

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112720AL\
 Data File : FC050991.D
 Signal(s) : FID1A.CH
 Acq On : 27 Nov 2020 20:53
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Integration File: autoint1.e

Quant Time: Nov 27 23:24:36 2020

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M

Quant Title : GC Extractables

Qlast Update : Fri Nov 27 23:22:01 2020

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)	11.598	1264967	9.984 ug/ml
Spiked Amount 50.000		Recovery =	19.97%
12) S 1-chlorooctadecane (S...	13.032	997186	9.857 ug/ml
Spiked Amount 50.000		Recovery =	19.71%
Target Compounds			
1) T n-Nonane (C9)	3.352	1087068	9.933 ug/ml
2) T n-Decane (C10)	4.421	1081342	9.889 ug/ml
3) T A~Naphthalene (C11.7)	6.014	1099284	9.460 ug/ml
4) T n-Dodecane (C12)	6.440	1107025	9.837 ug/ml
5) T A~2-methylnaphthalene...	7.072	1101726	9.404 ug/ml
6) T n-Tetradecane (C14)	8.235	1099379	9.844 ug/ml
7) T n-Hexadecane (C16)	9.837	1096569	9.866 ug/ml
8) T n-Octadecane (C18)	11.277	1169116	9.905 ug/ml
10) T n-Eicosane (C20)	12.586	1194706	9.941 ug/ml
11) T n-Heneicosane (C21)	13.199	1190590	9.903 ug/ml
13) T n-Docosane (C22)	13.784	1190961	9.917 ug/ml
14) T n-Tetracosane (C24)	14.886	1179554	9.870 ug/ml
15) T n-Hexacosane (C26)	15.906	1155148	9.858 ug/ml
16) T n-Octacosane (C28)	16.855	1140967	9.938 ug/ml
17) T n-Tricontane (C30)	17.741	1098169	10.023 ug/ml
18) T n-Dotriacontane (C32)	18.572	1008929	10.125 ug/ml
19) T n-Tetratriacontane (C34)	19.353	914591	10.014 ug/ml
20) T n-Hexatriacontane (C36)	20.093	859182	10.325 ug/ml
21) T n-Octatriacontane (C38)	20.831	794306	9.925 ug/ml
22) T n-Tetracontane (C40)	21.752	831926	10.356 ug/ml

