

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031621AL\
 Data File : FC052446.D
 Signal(s) : FID1A.CH
 Acq On : 16 Mar 2021 9:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 17 01:45:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 2021
 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)	11.606	2401872	18.213 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
12) S 1-chlorooctadecane (S...	13.045	1867229	17.954 ug/ml
Spiked Amount 50.000		Recovery =	35.91%
Target Compounds			
1) T n-Nonane (C9)	3.349	2349981	19.936 ug/ml
2) T n-Decane (C10)	4.419	2366409	19.925 ug/ml
3) T A~Naphthalene (C11.7)	6.009	2637866	19.867 ug/ml
4) T n-Dodecane (C12)	6.442	2415867	19.984 ug/ml
5) T A~2-methylnaphthalene...	7.069	2670199	19.672 ug/ml
6) T n-Tetradecane (C14)	8.240	2405424	19.840 ug/ml
7) T n-Hexadecane (C16)	9.844	2334062	19.507 ug/ml
8) T n-Octadecane (C18)	11.288	2351396	18.996 ug/ml
10) T n-Eicosane (C20)	12.599	2265712	18.388 ug/ml
11) T n-Heneicosane (C21)	13.210	2203454	18.050 ug/ml
13) T n-Docosane (C22)	13.798	2144576	17.824 ug/ml
14) T n-Tetracosane (C24)	14.901	2044824	17.539 ug/ml
15) T n-Hexacosane (C26)	15.923	1930466	17.573 ug/ml
16) T n-Octacosane (C28)	16.873	1877326	18.315 ug/ml
17) T n-Tricontane (C30)	17.761	1832307	19.464 ug/ml
18) T n-Dotriacontane (C32)	18.593	1777084	20.813 ug/ml
19) T n-Tetratriacontane (C34)	19.378	1734058	22.367 ug/ml
20) T n-Hexatriacontane (C36)	20.118	1605514	22.343 ug/ml
21) T n-Octatriacontane (C38)	20.857	1630827	23.807 ug/ml
22) T n-Tetracontane (C40)	21.779	1702692	23.678 ug/ml

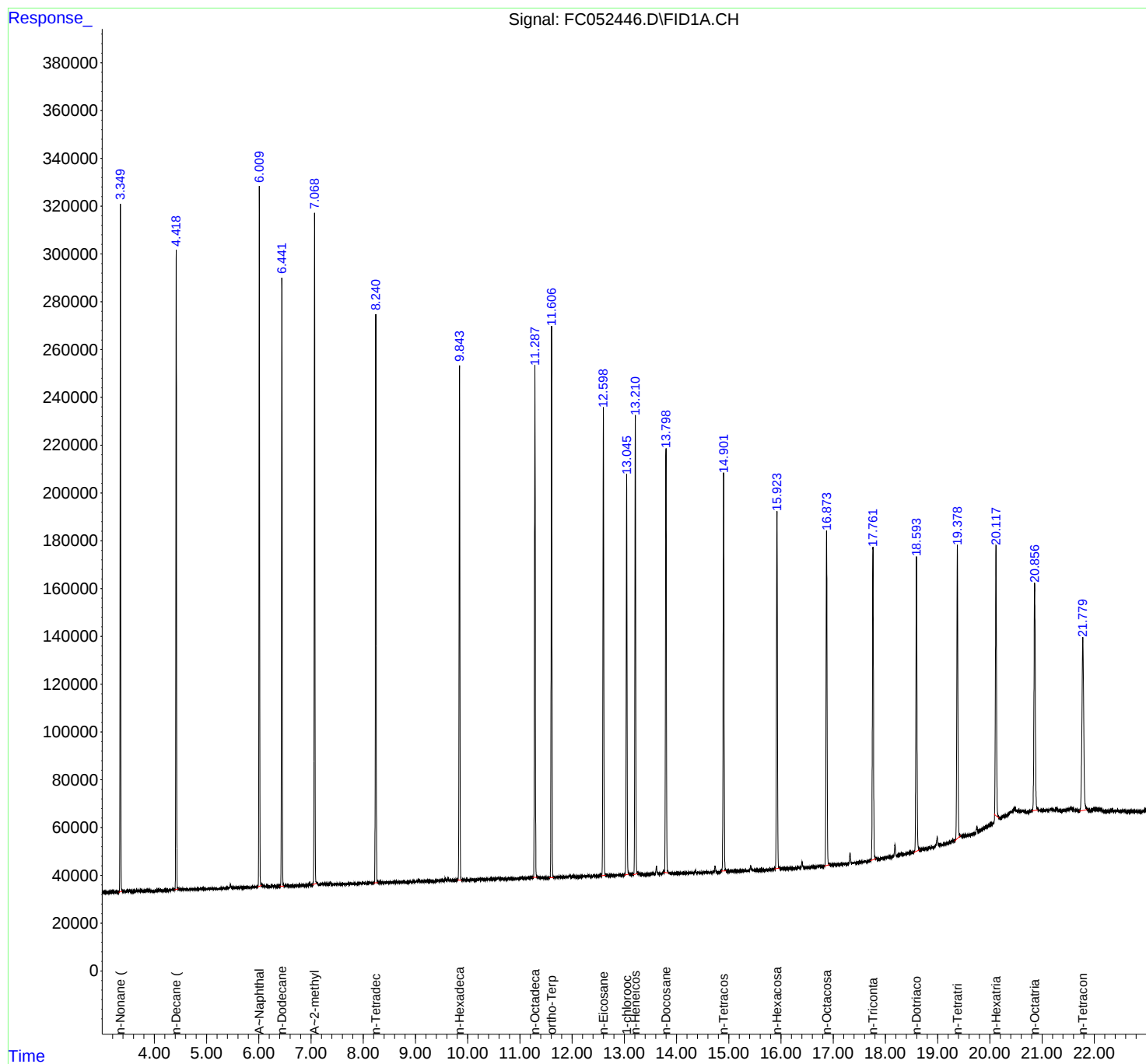
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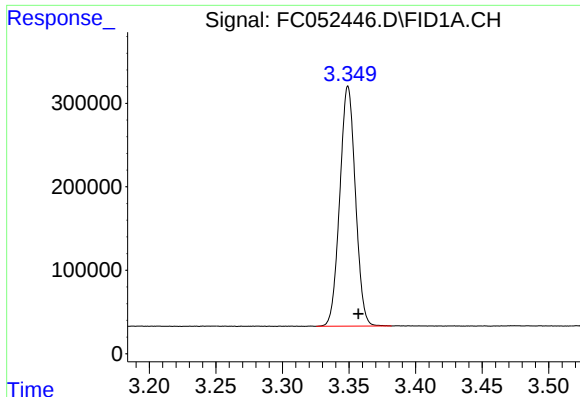
(m)=manual int.

