

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111819AL\
 Data File : FC044595.D
 Signal(s) : FID1A.CH
 Acq On : 18 Nov 2019 16:00
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 19 00:53:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.725	2449854	16.807 ug/ml
Spiked Amount 50.000		Recovery =	33.61%
12) S 1-chlorooctadecane (S...	13.153	1828148	16.350 ug/ml
Spiked Amount 50.000		Recovery =	32.70%
Target Compounds			
1) T n-Nonane (C9)	3.457	2333924	21.187 ug/ml
2) T n-Decane (C10)	4.533	2376128	21.393 ug/ml
3) T A~Naphthalene (C11.7)	6.135	2606873	20.952 ug/ml
4) T n-Dodecane (C12)	6.557	2389505	21.247 ug/ml
5) T A~2-methylnaphthalene...	7.193	2612383	20.716 ug/ml
6) T n-Tetradecane (C14)	8.354	2366293	20.916 ug/ml
7) T n-Hexadecane (C16)	9.955	2336772	20.451 ug/ml
8) T n-Octadecane (C18)	11.398	2284268	19.951 ug/ml
10) T n-Eicosane (C20)	12.707	2207236	19.354 ug/ml
11) T n-Heneicosane (C21)	13.319	2181180	19.016 ug/ml
13) T n-Docosane (C22)	13.905	2130143	18.758 ug/ml
14) T n-Tetracosane (C24)	15.009	2068532	18.292 ug/ml
15) T n-Hexacosane (C26)	16.030	1997925	18.058 ug/ml
16) T n-Octacosane (C28)	16.980	1972195	18.206 ug/ml
17) T n-Tricontane (C30)	17.868	1995400	18.854 ug/ml
18) T n-Dotriacontane (C32)	18.703	1968307	19.544 ug/ml
19) T n-Tetratriacontane (C34)	19.484	1965067	20.957 ug/ml
20) T n-Hexatriacontane (C36)	20.225	1909718	21.999 ug/ml
21) T n-Octatriacontane (C38)	20.996	1832291	22.722 ug/ml
22) T n-Tetracontane (C40)	21.962	1858944	21.992 ug/ml

