

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092121AL\
 Data File : FC055725.D
 Signal(s) : FID1A.CH
 Acq On : 21 Sep 2021 9:35
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 22 03:03:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 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)	11.645	2592176	20.527 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
12) S 1-chlorooctadecane (S...	13.077	2055139	20.799 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
Target Compounds			
1) T n-Nonane (C9)	3.397	2246520	20.214 ug/ml
2) T n-Decane (C10)	4.465	2268011	20.248 ug/ml
3) T A~Naphthalene (C11.7)	6.056	2533376	20.180 ug/ml
4) T n-Dodecane (C12)	6.485	2274932	20.330 ug/ml
5) T A~2-methylnaphthalene...	7.113	2553074	20.193 ug/ml
6) T n-Tetradecane (C14)	8.281	2314856	20.450 ug/ml
7) T n-Hexadecane (C16)	9.882	2351655	20.583 ug/ml
8) T n-Octadecane (C18)	11.324	2431709	20.494 ug/ml
10) T n-Eicosane (C20)	12.632	2428467	20.573 ug/ml
11) T n-Heneicosane (C21)	13.244	2459667	20.616 ug/ml
13) T n-Docosane (C22)	13.829	2434998	20.553 ug/ml
14) T n-Tetracosane (C24)	14.931	2428655	20.525 ug/ml
15) T n-Hexacosane (C26)	15.950	2347920	20.606 ug/ml
16) T n-Octacosane (C28)	16.897	2270123	20.870 ug/ml
17) T n-Tricontane (C30)	17.783	2167780	21.429 ug/ml
18) T n-Dotriacontane (C32)	18.613	2009857	21.996 ug/ml
19) T n-Tetratriacontane (C34)	19.393	1855408	21.485 ug/ml
20) T n-Hexatriacontane (C36)	20.129	1695774	19.938 ug/mlm
21) T n-Octatriacontane (C38)	20.871	1616589	21.237 ug/mlm
22) T n-Tetracontane (C40)	21.797	1614093	23.043 ug/mlm

