

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC113020AL\
 Data File : FC051036.D
 Signal(s) : FID1A.CH
 Acq On : 01 Dec 2020 10:12
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 01 10:37:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.604	2409933	19.586 ug/ml
Spiked Amount 50.000		Recovery =	39.17%
12) S 1-chlorooctadecane (S...	13.038	1862142	19.089 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T n-Nonane (C9)	3.354	2339526	21.984 ug/ml
2) T n-Decane (C10)	4.422	2357162	22.194 ug/ml
3) T A~Naphthalene (C11.7)	6.016	2465194	21.927 ug/ml
4) T n-Dodecane (C12)	6.442	2397666	22.036 ug/ml
5) T A~2-methylnaphthalene...	7.074	2484601	21.985 ug/ml
6) T n-Tetradecane (C14)	8.238	2353900	21.755 ug/ml
7) T n-Hexadecane (C16)	9.839	2271917	21.171 ug/ml
8) T n-Octadecane (C18)	11.282	2316779	20.312 ug/ml
10) T n-Eicosane (C20)	12.592	2264545	19.493 ug/ml
11) T n-Heneicosane (C21)	13.203	2224191	19.197 ug/ml
13) T n-Docosane (C22)	13.790	2189774	18.906 ug/ml
14) T n-Tetracosane (C24)	14.892	2144385	18.645 ug/ml
15) T n-Hexacosane (C26)	15.912	2102726	18.675 ug/ml
16) T n-Octacosane (C28)	16.863	2091182	18.886 ug/ml
17) T n-Tricontane (C30)	17.750	2052757	19.324 ug/ml
18) T n-Dotriacontane (C32)	18.579	1949464	19.952 ug/ml
19) T n-Tetratriacontane (C34)	19.363	1842151	20.640 ug/ml
20) T n-Hexatriacontane (C36)	20.101	1787512	21.432 ug/ml
21) T n-Octatriacontane (C38)	20.846	1644909	21.122 ug/mlm
22) T n-Tetracontane (C40)	21.771	1818809	21.967 ug/mlm

