

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082020AL\
 Data File : FC049128.D
 Signal(s) : FID1A.CH
 Acq On : 20 Aug 2020 21:55
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 21 01:48:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.683	2348211	19.764 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
12) S 1-chlorooctadecane (S...	13.116	1896825	19.499 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
Target Compounds			
1) T n-Nonane (C9)	3.410	2113518	20.264 ug/ml
2) T n-Decane (C10)	4.487	2161470	20.607 ug/ml
3) T A~Naphthalene (C11.7)	6.087	2451910	20.732 ug/ml
4) T n-Dodecane (C12)	6.513	2208081	20.818 ug/ml
5) T A~2-methylnaphthalene...	7.148	2513591	20.848 ug/ml
6) T n-Tetradecane (C14)	8.313	2204599	20.935 ug/ml
7) T n-Hexadecane (C16)	9.916	2180796	20.777 ug/ml
8) T n-Octadecane (C18)	11.360	2251875	20.498 ug/ml
10) T n-Eicosane (C20)	12.670	2227079	20.013 ug/ml
11) T n-Heneicosane (C21)	13.282	2192763	19.629 ug/ml
13) T n-Docosane (C22)	13.868	2165725	19.268 ug/ml
14) T n-Tetracosane (C24)	14.970	2082614	18.319 ug/ml
15) T n-Hexacosane (C26)	15.991	1992482	17.414 ug/ml
16) T n-Octacosane (C28)	16.941	1937435	16.653 ug/ml
17) T n-Tricontane (C30)	17.827	1880230	16.265 ug/ml
18) T n-Dotriacontane (C32)	18.658	1729106	15.992 ug/ml
19) T n-Tetratriacontane (C34)	19.439	1571869	15.155 ug/ml
20) T n-Hexatriacontane (C36)	20.178	1658834	16.684 ug/ml
21) T n-Octatriacontane (C38)	20.935	1629354	17.231 ug/ml
22) T n-Tetracontane (C40)	21.887	1691297	17.716 ug/ml

