

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100421AL\
 Data File : FC055964.D
 Signal(s) : FID1A.CH
 Acq On : 04 Oct 2021 23:43
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 05 02:46:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.656	1990245	16.773 ug/ml
Spiked Amount 50.000		Recovery =	33.55%
12) S 1-chlorooctadecane (S...	13.088	1539304	16.755 ug/ml
Spiked Amount 50.000		Recovery =	33.51%
Target Compounds			
1) T n-Nonane (C9)	3.397	2043742	19.152 ug/ml
2) T n-Decane (C10)	4.468	2043203	19.114 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2240969	18.625 ug/ml
4) T n-Dodecane (C12)	6.491	2028612	18.690 ug/ml
5) T A~2-methylnaphthalene...	7.125	2209550	18.189 ug/ml
6) T n-Tetradecane (C14)	8.288	1997531	18.055 ug/ml
7) T n-Hexadecane (C16)	9.890	1944016	17.563 ug/ml
8) T n-Octadecane (C18)	11.333	1912660	17.089 ug/ml
10) T n-Eicosane (C20)	12.642	1843159	16.875 ug/ml
11) T n-Heneicosane (C21)	13.254	1831899	16.849 ug/ml
13) T n-Docosane (C22)	13.840	1797212	16.828 ug/ml
14) T n-Tetracosane (C24)	14.941	1786211	17.082 ug/ml
15) T n-Hexacosane (C26)	15.961	1752169	17.439 ug/ml
16) T n-Octacosane (C28)	16.911	1750249	18.094 ug/ml
17) T n-Tricontane (C30)	17.796	1764577	19.018 ug/mlm
18) T n-Dotriacontane (C32)	18.627	1764294	19.844 ug/ml
19) T n-Tetratriacontane (C34)	19.408	1810448	20.933 ug/mlm
20) T n-Hexatriacontane (C36)	20.146	1797301	21.998 ug/mlm
21) T n-Octatriacontane (C38)	20.893	1622496	20.361 ug/mlm
22) T n-Tetracontane (C40)	21.827	1832457	22.860 ug/mlm

