

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110221AL\
 Data File : FC056583.D
 Signal(s) : FID1A.CH
 Acq On : 02 Nov 2021 13:25
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 03 02:09:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 2021
 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)	11.616	2091293	16.890 ug/ml
Spiked Amount 50.000		Recovery =	33.78%
12) S 1-chlorooctadecane (S...	13.047	1653383	17.183 ug/ml
Spiked Amount 50.000		Recovery =	34.37%
Target Compounds			
1) T n-Nonane (C9)	3.377	2109099	19.487 ug/ml
2) T n-Decane (C10)	4.444	2101734	19.511 ug/ml
3) T A~Naphthalene (C11.7)	6.034	2330451	19.114 ug/ml
4) T n-Dodecane (C12)	6.461	2138900	19.402 ug/ml
5) T A~2-methylnaphthalene...	7.091	2350459	19.194 ug/ml
6) T n-Tetradecane (C14)	8.256	2118797	18.873 ug/ml
7) T n-Hexadecane (C16)	9.855	2131473	18.748 ug/ml
8) T n-Octadecane (C18)	11.295	2116732	18.114 ug/ml
10) T n-Eicosane (C20)	12.602	2048509	17.824 ug/ml
11) T n-Heneicosane (C21)	13.212	2022610	17.600 ug/ml
13) T n-Docosane (C22)	13.797	1955718	17.371 ug/ml
14) T n-Tetracosane (C24)	14.896	1862607	16.902 ug/ml
15) T n-Hexacosane (C26)	15.914	1797382	17.030 ug/ml
16) T n-Octacosane (C28)	16.860	1672397	16.123 ug/ml
17) T n-Tricontane (C30)	17.744	1739537	16.790 ug/ml
18) T n-Dotriacontane (C32)	18.572	1751161	18.278 ug/ml
19) T n-Tetratriacontane (C34)	19.351	1702270	19.408 ug/ml
20) T n-Hexatriacontane (C36)	20.087	1704449	20.824 ug/mlm
21) T n-Octatriacontane (C38)	20.819	1704135	21.308 ug/ml
22) T n-Tetracontane (C40)	21.733	1649647	20.022 ug/ml

