

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091919AL\
 Data File : FC043589.D
 Signal(s) : FID1A.CH
 Acq On : 19 Sep 2019 20:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 20 02:58:53 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	2660135	18.636 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
12) S 1-chlorooctadecane (S...	13.008	2027746	18.312 ug/ml
Spiked Amount 50.000		Recovery =	36.62%
Target Compounds			
1) T n-Nonane (C9)	3.436	2328231	19.953 ug/ml
2) T n-Decane (C10)	4.489	2339948	20.086 ug/ml
3) T A~Naphthalene (C11.7)	6.067	2354814	20.131 ug/ml
4) T n-Dodecane (C12)	6.481	2438438	20.003 ug/ml
5) T A~2-methylnaphthalene...	7.112	2358680	19.950 ug/ml
6) T n-Tetradecane (C14)	8.255	2455443	19.892 ug/ml
7) T n-Hexadecane (C16)	9.839	2460086	19.617 ug/ml
8) T n-Octadecane (C18)	11.267	2476575	19.208 ug/ml
10) T n-Eicosane (C20)	12.566	2442909	18.657 ug/ml
11) T n-Heneicosane (C21)	13.173	2434812	18.380 ug/ml
13) T n-Docosane (C22)	13.754	2386075	18.181 ug/ml
14) T n-Tetracosane (C24)	14.849	2315200	17.628 ug/ml
15) T n-Hexacosane (C26)	15.862	2216734	17.199 ug/ml
16) T n-Octacosane (C28)	16.806	2122521	16.865 ug/ml
17) T n-Tricontane (C30)	17.688	2056689	16.751 ug/ml
18) T n-Dotriacontane (C32)	18.516	1965842	17.059 ug/ml
19) T n-Tetratriacontane (C34)	19.295	1923958	17.900 ug/ml
20) T n-Hexatriacontane (C36)	20.031	1865981	18.938 ug/ml
21) T n-Octatriacontane (C38)	20.754	1847396	20.079 ug/ml
22) T n-Tetracontane (C40)	21.638	1931319	20.595 ug/ml

