

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020921AL\
 Data File : FC051950.D
 Signal(s) : FID1A.CH
 Acq On : 10 Feb 2021 1:09
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 10 03:51:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011921.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 20 00:48:48 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)	11.692	2492496	19.538 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
12) S 1-chlorooctadecane (S...	13.123	1985217	19.273 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.445	2315767	21.125 ug/ml
2) T n-Decane (C10)	4.516	2341343	21.185 ug/ml
3) T A~Naphthalene (C11.7)	6.108	2632557	21.113 ug/ml
4) T n-Dodecane (C12)	6.534	2393177	21.247 ug/ml
5) T A~2-methylnaphthalene...	7.165	2688777	21.035 ug/ml
6) T n-Tetradecane (C14)	8.329	2409575	21.156 ug/ml
7) T n-Hexadecane (C16)	9.928	2369649	20.860 ug/ml
8) T n-Octadecane (C18)	11.369	2427284	20.362 ug/ml
10) T n-Eicosane (C20)	12.679	2388250	19.743 ug/ml
11) T n-Heneicosane (C21)	13.290	2352779	19.367 ug/ml
13) T n-Docosane (C22)	13.875	2314886	19.035 ug/ml
14) T n-Tetracosane (C24)	14.977	2221339	18.227 ug/ml
15) T n-Hexacosane (C26)	15.998	2107628	17.608 ug/ml
16) T n-Octacosane (C28)	16.947	2022687	17.288 ug/ml
17) T n-Tricontane (C30)	17.834	1983003	17.661 ug/ml
18) T n-Dotriacontane (C32)	18.665	1949201	18.838 ug/ml
19) T n-Tetratriacontane (C34)	19.449	1904509	20.123 ug/ml
20) T n-Hexatriacontane (C36)	20.187	1858798	21.346 ug/ml
21) T n-Octatriacontane (C38)	20.942	1779172	21.678 ug/ml
22) T n-Tetracontane (C40)	21.890	1904613	22.293 ug/ml