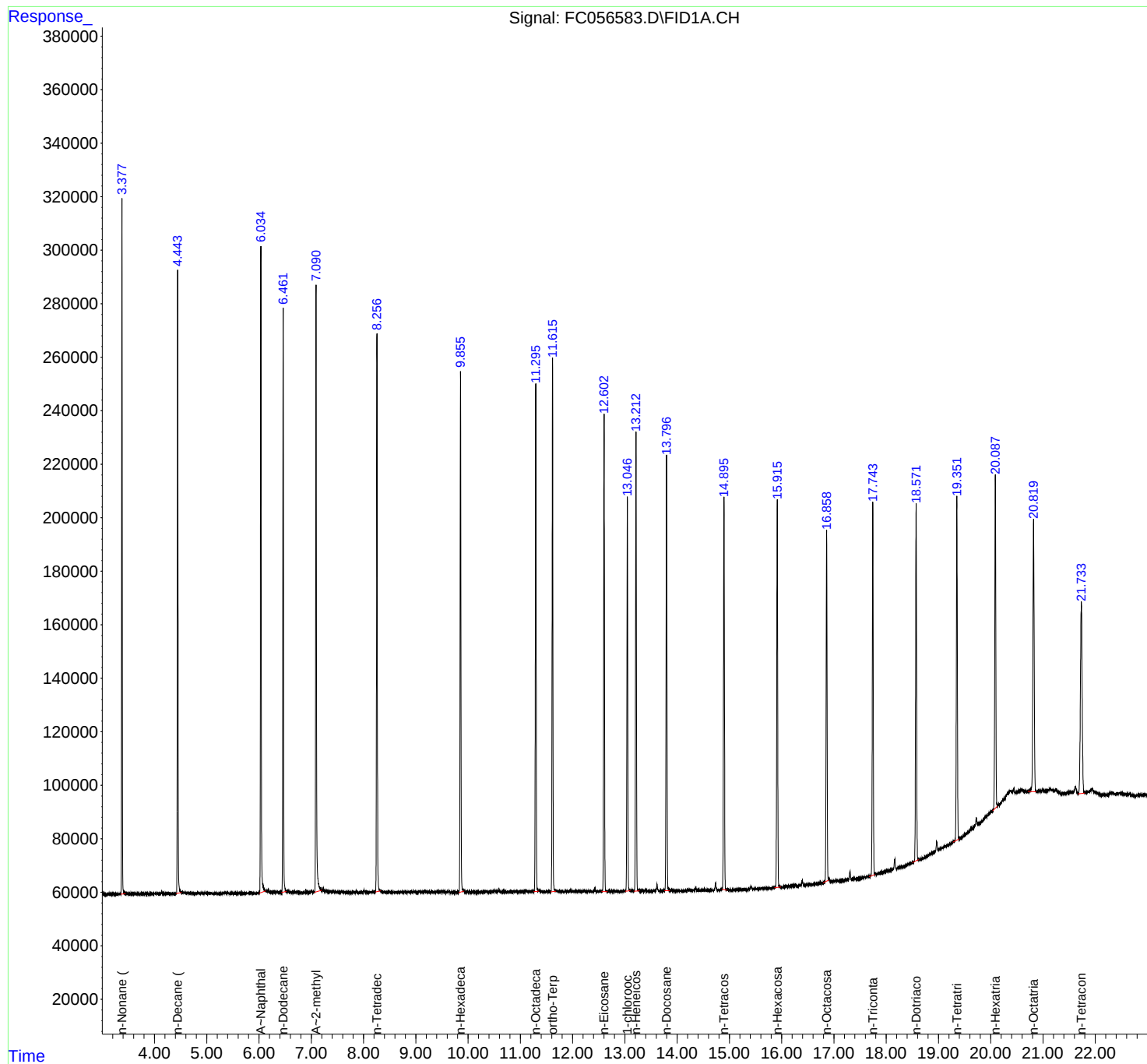
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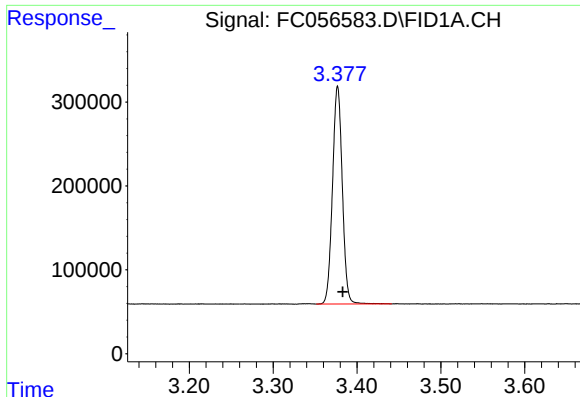
(m)=manual int.

