

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102821AL\
 Data File : FC056466.D
 Signal(s) : FID1A.CH
 Acq On : 28 Oct 2021 14:56
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 29 00:04:29 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)	11.619	2338554	18.887 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
12) S 1-chlorooctadecane (S...	13.050	1799594	18.702 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
Target Compounds			
1) T n-Nonane (C9)	3.380	2205003	20.373 ug/ml
2) T n-Decane (C10)	4.447	2225116	20.657 ug/ml
3) T A~Naphthalene (C11.7)	6.036	2511685	20.601 ug/ml
4) T n-Dodecane (C12)	6.464	2266114	20.556 ug/ml
5) T A~2-methylnaphthalene...	7.092	2520826	20.585 ug/ml
6) T n-Tetradecane (C14)	8.258	2276877	20.281 ug/ml
7) T n-Hexadecane (C16)	9.858	2264518	19.918 ug/ml
8) T n-Octadecane (C18)	11.298	2283535	19.541 ug/ml
10) T n-Eicosane (C20)	12.605	2187904	19.037 ug/ml
11) T n-Heneicosane (C21)	13.215	2156164	18.762 ug/ml
13) T n-Docosane (C22)	13.800	2113426	18.772 ug/ml
14) T n-Tetracosane (C24)	14.898	2016948	18.302 ug/ml
15) T n-Hexacosane (C26)	15.916	1911437	18.110 ug/ml
16) T n-Octacosane (C28)	16.862	1848012	17.816 ug/ml
17) T n-Tricontane (C30)	17.746	1820500	17.571 ug/ml
18) T n-Dotriacontane (C32)	18.575	1776360	18.541 ug/mlm
19) T n-Tetratriacontane (C34)	19.355	1782322	20.321 ug/ml
20) T n-Hexatriacontane (C36)	20.091	1743883	21.305 ug/ml
21) T n-Octatriacontane (C38)	20.824	1730100	21.633 ug/ml
22) T n-Tetracontane (C40)	21.739	1748890	21.227 ug/ml

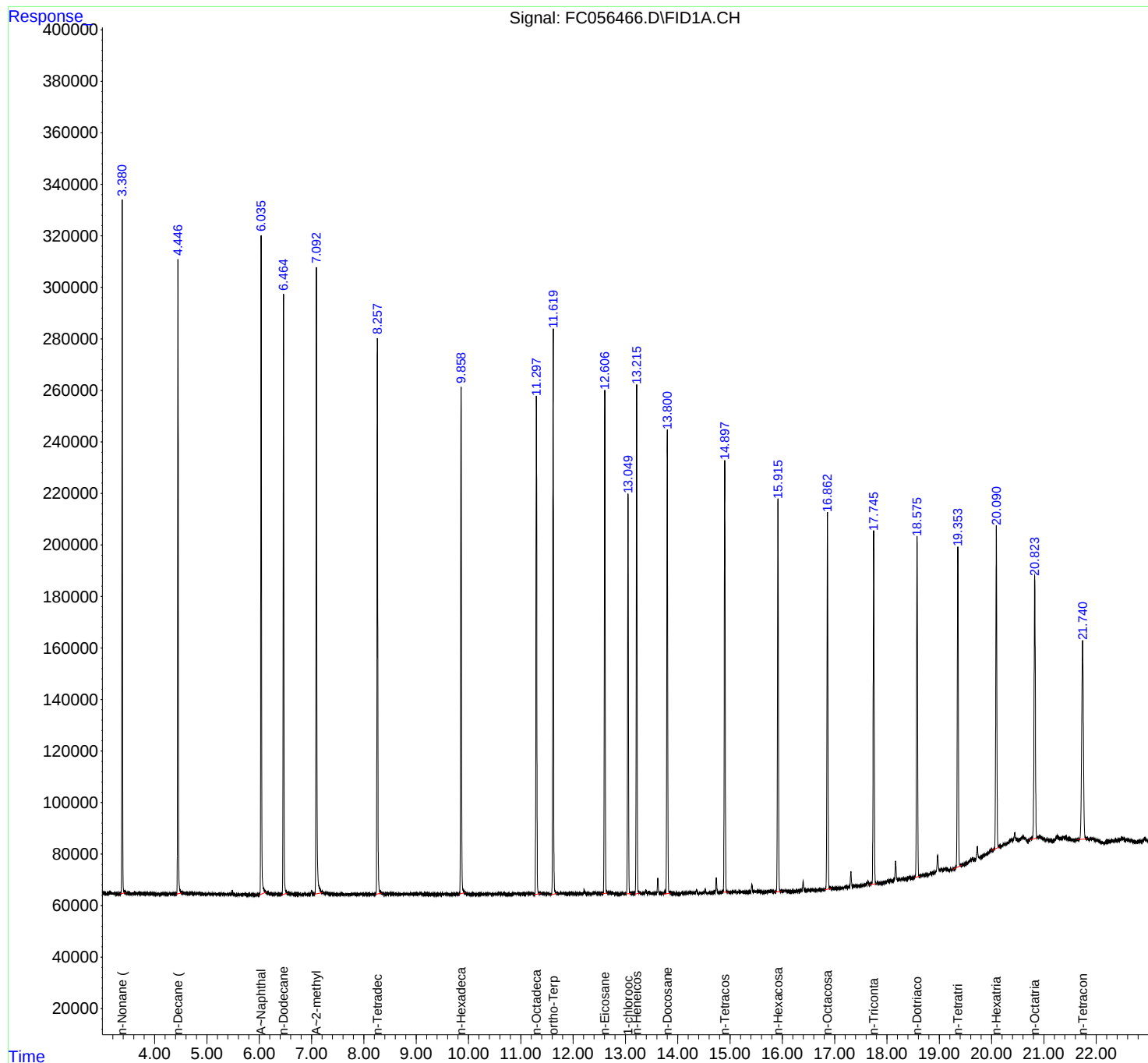
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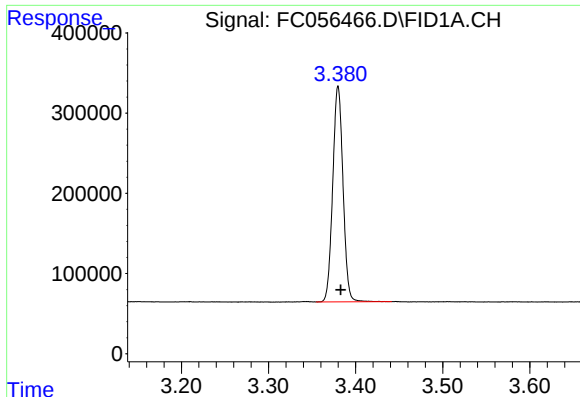
(m)=manual int.