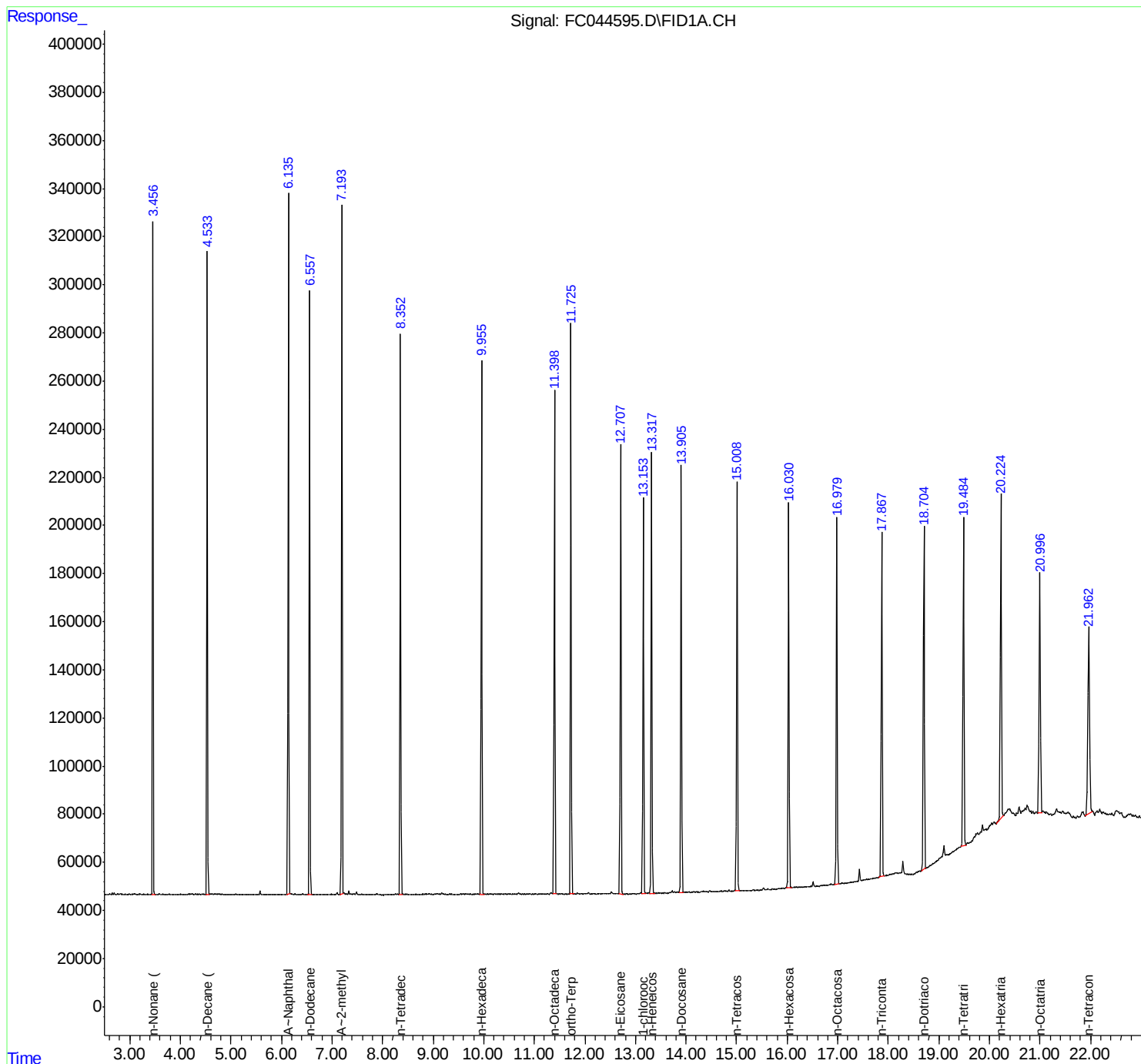
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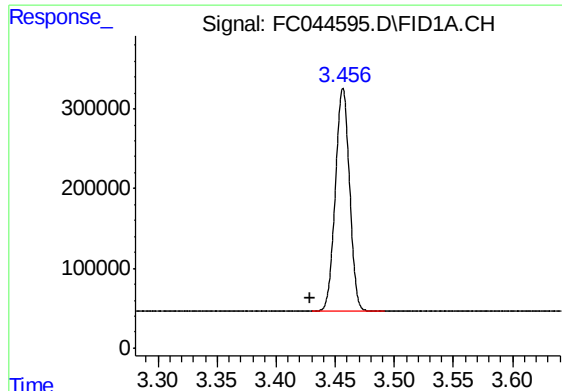
(m)=manual int.

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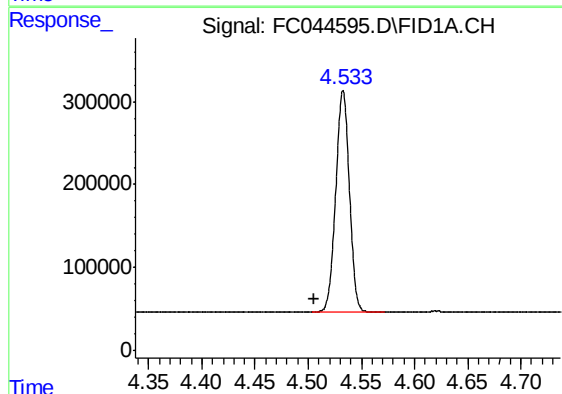
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Signal Info : 20M x 0.18mm x 0.18um





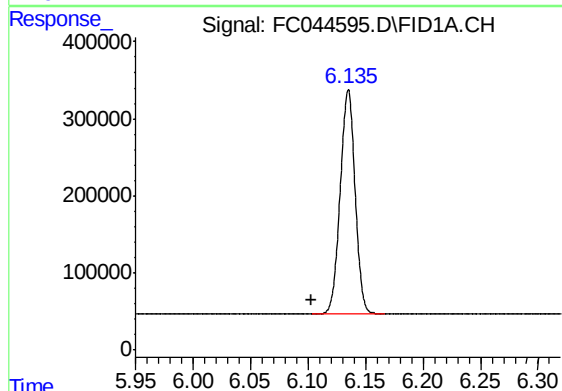
#1 n-Nonane (C9)

