

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112320AL\
 Data File : FC050918.D
 Signal(s) : FID1A.CH
 Acq On : 23 Nov 2020 22:35
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 24 00:31:16 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)	11.601	2253048	18.343 ug/ml
Spiked Amount 50.000		Recovery =	36.69%
12) S 1-chlorooctadecane (S...	13.035	1720888	17.824 ug/ml
Spiked Amount 50.000		Recovery =	35.65%
Target Compounds			
1) T n-Nonane (C9)	3.353	2151154	20.217 ug/ml
2) T n-Decane (C10)	4.423	2158262	20.294 ug/ml
3) T A~Naphthalene (C11.7)	6.015	2267797	19.692 ug/ml
4) T n-Dodecane (C12)	6.443	2197006	20.263 ug/ml
5) T A~2-methylnaphthalene...	7.073	2268016	19.768 ug/ml
6) T n-Tetradecane (C14)	8.239	2169052	20.110 ug/ml
7) T n-Hexadecane (C16)	9.839	2120471	19.919 ug/ml
8) T n-Octadecane (C18)	11.281	2183664	19.412 ug/ml
10) T n-Eicosane (C20)	12.589	2141497	18.763 ug/ml
11) T n-Heneicosane (C21)	13.201	2101904	18.425 ug/ml
13) T n-Docosane (C22)	13.787	2059099	18.043 ug/ml
14) T n-Tetracosane (C24)	14.888	1993947	17.460 ug/ml
15) T n-Hexacosane (C26)	15.909	1926205	16.989 ug/ml
16) T n-Octacosane (C28)	16.856	1906364	16.801 ug/ml
17) T n-Tricontane (C30)	17.742	1882751	16.934 ug/ml
18) T n-Dotriacontane (C32)	18.573	1777185	17.227 ug/ml
19) T n-Tetratriacontane (C34)	19.355	1666813	17.322 ug/ml
20) T n-Hexatriacontane (C36)	20.092	1497020	16.663 ug/ml
21) T n-Octatriacontane (C38)	20.832	1388239	16.696 ug/ml
22) T n-Tetracontane (C40)	21.753	1381567	16.510 ug/ml