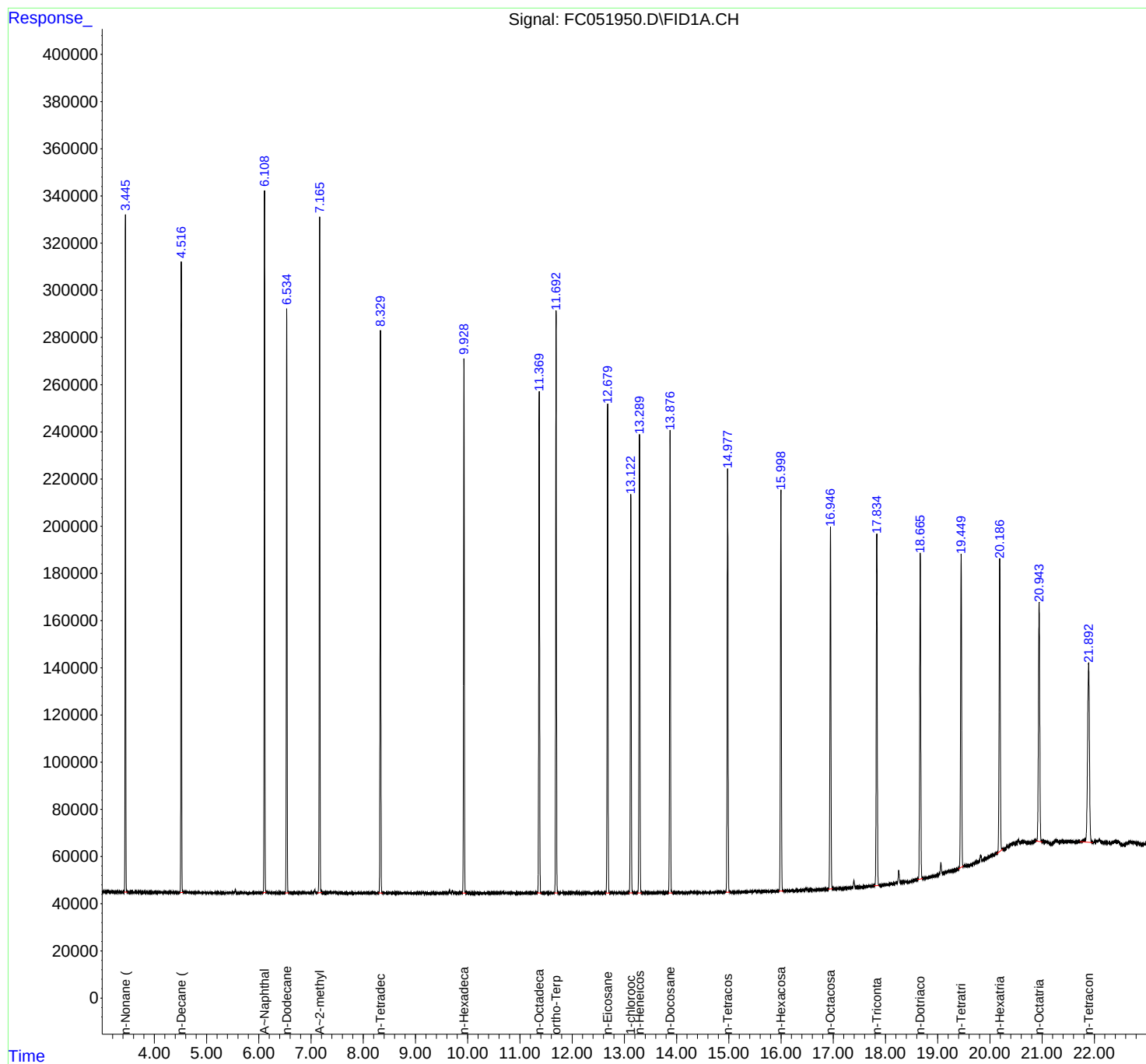
(f)=RT Delta > 1/2 Window

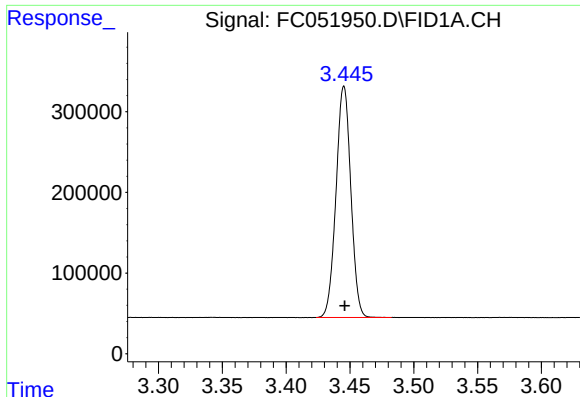
(m)=manual int.

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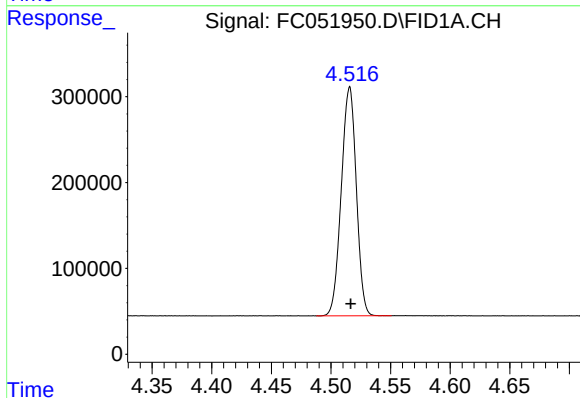
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





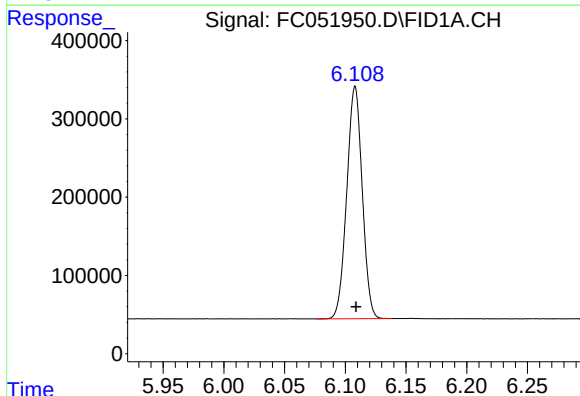
#1 n-Nonane (C9)