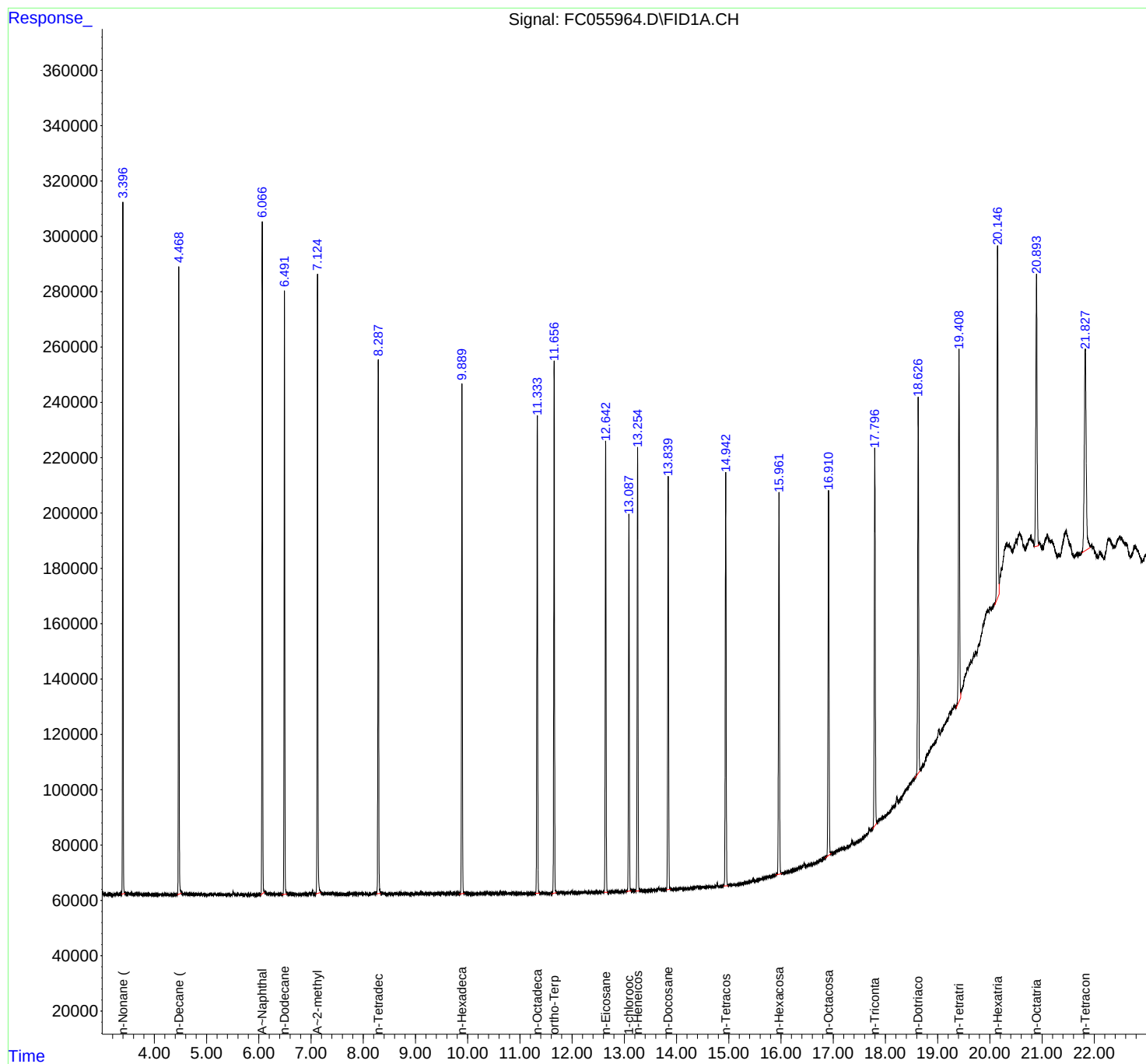
(f)=RT Delta > 1/2 Window

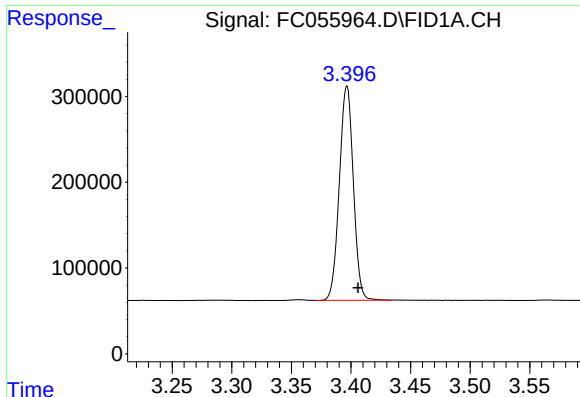
(m)=manual int.

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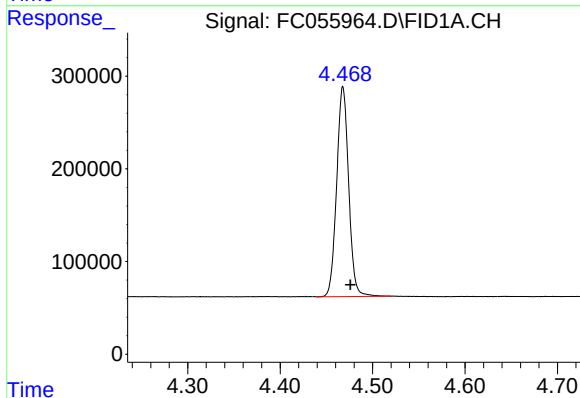
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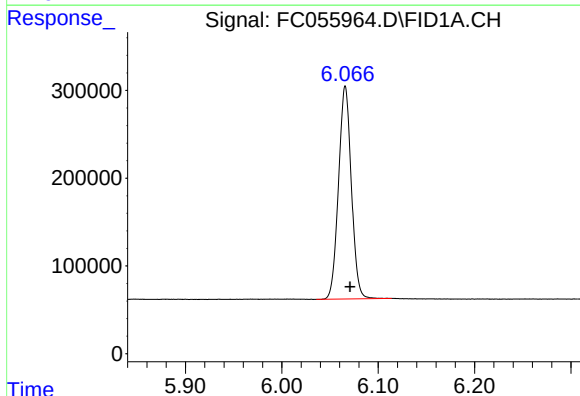
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: -0.009 min
Response: 2043742
Conc: 19.15 ug/ml