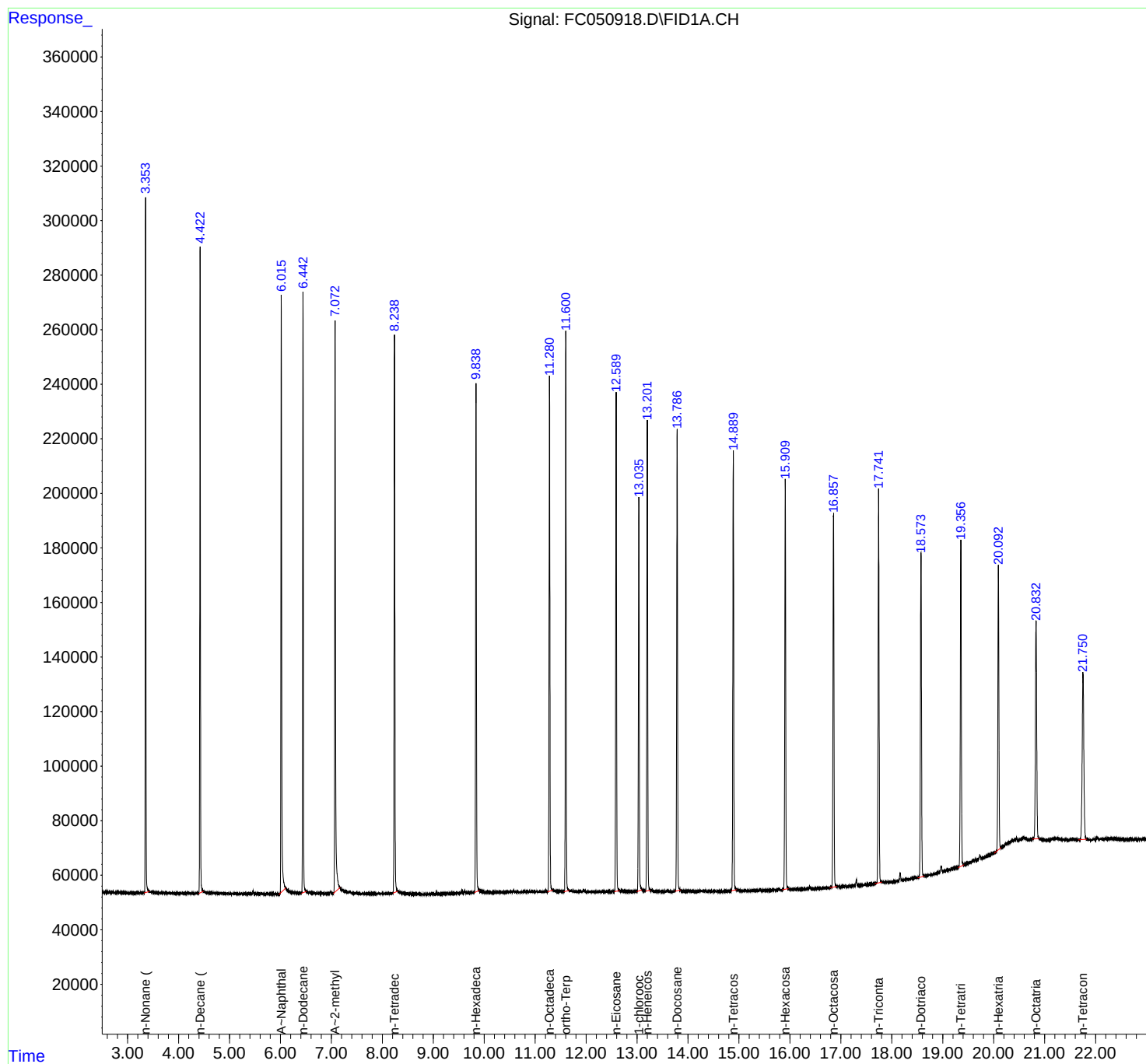
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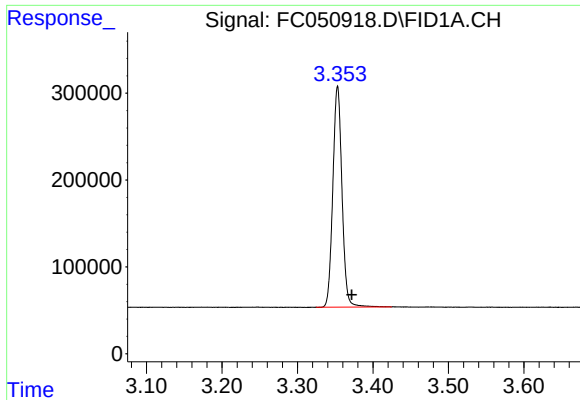
(m)=manual int.

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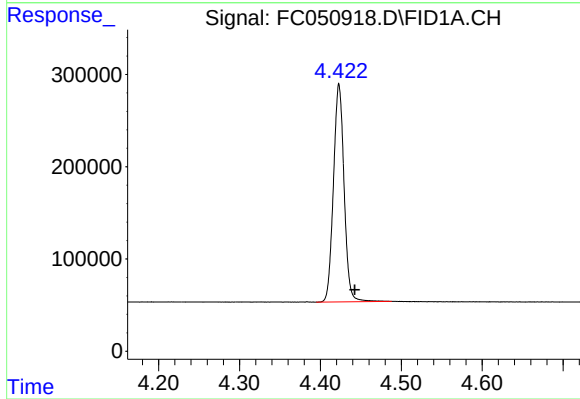
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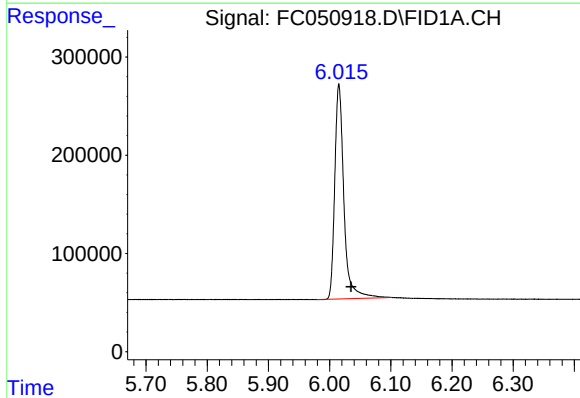
#1 n-Nonane (C9)