R.T.: 3.445 min
Delta R.T.: 0.000 min
Response: 2315767
Conc: 21.13 ug/ml



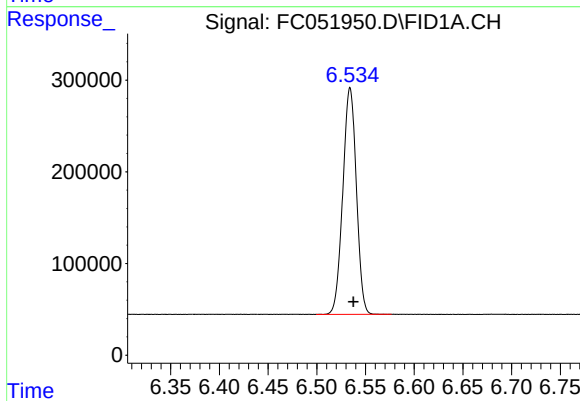
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 2341343
Conc: 21.18 ug/ml



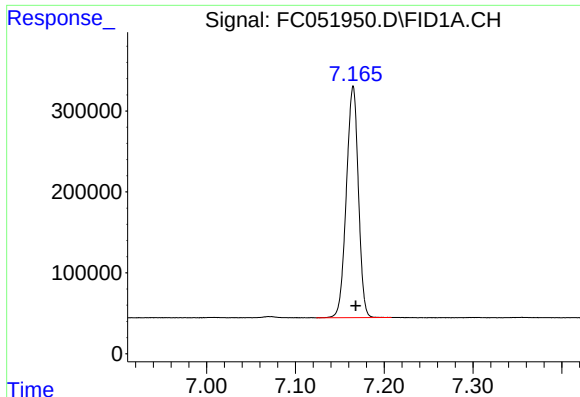
#3 A~Naphthalene (C11.7)

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 2632557
Conc: 21.11 ug/ml



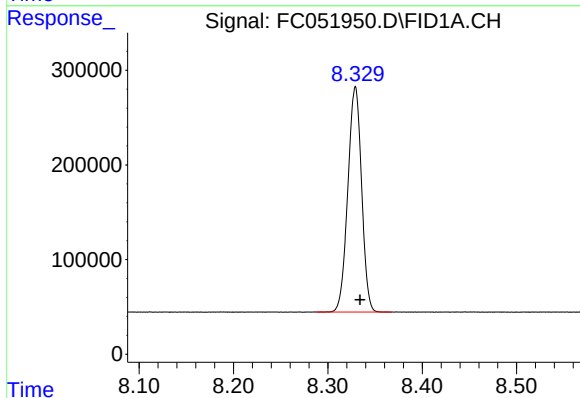
#4 n-Dodecane (C12)

R.T.: 6.534 min
Delta R.T.: -0.003 min
Response: 2393177
Conc: 21.25 ug/ml



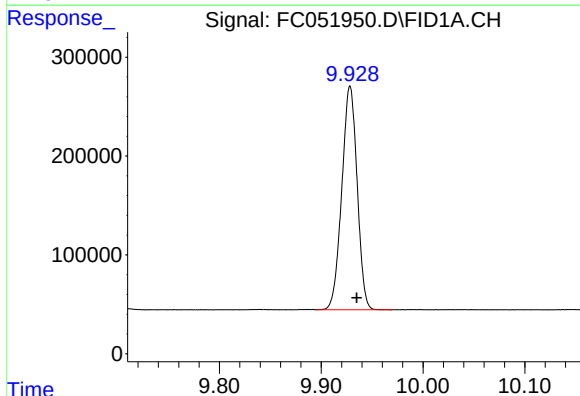
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.165 min
Delta R.T.: -0.003 min
Response: 2688777
Conc: 21.04 ug/ml



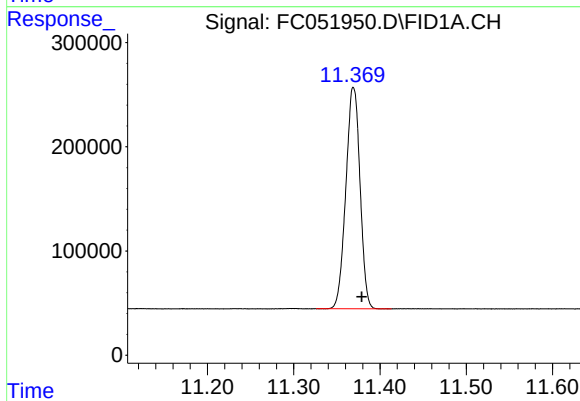
#6 n-Tetradecane (C14)