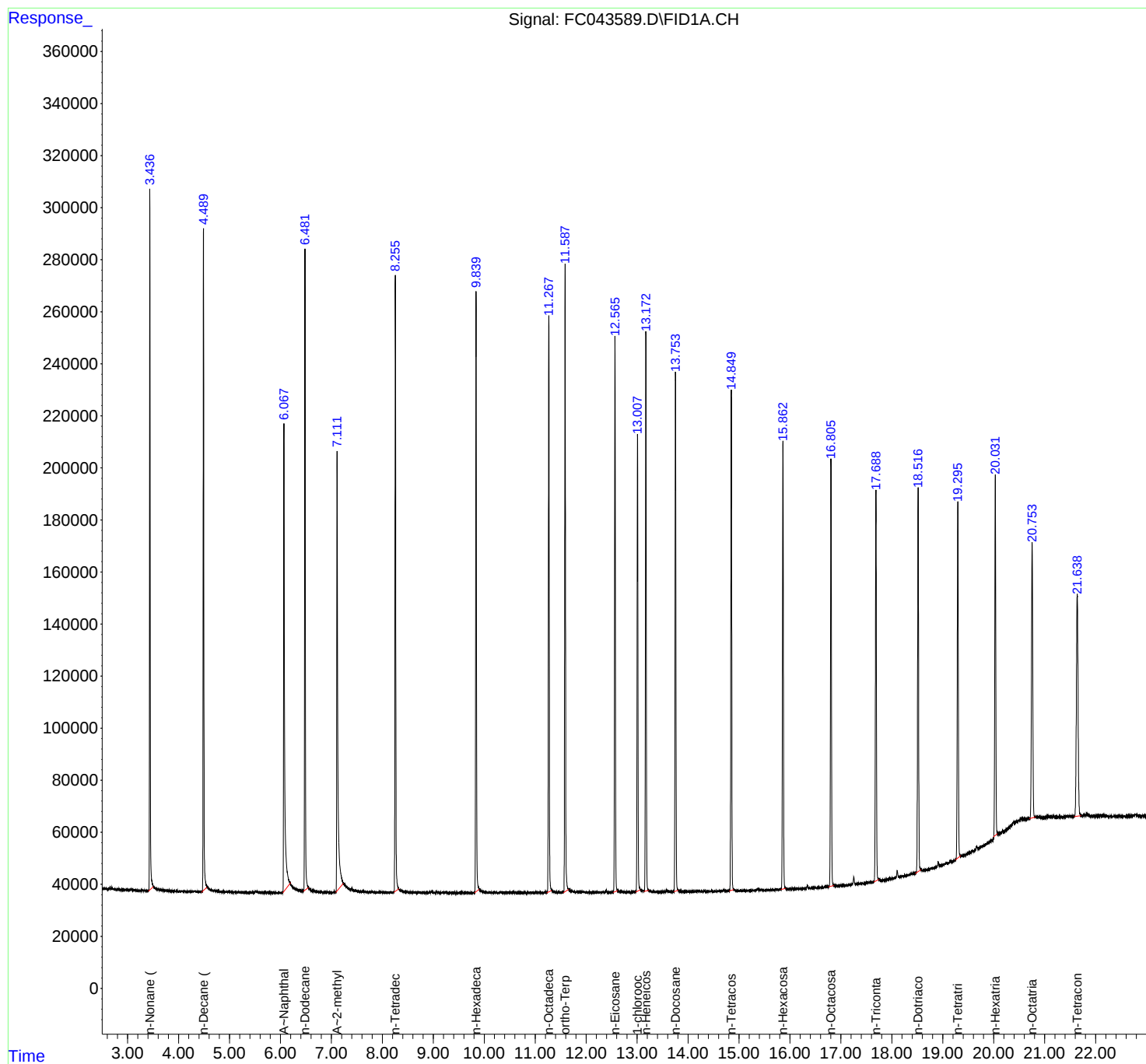
(f)=RT Delta > 1/2 Window

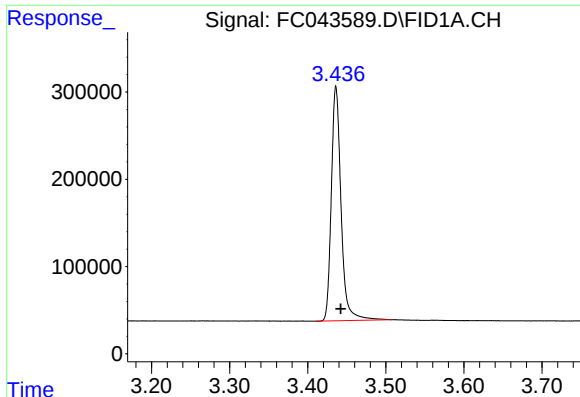
(m)=manual int.

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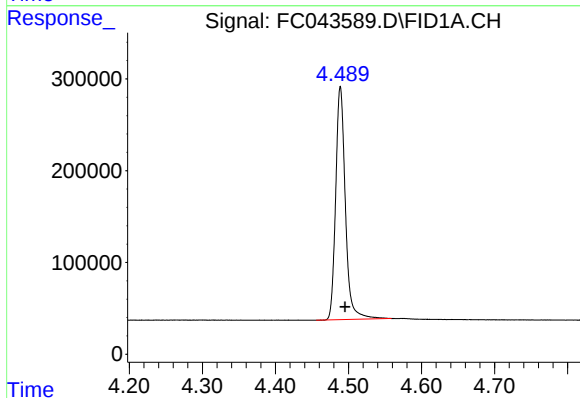
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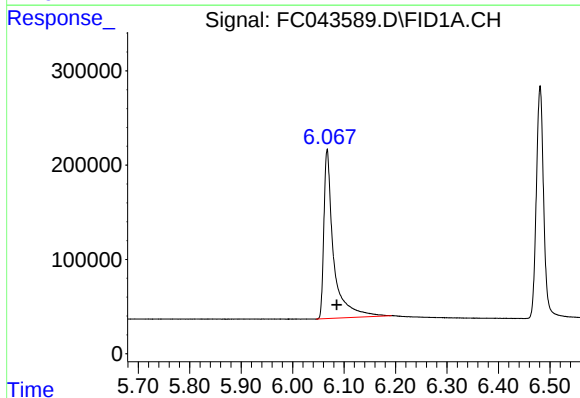
#1 n-Nonane (C9)