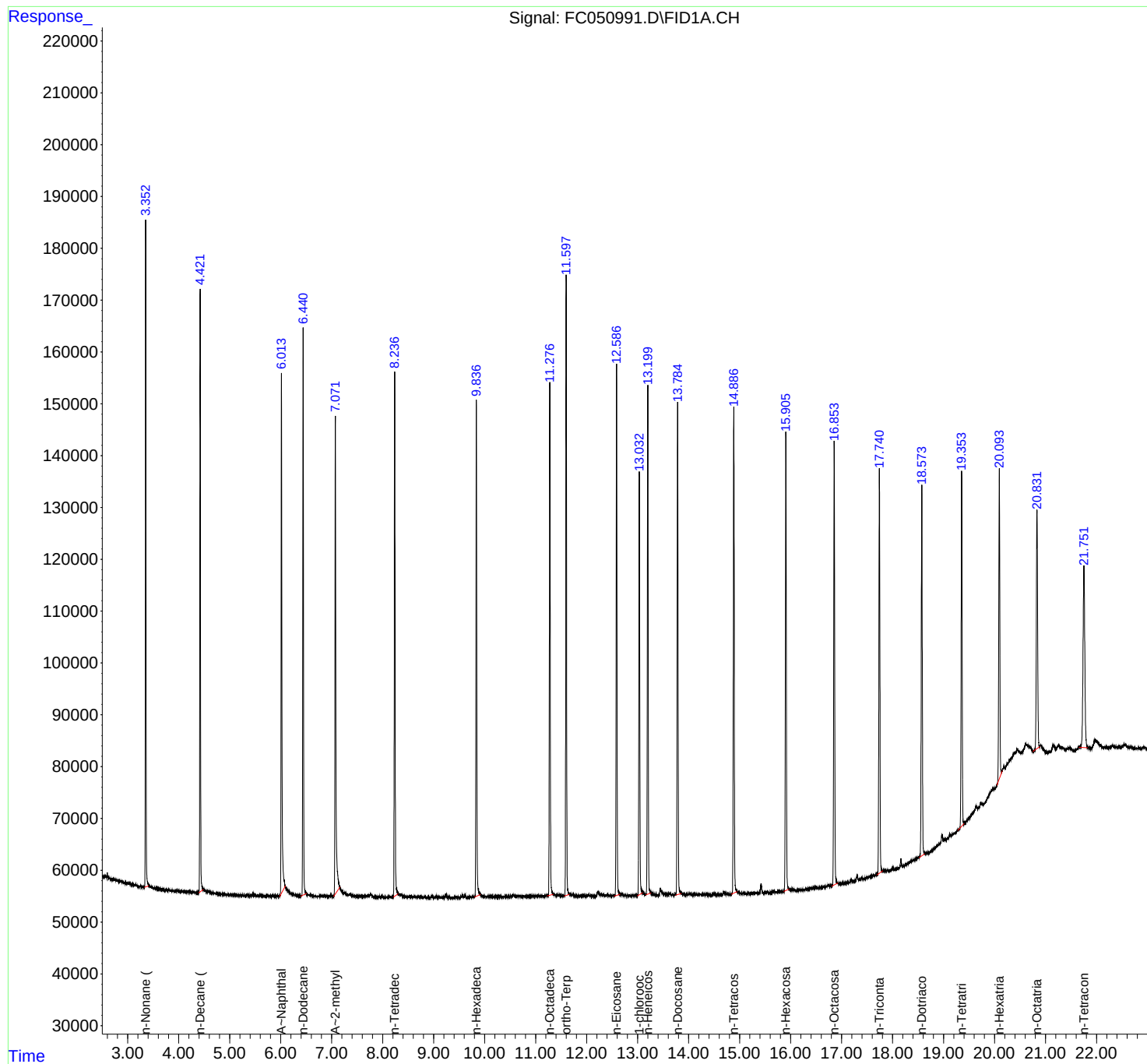
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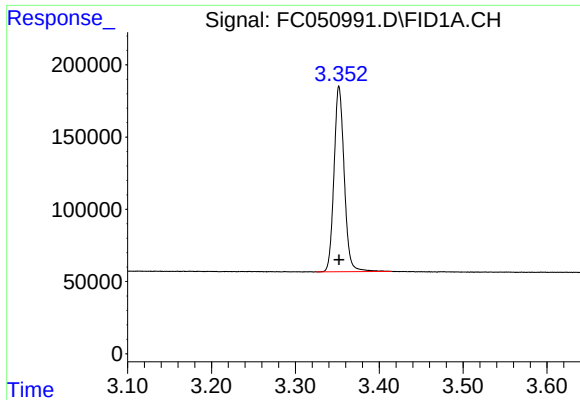
(m)=manual int.

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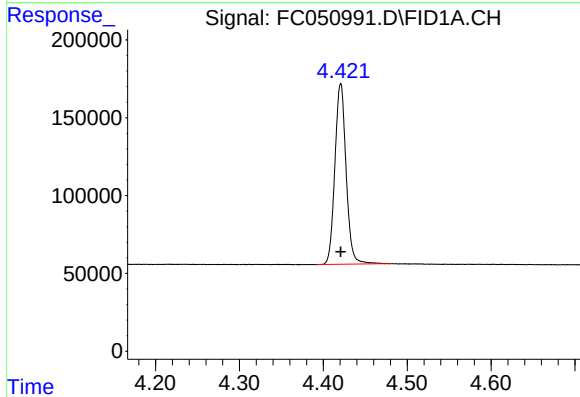
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





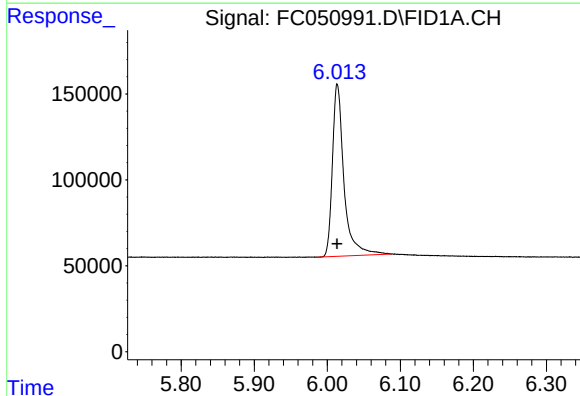
#1 n-Nonane (C9)