R.T.: 8.329 min
Delta R.T.: -0.005 min
Response: 2409575
Conc: 21.16 ug/ml



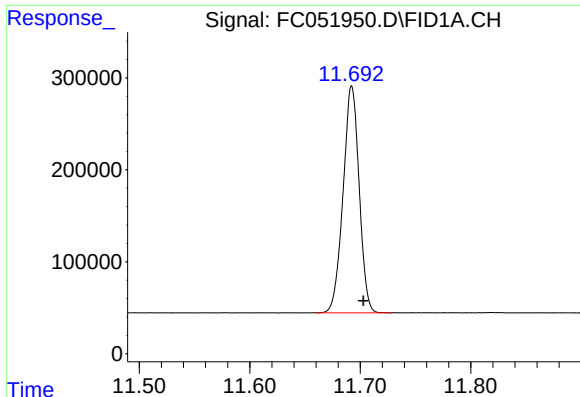
#7 n-Hexadecane (C16)

R.T.: 9.928 min
Delta R.T.: -0.007 min
Response: 2369649
Conc: 20.86 ug/ml



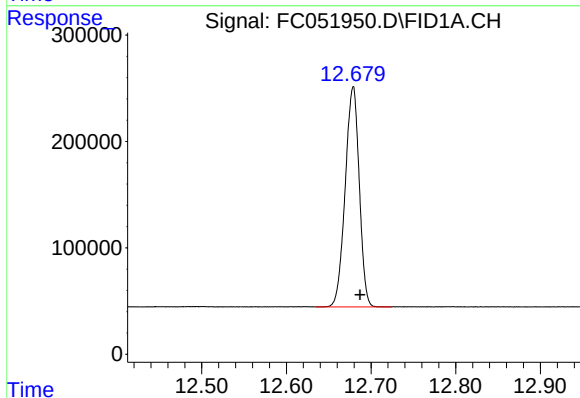
#8 n-Octadecane (C18)

R.T.: 11.369 min
Delta R.T.: -0.010 min
Response: 2427284
Conc: 20.36 ug/ml



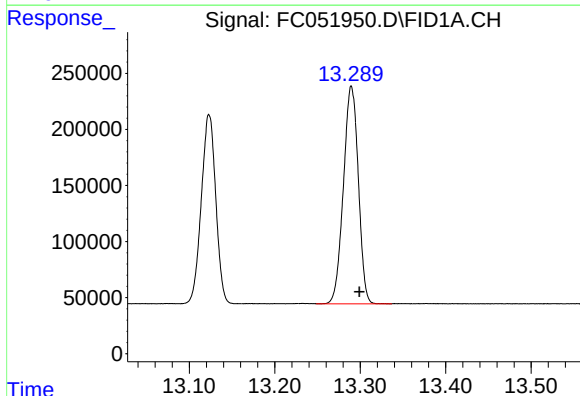
#9 ortho-Terphenyl (SURR)

R.T.: 11.692 min
Delta R.T.: -0.011 min
Response: 2492496
Conc: 19.54 ug/ml



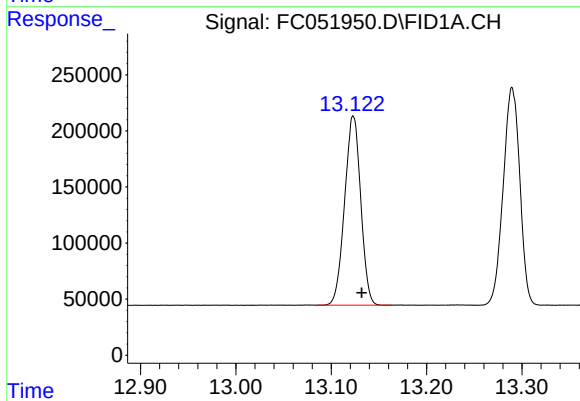
#10 n-Eicosane (C20)

R.T.: 12.679 min
Delta R.T.: -0.008 min
Response: 2388250
Conc: 19.74 ug/ml



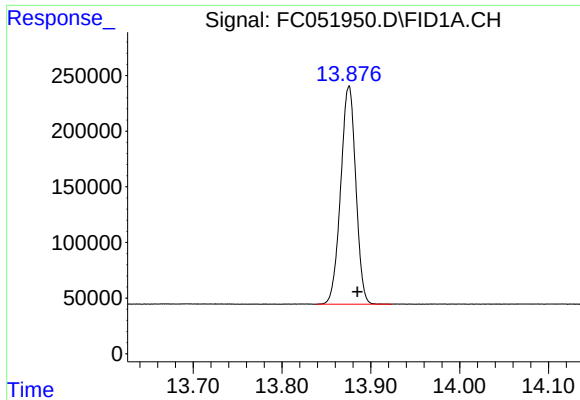
#11 n-Heneicosane (C21)