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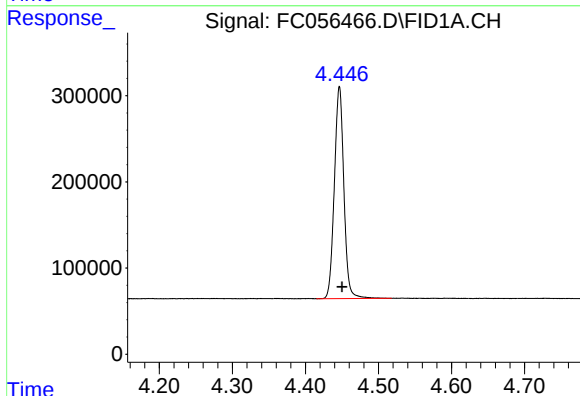
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





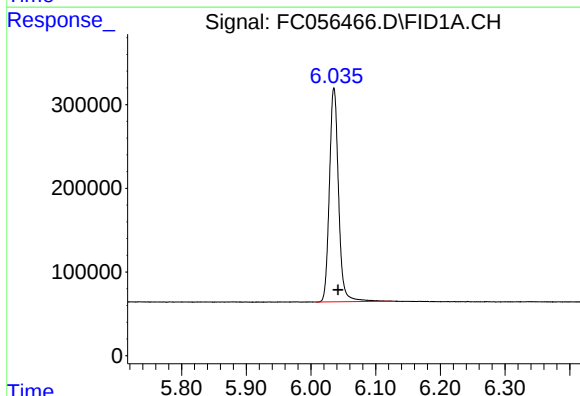
#1 n-Nonane (C9)

