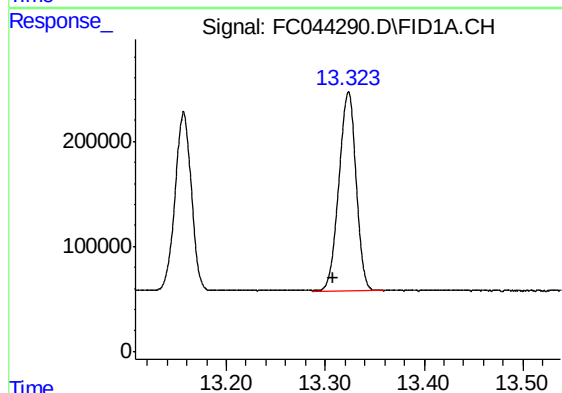
#9 ortho-Terphenyl (SURR)

R.T.: 11.724 min
Delta R.T.: 0.016 min
Response: 2575818
Conc: 17.67 ug/ml



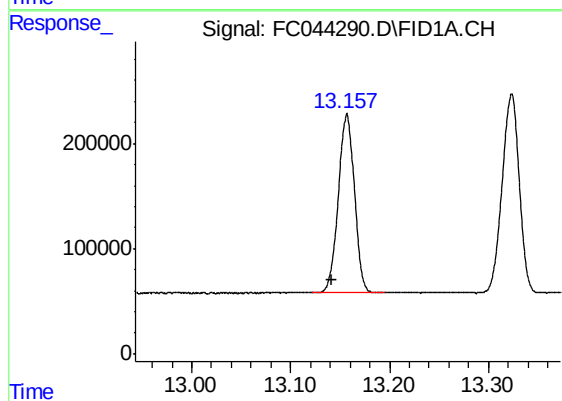
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: 0.015 min
Response: 2311507
Conc: 20.27 ug/ml



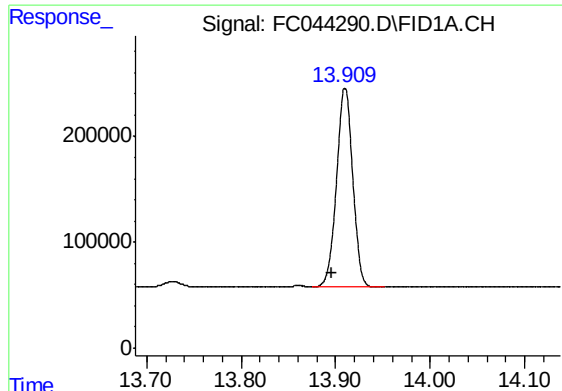
#11 n-Heneicosane (C21)

R.T.: 13.324 min
Delta R.T.: 0.016 min
Response: 2284313
Conc: 19.92 ug/ml



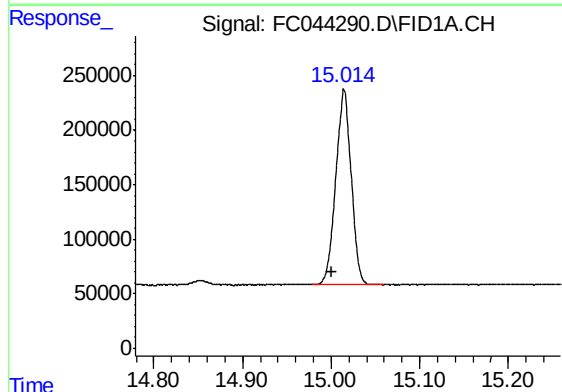
#12 1-chlorooctadecane (SURR)

R.T.: 13.157 min
Delta R.T.: 0.015 min
Response: 1935422
Conc: 17.31 ug/ml



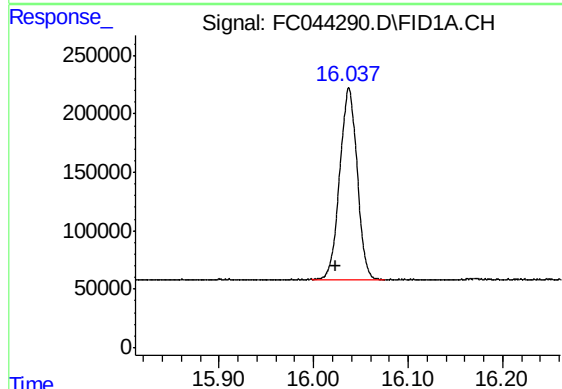
#13 n-Docosane (C22)

R.T.: 13.910 min
Delta R.T.: 0.015 min
Response: 2228801
Conc: 19.63 ug/ml



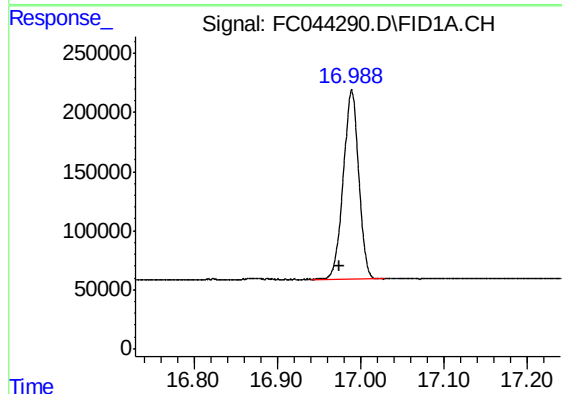
#14 n-Tetracosane (C24)

