

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091919AL\
 Data File : FC043579.D
 Signal(s) : FID1A.CH
 Acq On : 19 Sep 2019 10:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 15:22:59 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)	11.587	2602319	18.231 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
12) S 1-chlorooctadecane (S...	13.008	1977772	17.861 ug/ml
Spiked Amount 50.000		Recovery =	35.72%
Target Compounds			
1) T n-Nonane (C9)	3.434	2296455	19.681 ug/ml
2) T n-Decane (C10)	4.487	2310334	19.832 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2300238	19.664 ug/ml
4) T n-Dodecane (C12)	6.480	2402359	19.707 ug/ml
5) T A~2-methylnaphthalene...	7.111	2325098	19.666 ug/ml
6) T n-Tetradecane (C14)	8.255	2419995	19.605 ug/ml
7) T n-Hexadecane (C16)	9.840	2417179	19.275 ug/ml
8) T n-Octadecane (C18)	11.268	2423293	18.795 ug/ml
10) T n-Eicosane (C20)	12.565	2378471	18.164 ug/ml
11) T n-Heneicosane (C21)	13.172	2371072	17.899 ug/ml
13) T n-Docosane (C22)	13.755	2319318	17.672 ug/ml
14) T n-Tetracosane (C24)	14.849	2242756	17.077 ug/ml
15) T n-Hexacosane (C26)	15.863	2145720	16.648 ug/ml
16) T n-Octacosane (C28)	16.806	2055205	16.331 ug/ml
17) T n-Tricontane (C30)	17.688	1999367	16.284 ug/ml
18) T n-Dotriacontane (C32)	18.517	1907716	16.554 ug/ml
19) T n-Tetratriacontane (C34)	19.295	1878931	17.481 ug/ml
20) T n-Hexatriacontane (C36)	20.032	1842267	18.698 ug/ml
21) T n-Octatriacontane (C38)	20.755	1806272	19.632 ug/ml
22) T n-Tetracontane (C40)	21.636	1899981	20.261 ug/ml

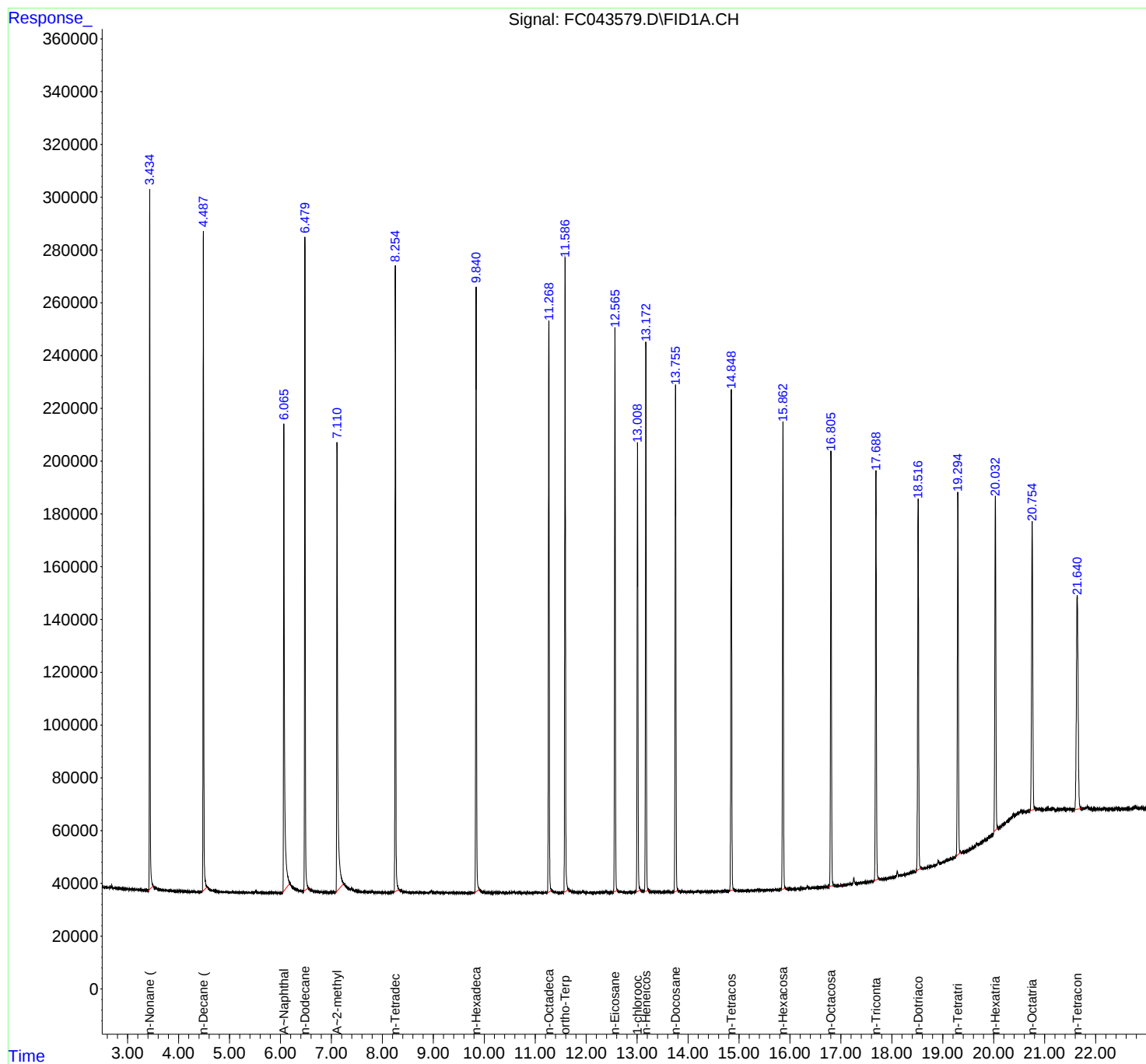
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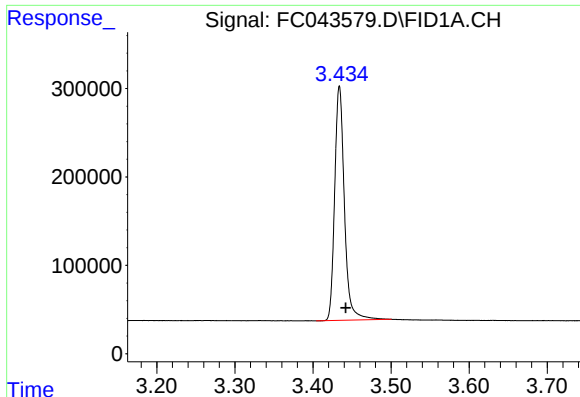
(m)=manual int.