R.T.: 13.290 min
Delta R.T.: -0.010 min
Response: 2352779
Conc: 19.37 ug/ml



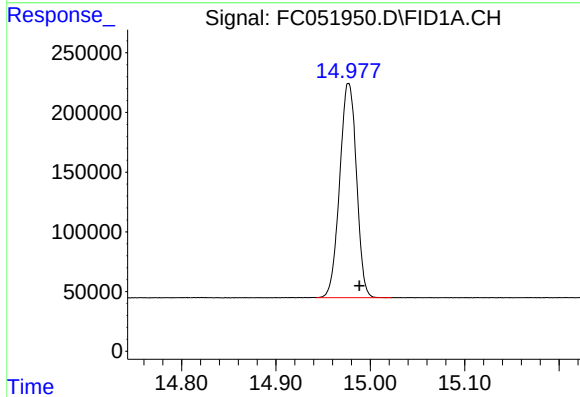
#12 1-chlorooctadecane (SURR)

R.T.: 13.123 min
Delta R.T.: -0.009 min
Response: 1985217
Conc: 19.27 ug/ml



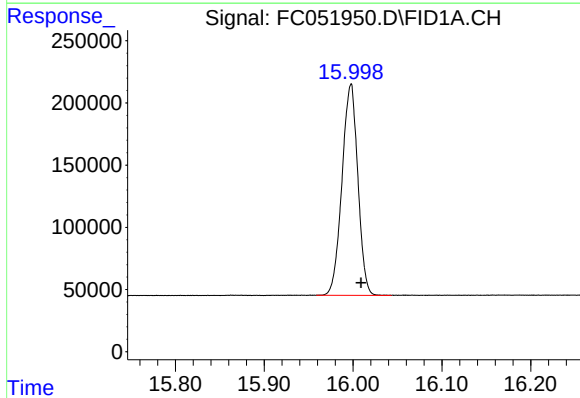
#13 n-Docosane (C22)

R.T.: 13.875 min
Delta R.T.: -0.009 min
Response: 2314886
Conc: 19.03 ug/ml



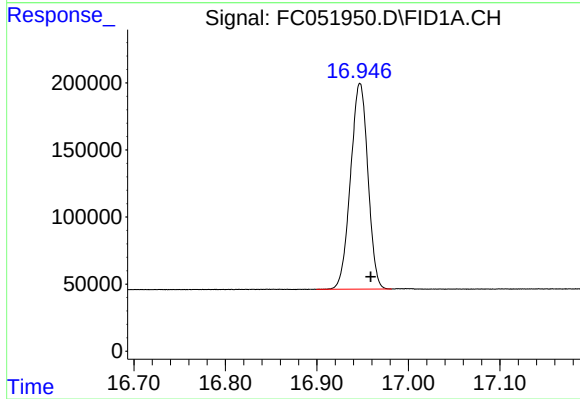
#14 n-Tetracosane (C24)

R.T.: 14.977 min
Delta R.T.: -0.012 min
Response: 2221339
Conc: 18.23 ug/ml



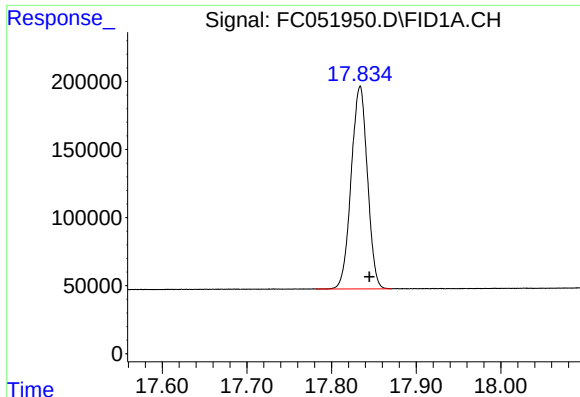
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: -0.011 min
Response: 2107628
Conc: 17.61 ug/ml