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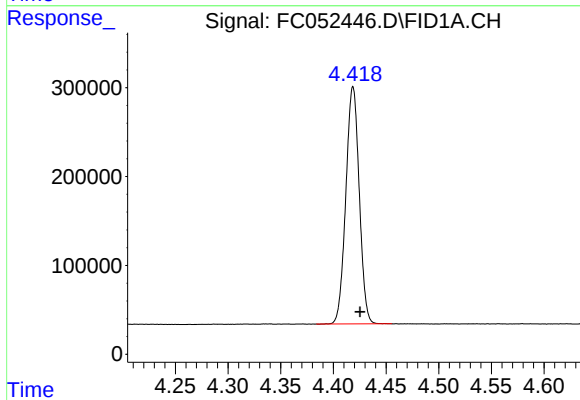
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





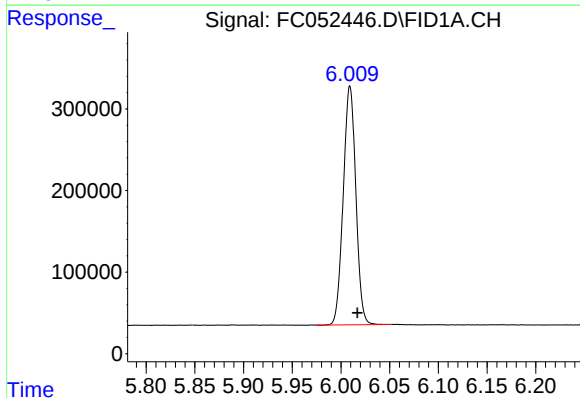
#1 n-Nonane (C9)

R.T.: 3.349 min
Delta R.T.: -0.008 min
Response: 2349981
Conc: 19.94 ug/ml



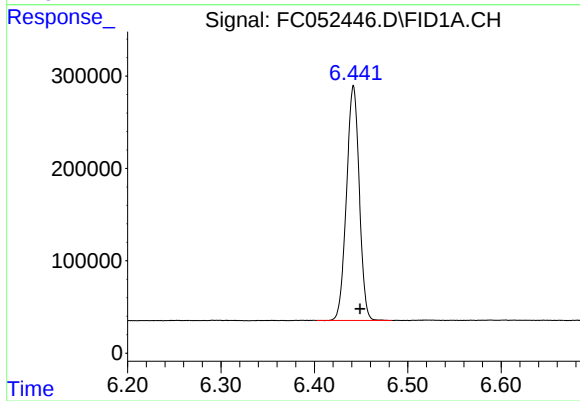
#2 n-Decane (C10)