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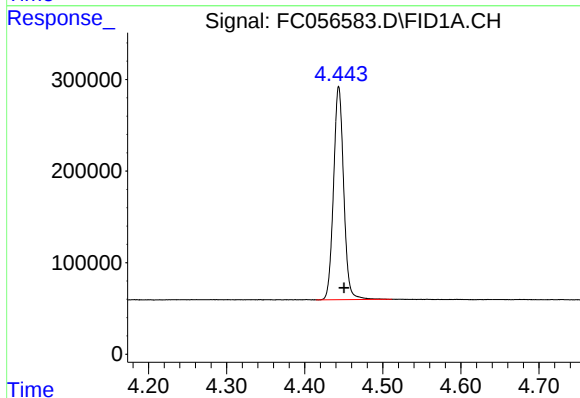
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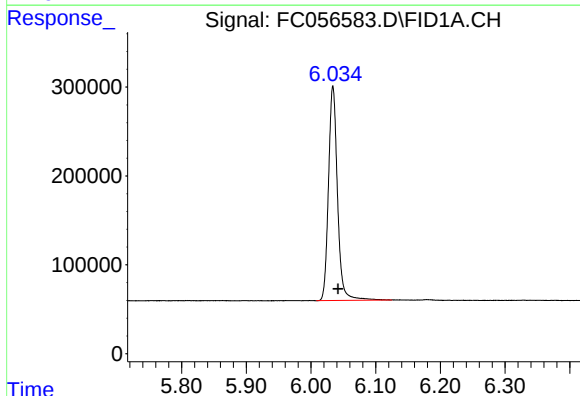
#1 n-Nonane (C9)

R.T.: 3.377 min
Delta R.T.: -0.006 min
Response: 2109099
Conc: 19.49 ug/ml



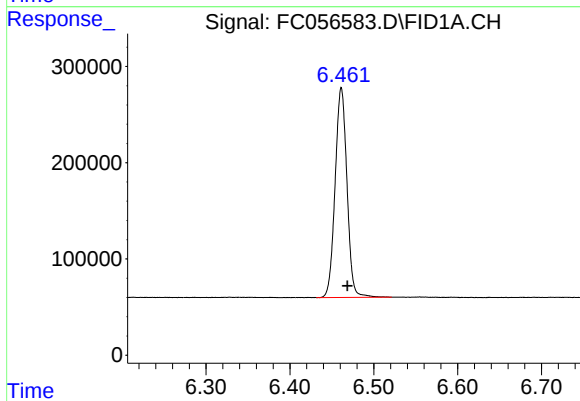
#2 n-Decane (C10)

R.T.: 4.444 min
Delta R.T.: -0.007 min
Response: 2101734
Conc: 19.51 ug/ml



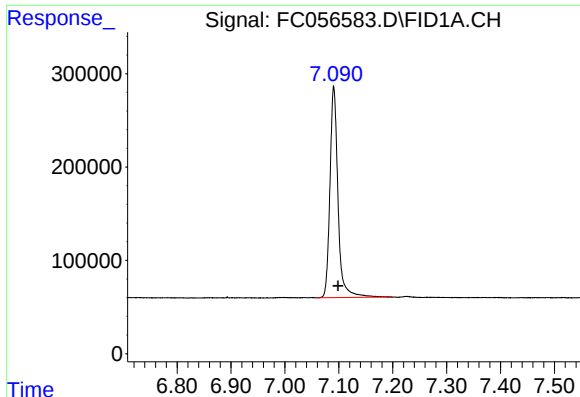
#3 A~Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: -0.008 min
Response: 2330451
Conc: 19.11 ug/ml



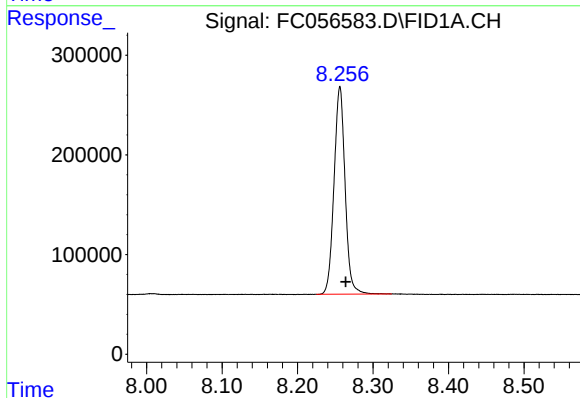
#4 n-Dodecane (C12)

