

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111620AL\
 Data File : FC050818.D
 Signal(s) : FID1A.CH
 Acq On : 16 Nov 2020 23:26
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 17 00:43:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 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)	11.607	2217492	18.054 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	13.042	1713752	17.750 ug/ml
Spiked Amount 50.000		Recovery =	35.50%
Target Compounds			
1) T n-Nonane (C9)	3.357	2122923	19.951 ug/ml
2) T n-Decane (C10)	4.427	2128648	20.015 ug/ml
3) T A~Naphthalene (C11.7)	6.021	2255094	19.582 ug/ml
4) T n-Dodecane (C12)	6.448	2169022	20.005 ug/ml
5) T A~2-methylnaphthalene...	7.078	2239420	19.519 ug/ml
6) T n-Tetradecane (C14)	8.244	2145518	19.892 ug/ml
7) T n-Hexadecane (C16)	9.845	2093520	19.666 ug/ml
8) T n-Octadecane (C18)	11.287	2150651	19.119 ug/ml
10) T n-Eicosane (C20)	12.596	2104555	18.439 ug/ml
11) T n-Heneicosane (C21)	13.207	2062027	18.075 ug/ml
13) T n-Docosane (C22)	13.794	2018683	17.689 ug/ml
14) T n-Tetracosane (C24)	14.895	1949968	17.075 ug/ml
15) T n-Hexacosane (C26)	15.915	1884978	16.625 ug/ml
16) T n-Octacosane (C28)	16.864	1861315	16.404 ug/ml
17) T n-Tricontane (C30)	17.751	1837277	16.525 ug/ml
18) T n-Dotriacontane (C32)	18.582	1743657	16.902 ug/ml
19) T n-Tetratriacontane (C34)	19.365	1639613	17.040 ug/ml
20) T n-Hexatriacontane (C36)	20.103	1508189	16.787 ug/ml
21) T n-Octatriacontane (C38)	20.844	1383201	16.636 ug/ml
22) T n-Tetracontane (C40)	21.769	1349016	16.121 ug/ml

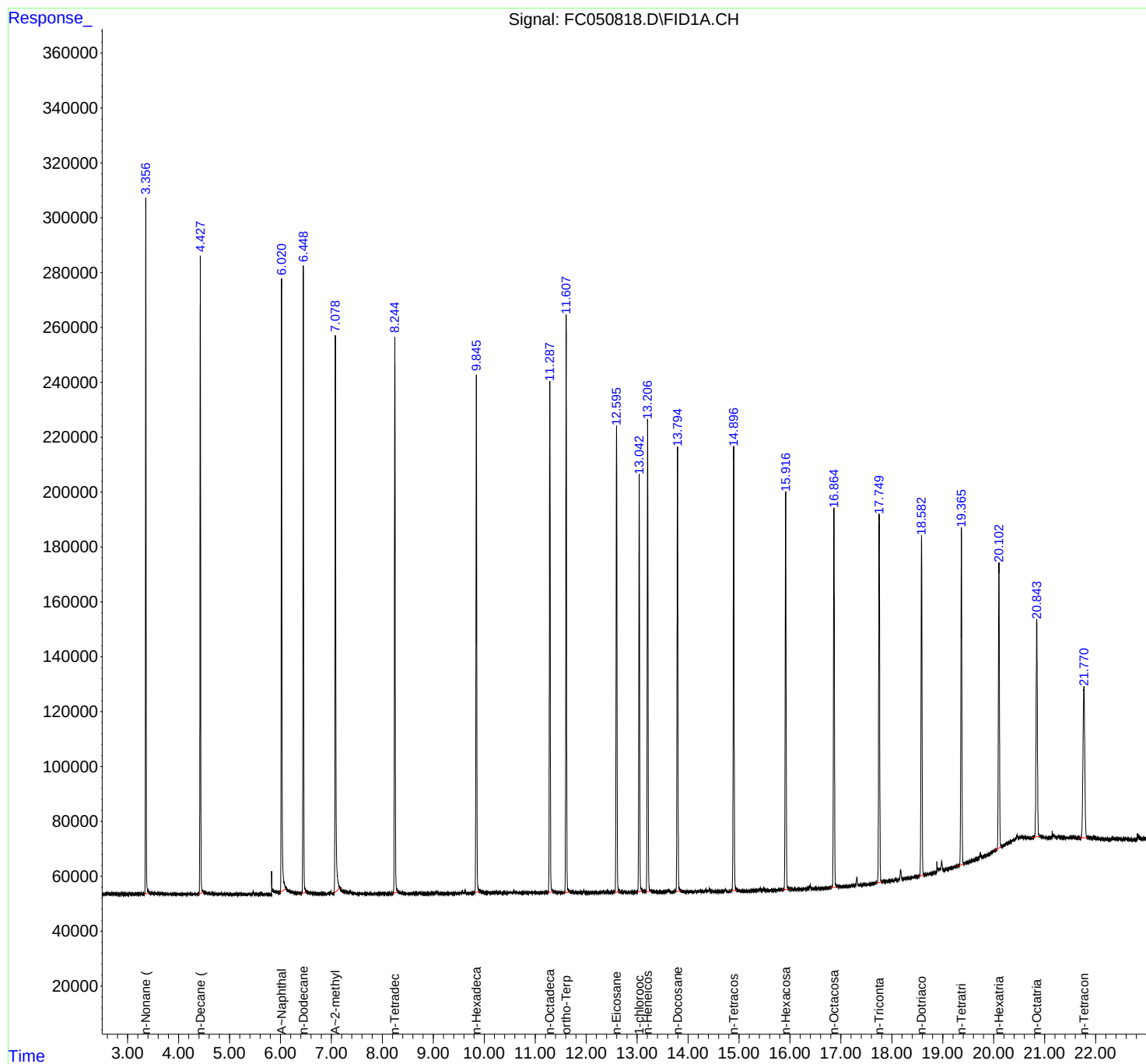
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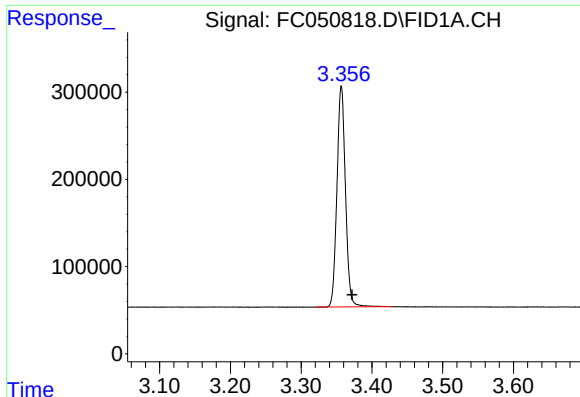
(m)=manual int.