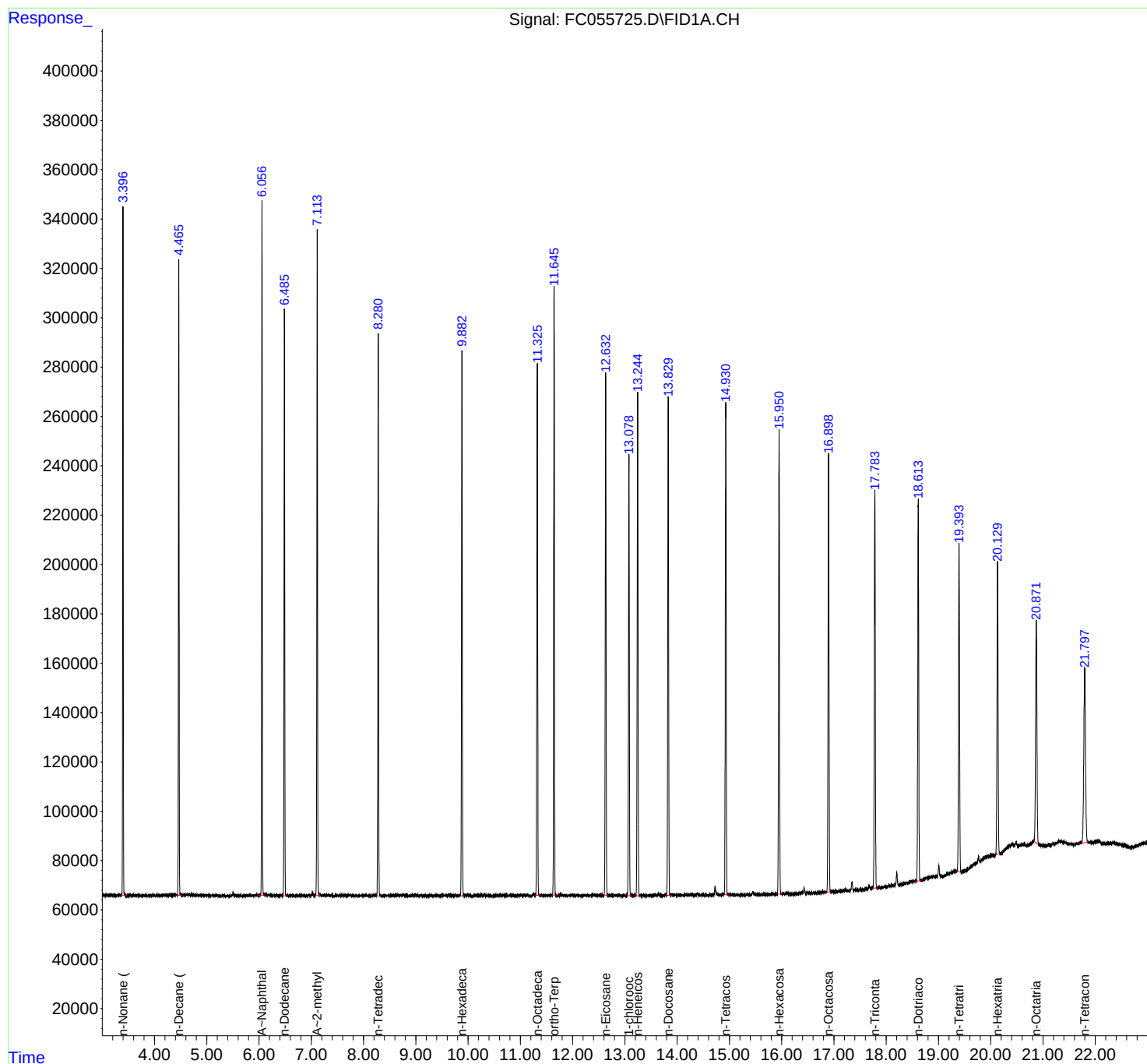
(f)=RT Delta > 1/2 Window

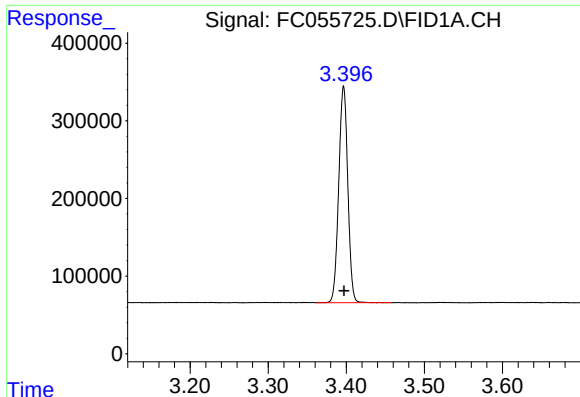
(m)=manual int.

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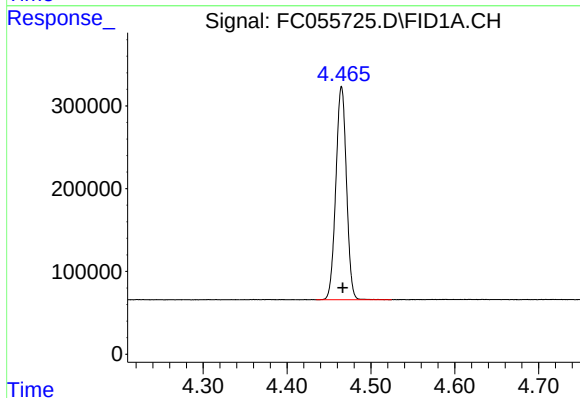
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Signal Info : 20M x 0.18mm x 0.18um





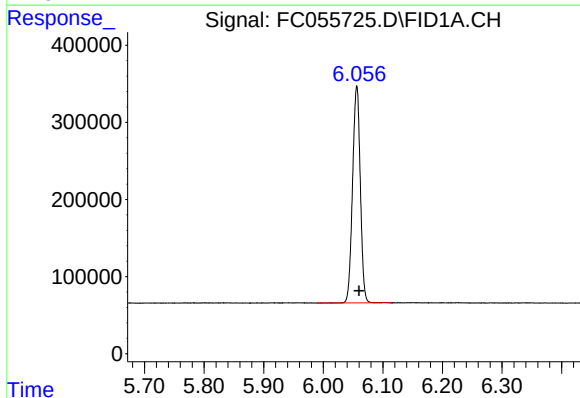
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 2246520
Conc: 20.21 ug/ml