R.T.: 3.353 min
Delta R.T.: -0.019 min
Response: 2151154
Conc: 20.22 ug/ml



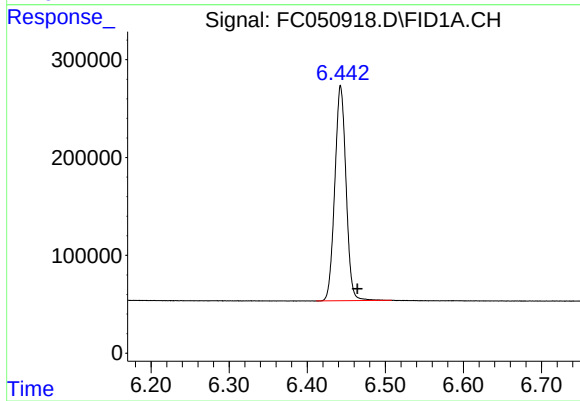
#2 n-Decane (C10)

R.T.: 4.423 min
Delta R.T.: -0.020 min
Response: 2158262
Conc: 20.29 ug/ml



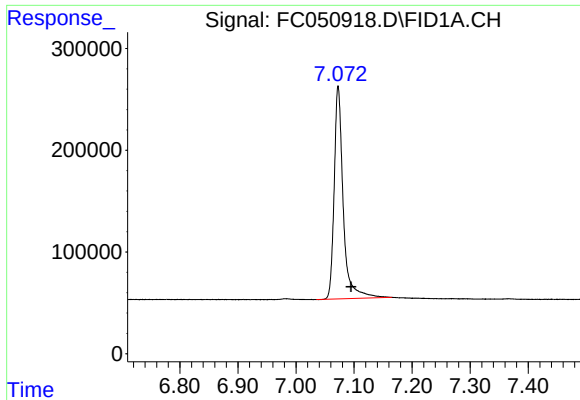
#3 A~Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: -0.020 min
Response: 2267797
Conc: 19.69 ug/ml



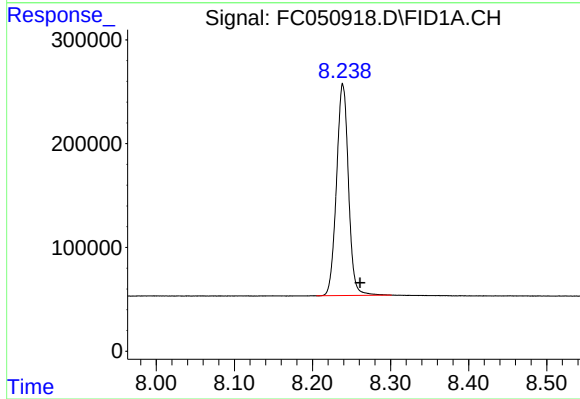
#4 n-Dodecane (C12)

R.T.: 6.443 min
Delta R.T.: -0.021 min
Response: 2197006
Conc: 20.26 ug/ml



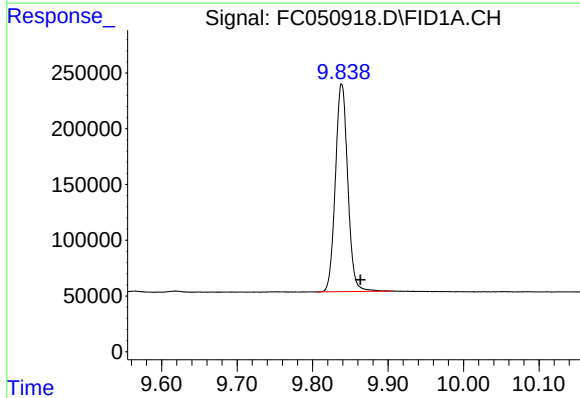
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: -0.022 min
Response: 2268016
Conc: 19.77 ug/ml



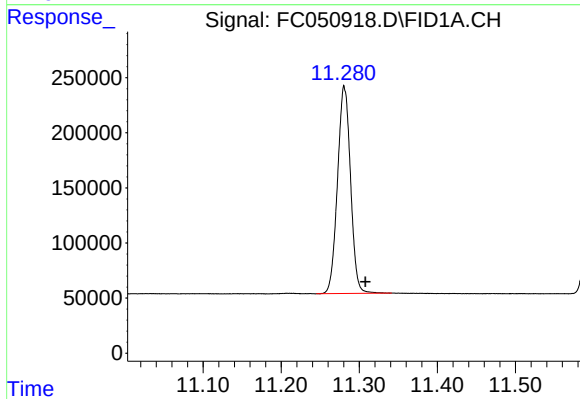
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: -0.022 min
Response: 2169052
Conc: 20.11 ug/ml