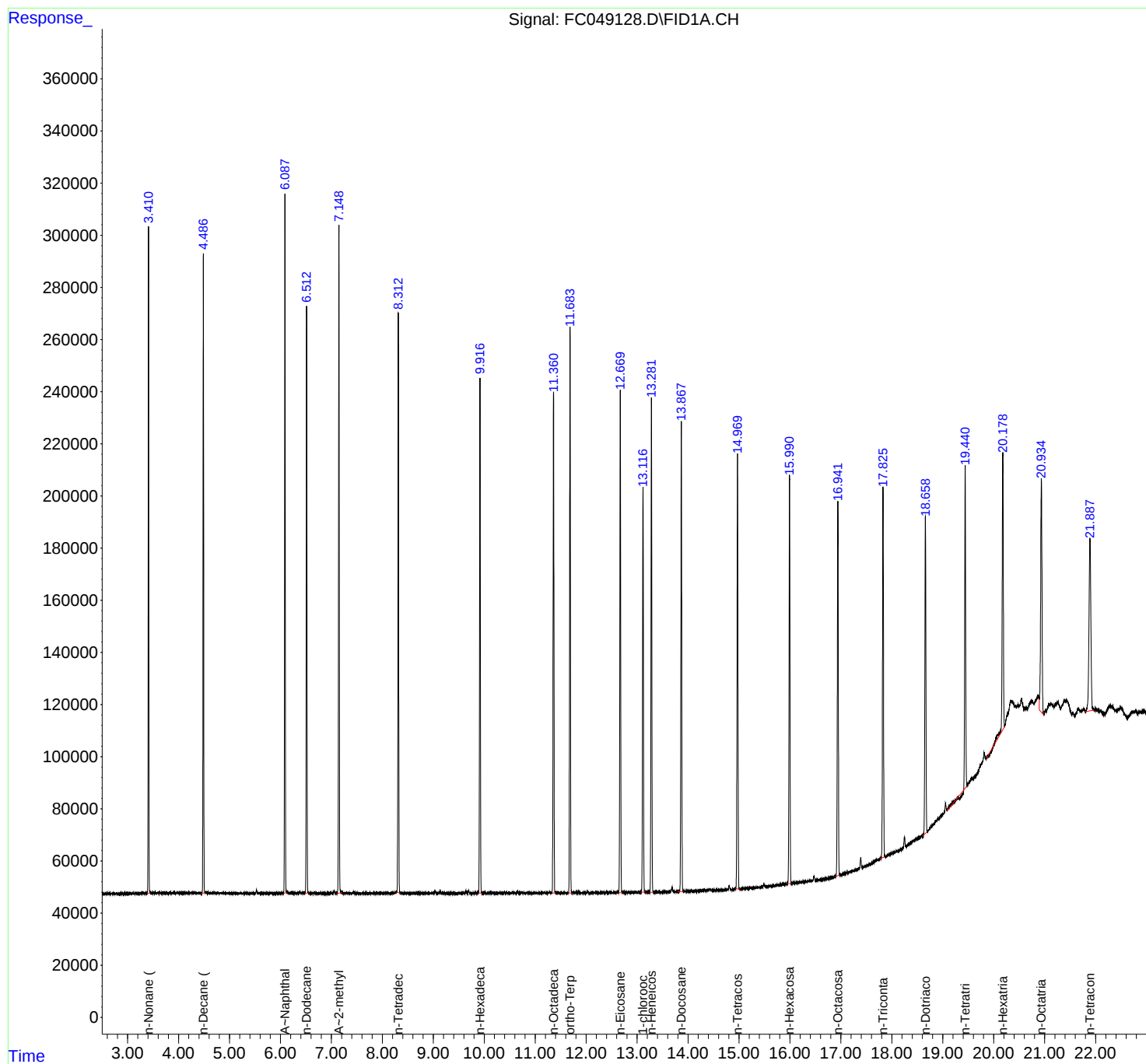
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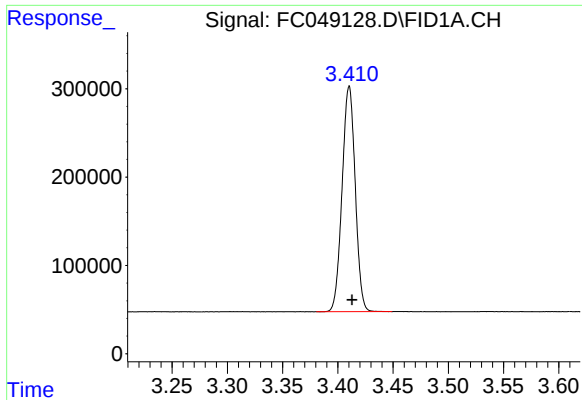
(m)=manual int.

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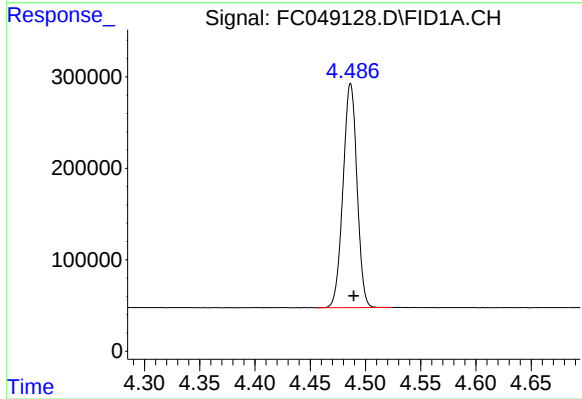
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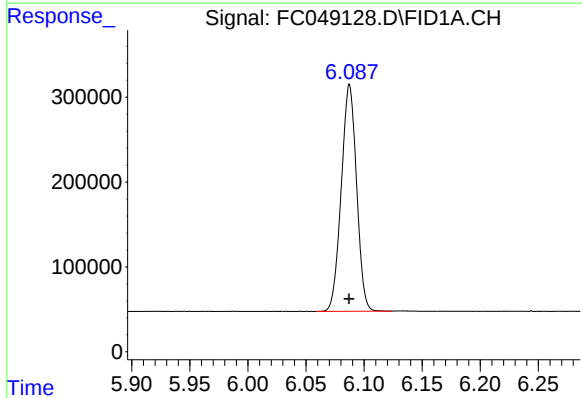
#1 n-Nonane (C9)