R.T.: 4.419 min
Delta R.T.: -0.007 min
Response: 2366409
Conc: 19.93 ug/ml



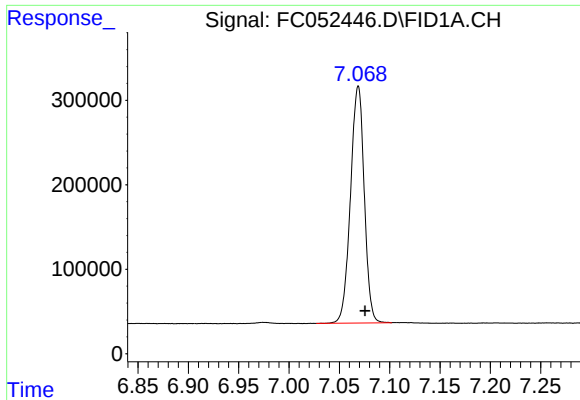
#3 A~Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: -0.007 min
Response: 2637866
Conc: 19.87 ug/ml



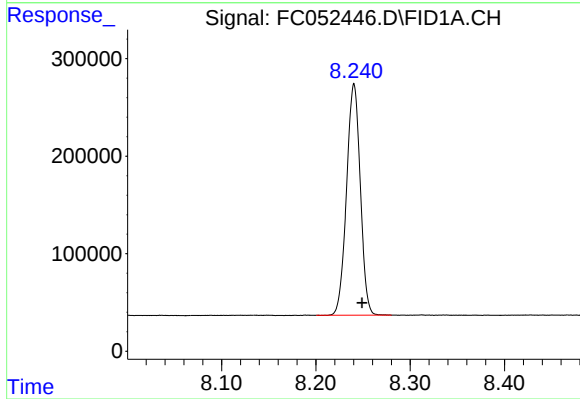
#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: -0.007 min
Response: 2415867
Conc: 19.98 ug/ml



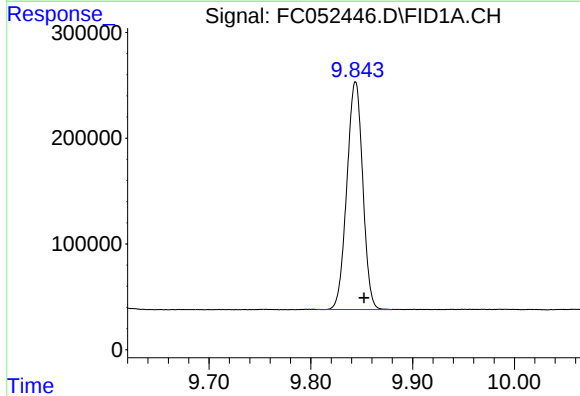
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.069 min
Delta R.T.: -0.007 min
Response: 2670199
Conc: 19.67 ug/ml



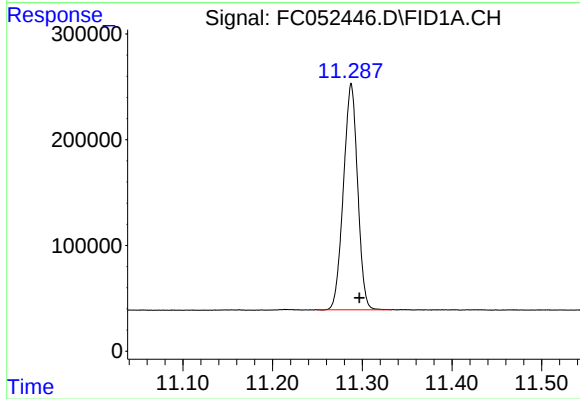
#6 n-Tetradecane (C14)