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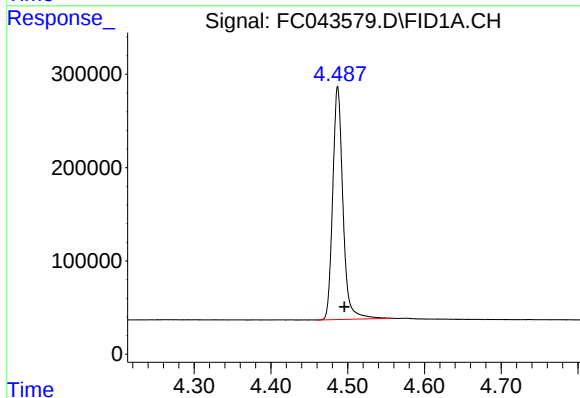
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





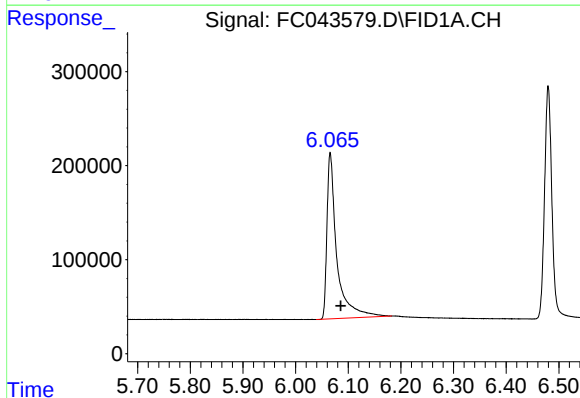
#1 n-Nonane (C9)

