

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090920AL\
 Data File : FC049503.D
 Signal(s) : FID1A.CH
 Acq On : 10 Sep 2020 1:47
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 10 03:44:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.668	2176216	18.941 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
12) S 1-chlorooctadecane (S...	13.100	1689985	18.973 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
Target Compounds			
1) T n-Nonane (C9)	3.404	2048563	19.802 ug/ml
2) T n-Decane (C10)	4.478	2059124	19.825 ug/ml
3) T A~Naphthalene (C11.7)	6.075	2281628	19.844 ug/ml
4) T n-Dodecane (C12)	6.502	2076019	19.640 ug/ml
5) T A~2-methylnaphthalene...	7.134	2299057	19.664 ug/ml
6) T n-Tetradecane (C14)	8.300	2048468	19.418 ug/ml
7) T n-Hexadecane (C16)	9.902	1999228	19.211 ug/ml
8) T n-Octadecane (C18)	11.344	2056395	19.134 ug/ml
10) T n-Eicosane (C20)	12.654	2036536	19.019 ug/ml
11) T n-Heneicosane (C21)	13.266	2022315	19.004 ug/ml
13) T n-Docosane (C22)	13.852	2008529	18.980 ug/ml
14) T n-Tetracosane (C24)	14.954	1973545	18.860 ug/ml
15) T n-Hexacosane (C26)	15.974	1924024	18.821 ug/ml
16) T n-Octacosane (C28)	16.922	1893466	18.841 ug/ml
17) T n-Tricontane (C30)	17.809	1849776	18.998 ug/ml
18) T n-Dotriacontane (C32)	18.639	1737775	19.231 ug/ml
19) T n-Tetratriacontane (C34)	19.422	1684093	19.673 ug/ml
20) T n-Hexatriacontane (C36)	20.159	1633483	20.275 ug/mlm
21) T n-Octatriacontane (C38)	20.912	1652195	21.824 ug/mlm
22) T n-Tetracontane (C40)	21.854	1648066	21.180 ug/mlm

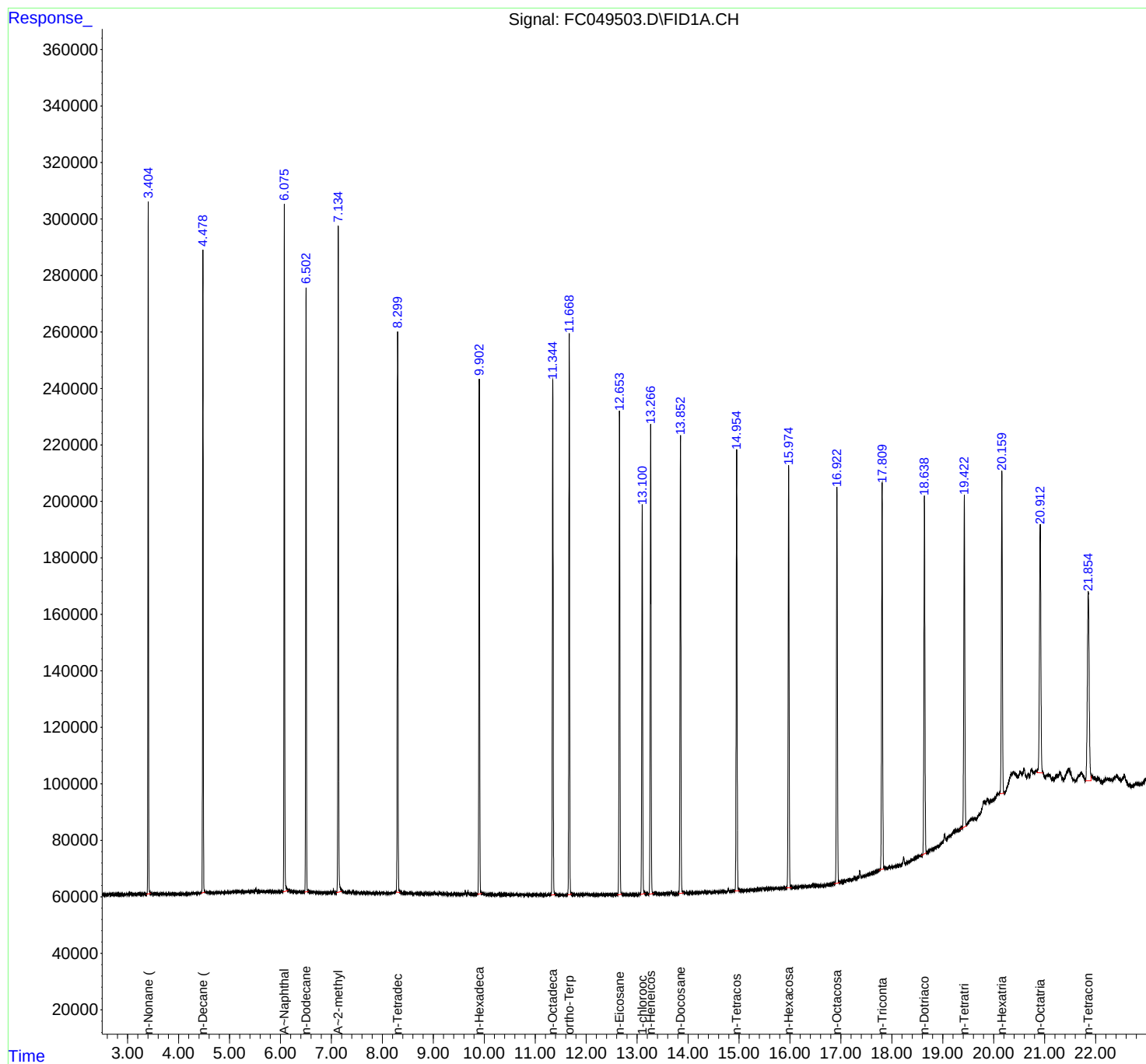
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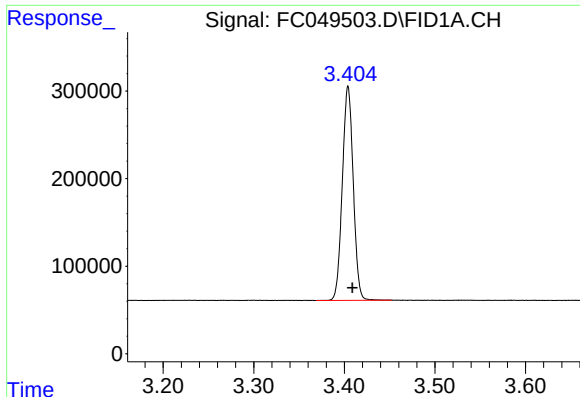
(m)=manual int.