R.T.: 3.457 min
Delta R.T.: 0.028 min
Response: 2333924
Conc: 21.19 ug/ml



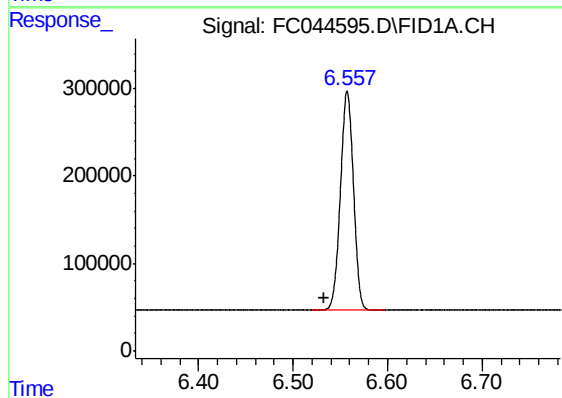
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: 0.027 min
Response: 2376128
Conc: 21.39 ug/ml



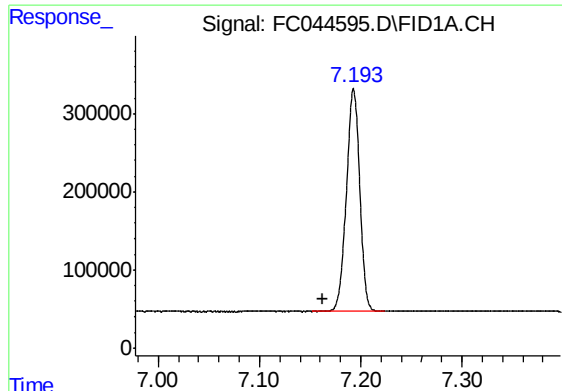
#3 A~Naphthalene (C11.7)

R.T.: 6.135 min
Delta R.T.: 0.033 min
Response: 2606873
Conc: 20.95 ug/ml



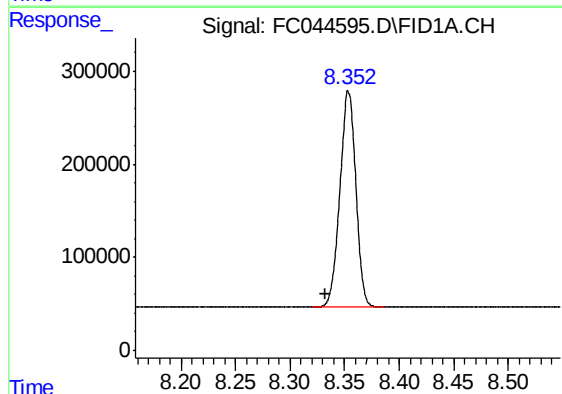
#4 n-Dodecane (C12)

R.T.: 6.557 min
Delta R.T.: 0.024 min
Response: 2389505
Conc: 21.25 ug/ml



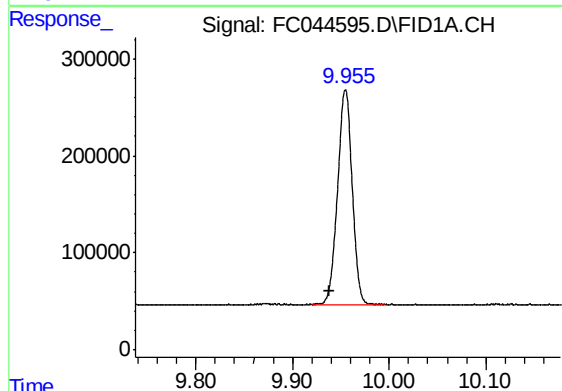
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.193 min
Delta R.T.: 0.030 min
Response: 2612383
Conc: 20.72 ug/ml



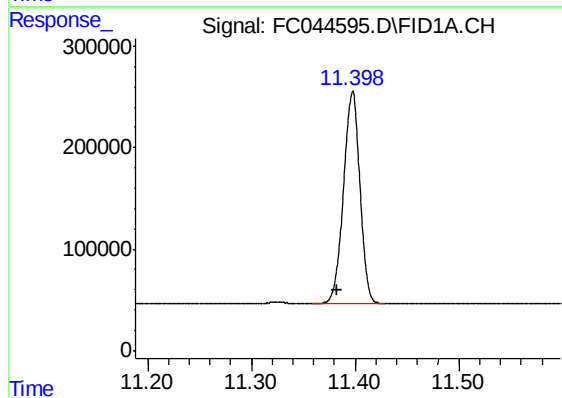
#6 n-Tetradecane (C14)