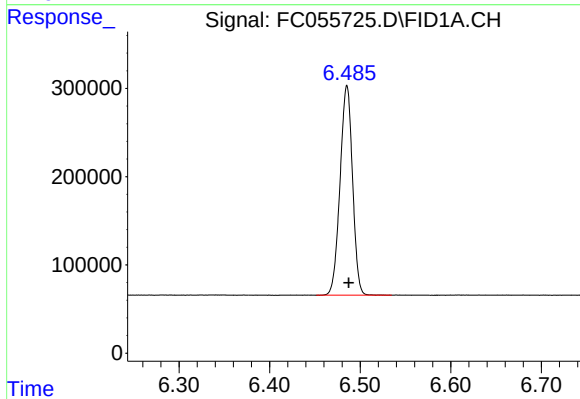
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.002 min
Response: 2268011
Conc: 20.25 ug/ml



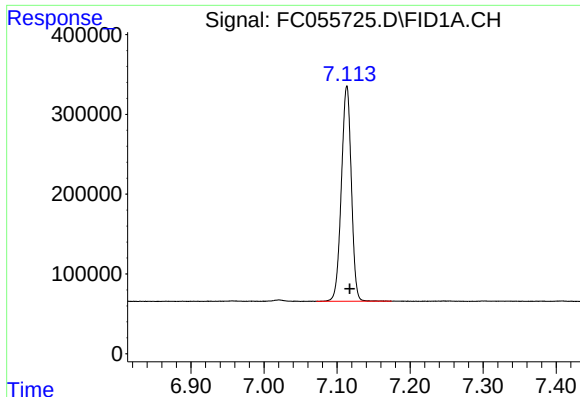
#3 A~Naphthalene (C11.7)

R.T.: 6.056 min
Delta R.T.: -0.004 min
Response: 2533376
Conc: 20.18 ug/ml



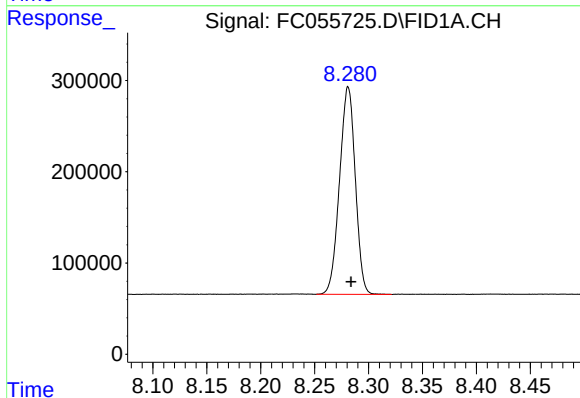
#4 n-Dodecane (C12)

R.T.: 6.485 min
Delta R.T.: -0.002 min
Response: 2274932
Conc: 20.33 ug/ml



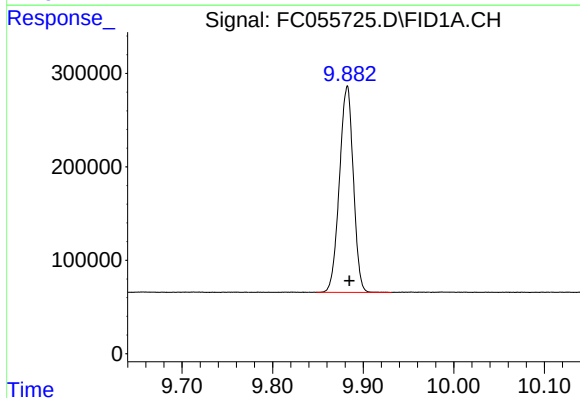
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.113 min
Delta R.T.: -0.004 min
Response: 2553074
Conc: 20.19 ug/ml



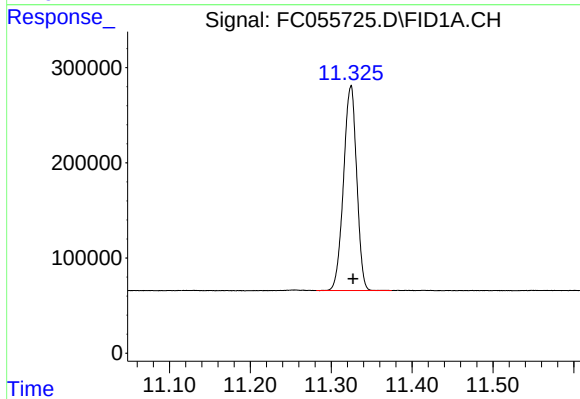
#6 n-Tetradecane (C14)