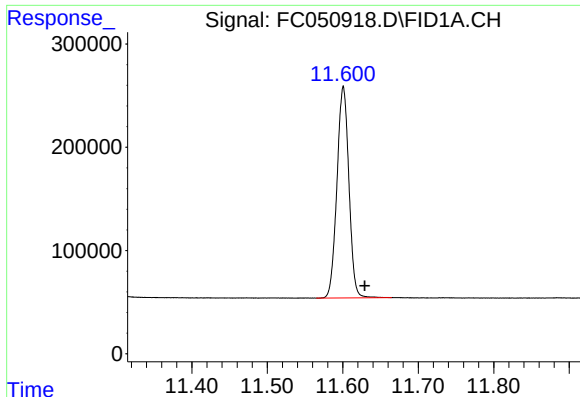
#7 n-Hexadecane (C16)

R.T.: 9.839 min
Delta R.T.: -0.025 min
Response: 2120471
Conc: 19.92 ug/ml



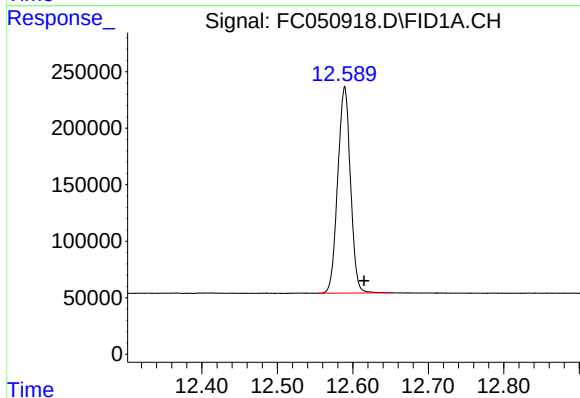
#8 n-Octadecane (C18)

R.T.: 11.281 min
Delta R.T.: -0.027 min
Response: 2183664
Conc: 19.41 ug/ml



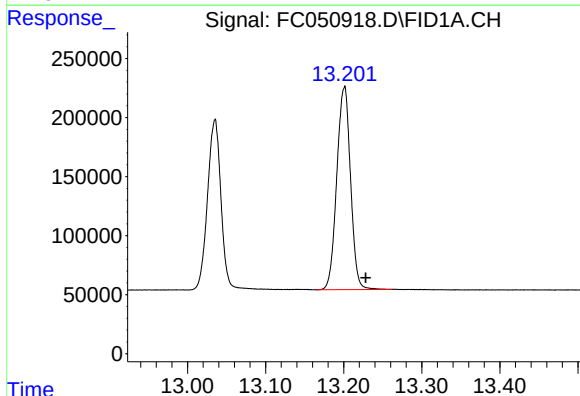
#9 ortho-Terphenyl (SURR)

R.T.: 11.601 min
Delta R.T.: -0.028 min
Response: 2253048
Conc: 18.34 ug/ml



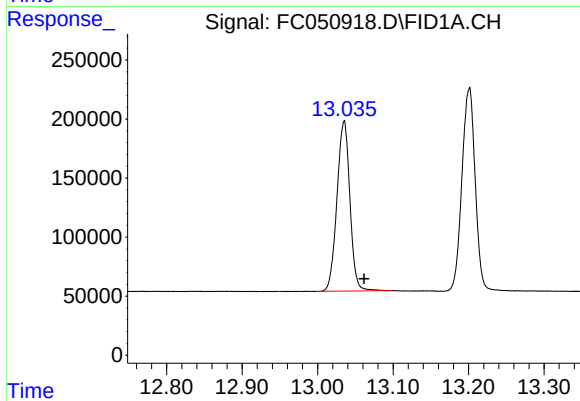
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: -0.026 min
Response: 2141497
Conc: 18.76 ug/ml



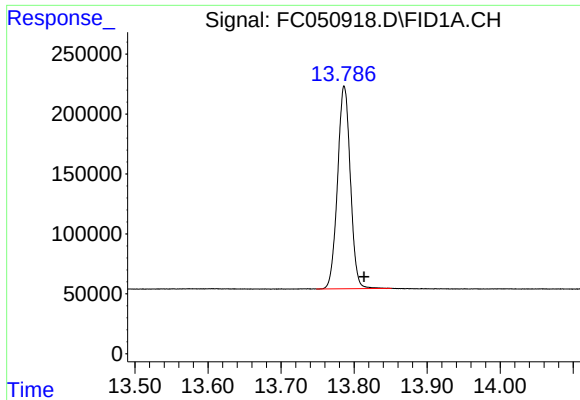
#11 n-Heneicosane (C21)