R.T.: 3.410 min
Delta R.T.: -0.003 min
Response: 2113518
Conc: 20.26 ug/ml



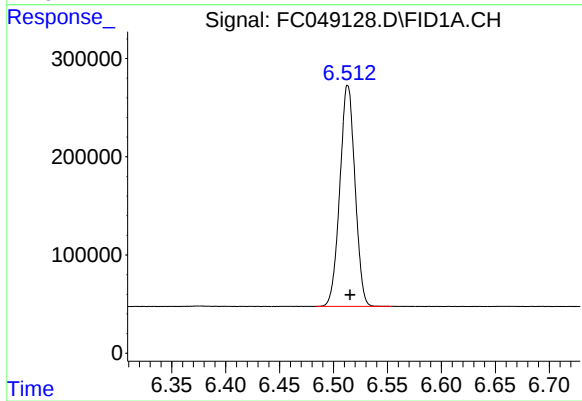
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 2161470
Conc: 20.61 ug/ml



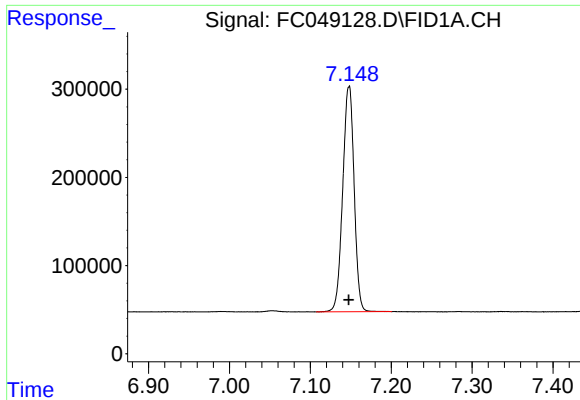
#3 A~Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 2451910
Conc: 20.73 ug/ml



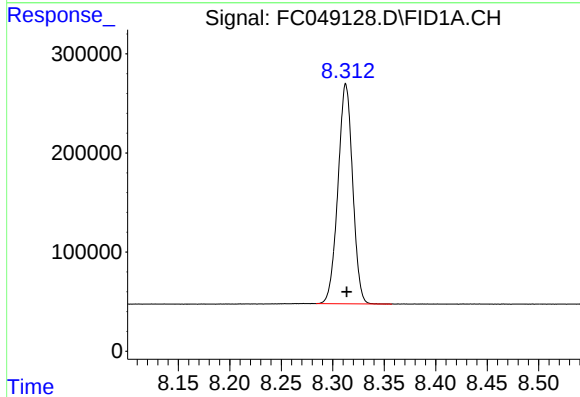
#4 n-Dodecane (C12)

R.T.: 6.513 min
Delta R.T.: -0.002 min
Response: 2208081
Conc: 20.82 ug/ml



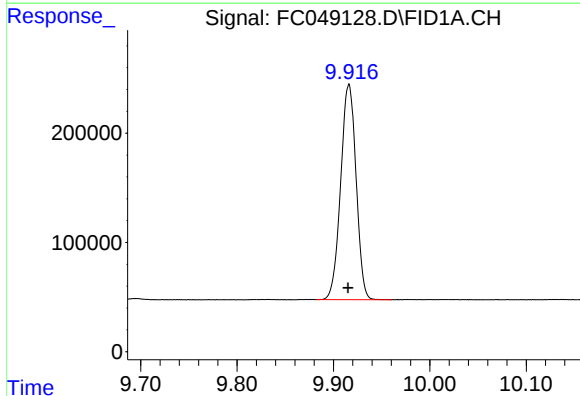
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 2513591
Conc: 20.85 ug/ml



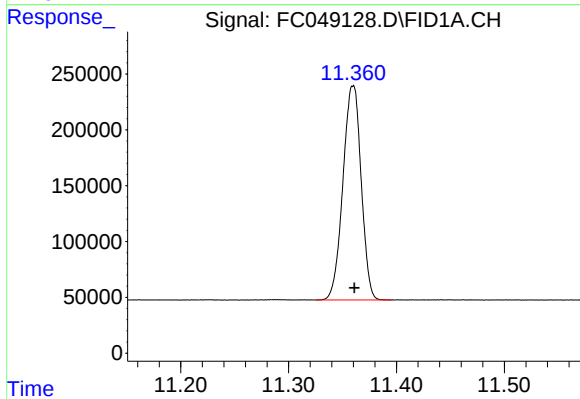
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 2204599
Conc: 20.93 ug/ml