R.T.: 3.434 min
Delta R.T.: -0.008 min
Response: 2296455
Conc: 19.68 ug/ml



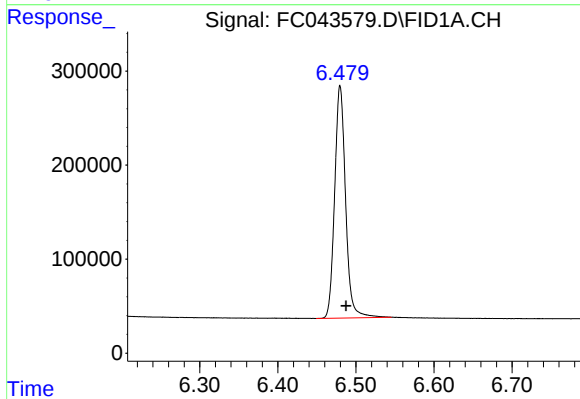
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.008 min
Response: 2310334
Conc: 19.83 ug/ml



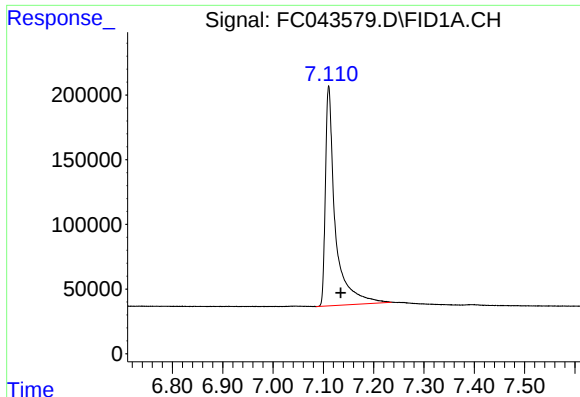
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: -0.020 min
Response: 2300238
Conc: 19.66 ug/ml



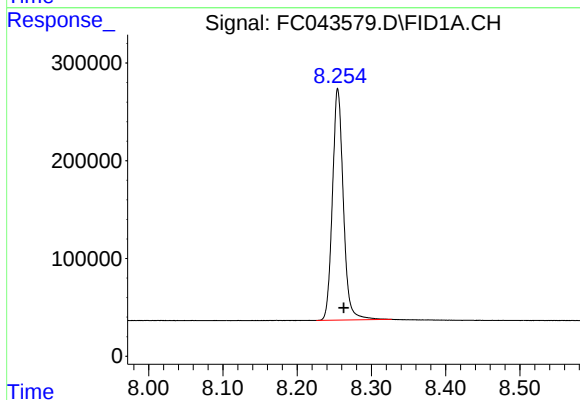
#4 n-Dodecane (C12)

R.T.: 6.480 min
Delta R.T.: -0.008 min
Response: 2402359
Conc: 19.71 ug/ml



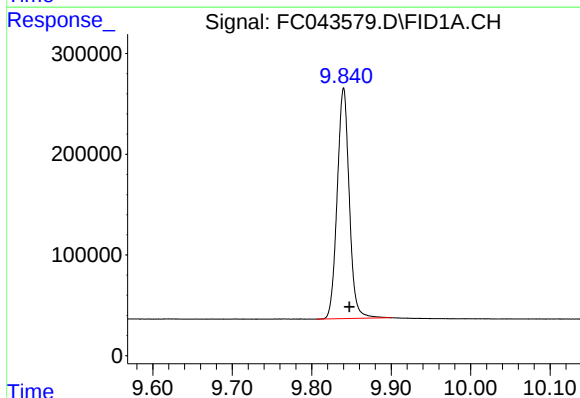
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.111 min
Delta R.T.: -0.024 min
Response: 2325098
Conc: 19.67 ug/ml



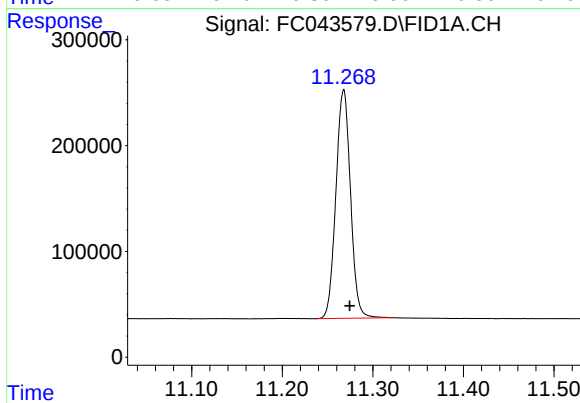
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.008 min
Response: 2419995
Conc: 19.60 ug/ml