R.T.: 8.354 min
Delta R.T.: 0.021 min
Response: 2366293
Conc: 20.92 ug/ml



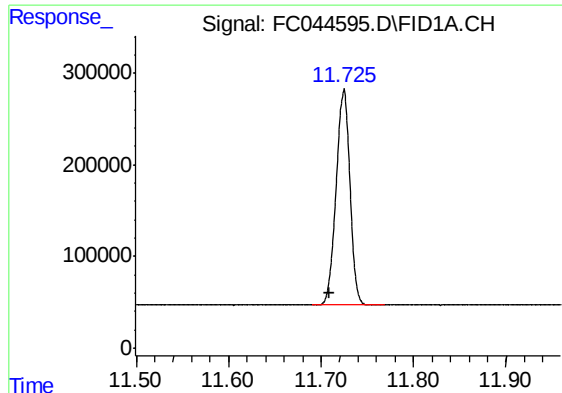
#7 n-Hexadecane (C16)

R.T.: 9.955 min
Delta R.T.: 0.017 min
Response: 2336772
Conc: 20.45 ug/ml



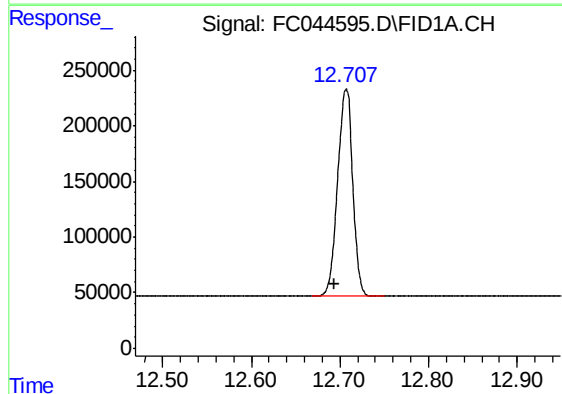
#8 n-Octadecane (C18)

R.T.: 11.398 min
Delta R.T.: 0.015 min
Response: 2284268
Conc: 19.95 ug/ml



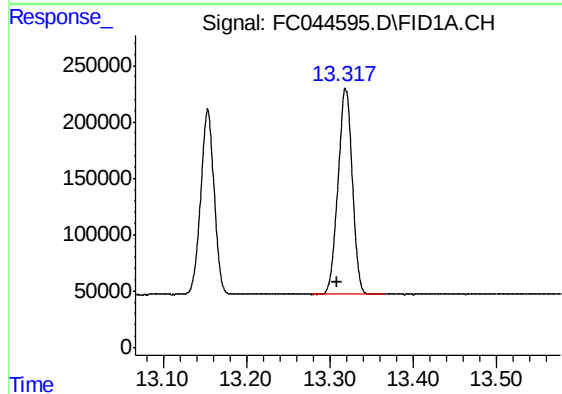
#9 ortho-Terphenyl (SURR)

R.T.: 11.725 min
Delta R.T.: 0.016 min
Response: 2449854
Conc: 16.81 ug/ml



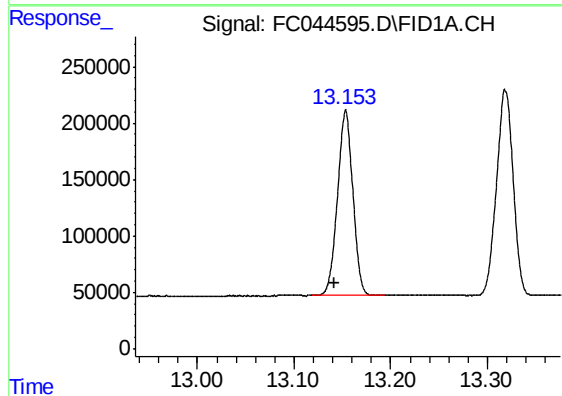
#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: 0.013 min
Response: 2207236
Conc: 19.35 ug/ml



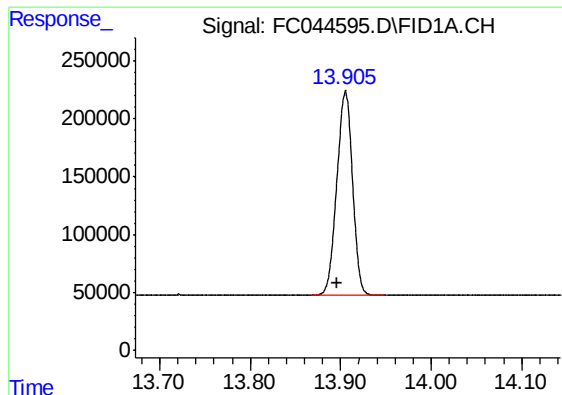
#11 n-Heneicosane (C21)