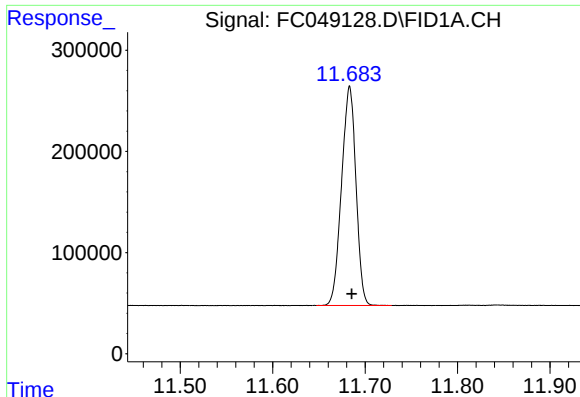
#7 n-Hexadecane (C16)

R.T.: 9.916 min
Delta R.T.: 0.000 min
Response: 2180796
Conc: 20.78 ug/ml



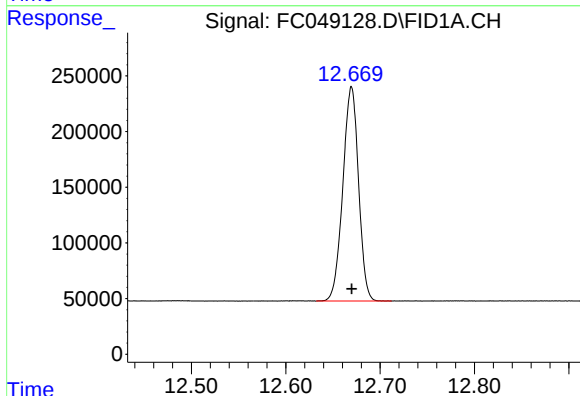
#8 n-Octadecane (C18)

R.T.: 11.360 min
Delta R.T.: -0.001 min
Response: 2251875
Conc: 20.50 ug/ml



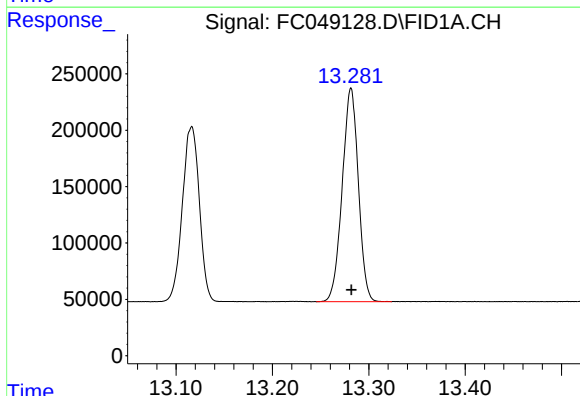
#9 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: -0.002 min
Response: 2348211
Conc: 19.76 ug/ml



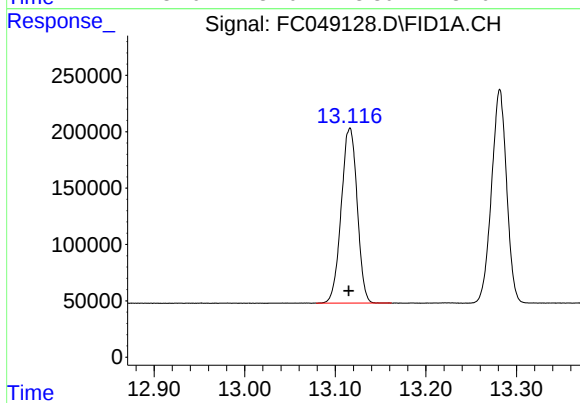
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: 0.000 min
Response: 2227079
Conc: 20.01 ug/ml



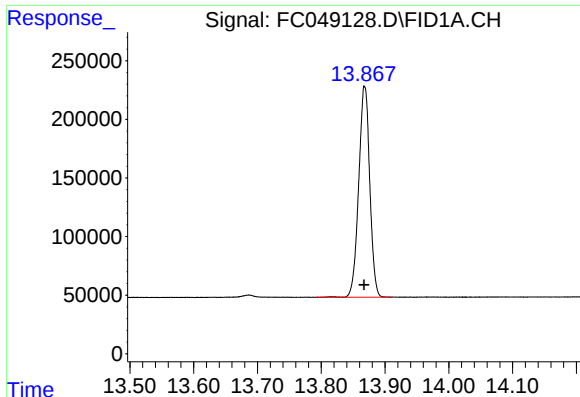
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.000 min
Response: 2192763
Conc: 19.63 ug/ml