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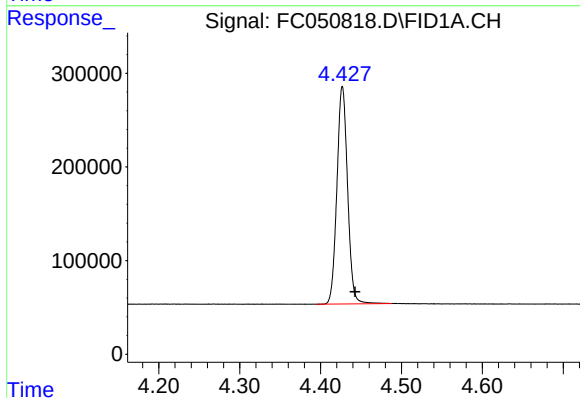
Volume Inj. : 1 ul
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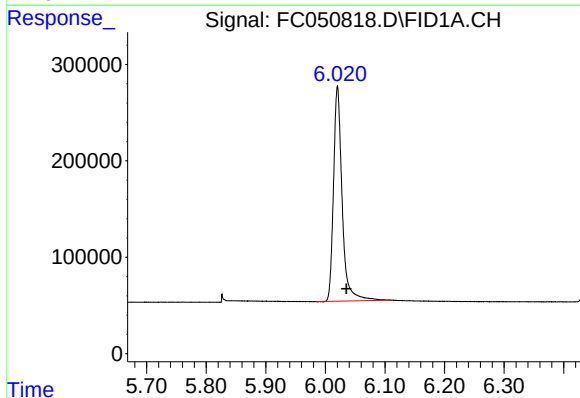
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.015 min
Response: 2122923
Conc: 19.95 ug/ml



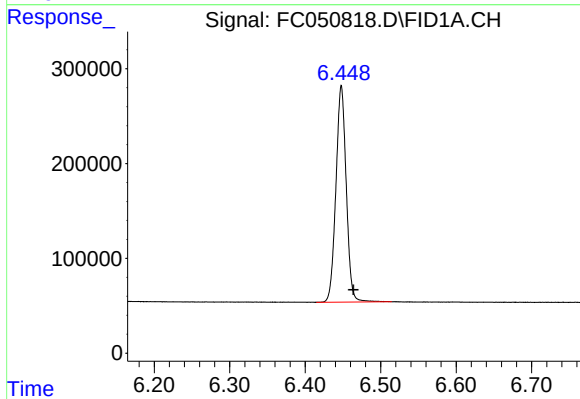
#2 n-Decane (C10)