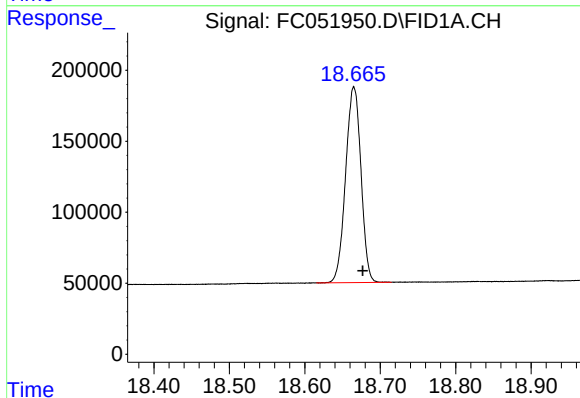
#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: -0.012 min
Response: 2022687
Conc: 17.29 ug/ml



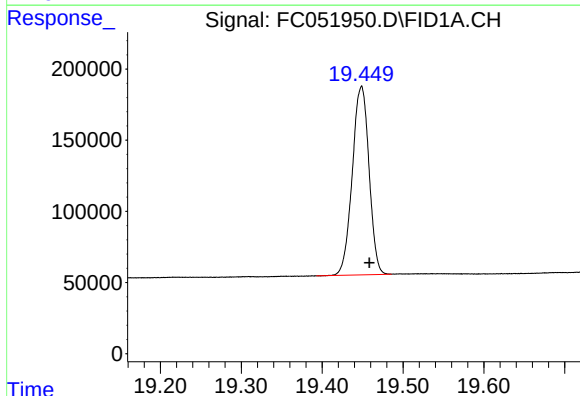
#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: -0.011 min
Response: 1983003
Conc: 17.66 ug/ml



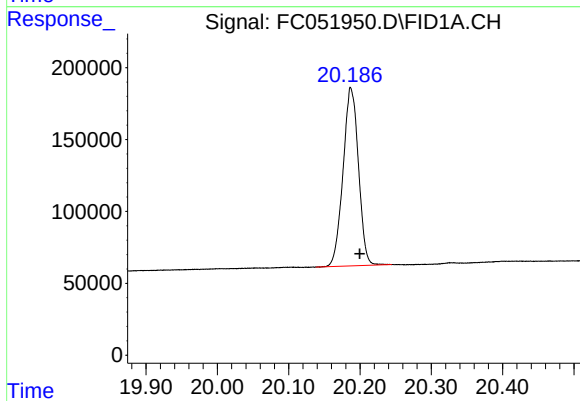
#18 n-Dotriacontane (C32)

R.T.: 18.665 min
Delta R.T.: -0.012 min
Response: 1949201
Conc: 18.84 ug/ml



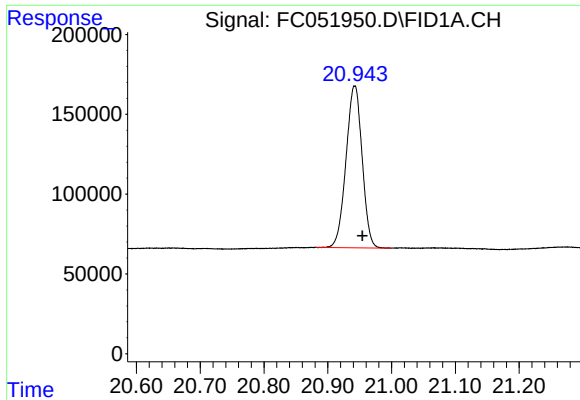
#19 n-Tetratriacontane (C34)

R.T.: 19.449 min
Delta R.T.: -0.010 min
Response: 1904509
Conc: 20.12 ug/ml



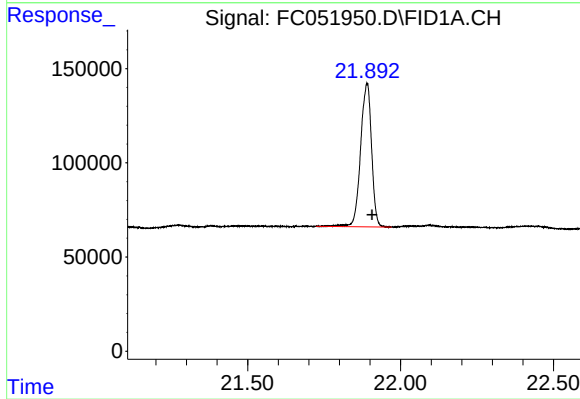
#20 n-Hexatriacontane (C36)

R.T.: 20.187 min
Delta R.T.: -0.012 min
Response: 1858798
Conc: 21.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.942 min
Delta R.T.: -0.012 min
Response: 1779172
Conc: 21.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.890 min
Delta R.T.: -0.016 min
Response: 1904613
Conc: 22.29 ug/ml