R.T.: 3.380 min
Delta R.T.: -0.003 min
Response: 2205003
Conc: 20.37 ug/ml



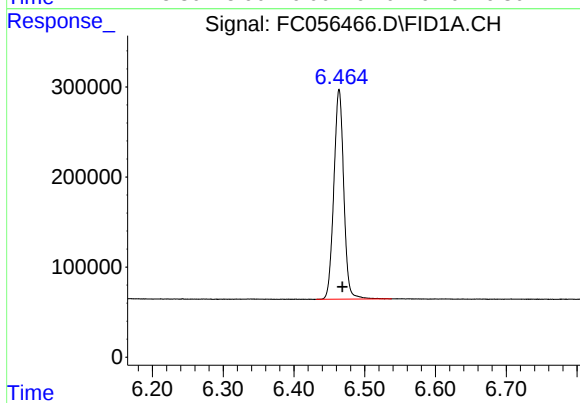
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.004 min
Response: 2225116
Conc: 20.66 ug/ml



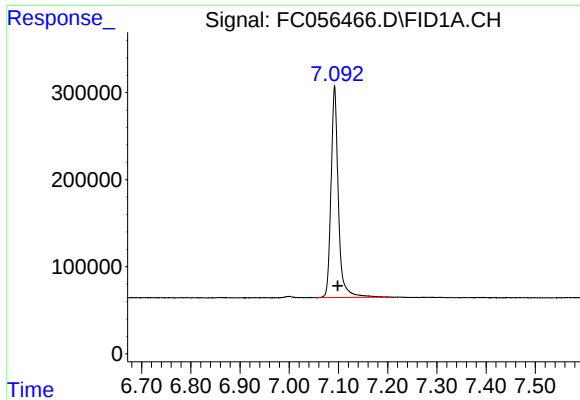
#3 A~Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: -0.006 min
Response: 2511685
Conc: 20.60 ug/ml



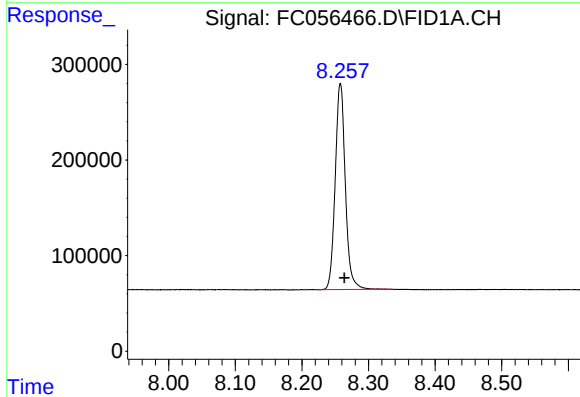
#4 n-Dodecane (C12)

R.T.: 6.464 min
Delta R.T.: -0.005 min
Response: 2266114
Conc: 20.56 ug/ml



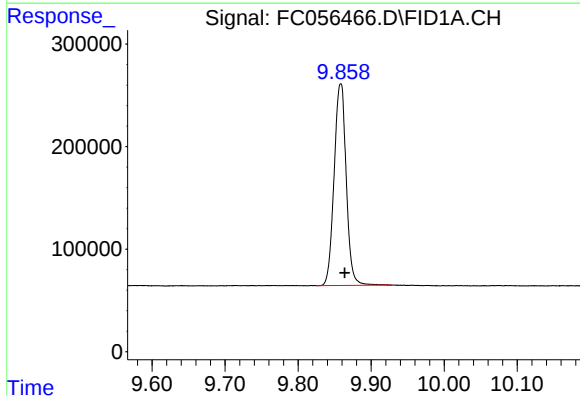
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: -0.007 min
Response: 2520826
Conc: 20.58 ug/ml



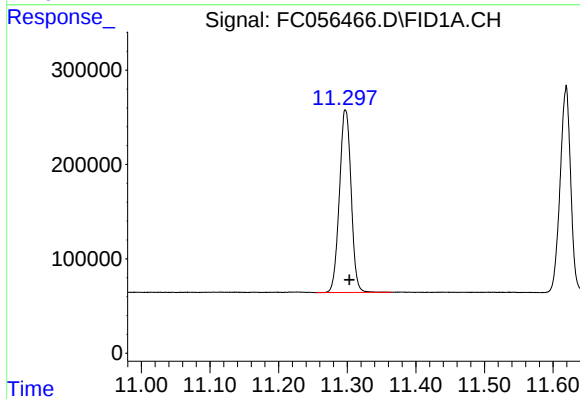
#6 n-Tetradecane (C14)