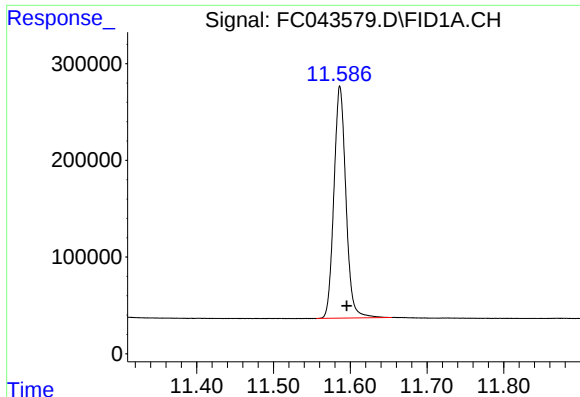
#7 n-Hexadecane (C16)

R.T.: 9.840 min
Delta R.T.: -0.007 min
Response: 2417179
Conc: 19.27 ug/ml



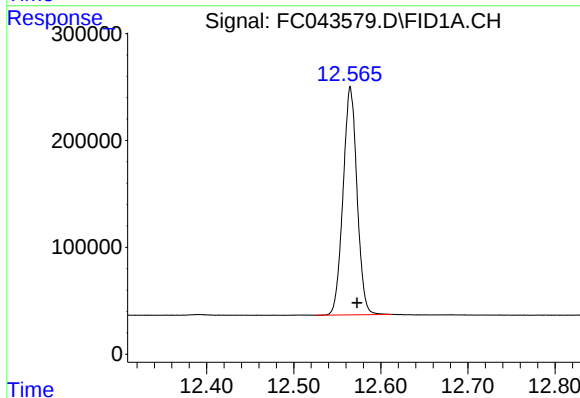
#8 n-Octadecane (C18)

R.T.: 11.268 min
Delta R.T.: -0.007 min
Response: 2423293
Conc: 18.79 ug/ml



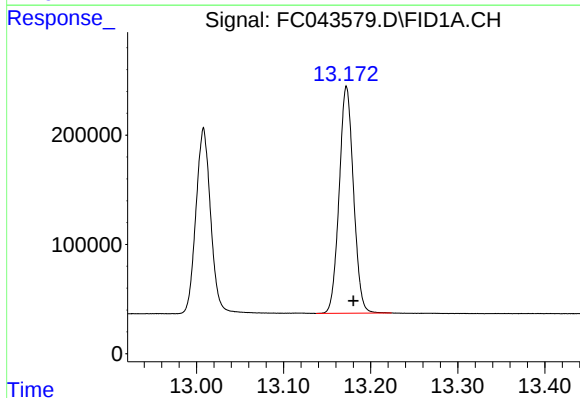
#9 ortho-Terphenyl (SURR)

R.T.: 11.587 min
Delta R.T.: -0.009 min
Response: 2602319
Conc: 18.23 ug/ml



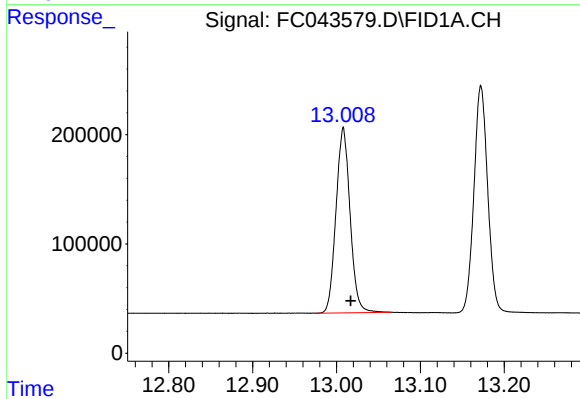
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: -0.008 min
Response: 2378471
Conc: 18.16 ug/ml



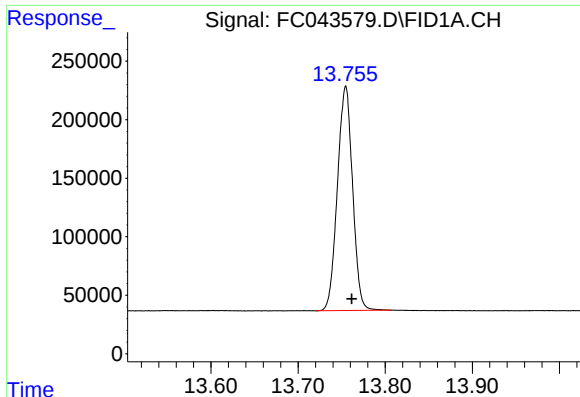
#11 n-Heneicosane (C21)

