

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092319AL\
 Data File : FC043605.D
 Signal(s) : FID1A.CH
 Acq On : 24 Sep 2019 11:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 24 11:52:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 091619.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 16 12:41:51 2019
 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)	11.608	2505735	17.554 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
12) S 1-chlorooctadecane (S...	13.029	1877113	16.952 ug/ml
Spiked Amount 50.000		Recovery =	33.90%
Target Compounds			
1) T n-Nonane (C9)	3.442	2411904	20.670 ug/ml
2) T n-Decane (C10)	4.498	2442143	20.964 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2412788	20.626 ug/ml
4) T n-Dodecane (C12)	6.493	2495362	20.470 ug/ml
5) T A~2-methylnaphthalene...	7.126	2417363	20.447 ug/ml
6) T n-Tetradecane (C14)	8.270	2461961	19.945 ug/ml
7) T n-Hexadecane (C16)	9.856	2421351	19.308 ug/ml
8) T n-Octadecane (C18)	11.286	2363005	18.327 ug/ml
10) T n-Eicosane (C20)	12.586	2288055	17.474 ug/ml
11) T n-Heneicosane (C21)	13.194	2262744	17.081 ug/ml
13) T n-Docosane (C22)	13.777	2213541	16.866 ug/ml
14) T n-Tetracosane (C24)	14.874	2155420	16.412 ug/ml
15) T n-Hexacosane (C26)	15.888	2112877	16.393 ug/ml
16) T n-Octacosane (C28)	16.833	2093027	16.631 ug/ml
17) T n-Tricontane (C30)	17.717	2110087	17.186 ug/ml
18) T n-Dotriacontane (C32)	18.546	2109177	18.302 ug/mlm
19) T n-Tetratriacontane (C34)	19.327	2101050	19.547 ug/mlm
20) T n-Hexatriacontane (C36)	20.064	2076698	21.077 ug/mlm
21) T n-Octatriacontane (C38)	20.793	2131243	23.164 ug/mlm
22) T n-Tetracontane (C40)	21.692	2068603	22.059 ug/mlm