R.T.: 8.240 min
Delta R.T.: -0.008 min
Response: 2405424
Conc: 19.84 ug/ml



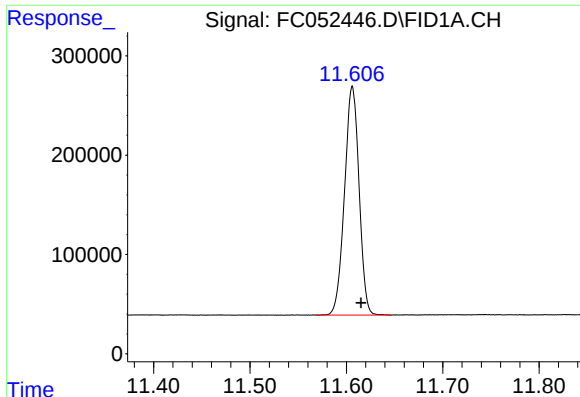
#7 n-Hexadecane (C16)

R.T.: 9.844 min
Delta R.T.: -0.008 min
Response: 2334062
Conc: 19.51 ug/ml



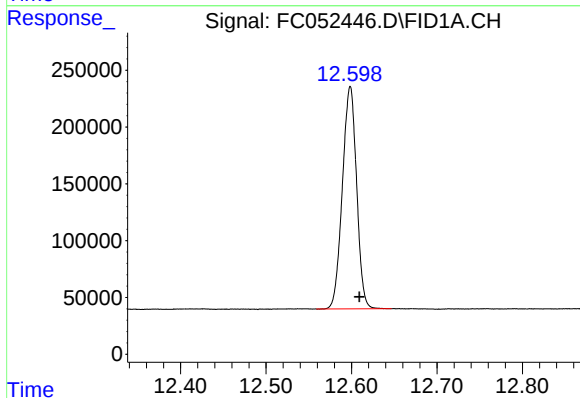
#8 n-Octadecane (C18)

R.T.: 11.288 min
Delta R.T.: -0.009 min
Response: 2351396
Conc: 19.00 ug/ml



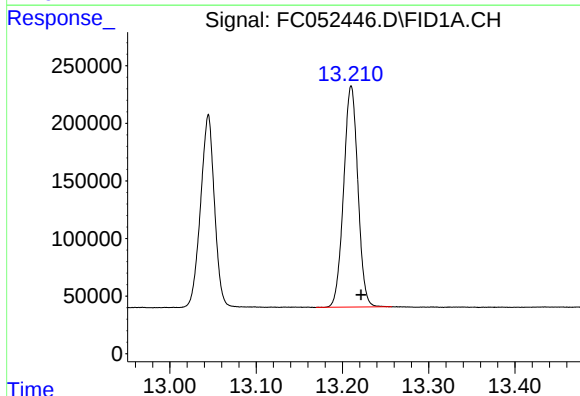
#9 ortho-Terphenyl (SURR)

R.T.: 11.606 min
Delta R.T.: -0.009 min
Response: 2401872
Conc: 18.21 ug/ml



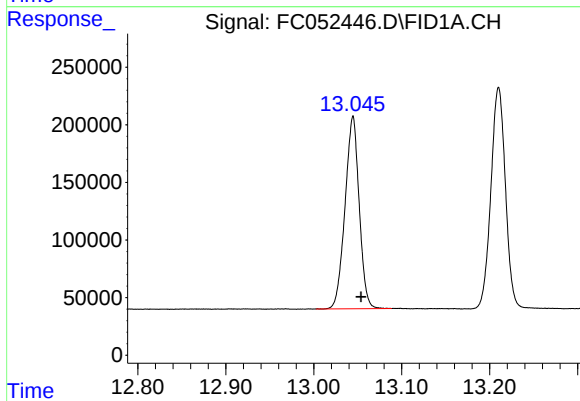
#10 n-Eicosane (C20)

R.T.: 12.599 min
Delta R.T.: -0.011 min
Response: 2265712
Conc: 18.39 ug/ml



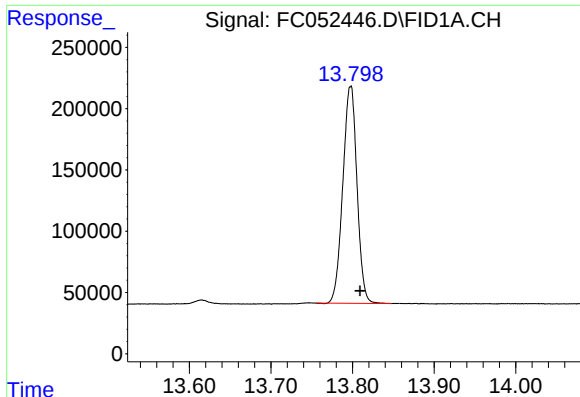
#11 n-Heneicosane (C21)