R.T.: 3.436 min
Delta R.T.: -0.006 min
Response: 2328231
Conc: 19.95 ug/ml



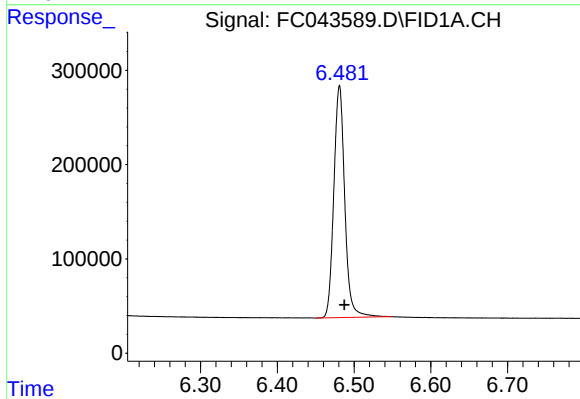
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.006 min
Response: 2339948
Conc: 20.09 ug/ml



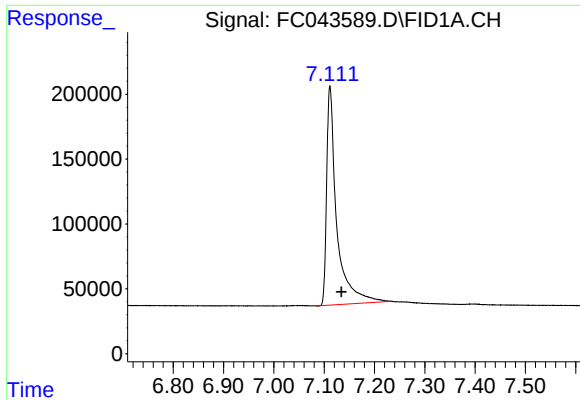
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: -0.018 min
Response: 2354814
Conc: 20.13 ug/ml



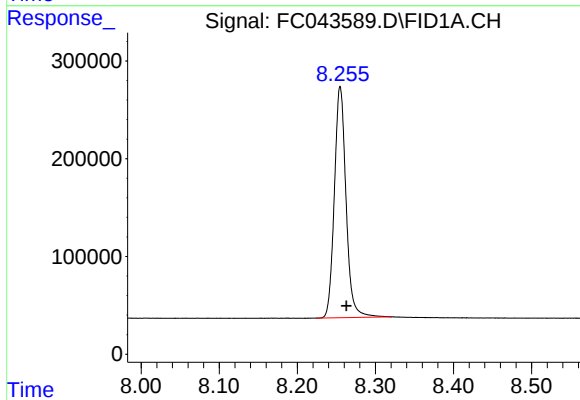
#4 n-Dodecane (C12)

R.T.: 6.481 min
Delta R.T.: -0.006 min
Response: 2438438
Conc: 20.00 ug/ml



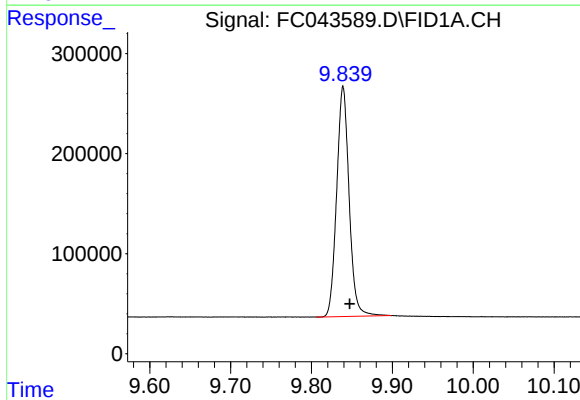
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.112 min
Delta R.T.: -0.023 min
Response: 2358680
Conc: 19.95 ug/ml



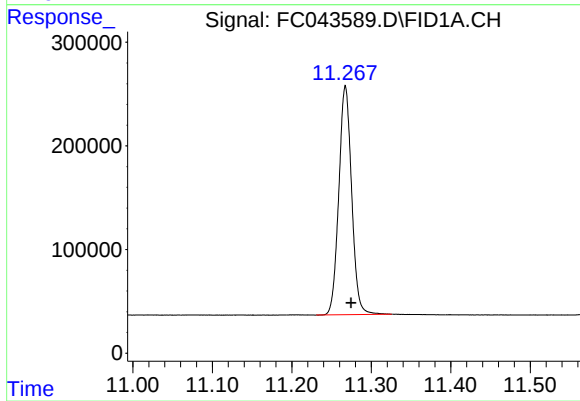
#6 n-Tetradecane (C14)