R.T.: 13.172 min
Delta R.T.: -0.008 min
Response: 2371072
Conc: 17.90 ug/ml



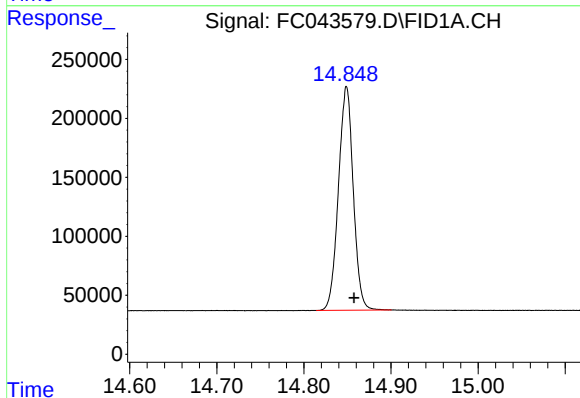
#12 1-chlorooctadecane (SURR)

R.T.: 13.008 min
Delta R.T.: -0.009 min
Response: 1977772
Conc: 17.86 ug/ml



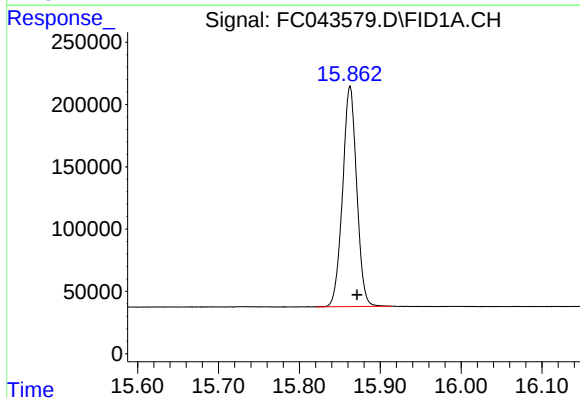
#13 n-Docosane (C22)

R.T.: 13.755 min
Delta R.T.: -0.007 min
Response: 2319318
Conc: 17.67 ug/ml



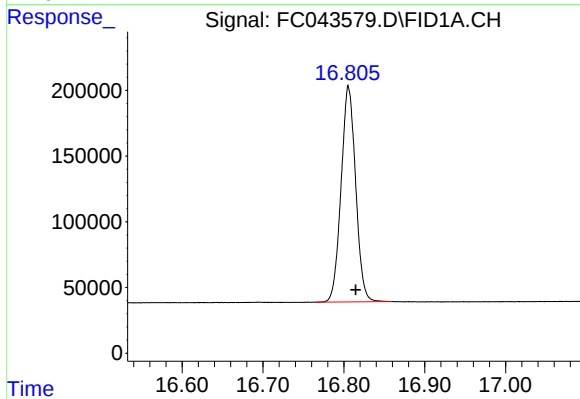
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.009 min
Response: 2242756
Conc: 17.08 ug/ml



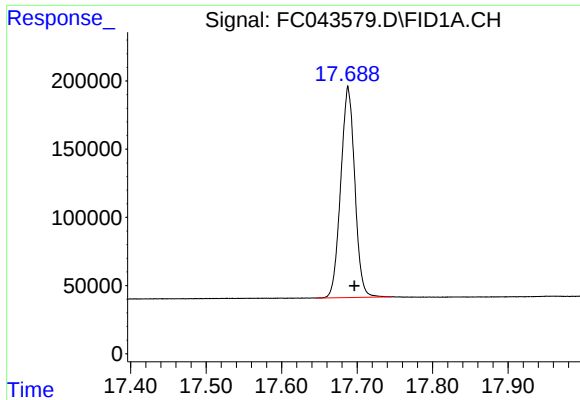
#15 n-Hexacosane (C26)

R.T.: 15.863 min
Delta R.T.: -0.009 min
Response: 2145720
Conc: 16.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.806 min
Delta R.T.: -0.009 min
Response: 2055205
Conc: 16.33 ug/ml



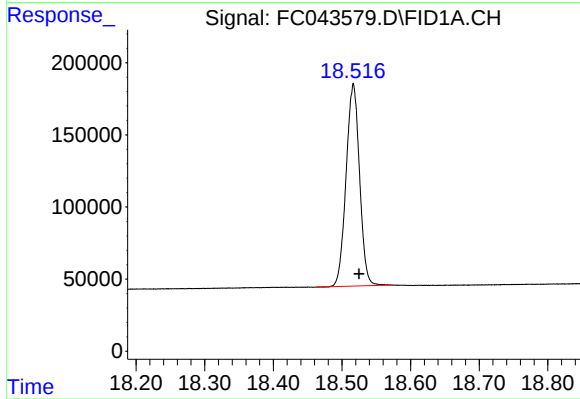
#17 n-Tricontane (C30)