R.T.: 6.461 min
Delta R.T.: -0.007 min
Response: 2138900
Conc: 19.40 ug/ml



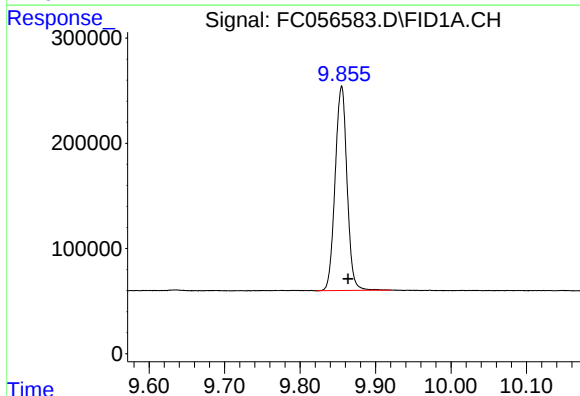
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.091 min
Delta R.T.: -0.008 min
Response: 2350459
Conc: 19.19 ug/ml



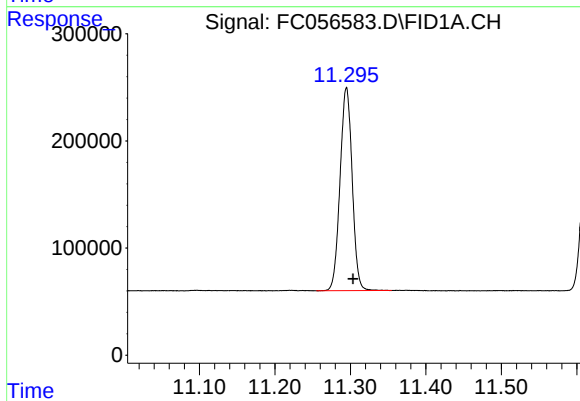
#6 n-Tetradecane (C14)

R.T.: 8.256 min
Delta R.T.: -0.008 min
Response: 2118797
Conc: 18.87 ug/ml



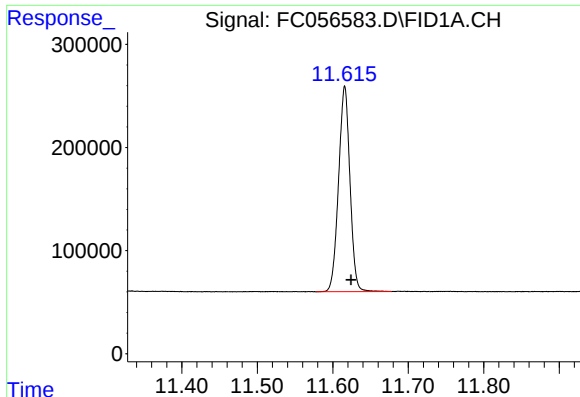
#7 n-Hexadecane (C16)

R.T.: 9.855 min
Delta R.T.: -0.009 min
Response: 2131473
Conc: 18.75 ug/ml



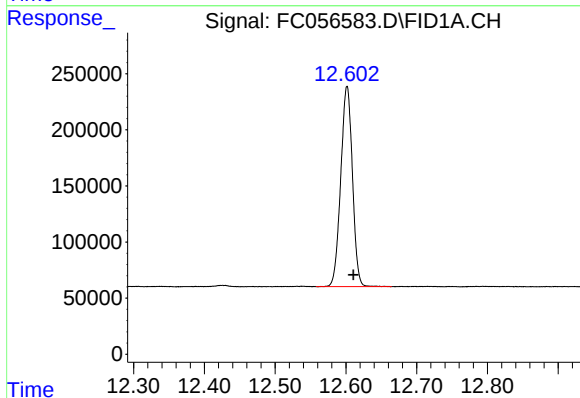
#8 n-Octadecane (C18)