R.T.: 13.201 min
Delta R.T.: -0.028 min
Response: 2101904
Conc: 18.42 ug/ml



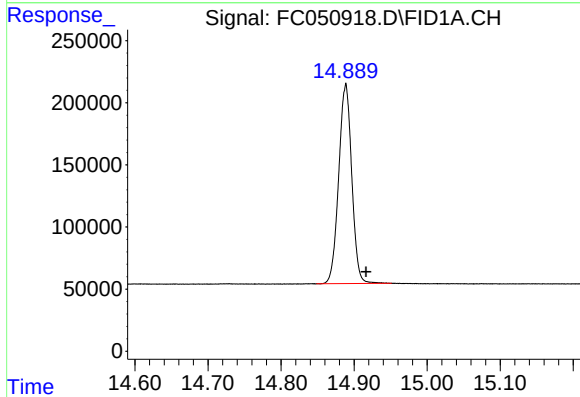
#12 1-chlorooctadecane (SURR)

R.T.: 13.035 min
Delta R.T.: -0.027 min
Response: 1720888
Conc: 17.82 ug/ml



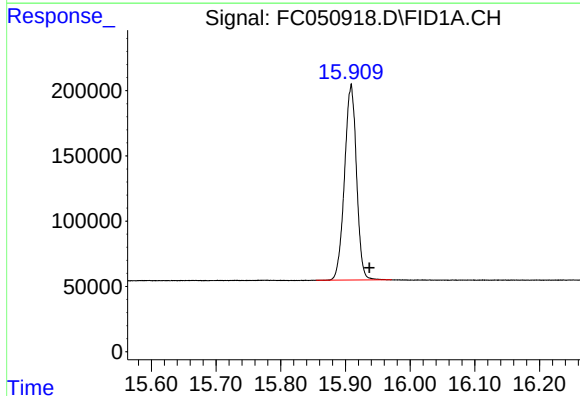
#13 n-Docosane (C22)

R.T.: 13.787 min
Delta R.T.: -0.027 min
Response: 2059099
Conc: 18.04 ug/ml



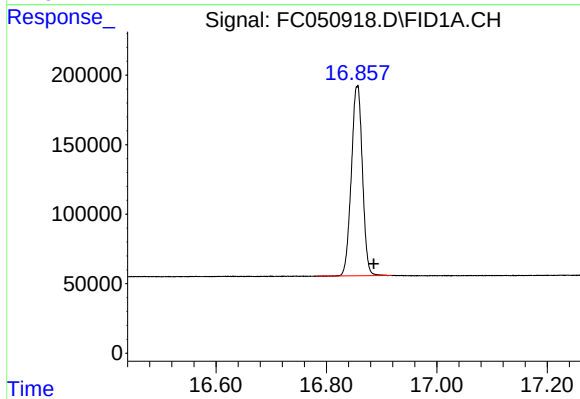
#14 n-Tetracosane (C24)

R.T.: 14.888 min
Delta R.T.: -0.028 min
Response: 1993947
Conc: 17.46 ug/ml



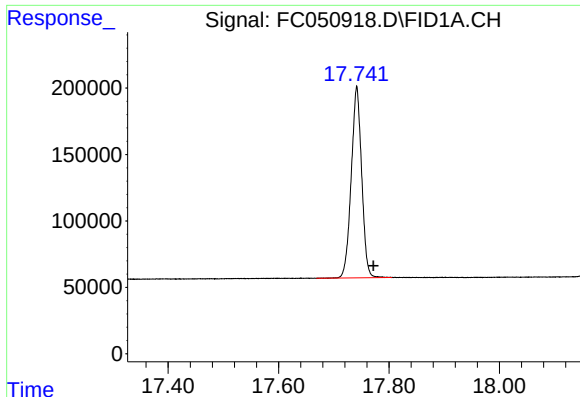
#15 n-Hexacosane (C26)

R.T.: 15.909 min
Delta R.T.: -0.028 min
Response: 1926205
Conc: 16.99 ug/ml



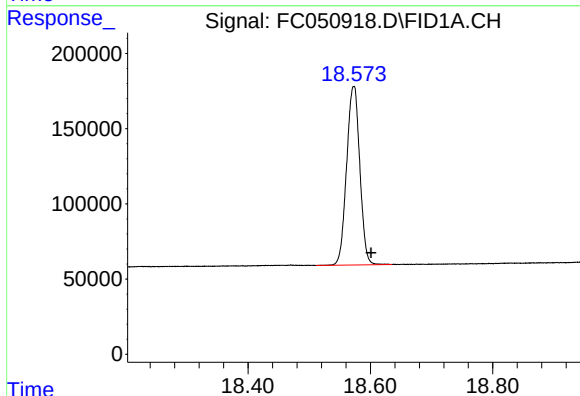
#16 n-Octacosane (C28)