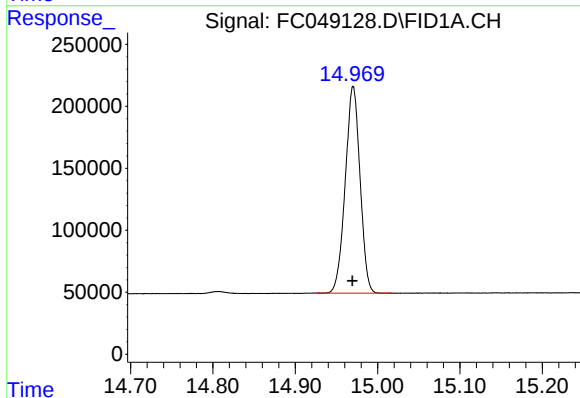
#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: 0.001 min
Response: 1896825
Conc: 19.50 ug/ml



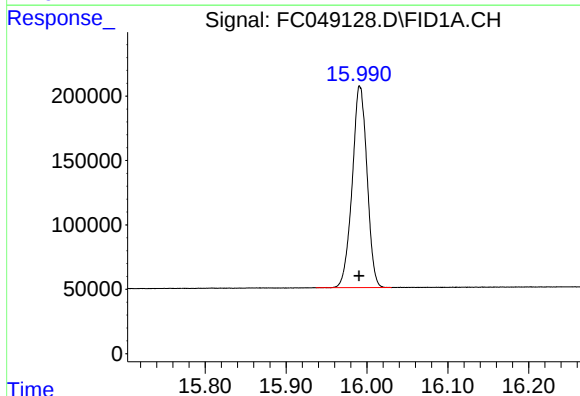
#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 2165725
Conc: 19.27 ug/ml



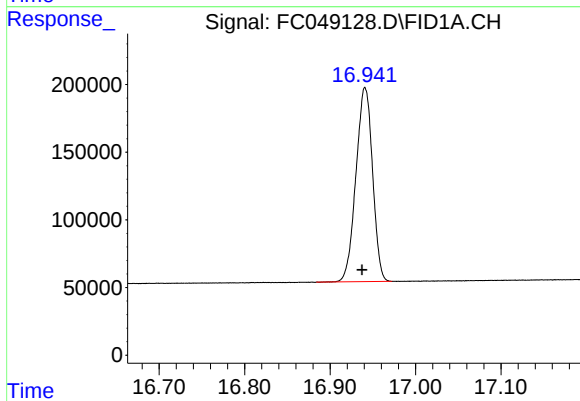
#14 n-Tetracosane (C24)

R.T.: 14.970 min
Delta R.T.: 0.000 min
Response: 2082614
Conc: 18.32 ug/ml



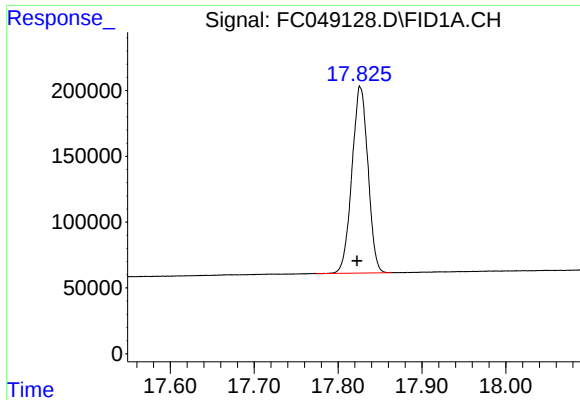
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: 0.000 min
Response: 1992482
Conc: 17.41 ug/ml



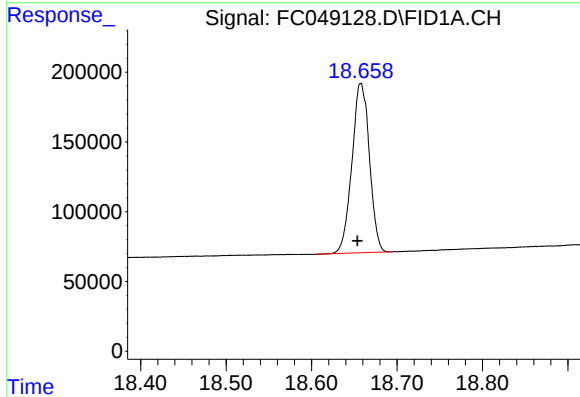
#16 n-Octacosane (C28)