R.T.: 13.319 min
Delta R.T.: 0.011 min
Response: 2181180
Conc: 19.02 ug/ml



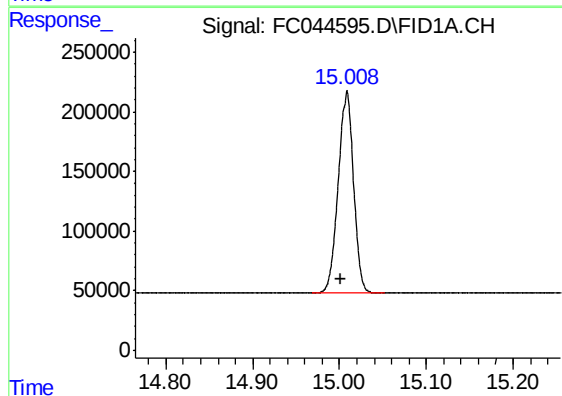
#12 1-chlorooctadecane (SURR)

R.T.: 13.153 min
Delta R.T.: 0.011 min
Response: 1828148
Conc: 16.35 ug/ml



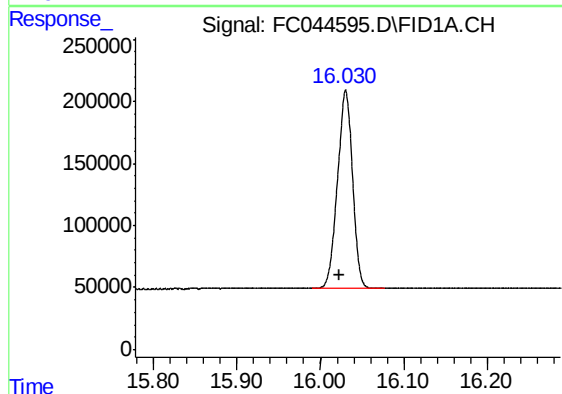
#13 n-Docosane (C22)

R.T.: 13.905 min
Delta R.T.: 0.010 min
Response: 2130143
Conc: 18.76 ug/ml



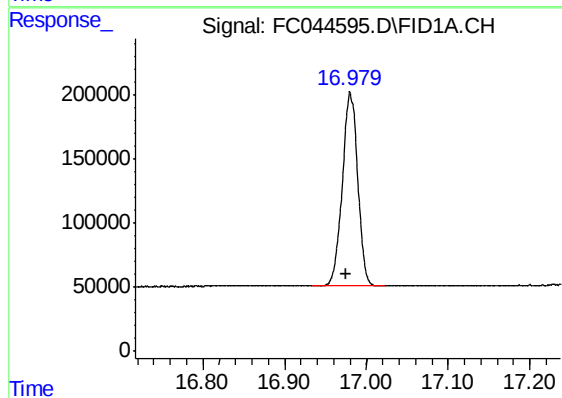
#14 n-Tetracosane (C24)

R.T.: 15.009 min
Delta R.T.: 0.008 min
Response: 2068532
Conc: 18.29 ug/ml



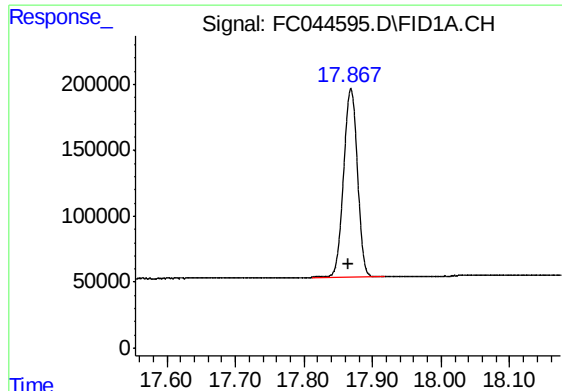
#15 n-Hexacosane (C26)

R.T.: 16.030 min
Delta R.T.: 0.007 min
Response: 1997925
Conc: 18.06 ug/ml



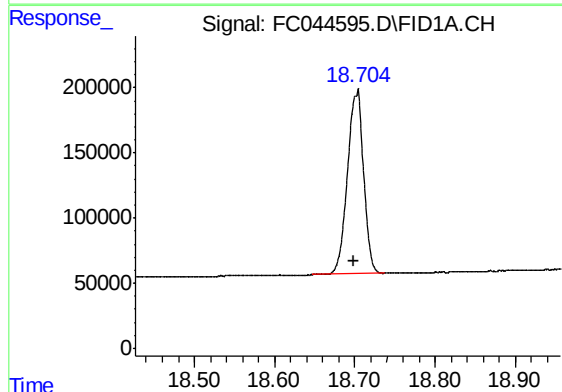
#16 n-Octacosane (C28)