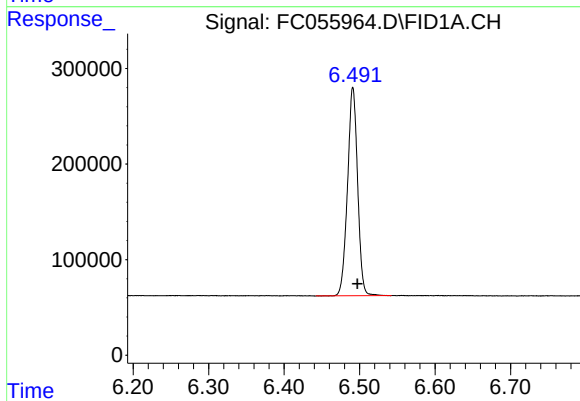
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: -0.008 min
Response: 2043203
Conc: 19.11 ug/ml



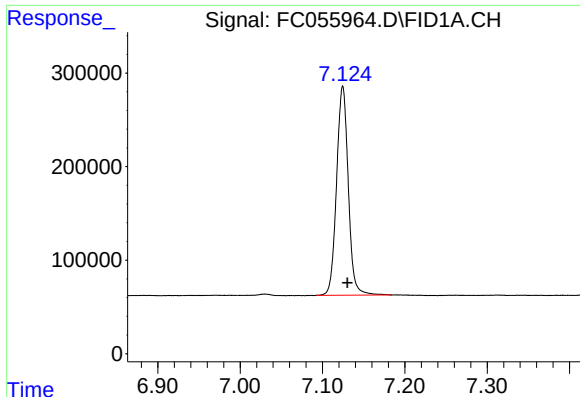
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: -0.005 min
Response: 2240969
Conc: 18.62 ug/ml



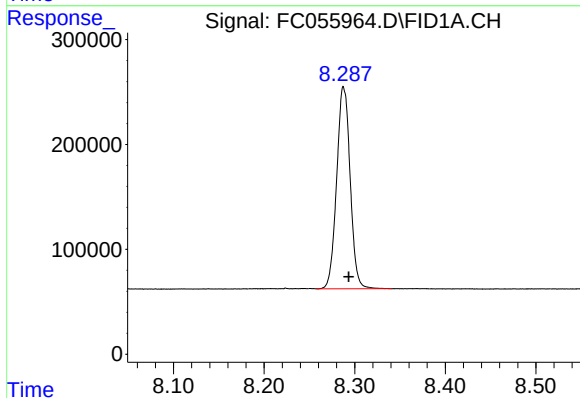
#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: -0.006 min
Response: 2028612
Conc: 18.69 ug/ml



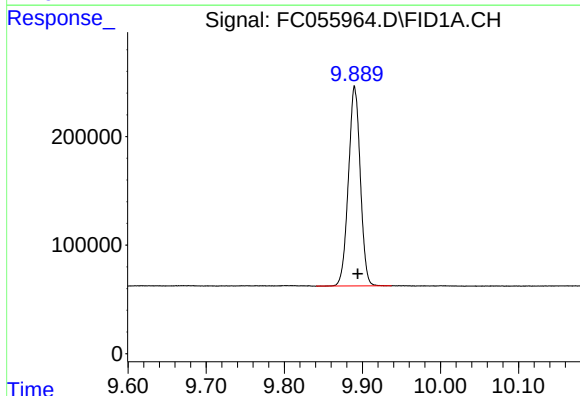
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.125 min
Delta R.T.: -0.006 min
Response: 2209550
Conc: 18.19 ug/ml



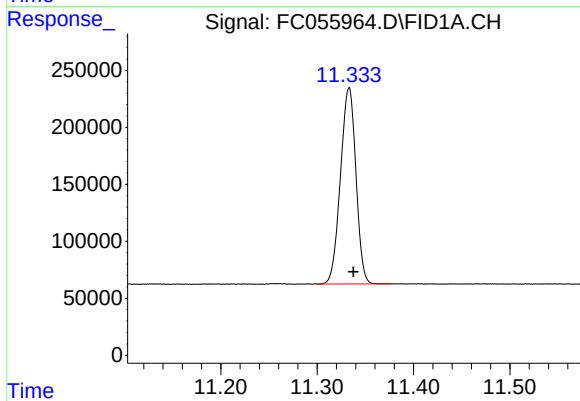
#6 n-Tetradecane (C14)