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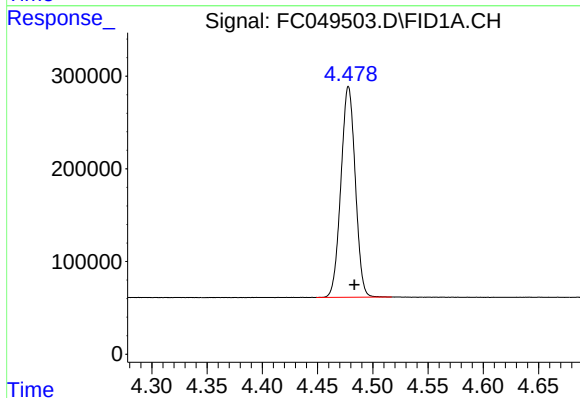
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Signal Info : 20M x 0.18mm x 0.18um





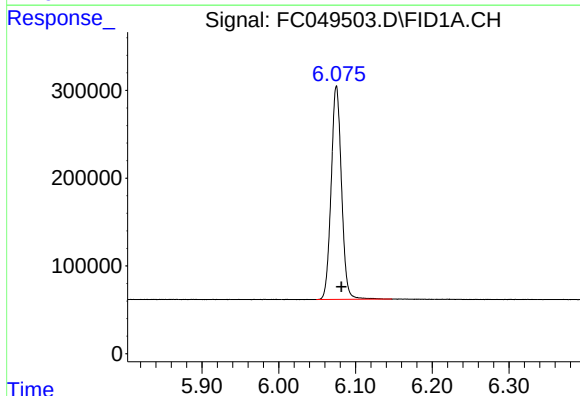
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: -0.005 min
Response: 2048563
Conc: 19.80 ug/ml