R.T.: 4.427 min
Delta R.T.: -0.016 min
Response: 2128648
Conc: 20.02 ug/ml



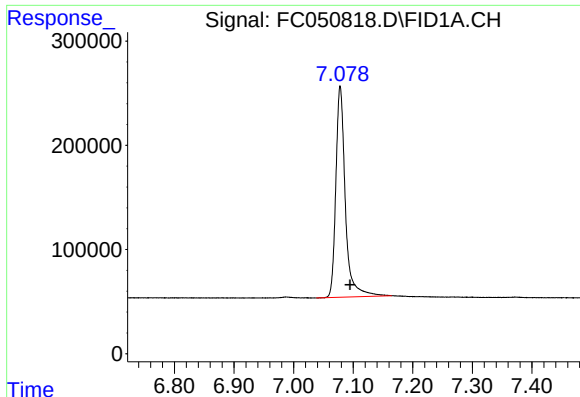
#3 A~Naphthalene (C11.7)

R.T.: 6.021 min
Delta R.T.: -0.015 min
Response: 2255094
Conc: 19.58 ug/ml



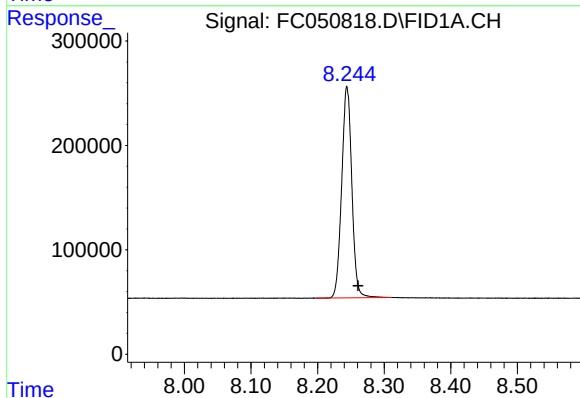
#4 n-Dodecane (C12)

R.T.: 6.448 min
Delta R.T.: -0.016 min
Response: 2169022
Conc: 20.00 ug/ml



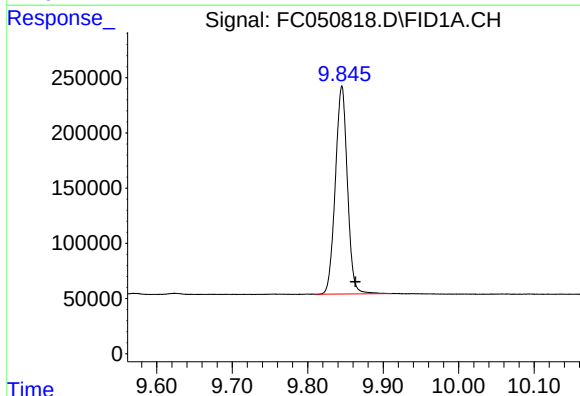
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.078 min
Delta R.T.: -0.016 min
Response: 2239420
Conc: 19.52 ug/ml



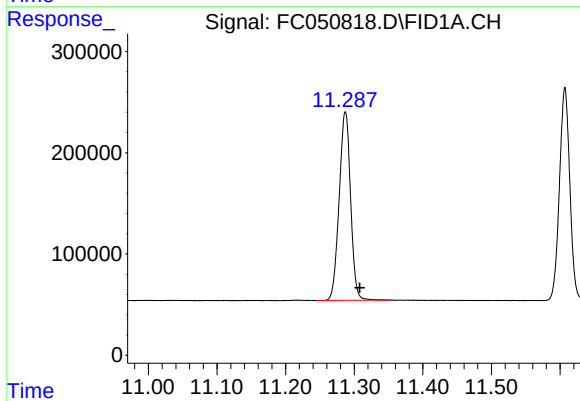
#6 n-Tetradecane (C14)