R.T.: 8.255 min
Delta R.T.: -0.008 min
Response: 2455443
Conc: 19.89 ug/ml



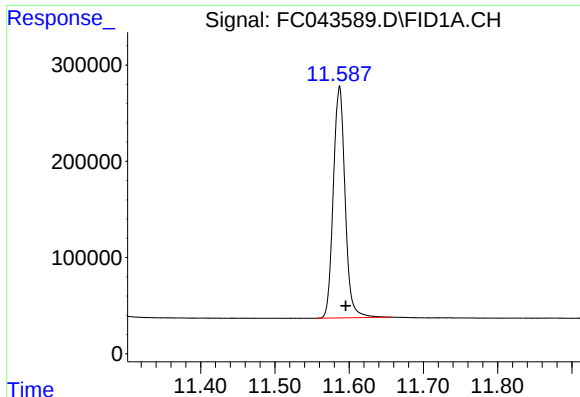
#7 n-Hexadecane (C16)

R.T.: 9.839 min
Delta R.T.: -0.008 min
Response: 2460086
Conc: 19.62 ug/ml



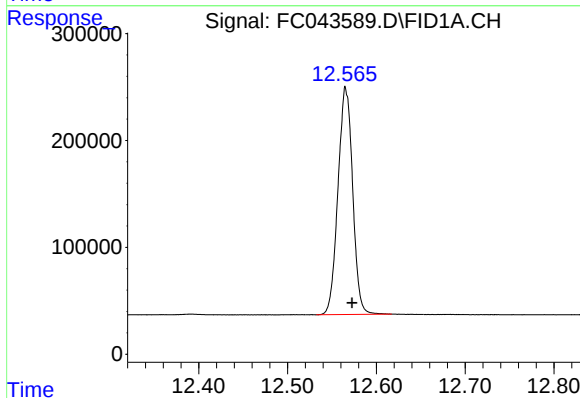
#8 n-Octadecane (C18)

R.T.: 11.267 min
Delta R.T.: -0.007 min
Response: 2476575
Conc: 19.21 ug/ml



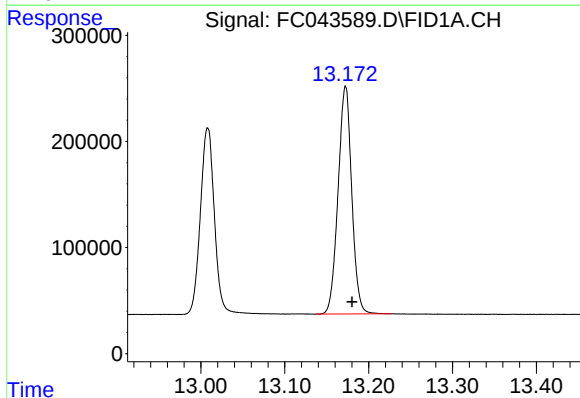
#9 ortho-Terphenyl (SURR)

R.T.: 11.587 min
Delta R.T.: -0.008 min
Response: 2660135
Conc: 18.64 ug/ml



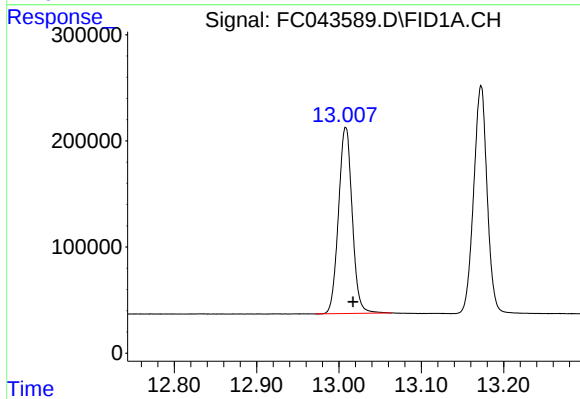
#10 n-Eicosane (C20)

R.T.: 12.566 min
Delta R.T.: -0.007 min
Response: 2442909
Conc: 18.66 ug/ml



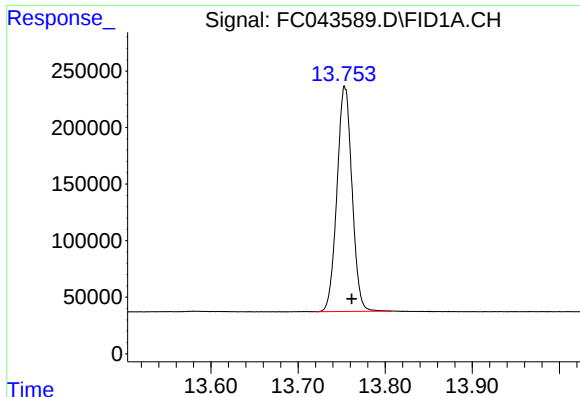
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: -0.008 min
Response: 2434812
Conc: 18.38 ug/ml