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 1087068
Conc: 9.93 ug/ml



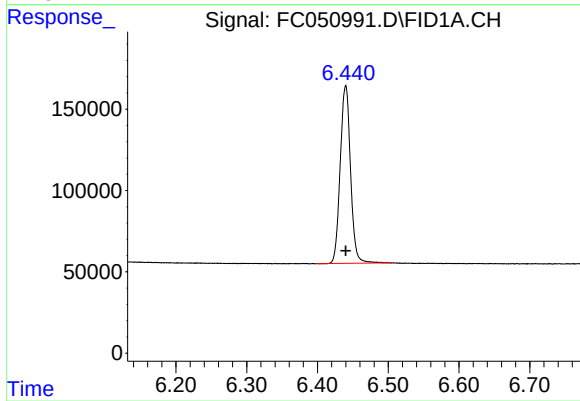
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 1081342
Conc: 9.89 ug/ml



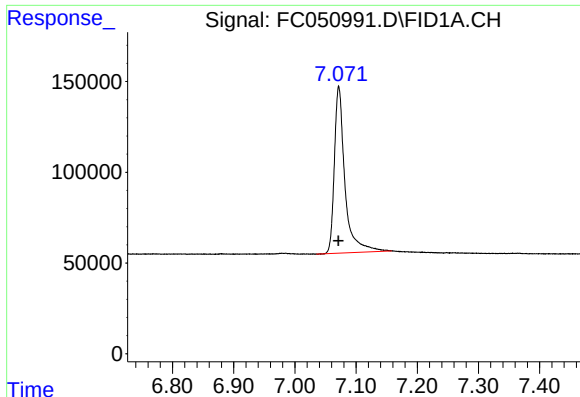
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 1099284
Conc: 9.46 ug/ml



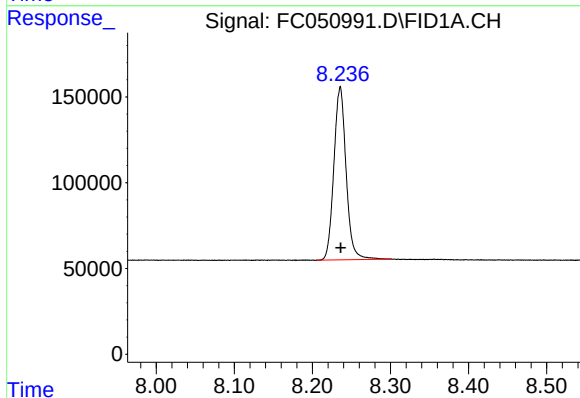
#4 n-Dodecane (C12)

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 1107025
Conc: 9.84 ug/ml



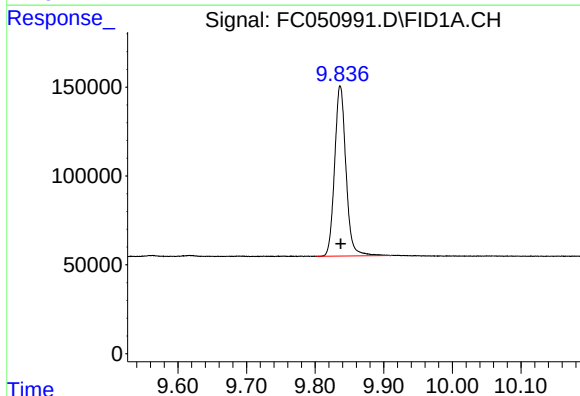
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 1101726
Conc: 9.40 ug/ml



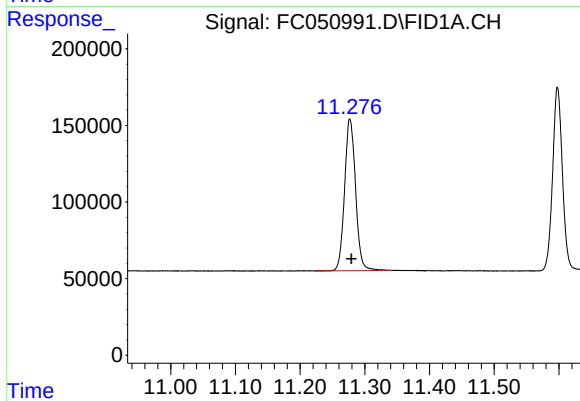
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: 0.000 min
Response: 1099379
Conc: 9.84 ug/ml