R.T.: 8.288 min
Delta R.T.: -0.006 min
Response: 1997531
Conc: 18.06 ug/ml



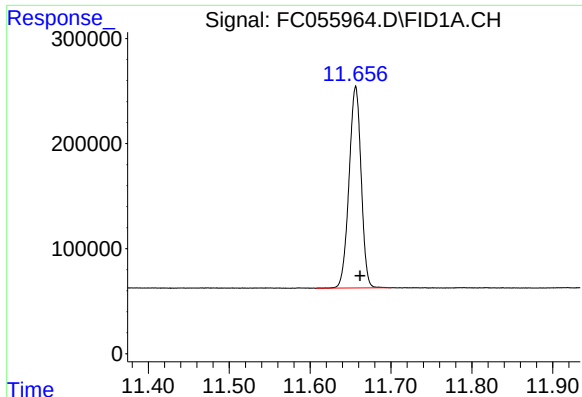
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: -0.004 min
Response: 1944016
Conc: 17.56 ug/ml



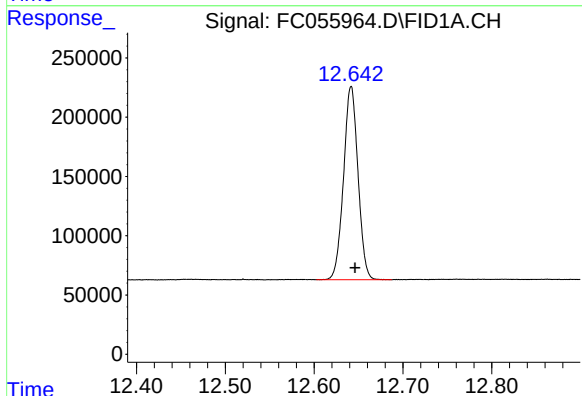
#8 n-Octadecane (C18)

R.T.: 11.333 min
Delta R.T.: -0.005 min
Response: 1912660
Conc: 17.09 ug/ml



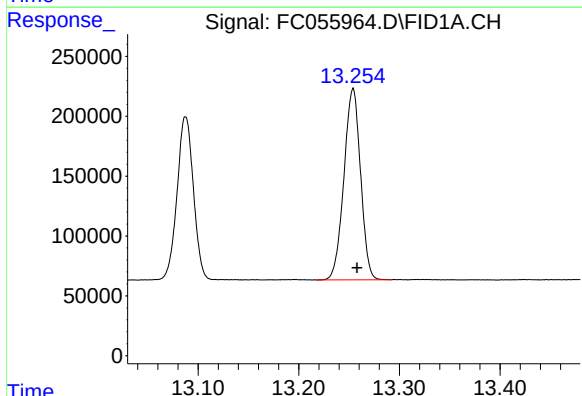
#9 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: -0.005 min
Response: 1990245
Conc: 16.77 ug/ml



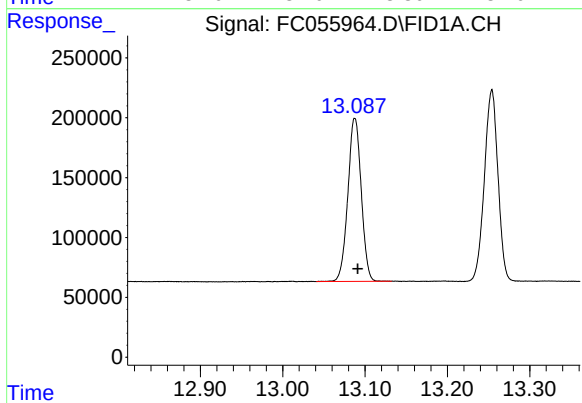
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: -0.004 min
Response: 1843159
Conc: 16.87 ug/ml



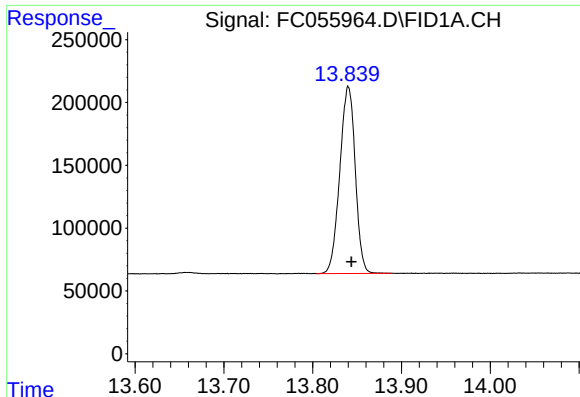
#11 n-Heneicosane (C21)