R.T.: 16.941 min
Delta R.T.: 0.003 min
Response: 1937435
Conc: 16.65 ug/ml



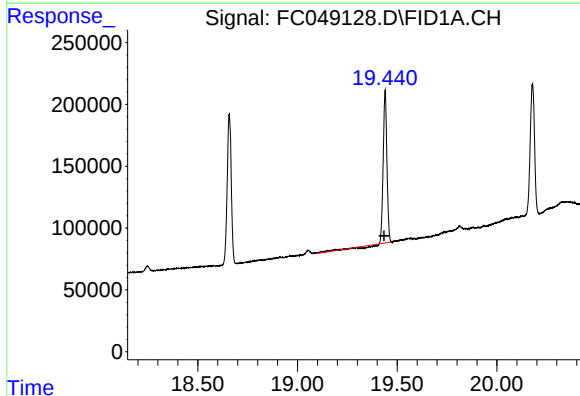
#17 n-Tricontane (C30)

R.T.: 17.827 min
Delta R.T.: 0.004 min
Response: 1880230
Conc: 16.27 ug/ml



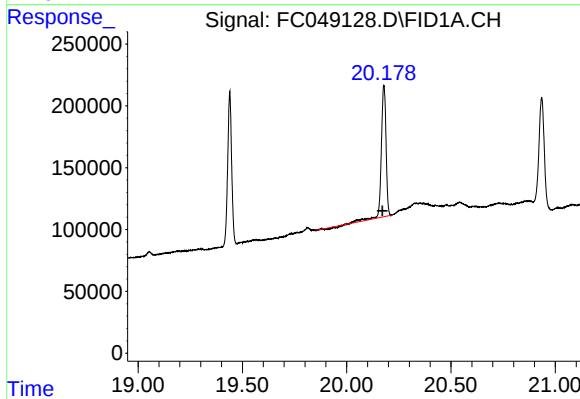
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: 0.004 min
Response: 1729106
Conc: 15.99 ug/ml



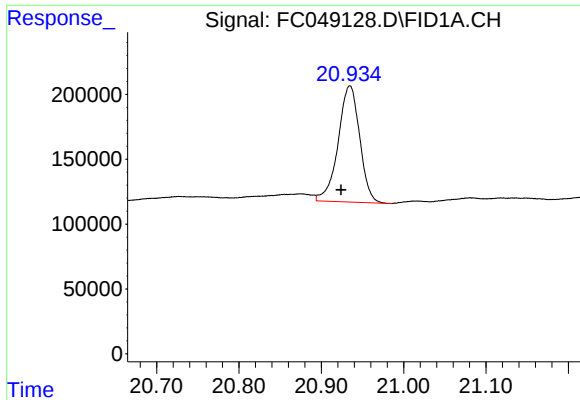
#19 n-Tetratriacontane (C34)

R.T.: 19.439 min
Delta R.T.: 0.005 min
Response: 1571869
Conc: 15.16 ug/ml



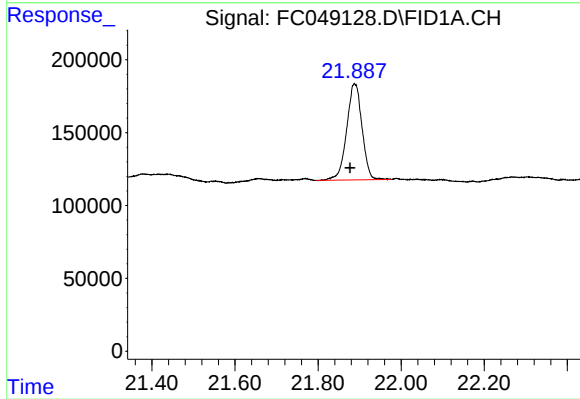
#20 n-Hexatriacontane (C36)

R.T.: 20.178 min
Delta R.T.: 0.006 min
Response: 1658834
Conc: 16.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.935 min
Delta R.T.: 0.010 min
Response: 1629354
Conc: 17.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.887 min
Delta R.T.: 0.011 min
Response: 1691297
Conc: 17.72 ug/ml