R.T.: 11.295 min
Delta R.T.: -0.009 min
Response: 2116732
Conc: 18.11 ug/ml



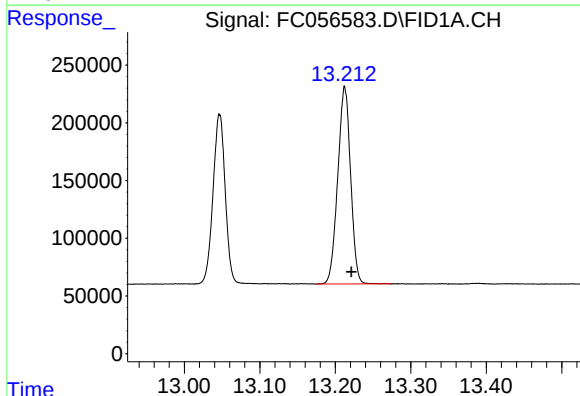
#9 ortho-Terphenyl (SURR)

R.T.: 11.616 min
Delta R.T.: -0.008 min
Response: 2091293
Conc: 16.89 ug/ml



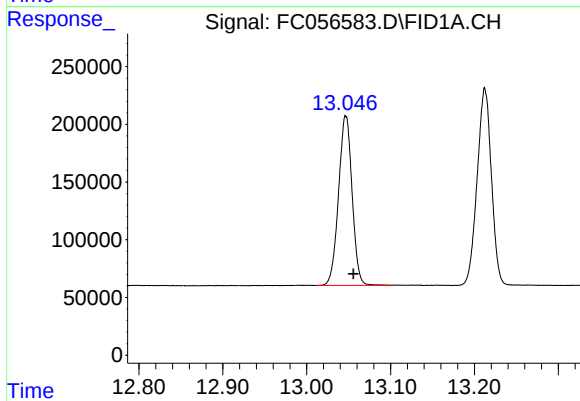
#10 n-Eicosane (C20)

R.T.: 12.602 min
Delta R.T.: -0.009 min
Response: 2048509
Conc: 17.82 ug/ml



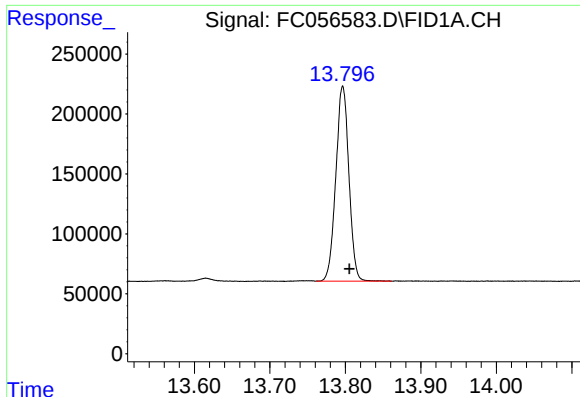
#11 n-Heneicosane (C21)

R.T.: 13.212 min
Delta R.T.: -0.009 min
Response: 2022610
Conc: 17.60 ug/ml



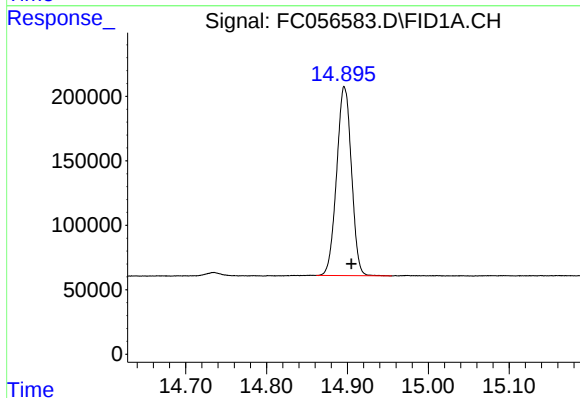
#12 1-chlorooctadecane (SURR)