R.T.: 13.254 min
Delta R.T.: -0.004 min
Response: 1831899
Conc: 16.85 ug/ml



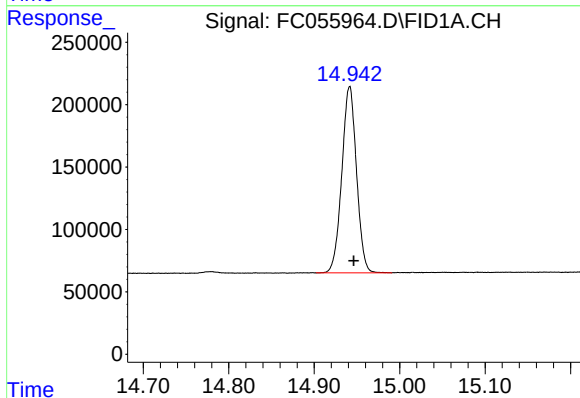
#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: -0.003 min
Response: 1539304
Conc: 16.75 ug/ml



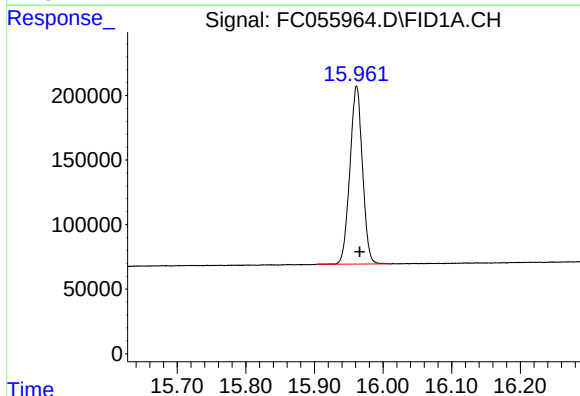
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: -0.003 min
Response: 1797212
Conc: 16.83 ug/ml



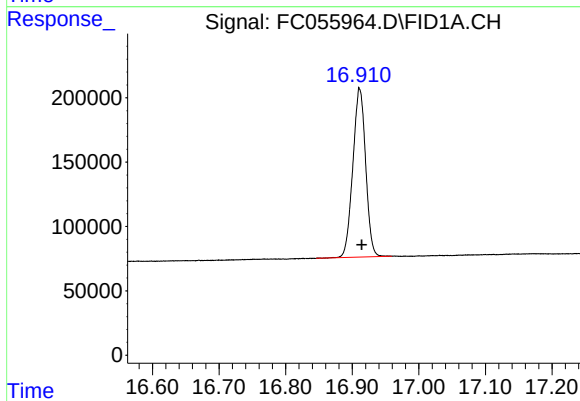
#14 n-Tetracosane (C24)

R.T.: 14.941 min
Delta R.T.: -0.005 min
Response: 1786211
Conc: 17.08 ug/ml



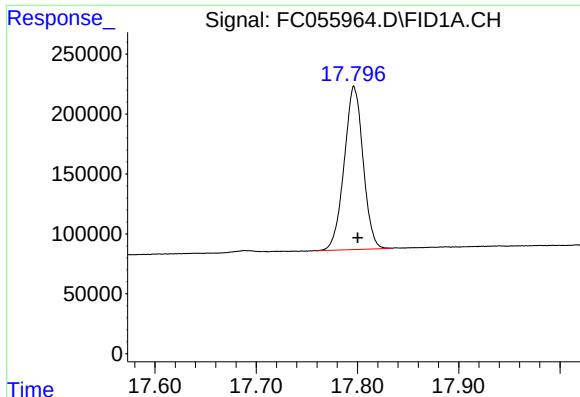
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: -0.005 min
Response: 1752169
Conc: 17.44 ug/ml



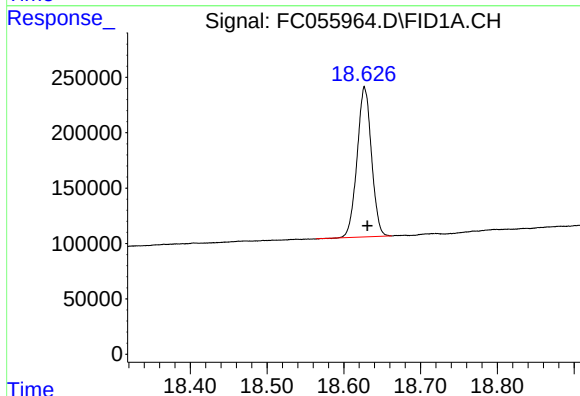
#16 n-Octacosane (C28)