R.T.: 8.244 min
Delta R.T.: -0.017 min
Response: 2145518
Conc: 19.89 ug/ml



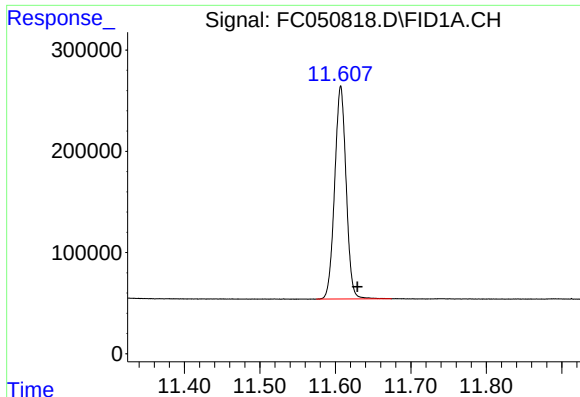
#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: -0.018 min
Response: 2093520
Conc: 19.67 ug/ml



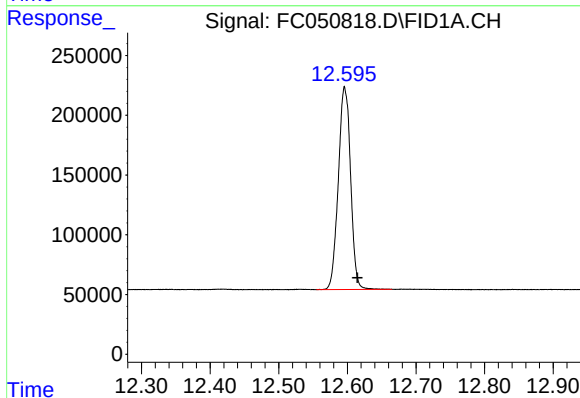
#8 n-Octadecane (C18)

R.T.: 11.287 min
Delta R.T.: -0.021 min
Response: 2150651
Conc: 19.12 ug/ml



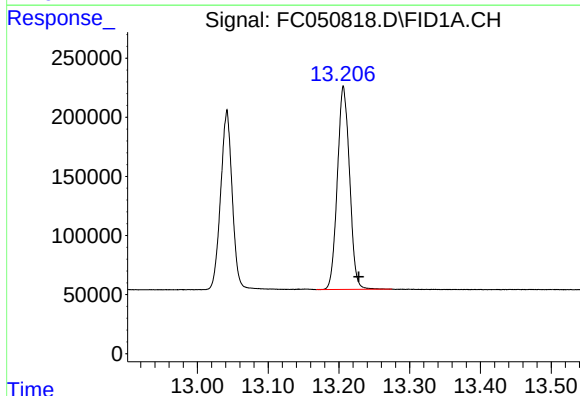
#9 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.022 min
Response: 2217492
Conc: 18.05 ug/ml



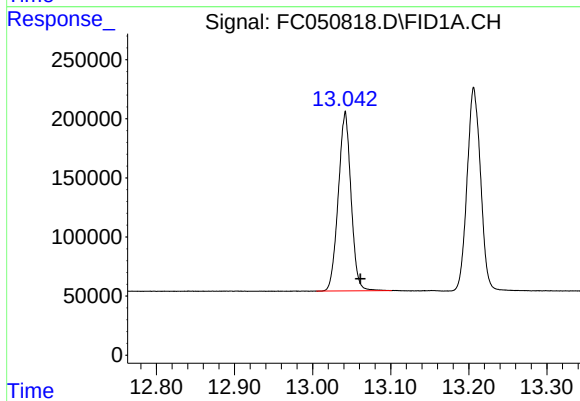
#10 n-Eicosane (C20)

R.T.: 12.596 min
Delta R.T.: -0.019 min
Response: 2104555
Conc: 18.44 ug/ml



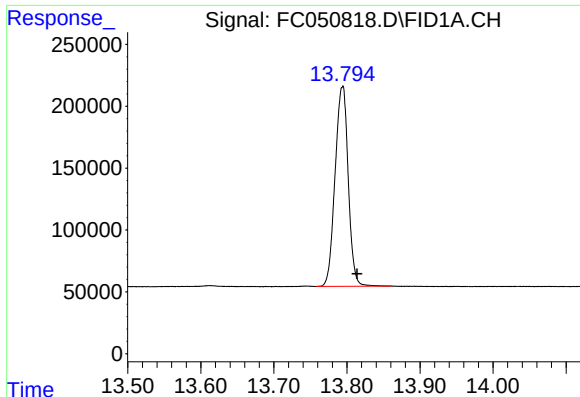
#11 n-Heneicosane (C21)