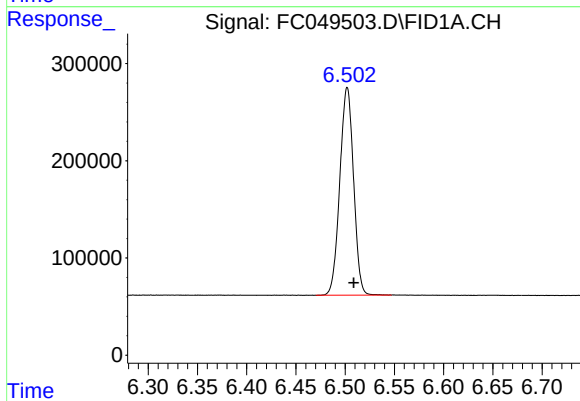
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.005 min
Response: 2059124
Conc: 19.82 ug/ml



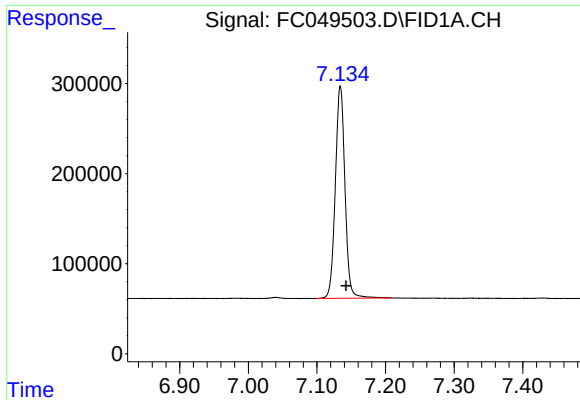
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.007 min
Response: 2281628
Conc: 19.84 ug/ml



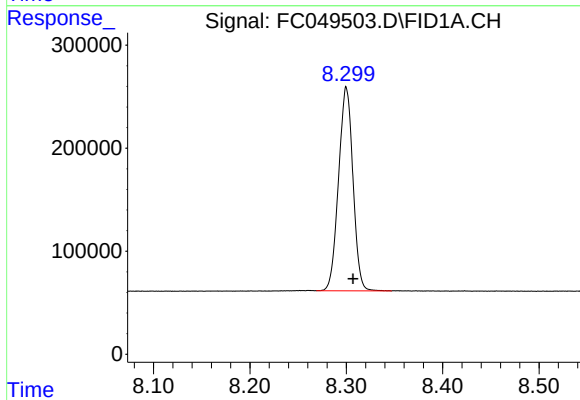
#4 n-Dodecane (C12)

R.T.: 6.502 min
Delta R.T.: -0.007 min
Response: 2076019
Conc: 19.64 ug/ml



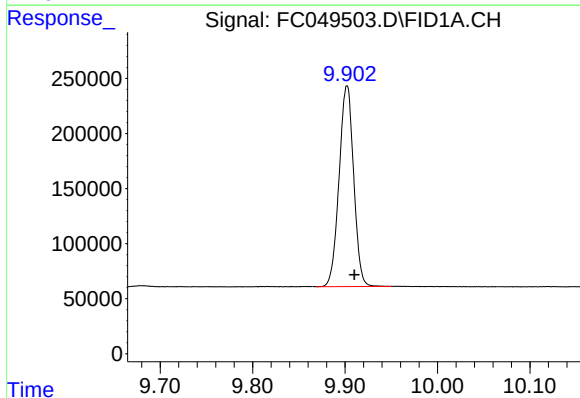
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.008 min
Response: 2299057
Conc: 19.66 ug/ml



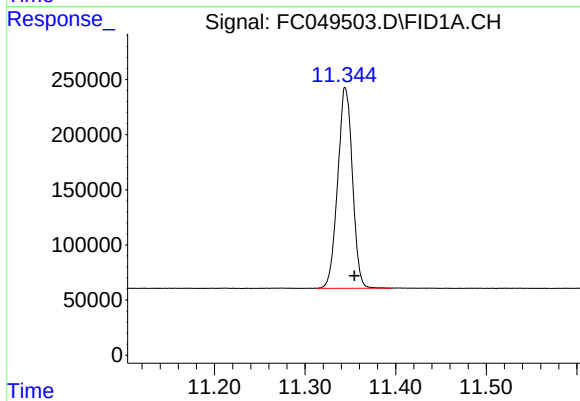
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: -0.007 min
Response: 2048468
Conc: 19.42 ug/ml