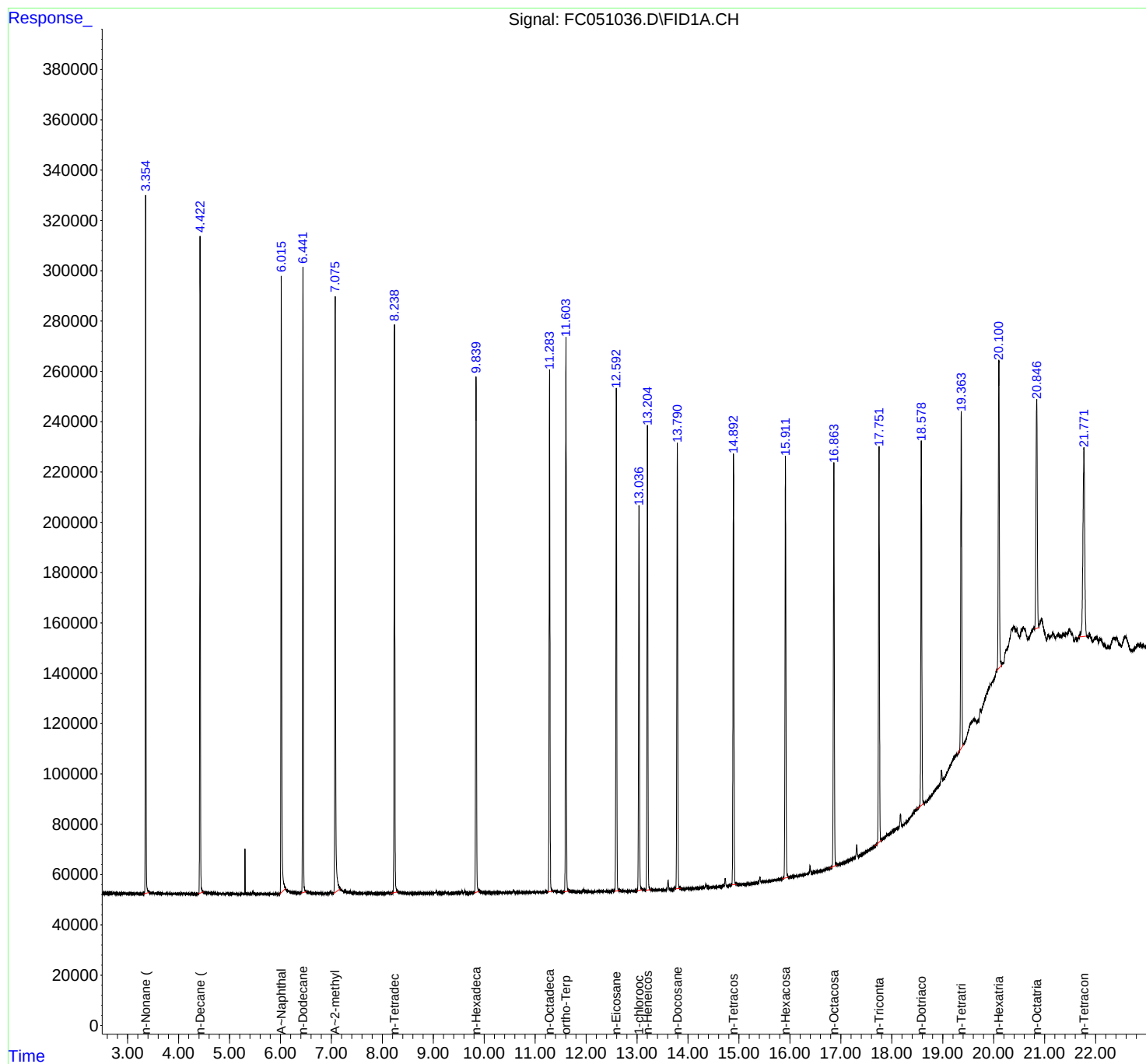
(f)=RT Delta > 1/2 Window

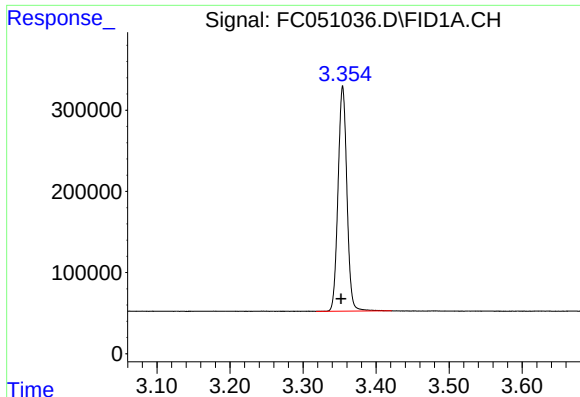
(m)=manual int.

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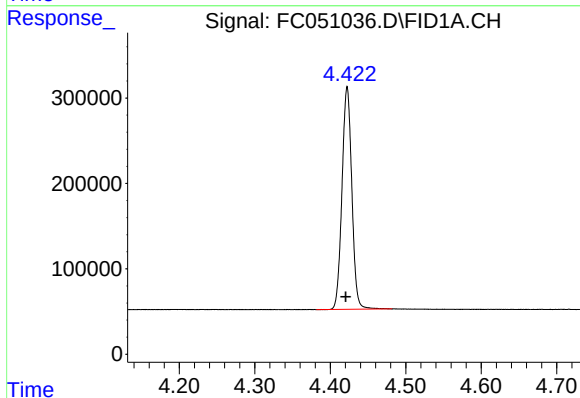
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Signal Info : 20M x 0.18mm x 0.18um





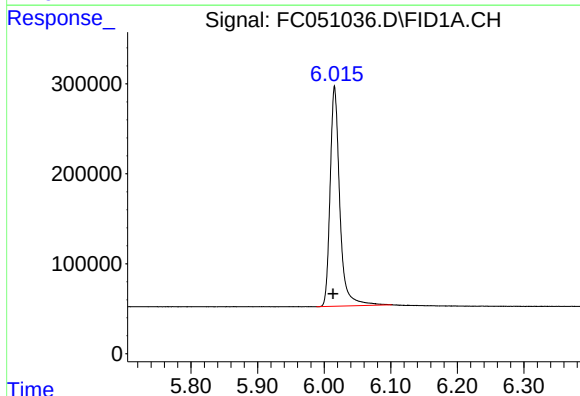
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: 0.002 min
Response: 2339526
Conc: 21.98 ug/ml