R.T.: 16.980 min
Delta R.T.: 0.006 min
Response: 1972195
Conc: 18.21 ug/ml



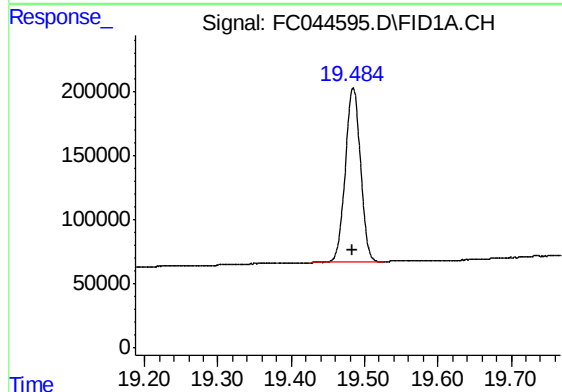
#17 n-Tricontane (C30)

R.T.: 17.868 min
Delta R.T.: 0.004 min
Response: 1995400
Conc: 18.85 ug/ml



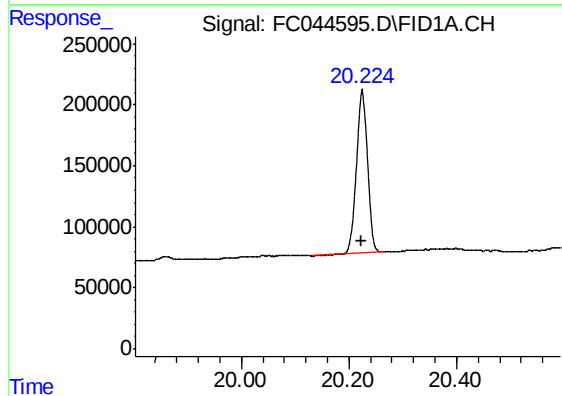
#18 n-Dotriacontane (C32)

R.T.: 18.703 min
Delta R.T.: 0.005 min
Response: 1968307
Conc: 19.54 ug/ml



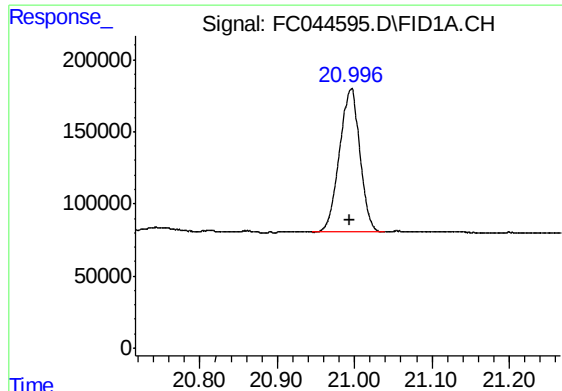
#19 n-Tetratriacontane (C34)

R.T.: 19.484 min
Delta R.T.: 0.000 min
Response: 1965067
Conc: 20.96 ug/ml



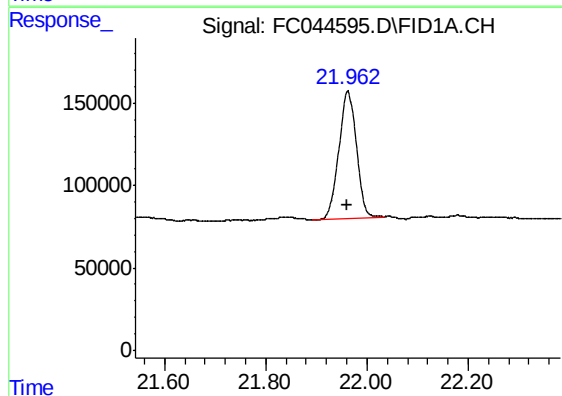
#20 n-Hexatriacontane (C36)

R.T.: 20.225 min
Delta R.T.: 0.001 min
Response: 1909718
Conc: 22.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.996 min
Delta R.T.: 0.002 min
Response: 1832291
Conc: 22.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: 0.000 min
Response: 1858944
Conc: 21.99 ug/ml