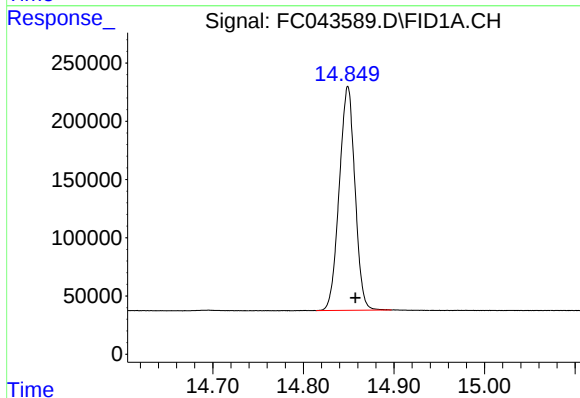
#12 1-chlorooctadecane (SURR)

R.T.: 13.008 min
Delta R.T.: -0.009 min
Response: 2027746
Conc: 18.31 ug/ml



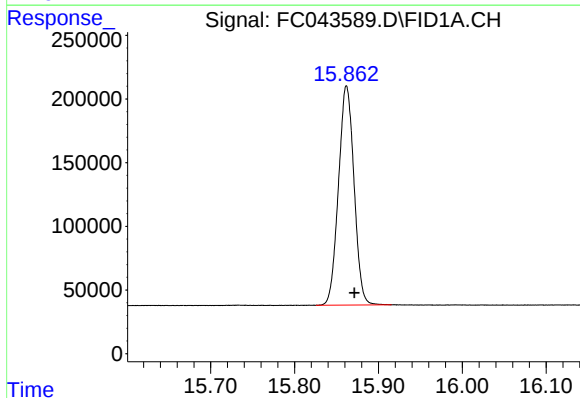
#13 n-Docosane (C22)

R.T.: 13.754 min
Delta R.T.: -0.008 min
Response: 2386075
Conc: 18.18 ug/ml



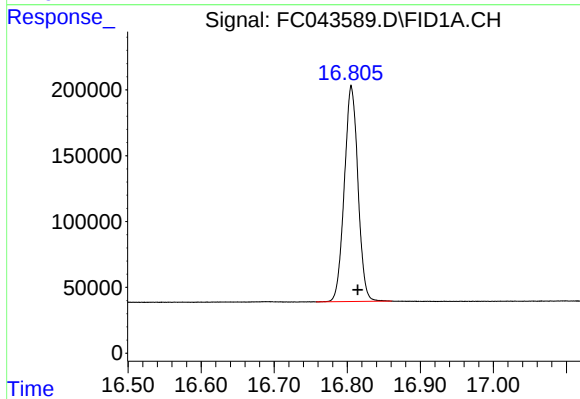
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.008 min
Response: 2315200
Conc: 17.63 ug/ml



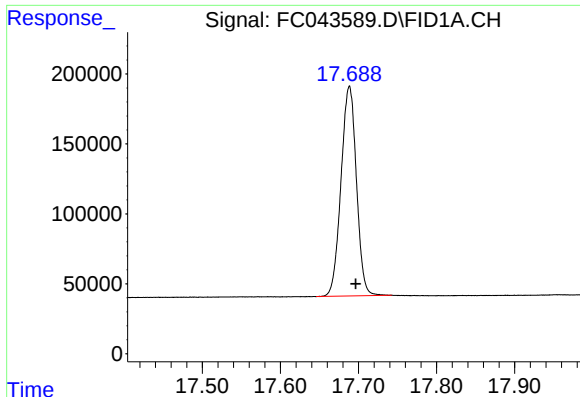
#15 n-Hexacosane (C26)

R.T.: 15.862 min
Delta R.T.: -0.009 min
Response: 2216734
Conc: 17.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.806 min
Delta R.T.: -0.009 min
Response: 2122521
Conc: 16.87 ug/ml