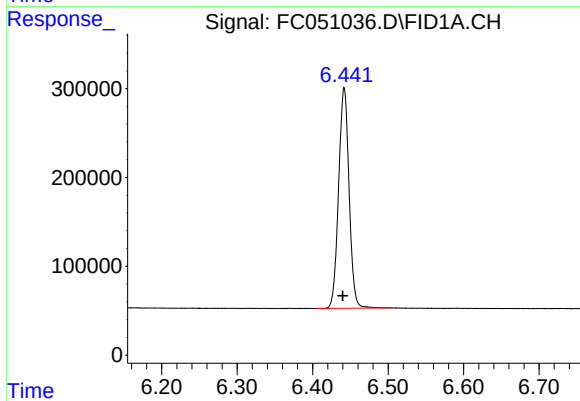
#2 n-Decane (C10)

R.T.: 4.422 min
Delta R.T.: 0.002 min
Response: 2357162
Conc: 22.19 ug/ml



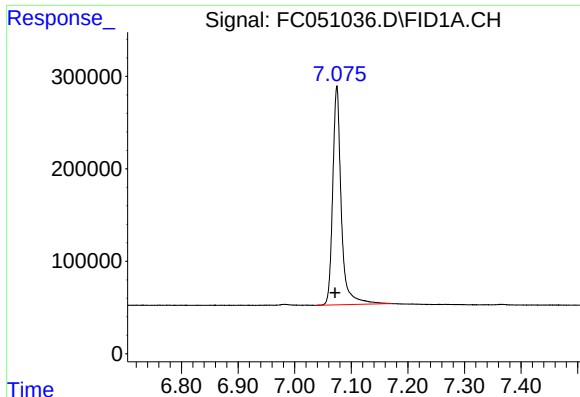
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: 0.002 min
Response: 2465194
Conc: 21.93 ug/ml



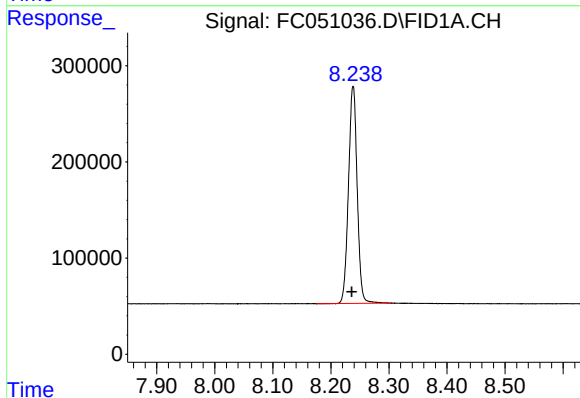
#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: 0.002 min
Response: 2397666
Conc: 22.04 ug/ml



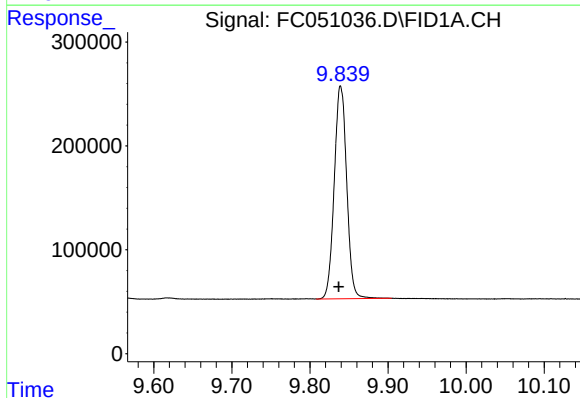
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: 0.003 min
Response: 2484601
Conc: 21.98 ug/ml



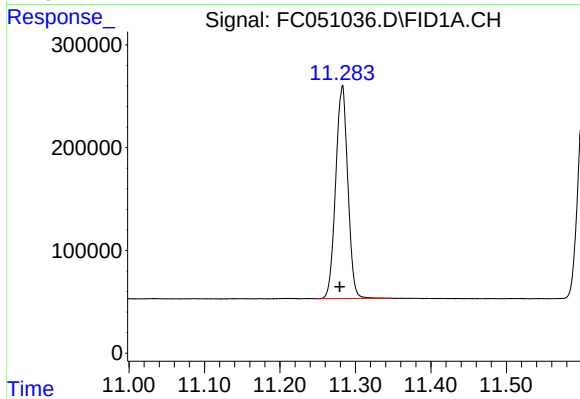
#6 n-Tetradecane (C14)