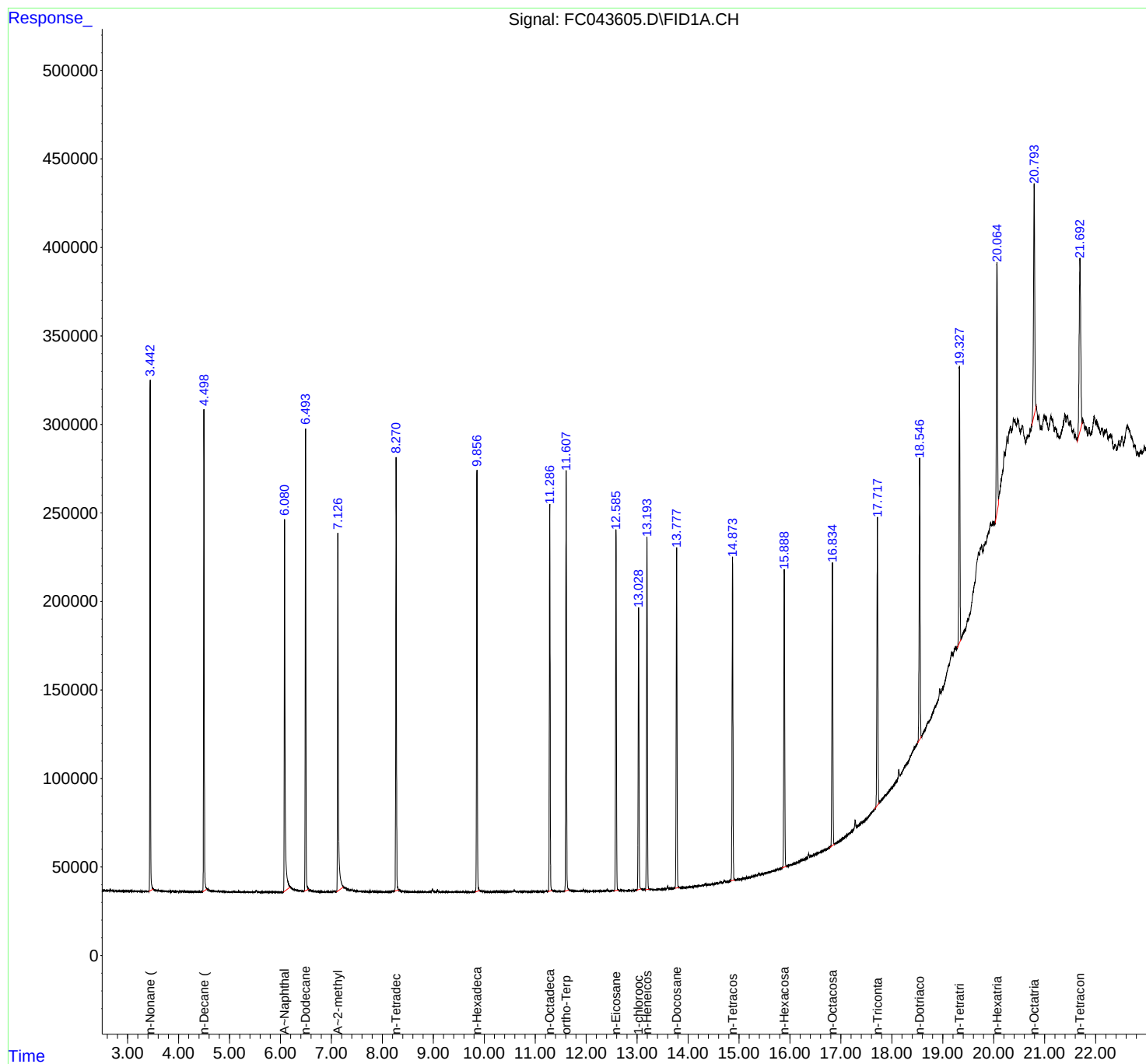
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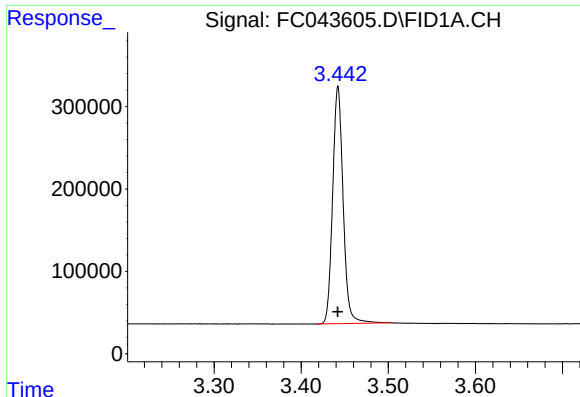
(m)=manual int.

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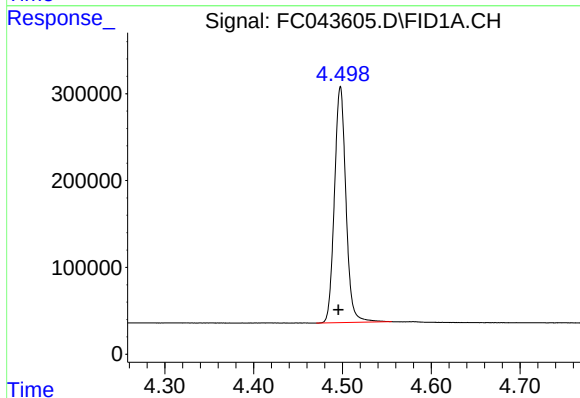
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Signal Info : 20M x 0.18mm x 0.18um





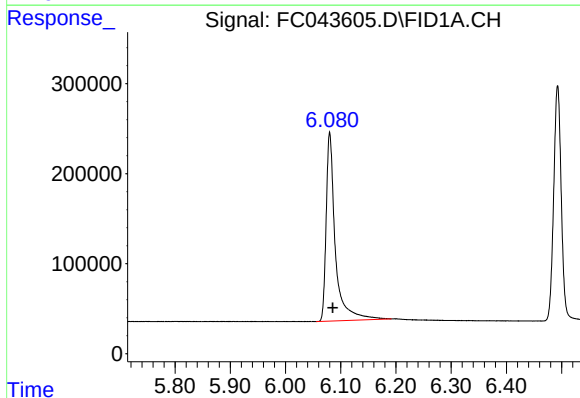
#1 n-Nonane (C9)