R.T.: 13.207 min
Delta R.T.: -0.022 min
Response: 2062027
Conc: 18.08 ug/ml



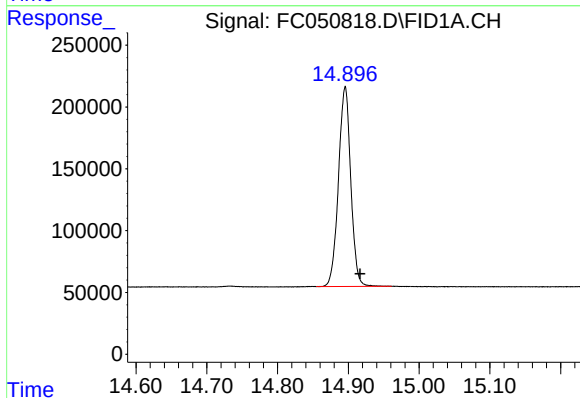
#12 1-chlorooctadecane (SURR)

R.T.: 13.042 min
Delta R.T.: -0.020 min
Response: 1713752
Conc: 17.75 ug/ml



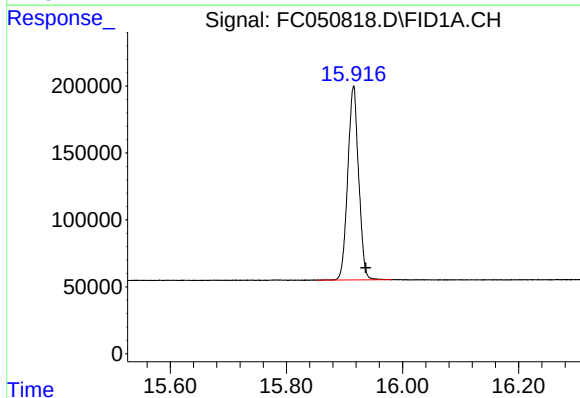
#13 n-Docosane (C22)

R.T.: 13.794 min
Delta R.T.: -0.020 min
Response: 2018683
Conc: 17.69 ug/ml



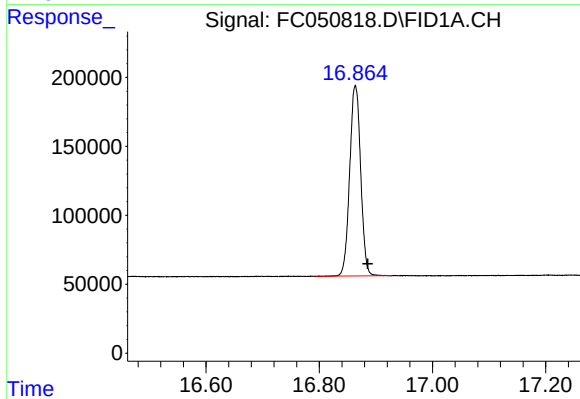
#14 n-Tetracosane (C24)

R.T.: 14.895 min
Delta R.T.: -0.021 min
Response: 1949968
Conc: 17.07 ug/ml



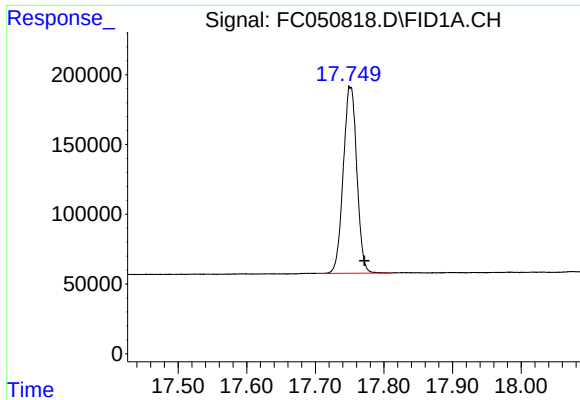
#15 n-Hexacosane (C26)

R.T.: 15.915 min
Delta R.T.: -0.021 min
Response: 1884978
Conc: 16.62 ug/ml



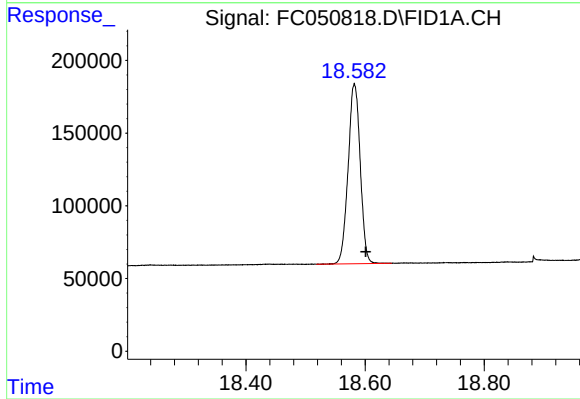
#16 n-Octacosane (C28)