R.T.: 8.238 min
Delta R.T.: 0.002 min
Response: 2353900
Conc: 21.75 ug/ml



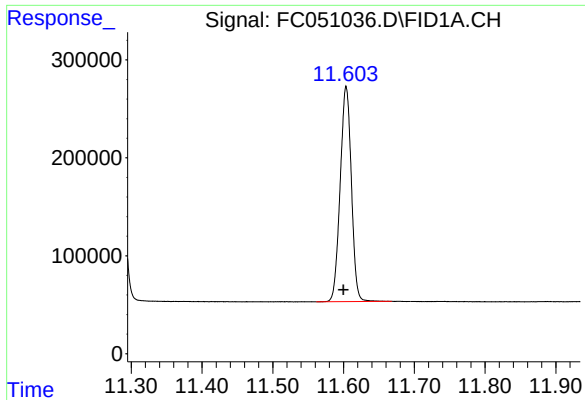
#7 n-Hexadecane (C16)

R.T.: 9.839 min
Delta R.T.: 0.002 min
Response: 2271917
Conc: 21.17 ug/ml



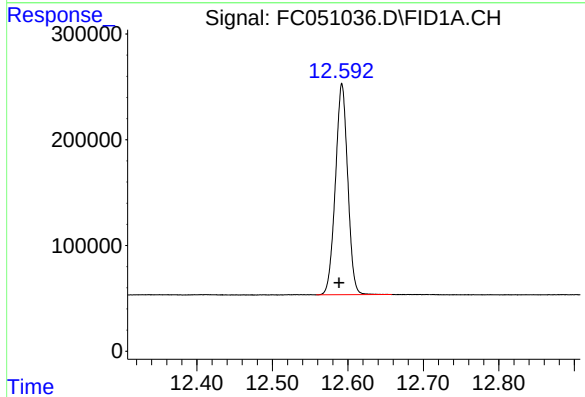
#8 n-Octadecane (C18)

R.T.: 11.282 min
Delta R.T.: 0.003 min
Response: 2316779
Conc: 20.31 ug/ml



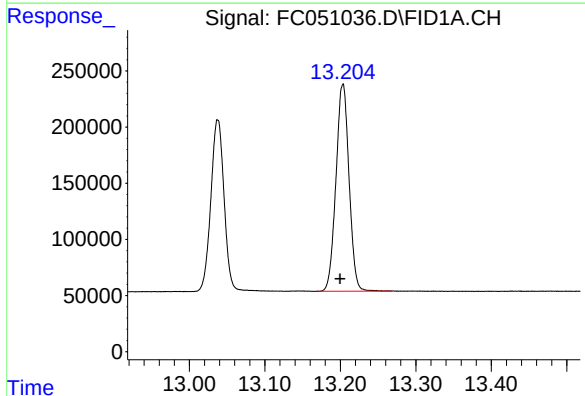
#9 ortho-Terphenyl (SURR)

R.T.: 11.604 min
Delta R.T.: 0.004 min
Response: 2409933
Conc: 19.59 ug/ml



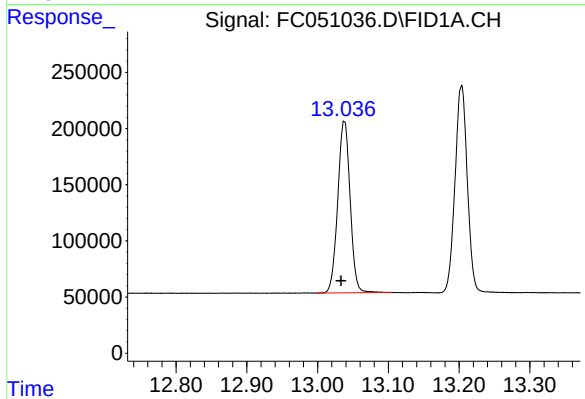
#10 n-Eicosane (C20)

R.T.: 12.592 min
Delta R.T.: 0.004 min
Response: 2264545
Conc: 19.49 ug/ml



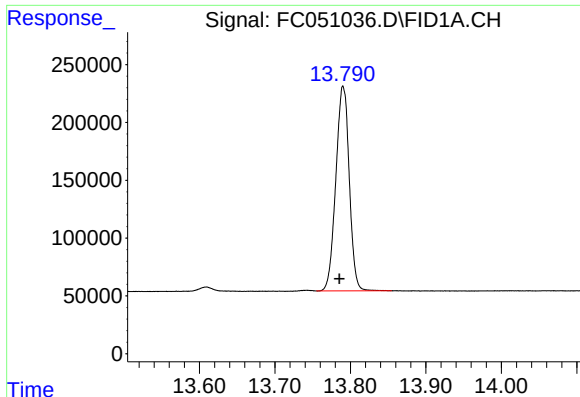
#11 n-Heneicosane (C21)