R.T.: 13.210 min
Delta R.T.: -0.011 min
Response: 2203454
Conc: 18.05 ug/ml



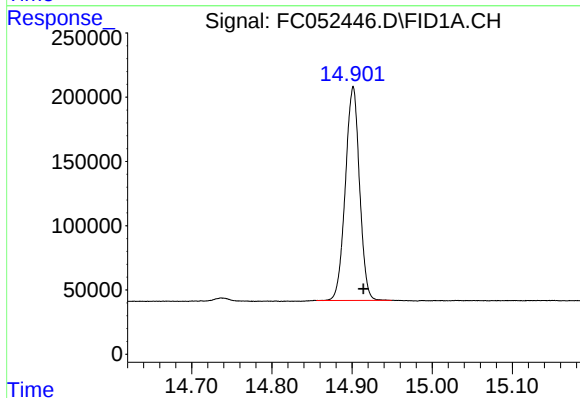
#12 1-chlorooctadecane (SURR)

R.T.: 13.045 min
Delta R.T.: -0.009 min
Response: 1867229
Conc: 17.95 ug/ml



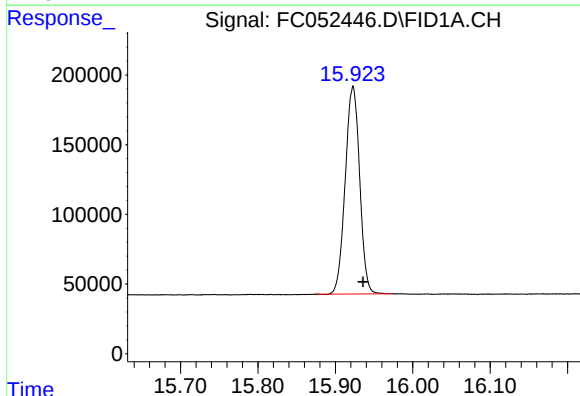
#13 n-Docosane (C22)

R.T.: 13.798 min
Delta R.T.: -0.012 min
Response: 2144576
Conc: 17.82 ug/ml



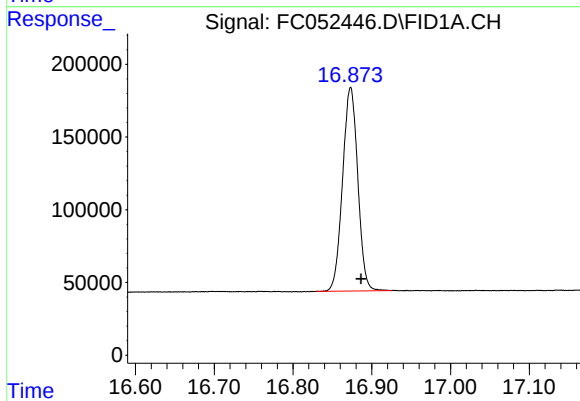
#14 n-Tetracosane (C24)

R.T.: 14.901 min
Delta R.T.: -0.013 min
Response: 2044824
Conc: 17.54 ug/ml



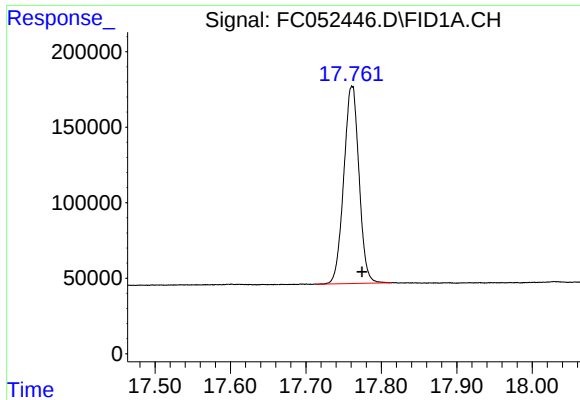
#15 n-Hexacosane (C26)

R.T.: 15.923 min
Delta R.T.: -0.013 min
Response: 1930466
Conc: 17.57 ug/ml



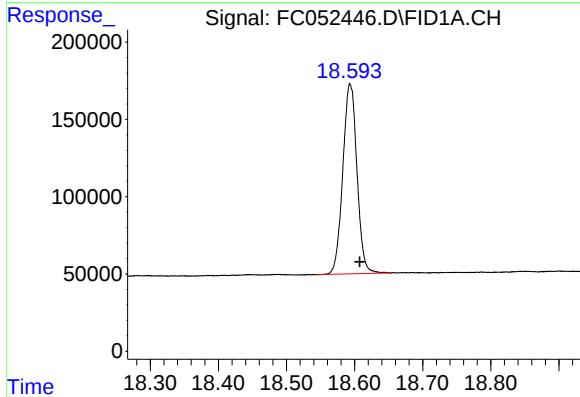
#16 n-Octacosane (C28)