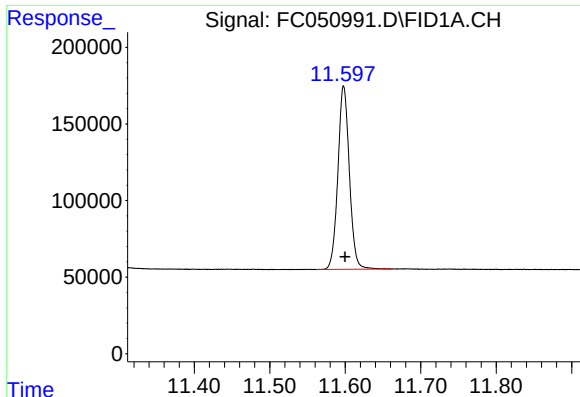
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: 0.000 min
Response: 1096569
Conc: 9.87 ug/ml



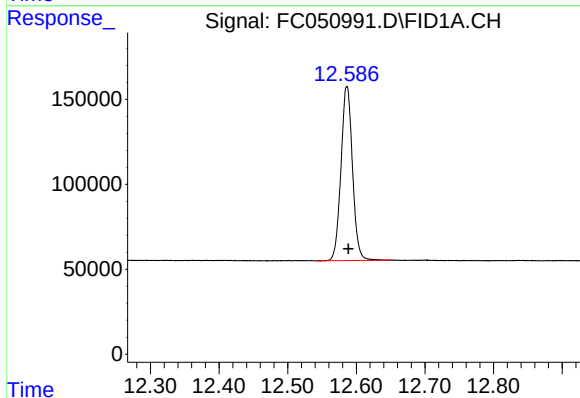
#8 n-Octadecane (C18)

R.T.: 11.277 min
Delta R.T.: -0.002 min
Response: 1169116
Conc: 9.90 ug/ml



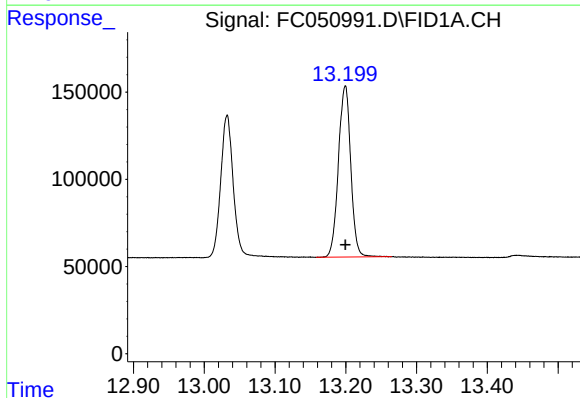
#9 ortho-Terphenyl (SURR)

R.T.: 11.598 min
Delta R.T.: -0.002 min
Response: 1264967
Conc: 9.98 ug/ml



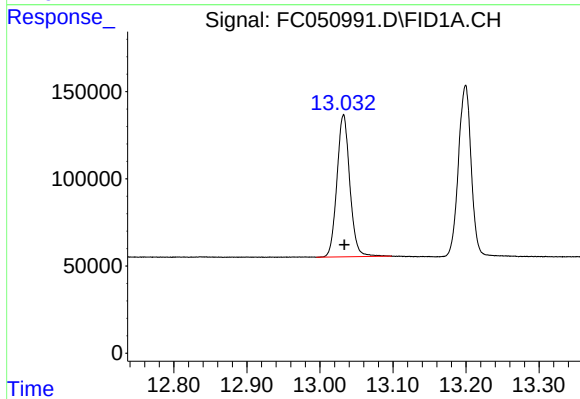
#10 n-Eicosane (C20)

R.T.: 12.586 min
Delta R.T.: -0.002 min
Response: 1194706
Conc: 9.94 ug/ml



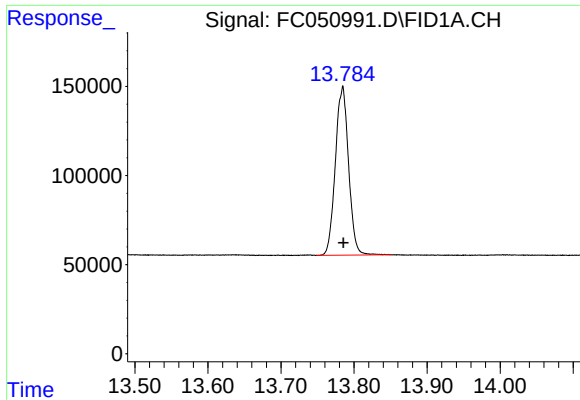
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: 0.000 min
Response: 1190590
Conc: 9.90 ug/ml