R.T.: 8.258 min
Delta R.T.: -0.006 min
Response: 2276877
Conc: 20.28 ug/ml



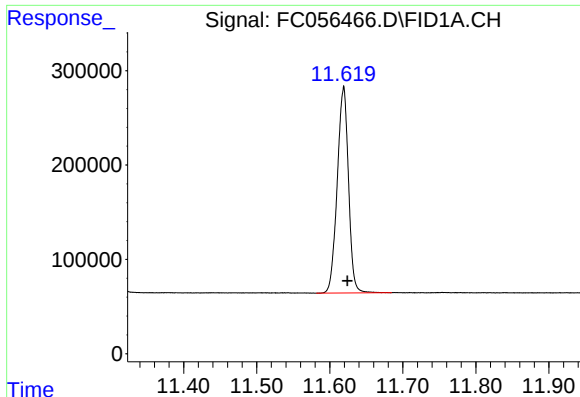
#7 n-Hexadecane (C16)

R.T.: 9.858 min
Delta R.T.: -0.006 min
Response: 2264518
Conc: 19.92 ug/ml



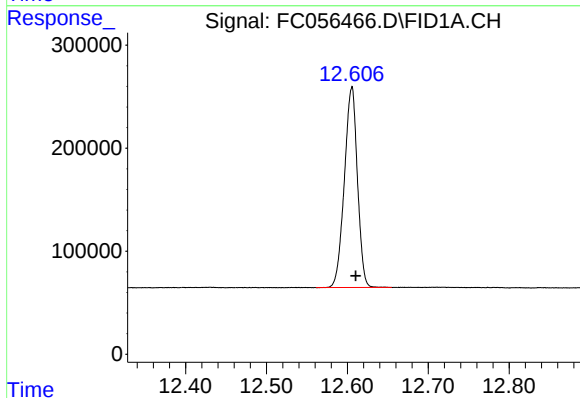
#8 n-Octadecane (C18)

R.T.: 11.298 min
Delta R.T.: -0.006 min
Response: 2283535
Conc: 19.54 ug/ml



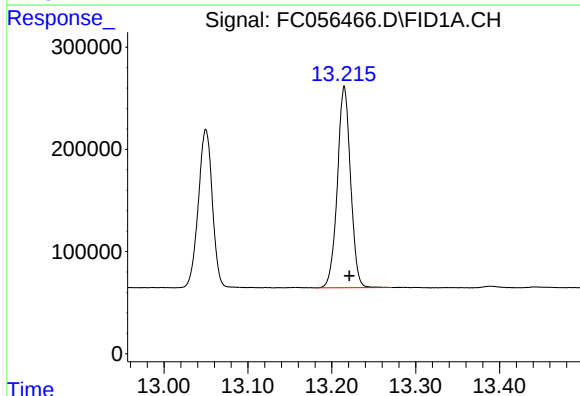
#9 ortho-Terphenyl (SURR)

R.T.: 11.619 min
Delta R.T.: -0.006 min
Response: 2338554
Conc: 18.89 ug/ml



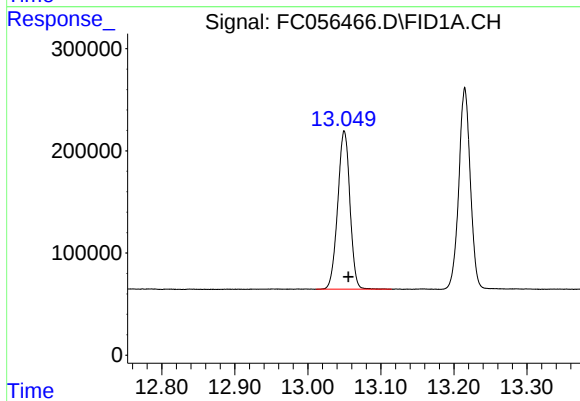
#10 n-Eicosane (C20)

R.T.: 12.605 min
Delta R.T.: -0.005 min
Response: 2187904
Conc: 19.04 ug/ml



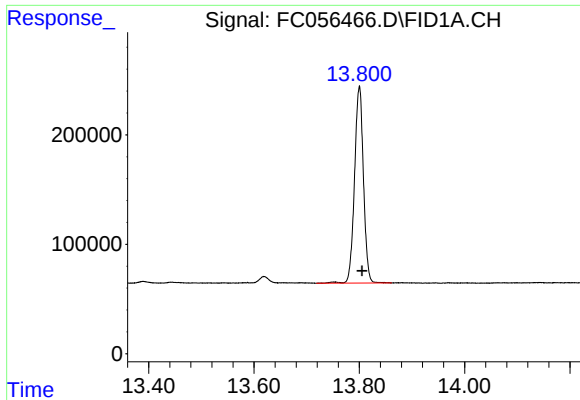
#11 n-Heneicosane (C21)