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 2411904
Conc: 20.67 ug/ml



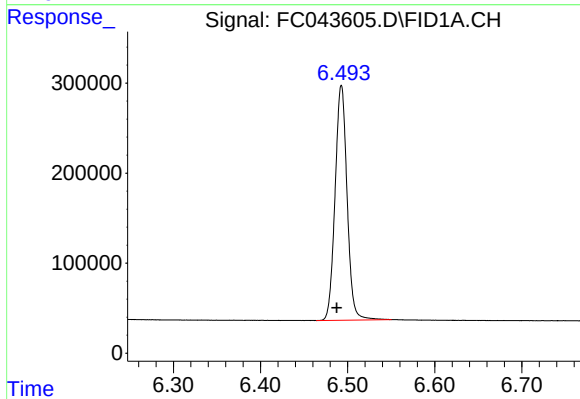
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: 0.002 min
Response: 2442143
Conc: 20.96 ug/ml



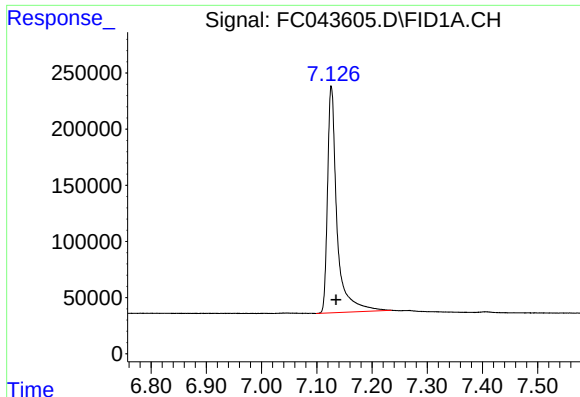
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.005 min
Response: 2412788
Conc: 20.63 ug/ml



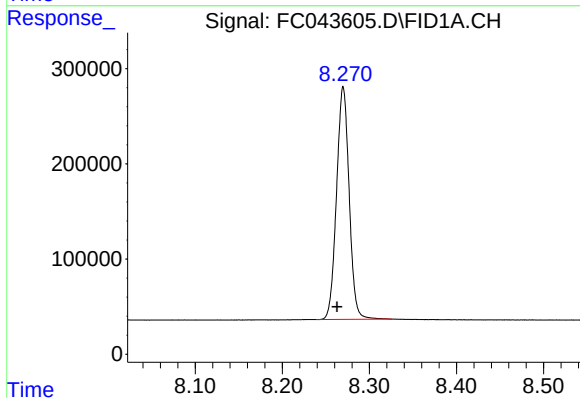
#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: 0.005 min
Response: 2495362
Conc: 20.47 ug/ml



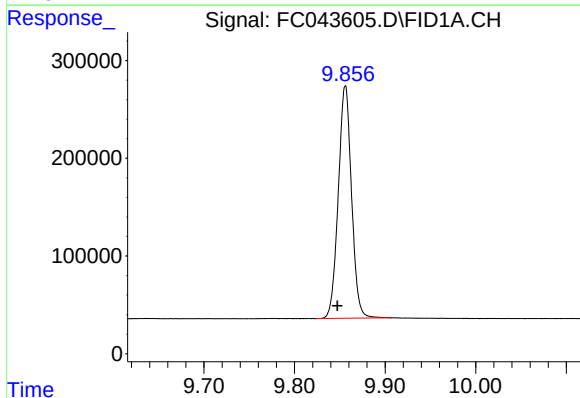
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: -0.008 min
Response: 2417363
Conc: 20.45 ug/ml



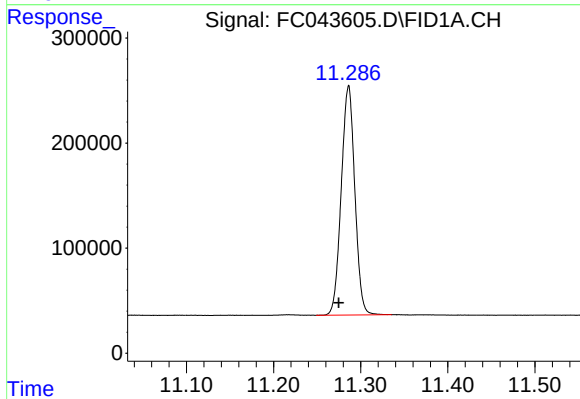
#6 n-Tetradecane (C14)