R.T.: 8.281 min
Delta R.T.: -0.003 min
Response: 2314856
Conc: 20.45 ug/ml



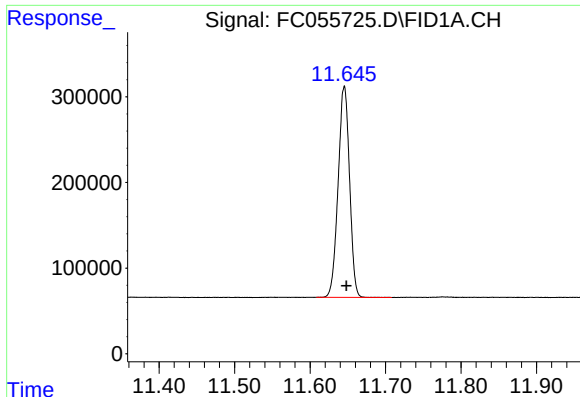
#7 n-Hexadecane (C16)

R.T.: 9.882 min
Delta R.T.: -0.003 min
Response: 2351655
Conc: 20.58 ug/ml



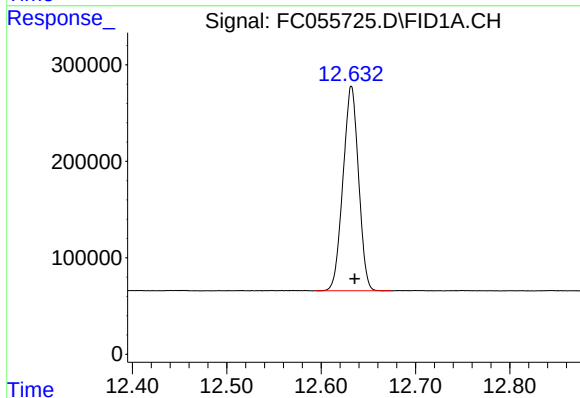
#8 n-Octadecane (C18)

R.T.: 11.324 min
Delta R.T.: -0.003 min
Response: 2431709
Conc: 20.49 ug/ml



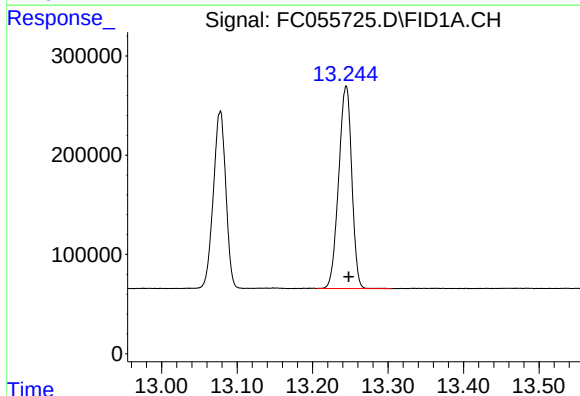
#9 ortho-Terphenyl (SURR)

R.T.: 11.645 min
Delta R.T.: -0.003 min
Response: 2592176
Conc: 20.53 ug/ml



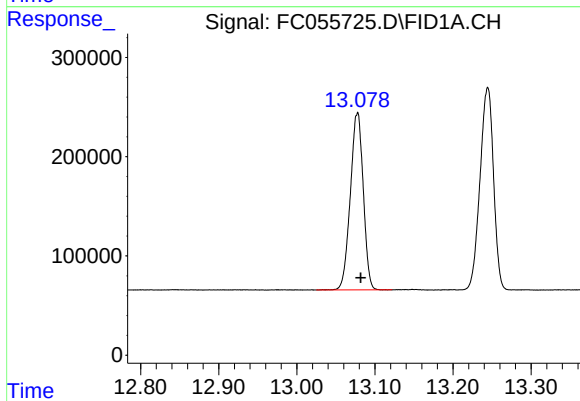
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: -0.004 min
Response: 2428467
Conc: 20.57 ug/ml



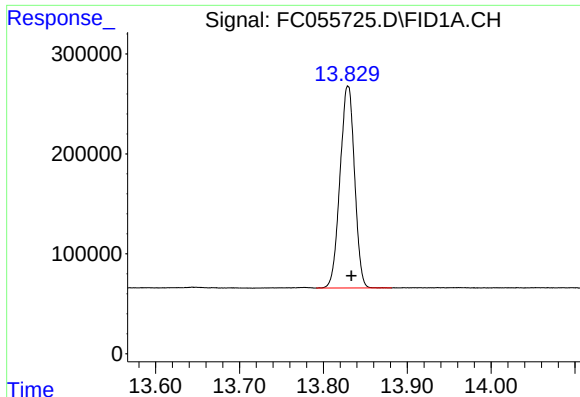
#11 n-Heneicosane (C21)