R.T.: 13.047 min
Delta R.T.: -0.009 min
Response: 1653383
Conc: 17.18 ug/ml



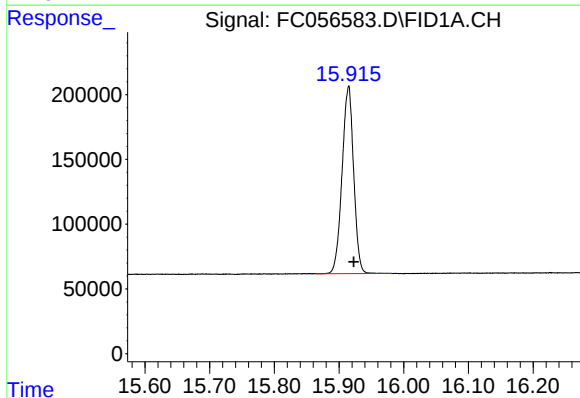
#13 n-Docosane (C22)

R.T.: 13.797 min
Delta R.T.: -0.009 min
Response: 1955718
Conc: 17.37 ug/ml



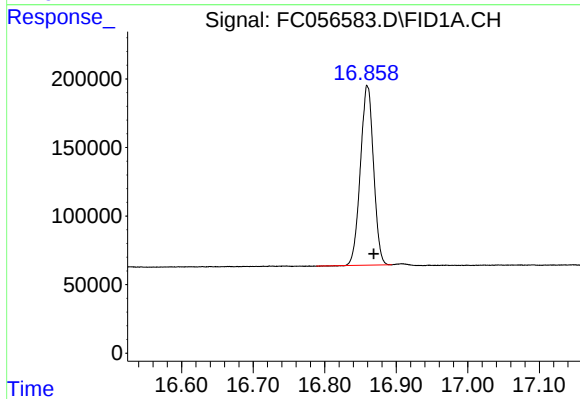
#14 n-Tetracosane (C24)

R.T.: 14.896 min
Delta R.T.: -0.009 min
Response: 1862607
Conc: 16.90 ug/ml



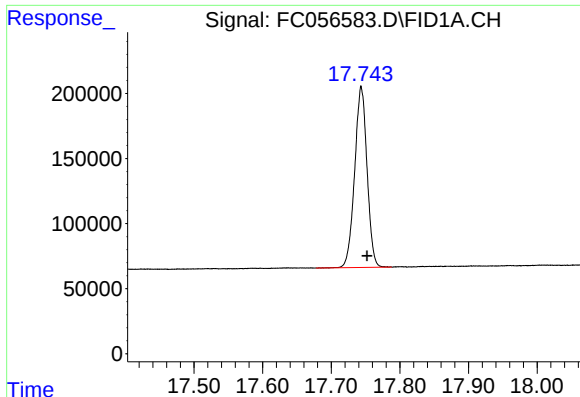
#15 n-Hexacosane (C26)

R.T.: 15.914 min
Delta R.T.: -0.008 min
Response: 1797382
Conc: 17.03 ug/ml



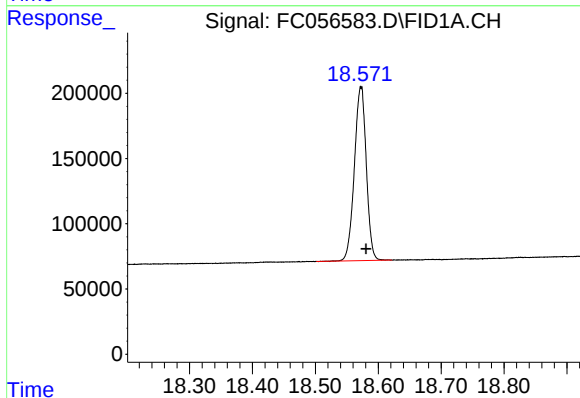
#16 n-Octacosane (C28)