R.T.: 16.911 min
Delta R.T.: -0.003 min
Response: 1750249
Conc: 18.09 ug/ml



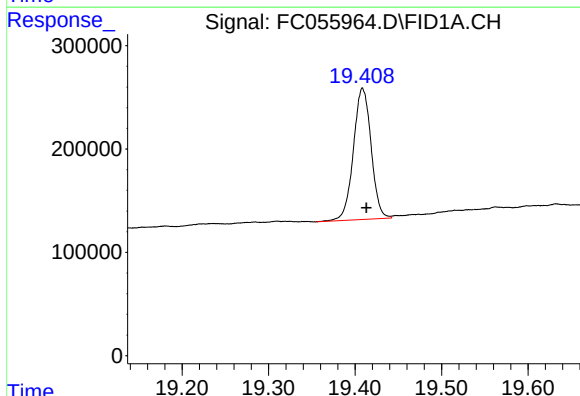
#17 n-Tricontane (C30)

R.T.: 17.796 min
Delta R.T.: -0.004 min
Response: 1764577
Conc: 19.02 ug/ml m



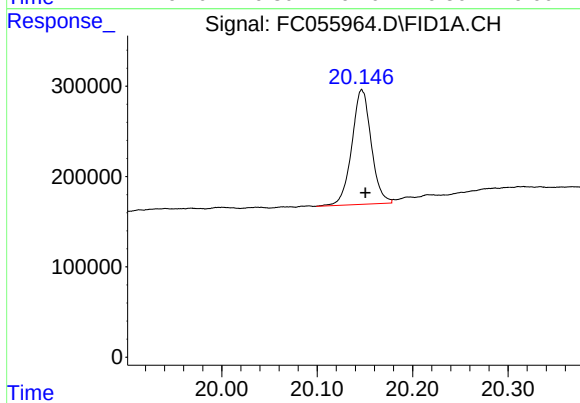
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.004 min
Response: 1764294
Conc: 19.84 ug/ml



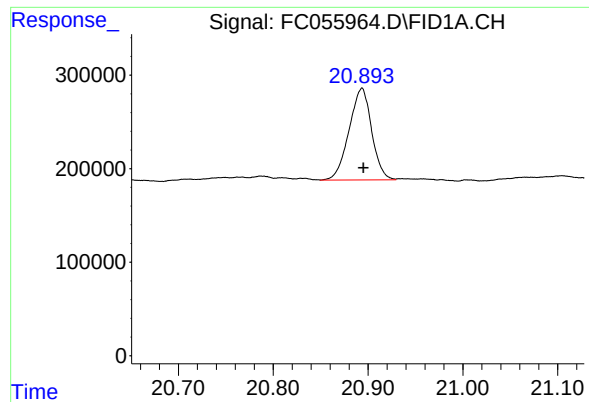
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min
Delta R.T.: -0.005 min
Response: 1810448
Conc: 20.93 ug/ml m



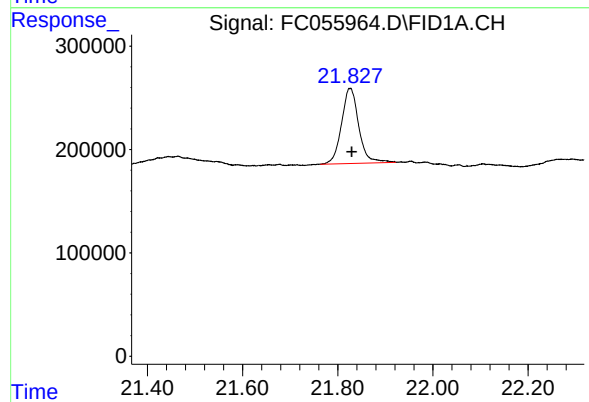
#20 n-Hexatriacontane (C36)

R.T.: 20.146 min
Delta R.T.: -0.004 min
Response: 1797301
Conc: 22.00 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.893 min
Delta R.T.: -0.002 min
Response: 1622496
Conc: 20.36 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.827 min
Delta R.T.: -0.002 min
Response: 1832457
Conc: 22.86 ug/ml m