R.T.: 13.244 min
Delta R.T.: -0.003 min
Response: 2459667
Conc: 20.62 ug/ml



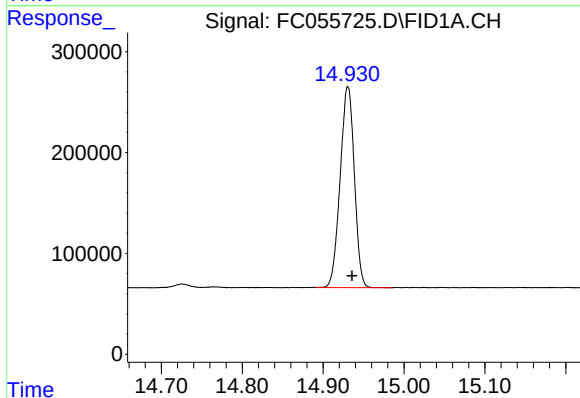
#12 1-chlorooctadecane (SURR)

R.T.: 13.077 min
Delta R.T.: -0.004 min
Response: 2055139
Conc: 20.80 ug/ml



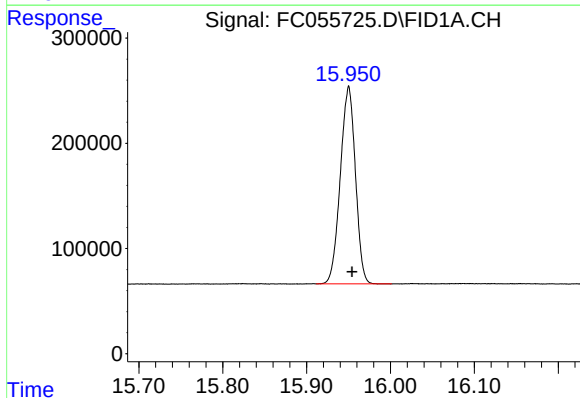
#13 n-Docosane (C22)

R.T.: 13.829 min
Delta R.T.: -0.004 min
Response: 2434998
Conc: 20.55 ug/ml



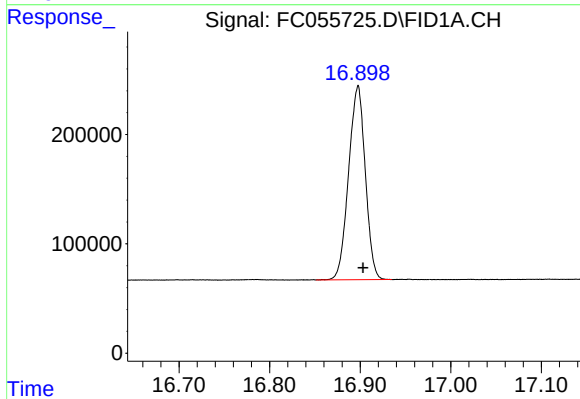
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: -0.005 min
Response: 2428655
Conc: 20.52 ug/ml



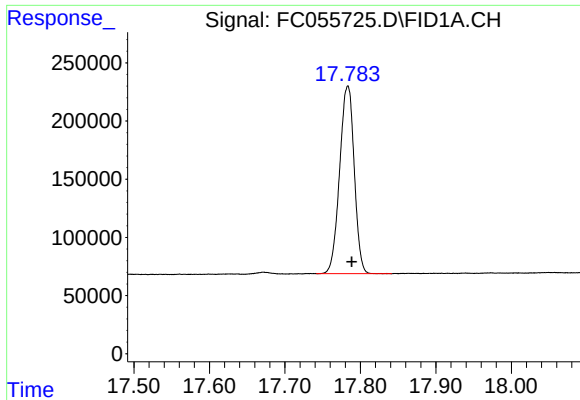
#15 n-Hexacosane (C26)

R.T.: 15.950 min
Delta R.T.: -0.004 min
Response: 2347920
Conc: 20.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.897 min
Delta R.T.: -0.006 min
Response: 2270123
Conc: 20.87 ug/ml