R.T.: 16.873 min
Delta R.T.: -0.013 min
Response: 1877326
Conc: 18.32 ug/ml



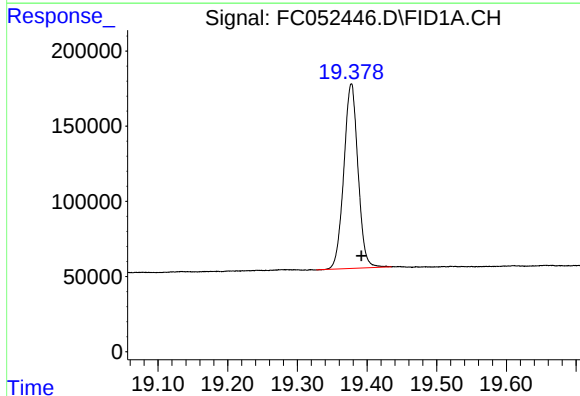
#17 n-Tricontane (C30)

R.T.: 17.761 min
Delta R.T.: -0.014 min
Response: 1832307
Conc: 19.46 ug/ml



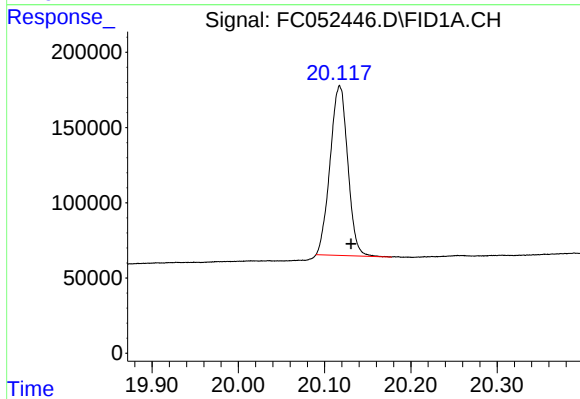
#18 n-Dotriacontane (C32)

R.T.: 18.593 min
Delta R.T.: -0.014 min
Response: 1777084
Conc: 20.81 ug/ml



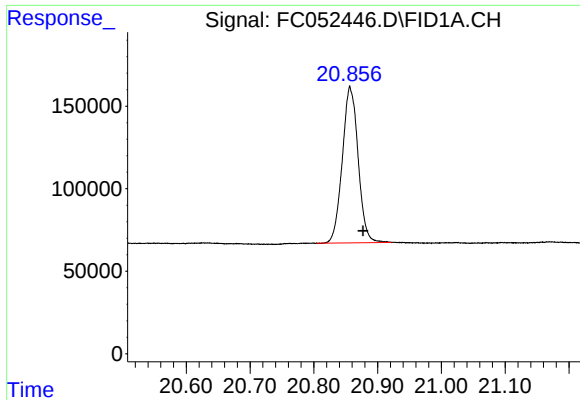
#19 n-Tetratriacontane (C34)

R.T.: 19.378 min
Delta R.T.: -0.015 min
Response: 1734058
Conc: 22.37 ug/ml



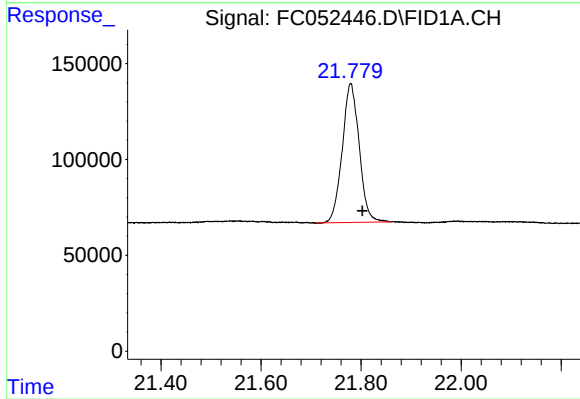
#20 n-Hexatriacontane (C36)

R.T.: 20.118 min
Delta R.T.: -0.013 min
Response: 1605514
Conc: 22.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.857 min
Delta R.T.: -0.021 min
Response: 1630827
Conc: 23.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.779 min
Delta R.T.: -0.023 min
Response: 1702692
Conc: 23.68 ug/ml