R.T.: 16.860 min
Delta R.T.: -0.009 min
Response: 1672397
Conc: 16.12 ug/ml



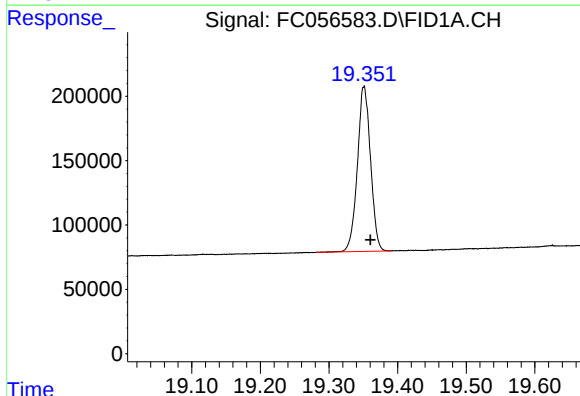
#17 n-Tricontane (C30)

R.T.: 17.744 min
Delta R.T.: -0.008 min
Response: 1739537
Conc: 16.79 ug/ml



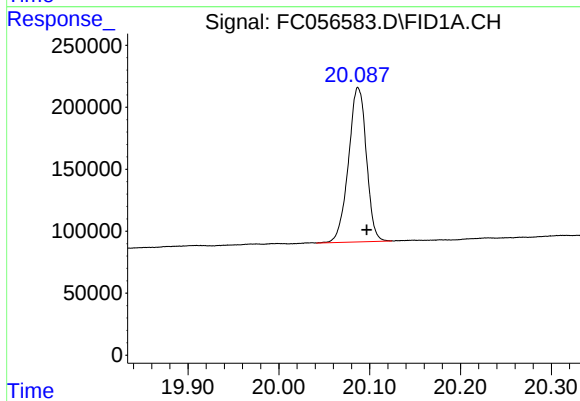
#18 n-Dotriacontane (C32)

R.T.: 18.572 min
Delta R.T.: -0.009 min
Response: 1751161
Conc: 18.28 ug/ml



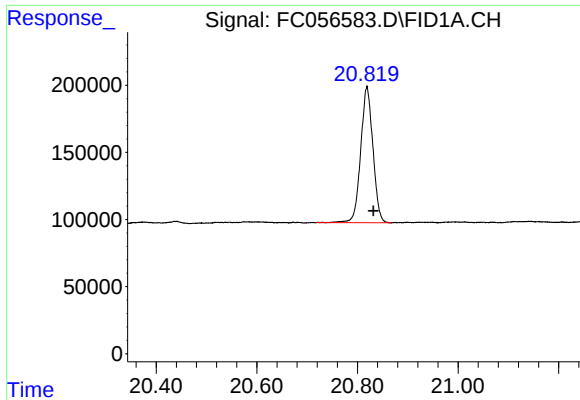
#19 n-Tetratriacontane (C34)

R.T.: 19.351 min
Delta R.T.: -0.009 min
Response: 1702270
Conc: 19.41 ug/ml



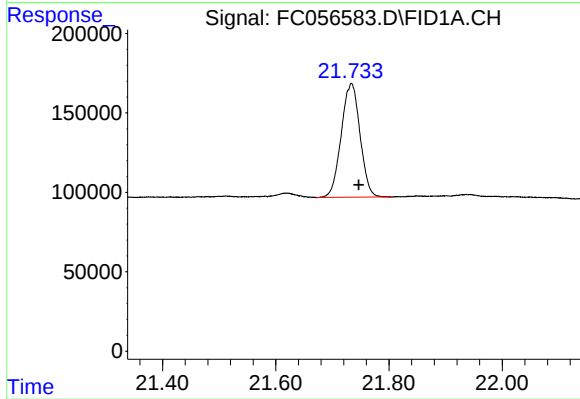
#20 n-Hexatriacontane (C36)

R.T.: 20.087 min
Delta R.T.: -0.010 min
Response: 1704449
Conc: 20.82 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: -0.013 min
Response: 1704135
Conc: 21.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.733 min
Delta R.T.: -0.013 min
Response: 1649647
Conc: 20.02 ug/ml