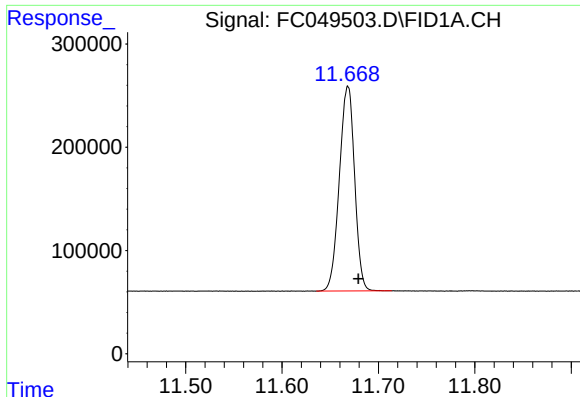
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: -0.008 min
Response: 1999228
Conc: 19.21 ug/ml



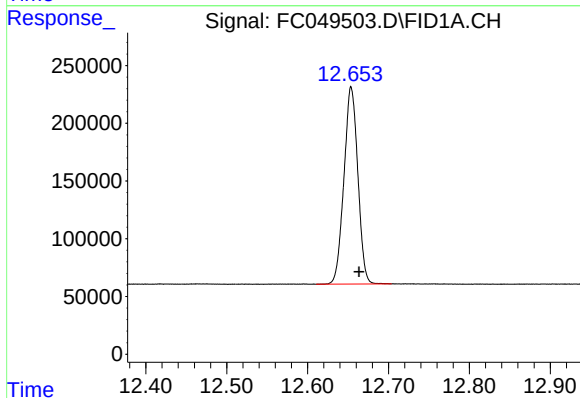
#8 n-Octadecane (C18)

R.T.: 11.344 min
Delta R.T.: -0.010 min
Response: 2056395
Conc: 19.13 ug/ml



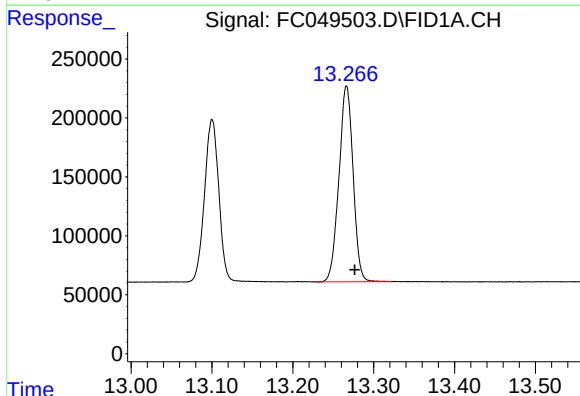
#9 ortho-Terphenyl (SURR)

R.T.: 11.668 min
Delta R.T.: -0.011 min
Response: 2176216
Conc: 18.94 ug/ml



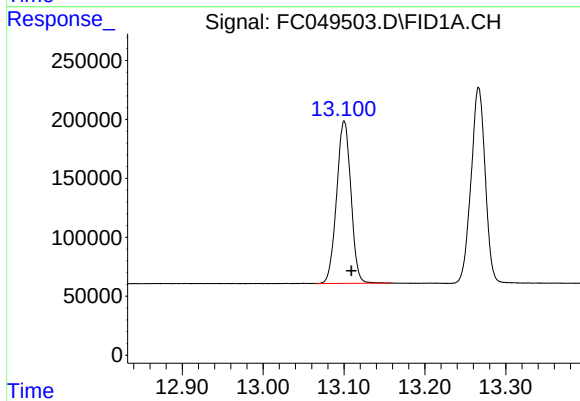
#10 n-Eicosane (C20)

R.T.: 12.654 min
Delta R.T.: -0.010 min
Response: 2036536
Conc: 19.02 ug/ml



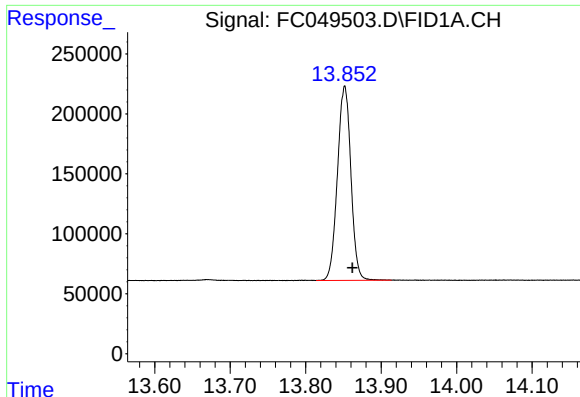
#11 n-Heneicosane (C21)