R.T.: 16.864 min
Delta R.T.: -0.022 min
Response: 1861315
Conc: 16.40 ug/ml



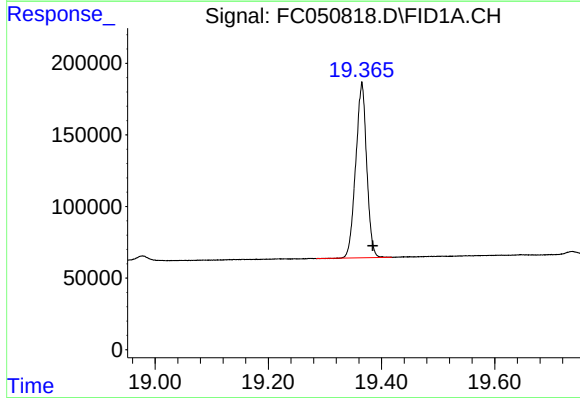
#17 n-Tricontane (C30)

R.T.: 17.751 min
Delta R.T.: -0.020 min
Response: 1837277
Conc: 16.52 ug/ml



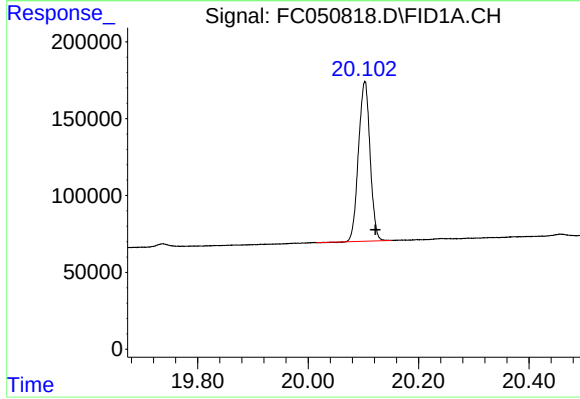
#18 n-Dotriacontane (C32)

R.T.: 18.582 min
Delta R.T.: -0.019 min
Response: 1743657
Conc: 16.90 ug/ml



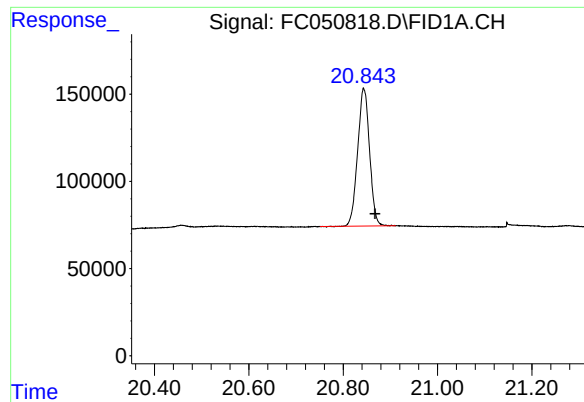
#19 n-Tetratriacontane (C34)

R.T.: 19.365 min
Delta R.T.: -0.019 min
Response: 1639613
Conc: 17.04 ug/ml



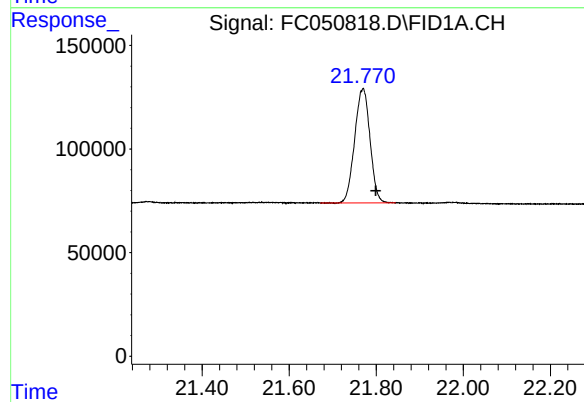
#20 n-Hexatriacontane (C36)

R.T.: 20.103 min
Delta R.T.: -0.019 min
Response: 1508189
Conc: 16.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.844 min
Delta R.T.: -0.024 min
Response: 1383201
Conc: 16.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.769 min
Delta R.T.: -0.029 min
Response: 1349016
Conc: 16.12 ug/ml