R.T.: 16.856 min
Delta R.T.: -0.030 min
Response: 1906364
Conc: 16.80 ug/ml



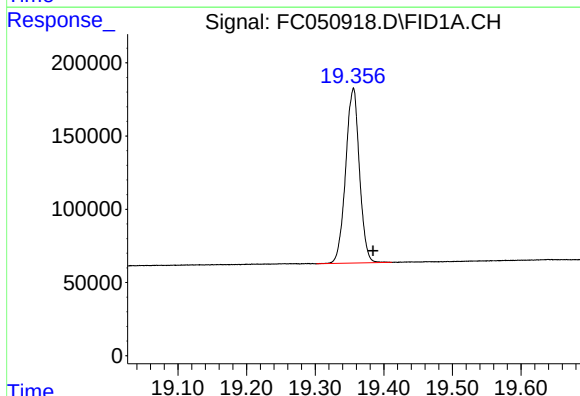
#17 n-Tricontane (C30)

R.T.: 17.742 min
Delta R.T.: -0.030 min
Response: 1882751
Conc: 16.93 ug/ml



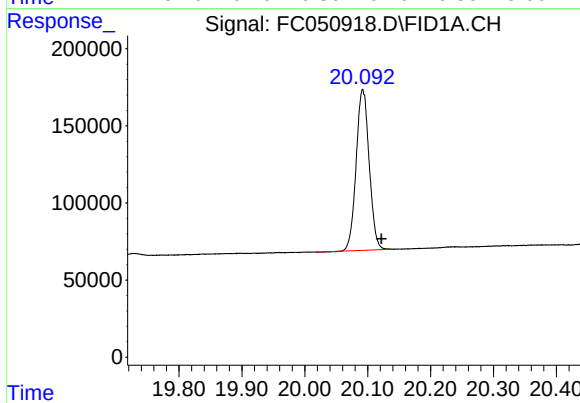
#18 n-Dotriacontane (C32)

R.T.: 18.573 min
Delta R.T.: -0.028 min
Response: 1777185
Conc: 17.23 ug/ml



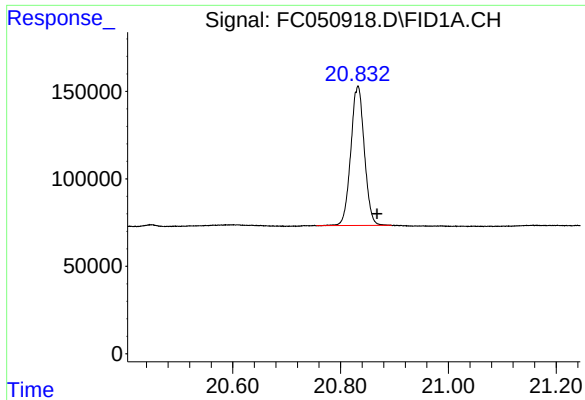
#19 n-Tetratriacontane (C34)

R.T.: 19.355 min
Delta R.T.: -0.029 min
Response: 1666813
Conc: 17.32 ug/ml



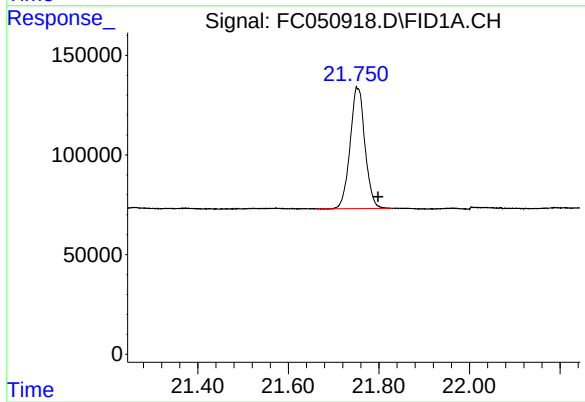
#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: -0.030 min
Response: 1497020
Conc: 16.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.832 min
Delta R.T.: -0.036 min
Response: 1388239
Conc: 16.70 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.753 min
Delta R.T.: -0.046 min
Response: 1381567
Conc: 16.51 ug/ml