R.T.: 15.015 min
Delta R.T.: 0.014 min
Response: 2163092
Conc: 19.13 ug/ml



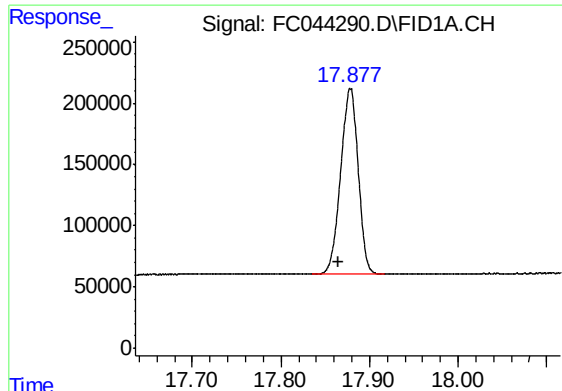
#15 n-Hexacosane (C26)

R.T.: 16.037 min
Delta R.T.: 0.014 min
Response: 2090422
Conc: 18.89 ug/ml



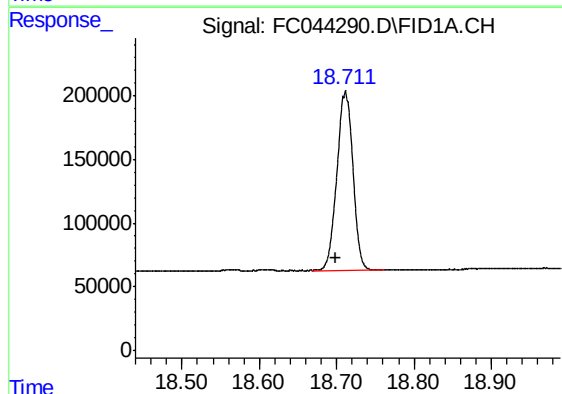
#16 n-Octacosane (C28)

R.T.: 16.989 min
Delta R.T.: 0.015 min
Response: 2059572
Conc: 19.01 ug/ml



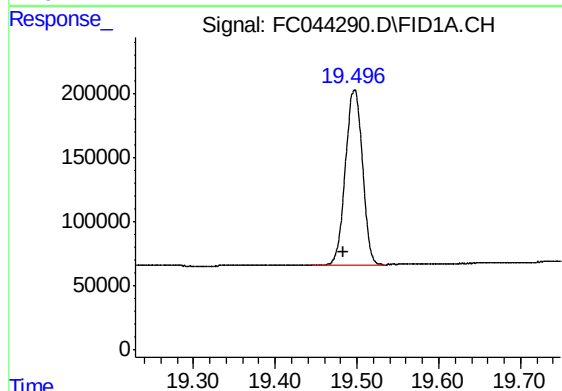
#17 n-Tricontane (C30)

R.T.: 17.878 min
Delta R.T.: 0.014 min
Response: 2081781
Conc: 19.67 ug/ml



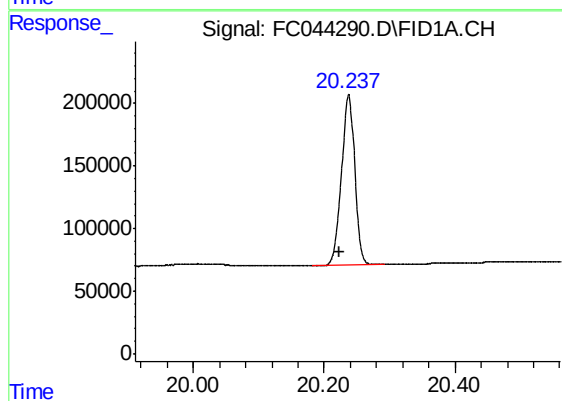
#18 n-Dotriacontane (C32)

R.T.: 18.711 min
Delta R.T.: 0.013 min
Response: 2041393
Conc: 20.27 ug/ml



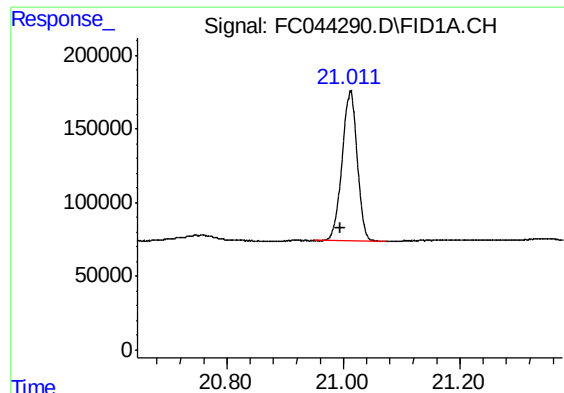
#19 n-Tetatriacontane (C34)

R.T.: 19.497 min
Delta R.T.: 0.013 min
Response: 1985585
Conc: 21.18 ug/ml



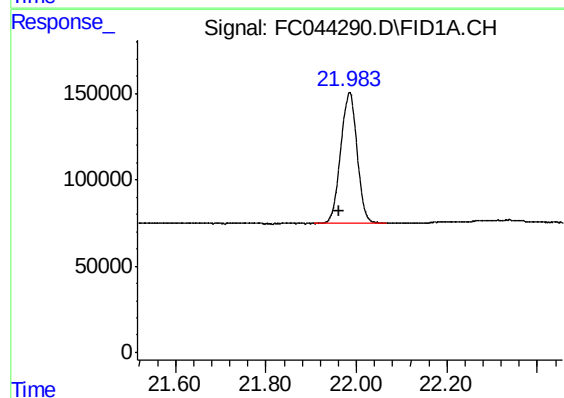
#20 n-Hexatriacontane (C36)

R.T.: 20.237 min
Delta R.T.: 0.014 min
Response: 1933668
Conc: 22.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.013 min
Delta R.T.: 0.019 min
Response: 1836584
Conc: 22.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: 0.023 min
Response: 1910921
Conc: 22.61 ug/ml