R.T.: 13.203 min
Delta R.T.: 0.004 min
Response: 2224191
Conc: 19.20 ug/ml



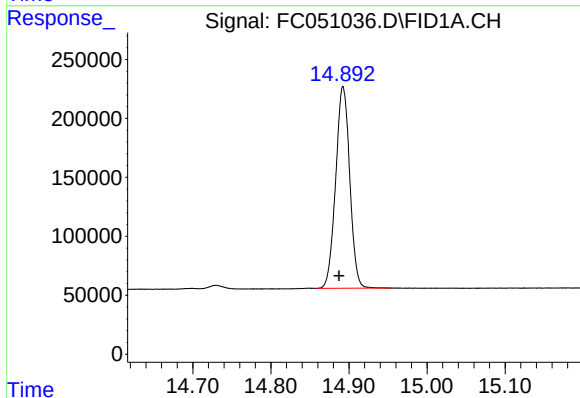
#12 1-chlorooctadecane (SURR)

R.T.: 13.038 min
Delta R.T.: 0.004 min
Response: 1862142
Conc: 19.09 ug/ml



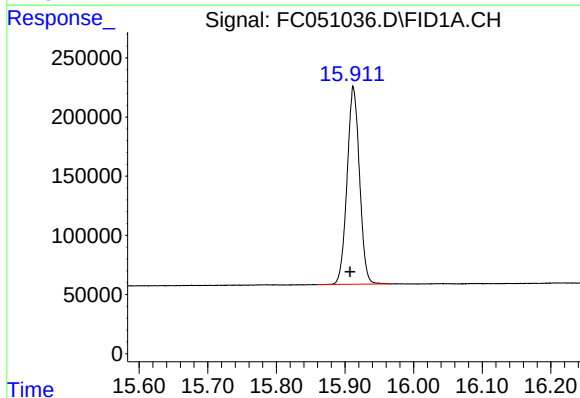
#13 n-Docosane (C22)

R.T.: 13.790 min
Delta R.T.: 0.005 min
Response: 2189774
Conc: 18.91 ug/ml



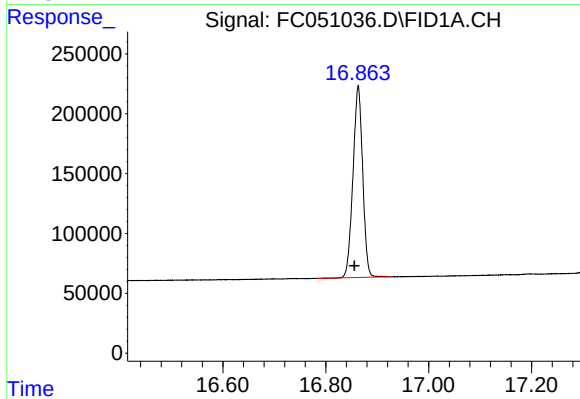
#14 n-Tetracosane (C24)

R.T.: 14.892 min
Delta R.T.: 0.005 min
Response: 2144385
Conc: 18.65 ug/ml



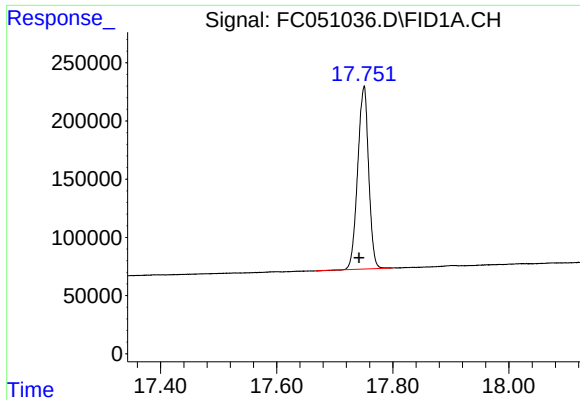
#15 n-Hexacosane (C26)

R.T.: 15.912 min
Delta R.T.: 0.005 min
Response: 2102726
Conc: 18.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.863 min
Delta R.T.: 0.007 min
Response: 2091182
Conc: 18.89 ug/ml



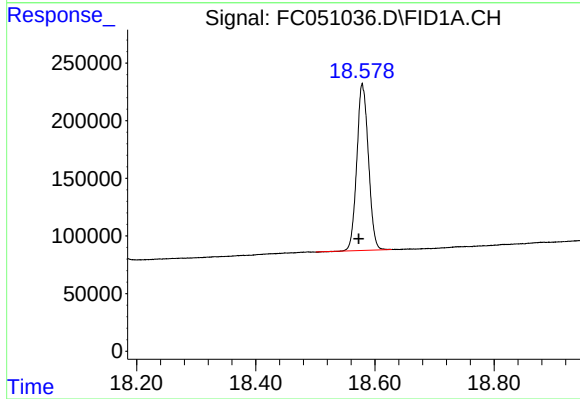
#17 n-Tricontane (C30)