R.T.: 13.266 min
Delta R.T.: -0.010 min
Response: 2022315
Conc: 19.00 ug/ml



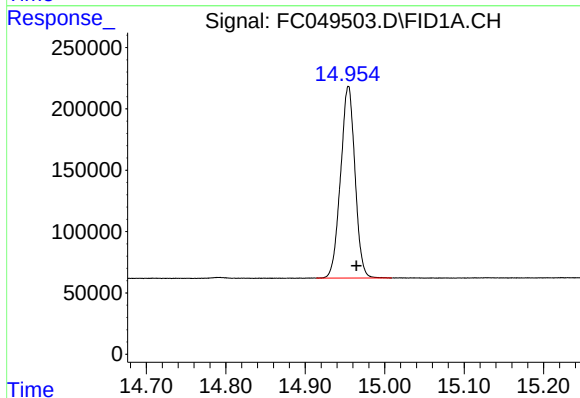
#12 1-chlorooctadecane (SURR)

R.T.: 13.100 min
Delta R.T.: -0.009 min
Response: 1689985
Conc: 18.97 ug/ml



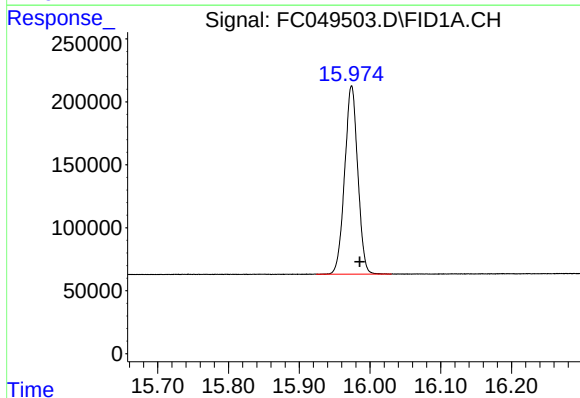
#13 n-Docosane (C22)

R.T.: 13.852 min
Delta R.T.: -0.010 min
Response: 2008529
Conc: 18.98 ug/ml



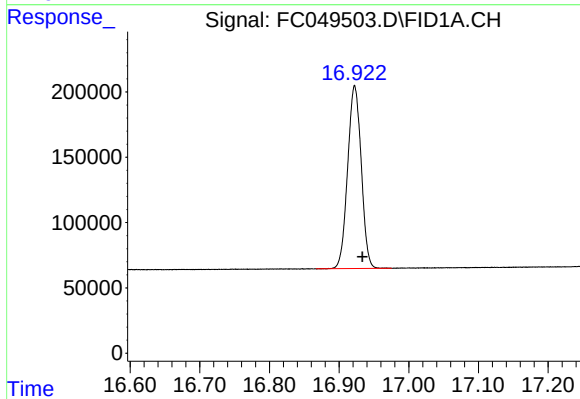
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: -0.010 min
Response: 1973545
Conc: 18.86 ug/ml



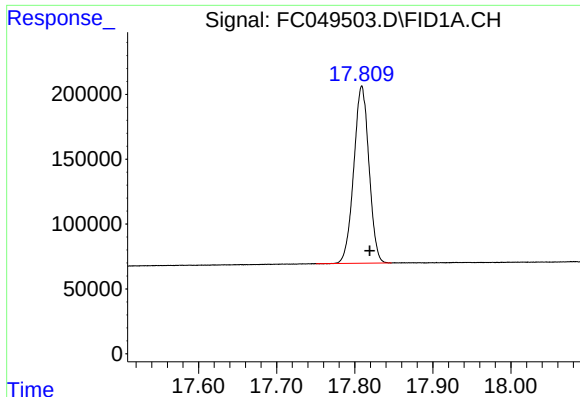
#15 n-Hexacosane (C26)

R.T.: 15.974 min
Delta R.T.: -0.012 min
Response: 1924024
Conc: 18.82 ug/ml



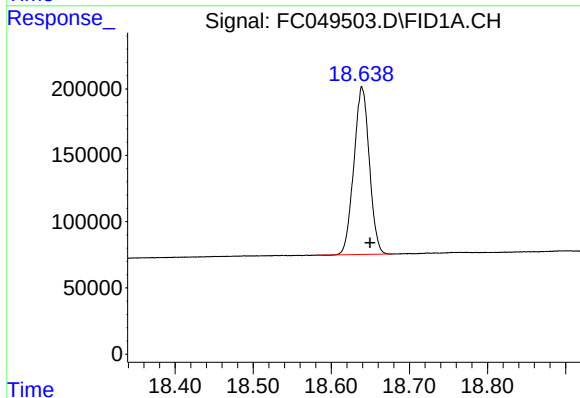
#16 n-Octacosane (C28)