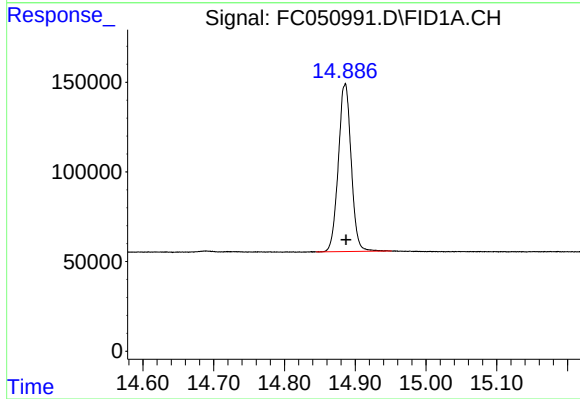
#12 1-chlorooctadecane (SURR)

R.T.: 13.032 min
Delta R.T.: -0.001 min
Response: 997186
Conc: 9.86 ug/ml



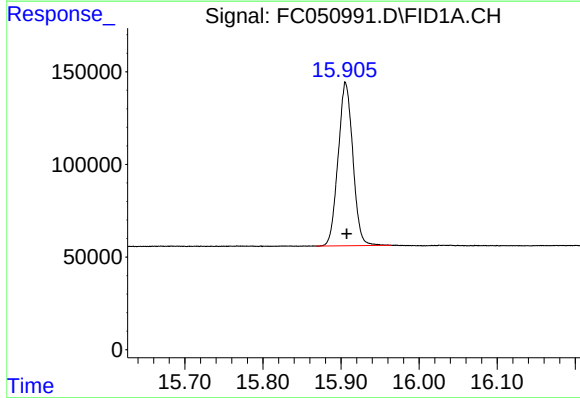
#13 n-Docosane (C22)

R.T.: 13.784 min
Delta R.T.: -0.001 min
Response: 1190961
Conc: 9.92 ug/ml



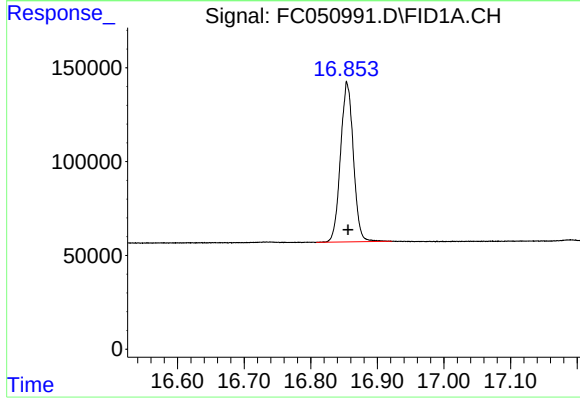
#14 n-Tetracosane (C24)

R.T.: 14.886 min
Delta R.T.: -0.002 min
Response: 1179554
Conc: 9.87 ug/ml



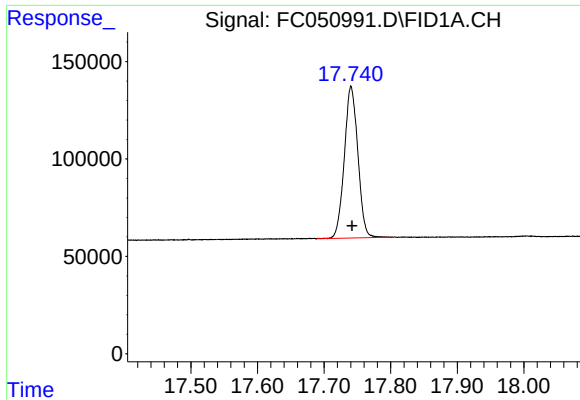
#15 n-Hexacosane (C26)

R.T.: 15.906 min
Delta R.T.: -0.001 min
Response: 1155148
Conc: 9.86 ug/ml



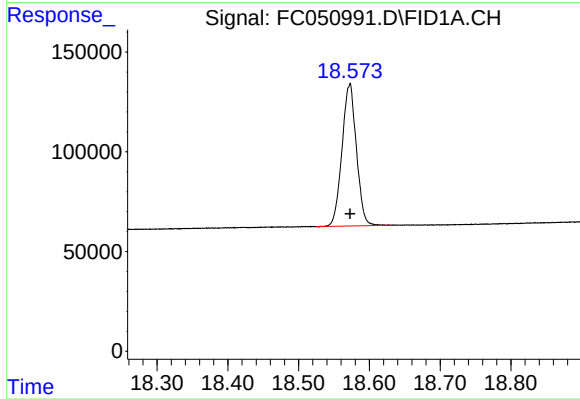
#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: -0.001 min
Response: 1140967
Conc: 9.94 ug/ml