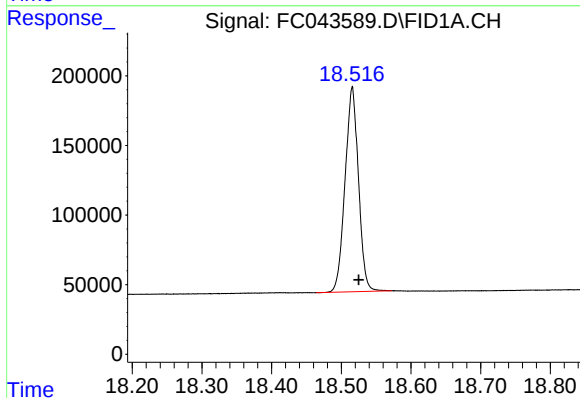
#17 n-Tricontane (C30)

R.T.: 17.688 min

Delta R.T.: -0.008 min

Response: 2056689

Conc: 16.75 ug/ml



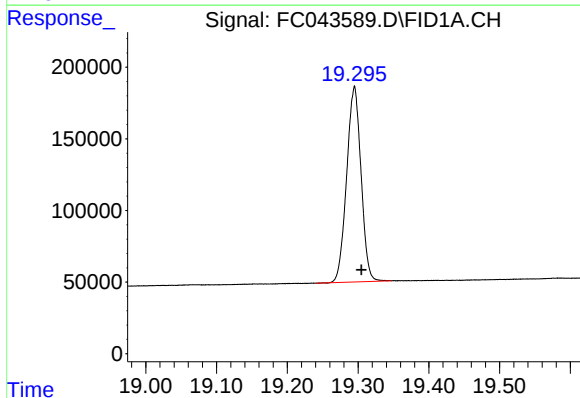
#18 n-Dotriacontane (C32)

R.T.: 18.516 min

Delta R.T.: -0.009 min

Response: 1965842

Conc: 17.06 ug/ml



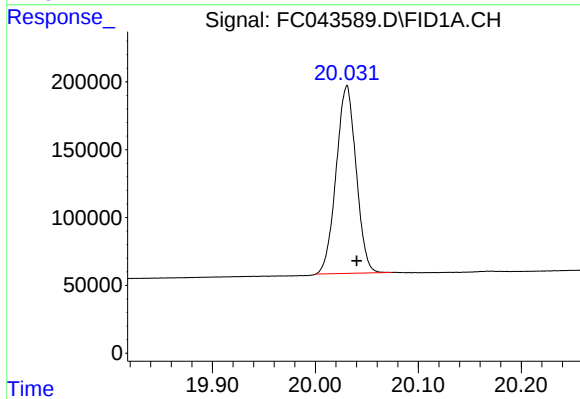
#19 n-Tetratriacontane (C34)

R.T.: 19.295 min

Delta R.T.: -0.010 min

Response: 1923958

Conc: 17.90 ug/ml



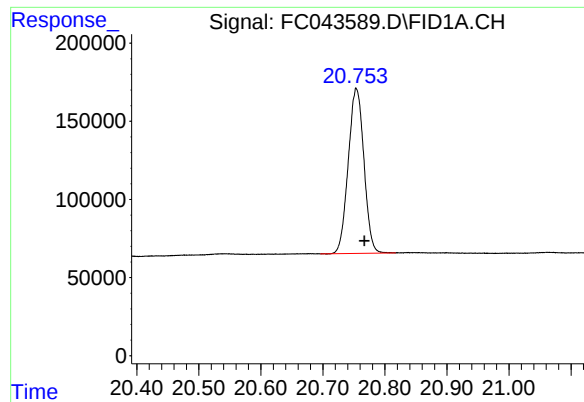
#20 n-Hexatriacontane (C36)

R.T.: 20.031 min

Delta R.T.: -0.010 min

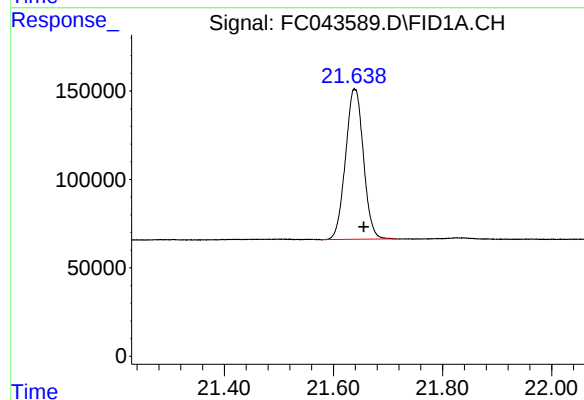
Response: 1865981

Conc: 18.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: -0.013 min
Response: 1847396
Conc: 20.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.638 min
Delta R.T.: -0.017 min
Response: 1931319
Conc: 20.59 ug/ml