R.T.: 8.270 min
Delta R.T.: 0.007 min
Response: 2461961
Conc: 19.94 ug/ml



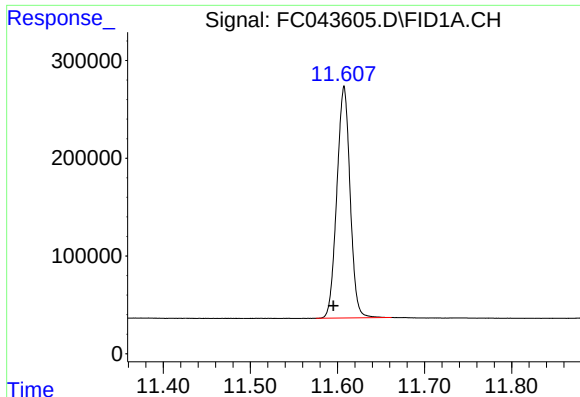
#7 n-Hexadecane (C16)

R.T.: 9.856 min
Delta R.T.: 0.009 min
Response: 2421351
Conc: 19.31 ug/ml



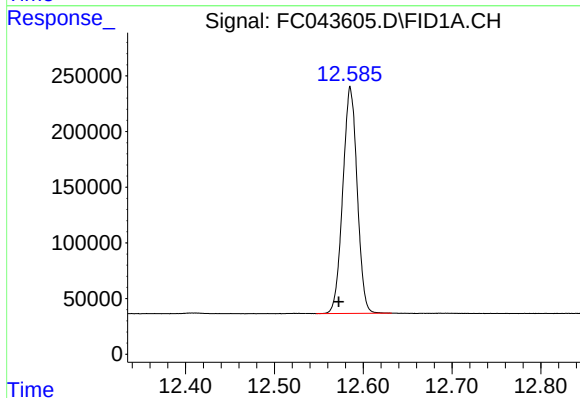
#8 n-Octadecane (C18)

R.T.: 11.286 min
Delta R.T.: 0.011 min
Response: 2363005
Conc: 18.33 ug/ml



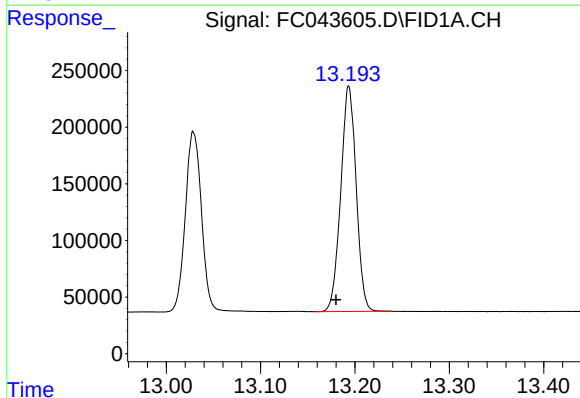
#9 ortho-Terphenyl (SURR)

R.T.: 11.608 min
Delta R.T.: 0.012 min
Response: 2505735
Conc: 17.55 ug/ml



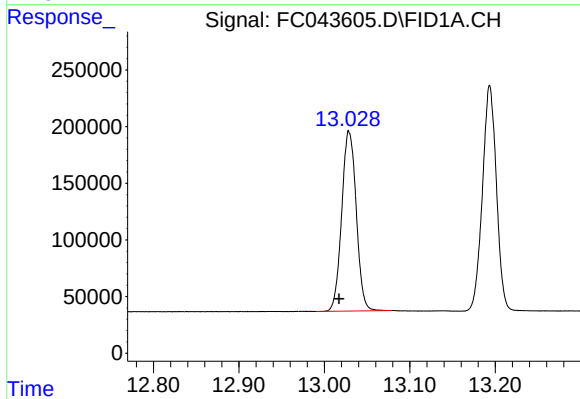
#10 n-Eicosane (C20)

R.T.: 12.586 min
Delta R.T.: 0.013 min
Response: 2288055
Conc: 17.47 ug/ml



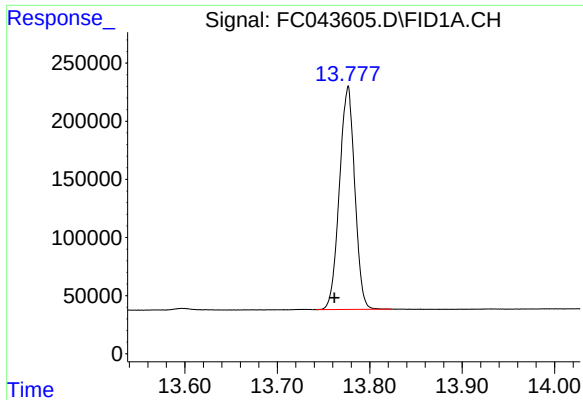
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: 0.013 min
Response: 2262744
Conc: 17.08 ug/ml