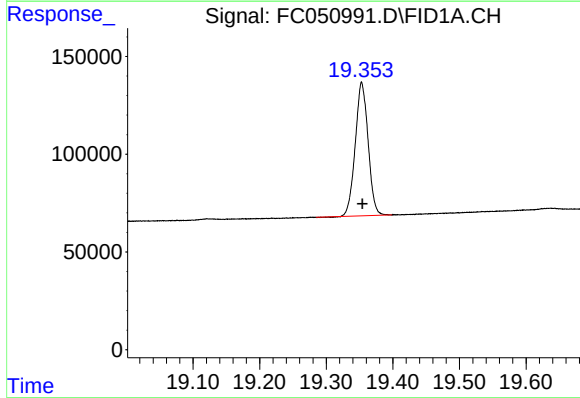
#17 n-Tricontane (C30)

R.T.: 17.741 min
Delta R.T.: -0.001 min
Response: 1098169
Conc: 10.02 ug/ml



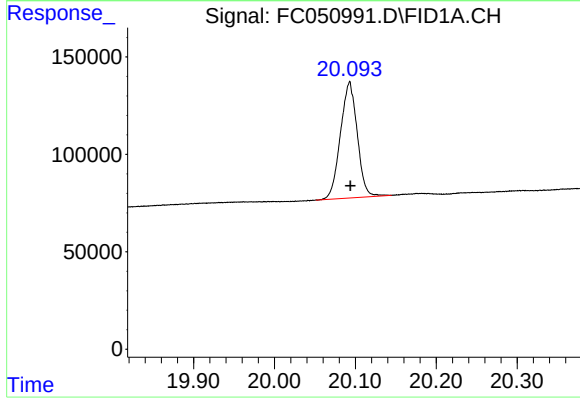
#18 n-Dotriacontane (C32)

R.T.: 18.572 min
Delta R.T.: 0.000 min
Response: 1008929
Conc: 10.12 ug/ml



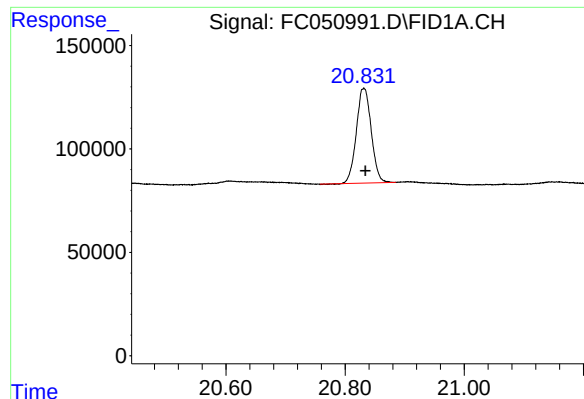
#19 n-Tetratriacontane (C34)

R.T.: 19.353 min
Delta R.T.: 0.000 min
Response: 914591
Conc: 10.01 ug/ml



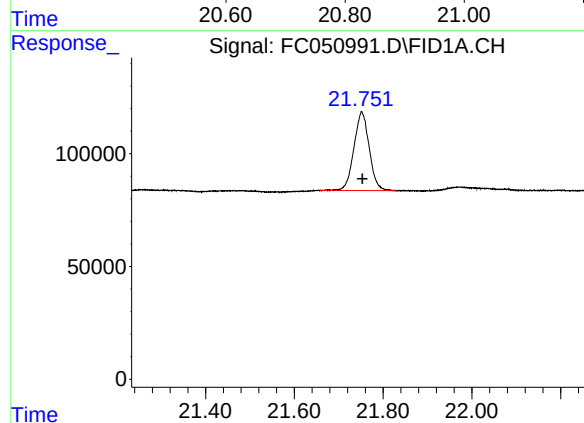
#20 n-Hexatriacontane (C36)

R.T.: 20.093 min
Delta R.T.: -0.001 min
Response: 859182
Conc: 10.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.831 min
Delta R.T.: -0.003 min
Response: 794306
Conc: 9.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.752 min
Delta R.T.: -0.001 min
Response: 831926
Conc: 10.36 ug/ml