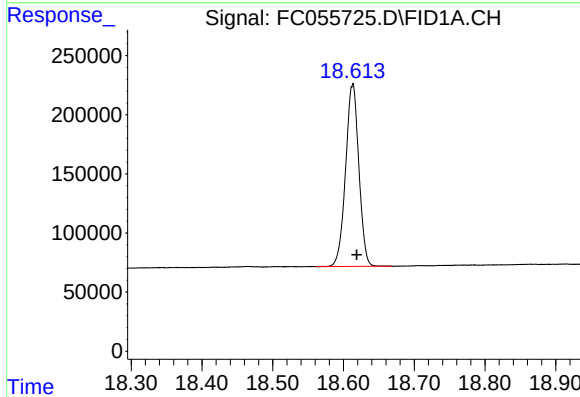
#17 n-Tricontane (C30)

R.T.: 17.783 min

Delta R.T.: -0.005 min

Response: 2167780

Conc: 21.43 ug/ml



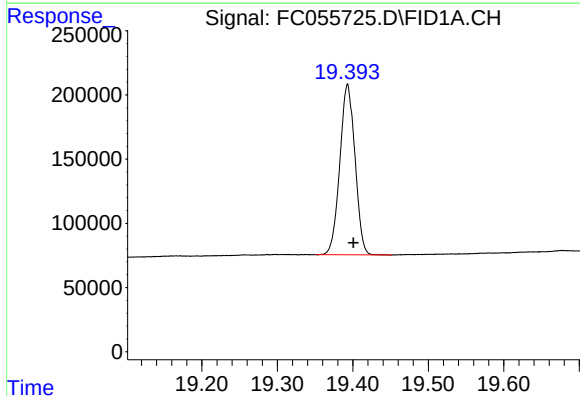
#18 n-Dotriacontane (C32)

R.T.: 18.613 min

Delta R.T.: -0.006 min

Response: 2009857

Conc: 22.00 ug/ml



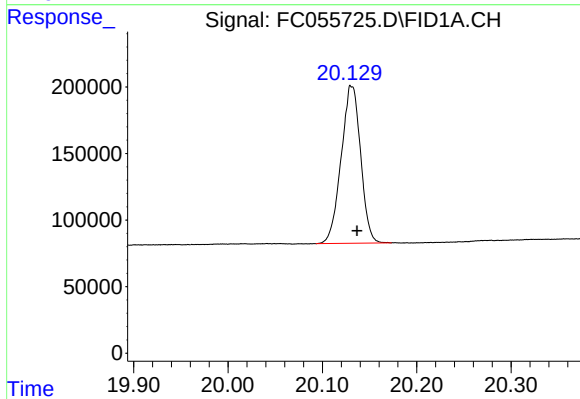
#19 n-Tetratriacontane (C34)

R.T.: 19.393 min

Delta R.T.: -0.008 min

Response: 1855408

Conc: 21.49 ug/ml



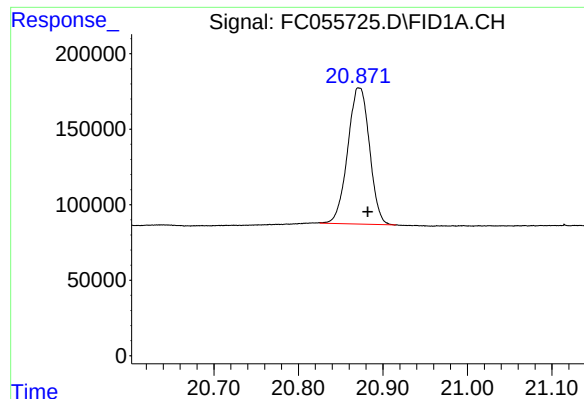
#20 n-Hexatriacontane (C36)

R.T.: 20.129 min

Delta R.T.: -0.008 min

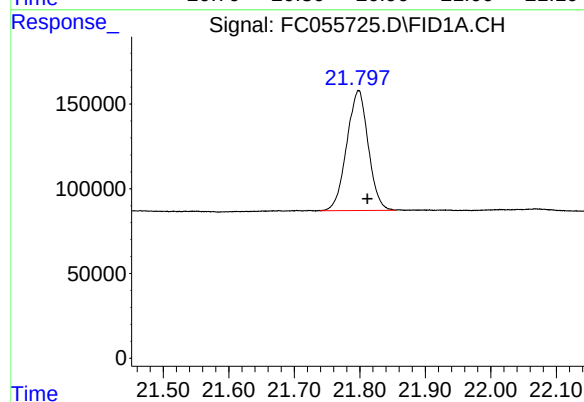
Response: 1695774

Conc: 19.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.871 min
Delta R.T.: -0.011 min
Response: 1616589
Conc: 21.24 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.797 min
Delta R.T.: -0.015 min
Response: 1614093
Conc: 23.04 ug/ml m