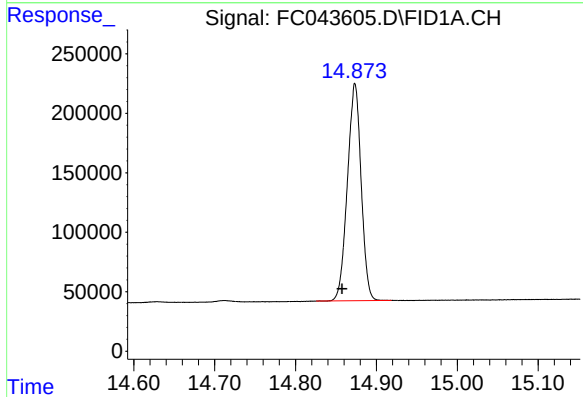
#12 1-chlorooctadecane (SURR)

R.T.: 13.029 min
Delta R.T.: 0.012 min
Response: 1877113
Conc: 16.95 ug/ml



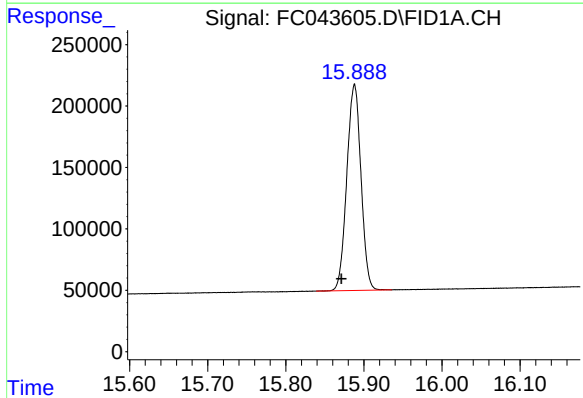
#13 n-Docosane (C22)

R.T.: 13.777 min
Delta R.T.: 0.015 min
Response: 2213541
Conc: 16.87 ug/ml



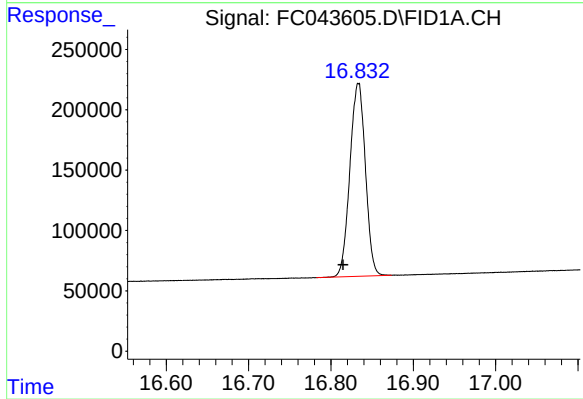
#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: 0.016 min
Response: 2155420
Conc: 16.41 ug/ml



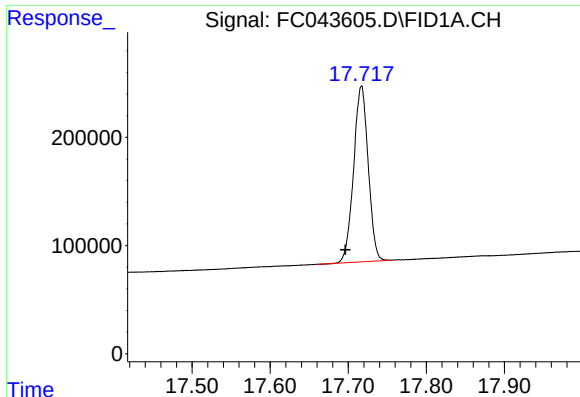
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.017 min
Response: 2112877
Conc: 16.39 ug/ml



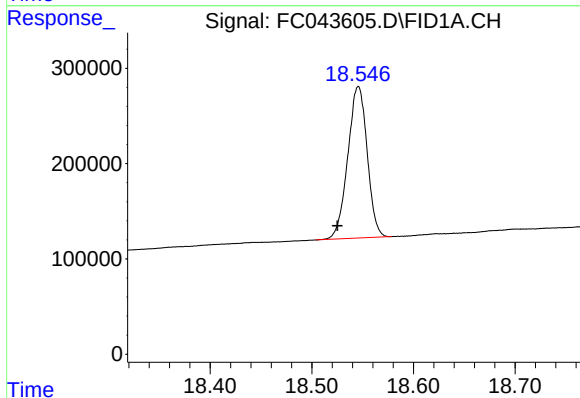
#16 n-Octacosane (C28)