R.T.: 16.922 min
Delta R.T.: -0.011 min
Response: 1893466
Conc: 18.84 ug/ml



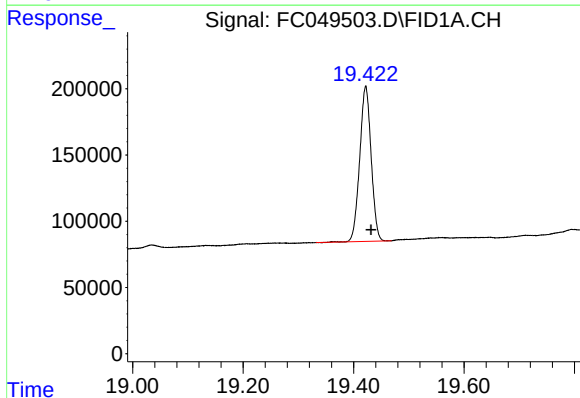
#17 n-Tricontane (C30)

R.T.: 17.809 min
Delta R.T.: -0.011 min
Response: 1849776
Conc: 19.00 ug/ml



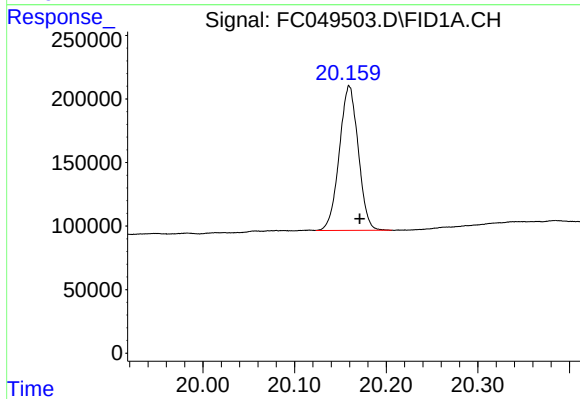
#18 n-Dotriacontane (C32)

R.T.: 18.639 min
Delta R.T.: -0.011 min
Response: 1737775
Conc: 19.23 ug/ml



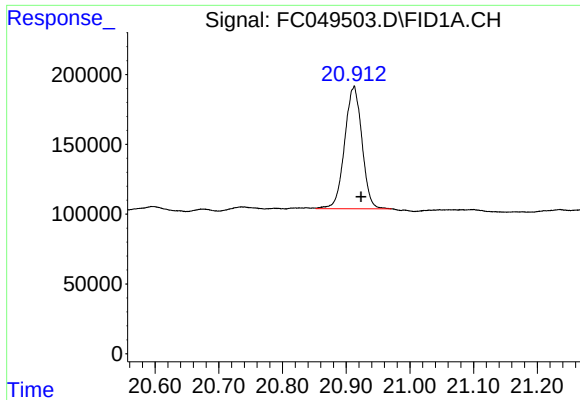
#19 n-Tetratriacontane (C34)

R.T.: 19.422 min
Delta R.T.: -0.010 min
Response: 1684093
Conc: 19.67 ug/ml



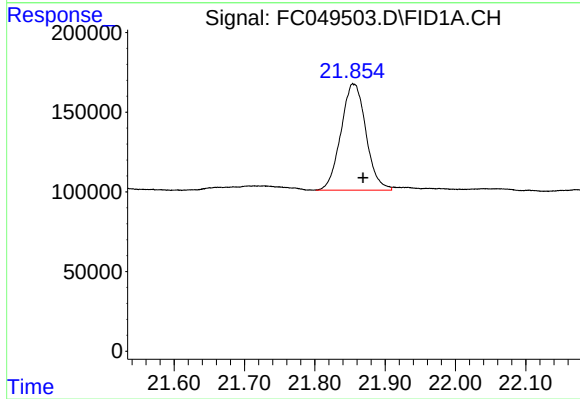
#20 n-Hexatriacontane (C36)

R.T.: 20.159 min
Delta R.T.: -0.012 min
Response: 1633483
Conc: 20.28 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: -0.011 min
Response: 1652195
Conc: 21.82 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.854 min
Delta R.T.: -0.015 min
Response: 1648066
Conc: 21.18 ug/ml m