R.T.: 17.750 min

Delta R.T.: 0.008 min

Response: 2052757

Conc: 19.32 ug/ml



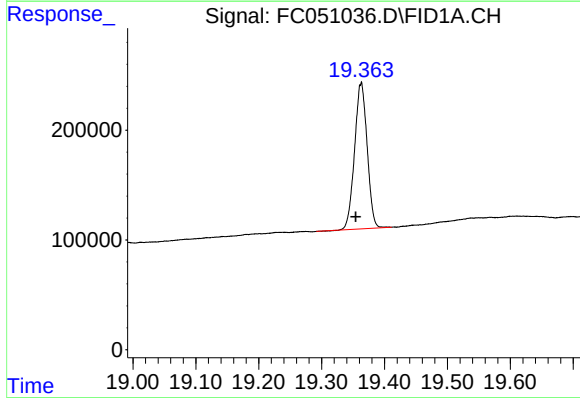
#18 n-Dotriacontane (C32)

R.T.: 18.579 min

Delta R.T.: 0.006 min

Response: 1949464

Conc: 19.95 ug/ml



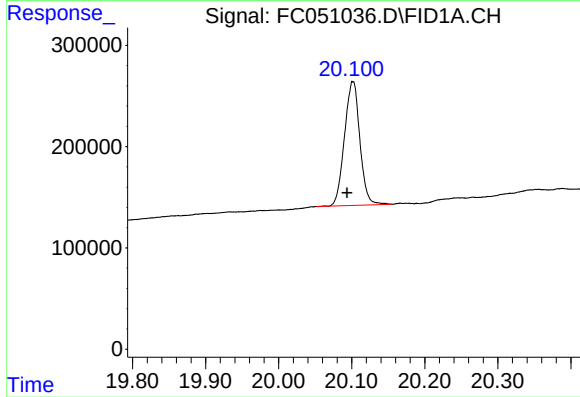
#19 n-Tetratriacontane (C34)

R.T.: 19.363 min

Delta R.T.: 0.008 min

Response: 1842151

Conc: 20.64 ug/ml



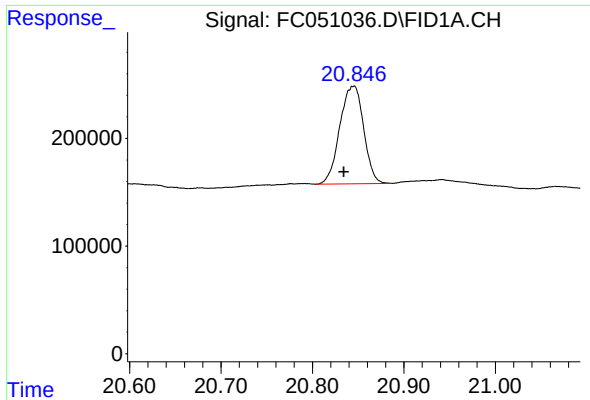
#20 n-Hexatriacontane (C36)

R.T.: 20.101 min

Delta R.T.: 0.008 min

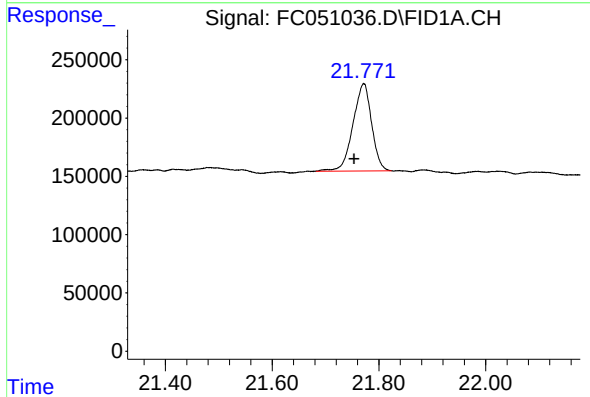
Response: 1787512

Conc: 21.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.846 min
Delta R.T.: 0.012 min
Response: 1644909
Conc: 21.12 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.771 min
Delta R.T.: 0.017 min
Response: 1818809
Conc: 21.97 ug/ml m