R.T.: 16.833 min
Delta R.T.: 0.019 min
Response: 2093027
Conc: 16.63 ug/ml



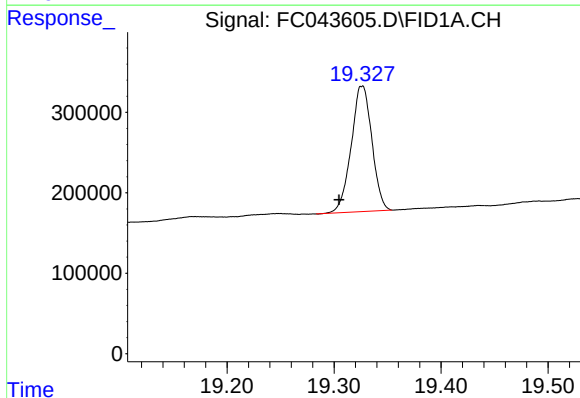
#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: 0.020 min
Response: 2110087
Conc: 17.19 ug/ml



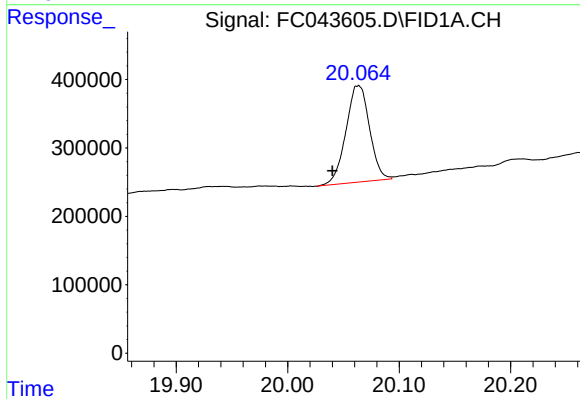
#18 n-Dotriacontane (C32)

R.T.: 18.546 min
Delta R.T.: 0.021 min
Response: 2109177
Conc: 18.30 ug/ml m



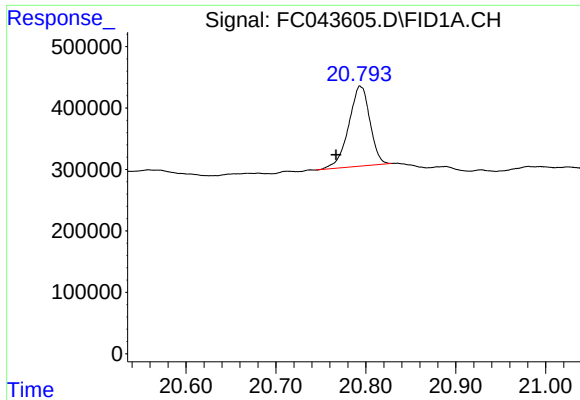
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: 0.022 min
Response: 2101050
Conc: 19.55 ug/ml m



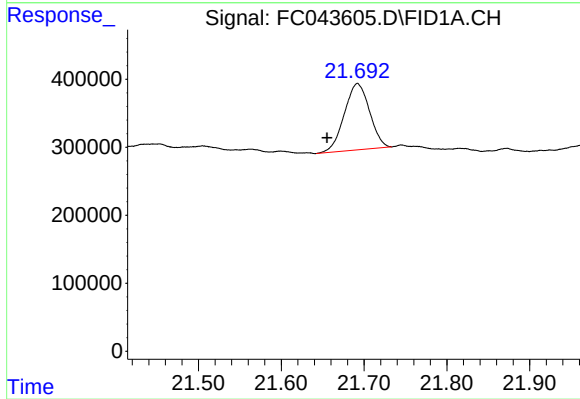
#20 n-Hexatriacontane (C36)

R.T.: 20.064 min
Delta R.T.: 0.023 min
Response: 2076698
Conc: 21.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.793 min
Delta R.T.: 0.026 min
Response: 2131243
Conc: 23.16 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.692 min
Delta R.T.: 0.037 min
Response: 2068603
Conc: 22.06 ug/ml m