R.T.: 13.215 min
Delta R.T.: -0.006 min
Response: 2156164
Conc: 18.76 ug/ml



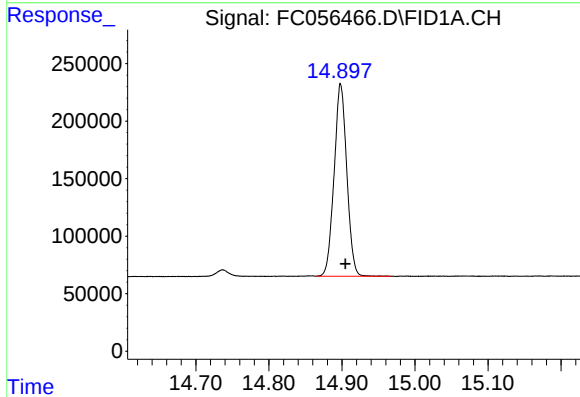
#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min
Delta R.T.: -0.006 min
Response: 1799594
Conc: 18.70 ug/ml



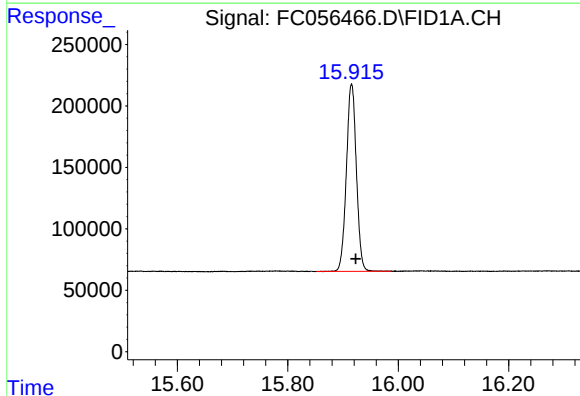
#13 n-Docosane (C22)

R.T.: 13.800 min
Delta R.T.: -0.006 min
Response: 2113426
Conc: 18.77 ug/ml



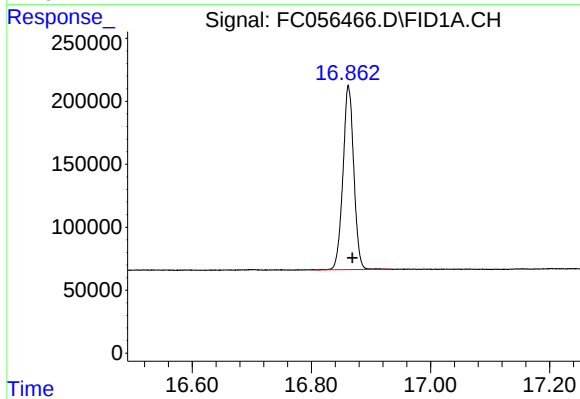
#14 n-Tetracosane (C24)

R.T.: 14.898 min
Delta R.T.: -0.007 min
Response: 2016948
Conc: 18.30 ug/ml



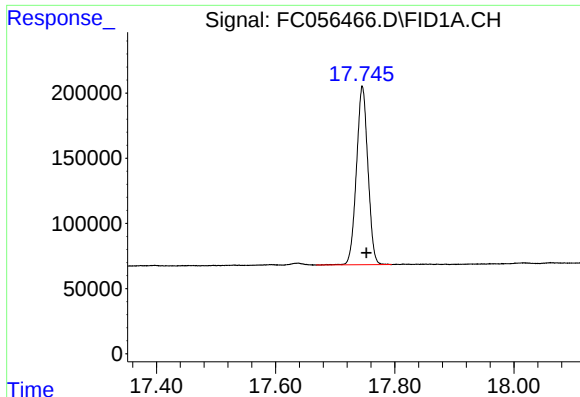
#15 n-Hexacosane (C26)

R.T.: 15.916 min
Delta R.T.: -0.007 min
Response: 1911437
Conc: 18.11 ug/ml



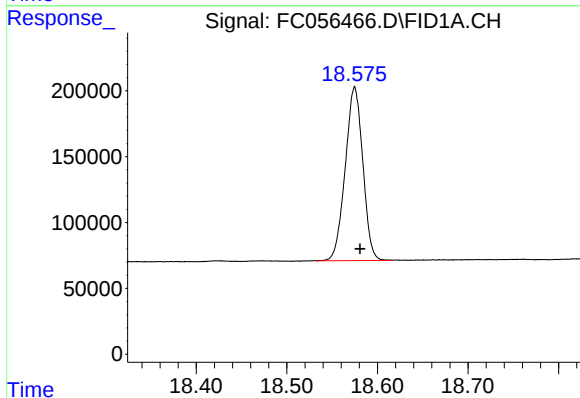
#16 n-Octacosane (C28)