R.T.: 17.688 min

Delta R.T.: -0.009 min

Response: 1999367

Conc: 16.28 ug/ml



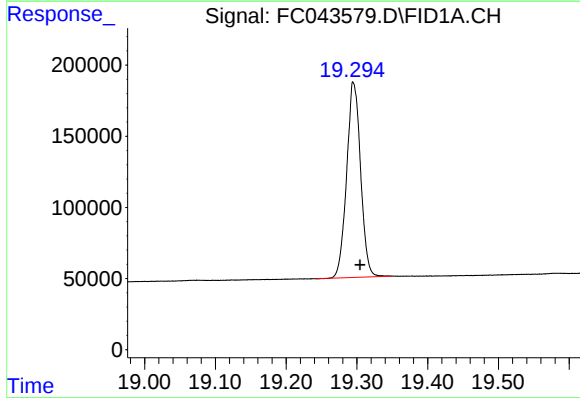
#18 n-Dotriacontane (C32)

R.T.: 18.517 min

Delta R.T.: -0.008 min

Response: 1907716

Conc: 16.55 ug/ml



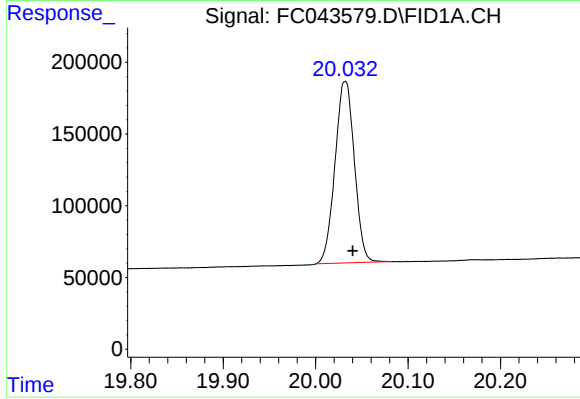
#19 n-Tetratriacontane (C34)

R.T.: 19.295 min

Delta R.T.: -0.009 min

Response: 1878931

Conc: 17.48 ug/ml



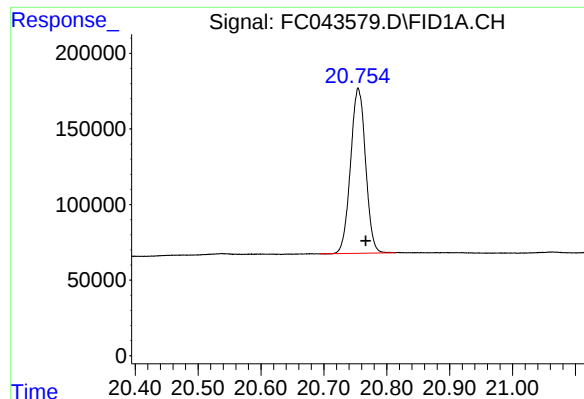
#20 n-Hexatriacontane (C36)

R.T.: 20.032 min

Delta R.T.: -0.008 min

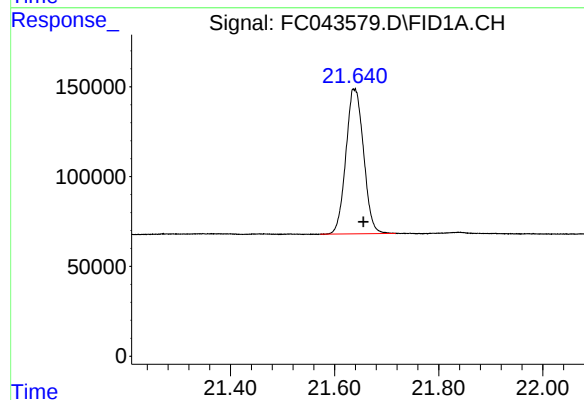
Response: 1842267

Conc: 18.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.755 min
Delta R.T.: -0.012 min
Response: 1806272
Conc: 19.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.636 min
Delta R.T.: -0.019 min
Response: 1899981
Conc: 20.26 ug/ml