R.T.: 16.862 min
Delta R.T.: -0.006 min
Response: 1848012
Conc: 17.82 ug/ml



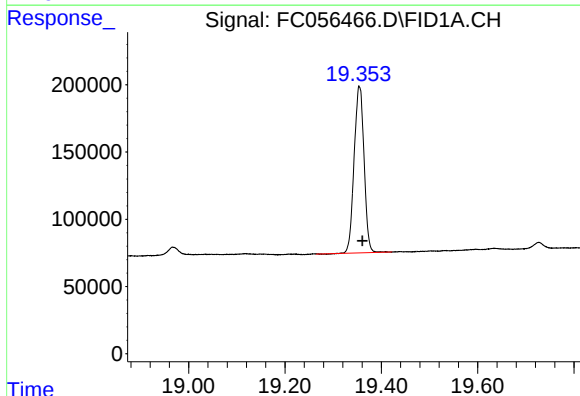
#17 n-Tricontane (C30)

R.T.: 17.746 min
Delta R.T.: -0.007 min
Response: 1820500
Conc: 17.57 ug/ml



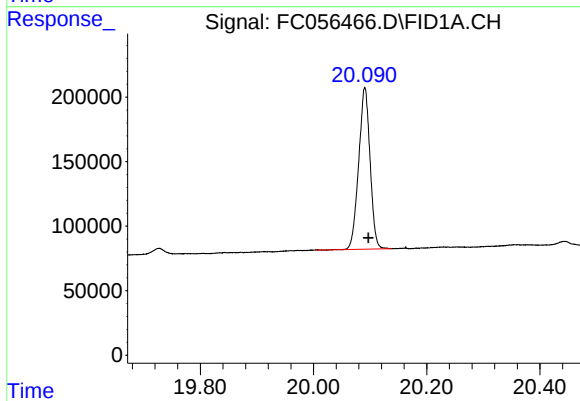
#18 n-Dotriacontane (C32)

R.T.: 18.575 min
Delta R.T.: -0.006 min
Response: 1776360
Conc: 18.54 ug/ml m



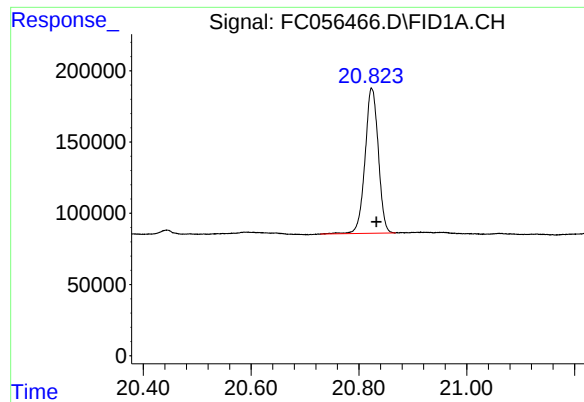
#19 n-Tetratriacontane (C34)

R.T.: 19.355 min
Delta R.T.: -0.006 min
Response: 1782322
Conc: 20.32 ug/ml



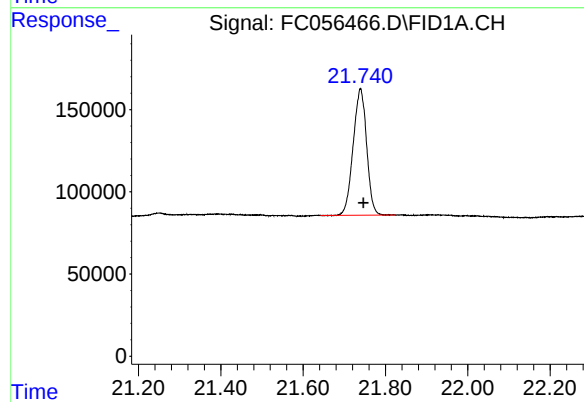
#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: -0.006 min
Response: 1743883
Conc: 21.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.824 min
Delta R.T.: -0.008 min
Response: 1730100
Conc: 21.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.739 min
Delta R.T.: -0.008 min
Response: 1748890
Conc: 21.23 ug/ml