

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011121AL\
 Data File : FC051688.D
 Signal(s) : FID1A.CH
 Acq On : 12 Jan 2021 13:27
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 12 13:56:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 00:58:51 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)	11.673	2573839	20.660 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
12) S 1-chlorooctadecane (S...	13.108	2034320	20.536 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
Target Compounds			
1) T n-Nonane (C9)	3.407	2302226	20.622 ug/ml
2) T n-Decane (C10)	4.479	2329272	20.770 ug/ml
3) T A~Naphthalene (C11.7)	6.073	2631556	20.946 ug/ml
4) T n-Dodecane (C12)	6.505	2366939	20.986 ug/ml
5) T A~2-methylnaphthalene...	7.133	2690623	21.056 ug/ml
6) T n-Tetradecane (C14)	8.304	2387268	21.330 ug/ml
7) T n-Hexadecane (C16)	9.907	2347015	21.247 ug/ml
8) T n-Octadecane (C18)	11.351	2423869	21.118 ug/ml
10) T n-Eicosane (C20)	12.663	2407987	20.780 ug/ml
11) T n-Heneicosane (C21)	13.275	2389147	20.630 ug/ml
13) T n-Docosane (C22)	13.861	2360002	20.468 ug/ml
14) T n-Tetracosane (C24)	14.966	2295387	19.968 ug/ml
15) T n-Hexacosane (C26)	15.989	2198584	19.532 ug/ml
16) T n-Octacosane (C28)	16.939	2089984	18.898 ug/ml
17) T n-Tricontane (C30)	17.828	2006944	18.986 ug/ml
18) T n-Dotriacontane (C32)	18.660	1830496	19.276 ug/ml
19) T n-Tetratriacontane (C34)	19.445	1694815	19.774 ug/mlm
20) T n-Hexatriacontane (C36)	20.185	1585617	20.500 ug/mlm
21) T n-Octatriacontane (C38)	20.940	1566242	21.458 ug/mlm
22) T n-Tetracontane (C40)	21.884	1694269	22.741 ug/mlm

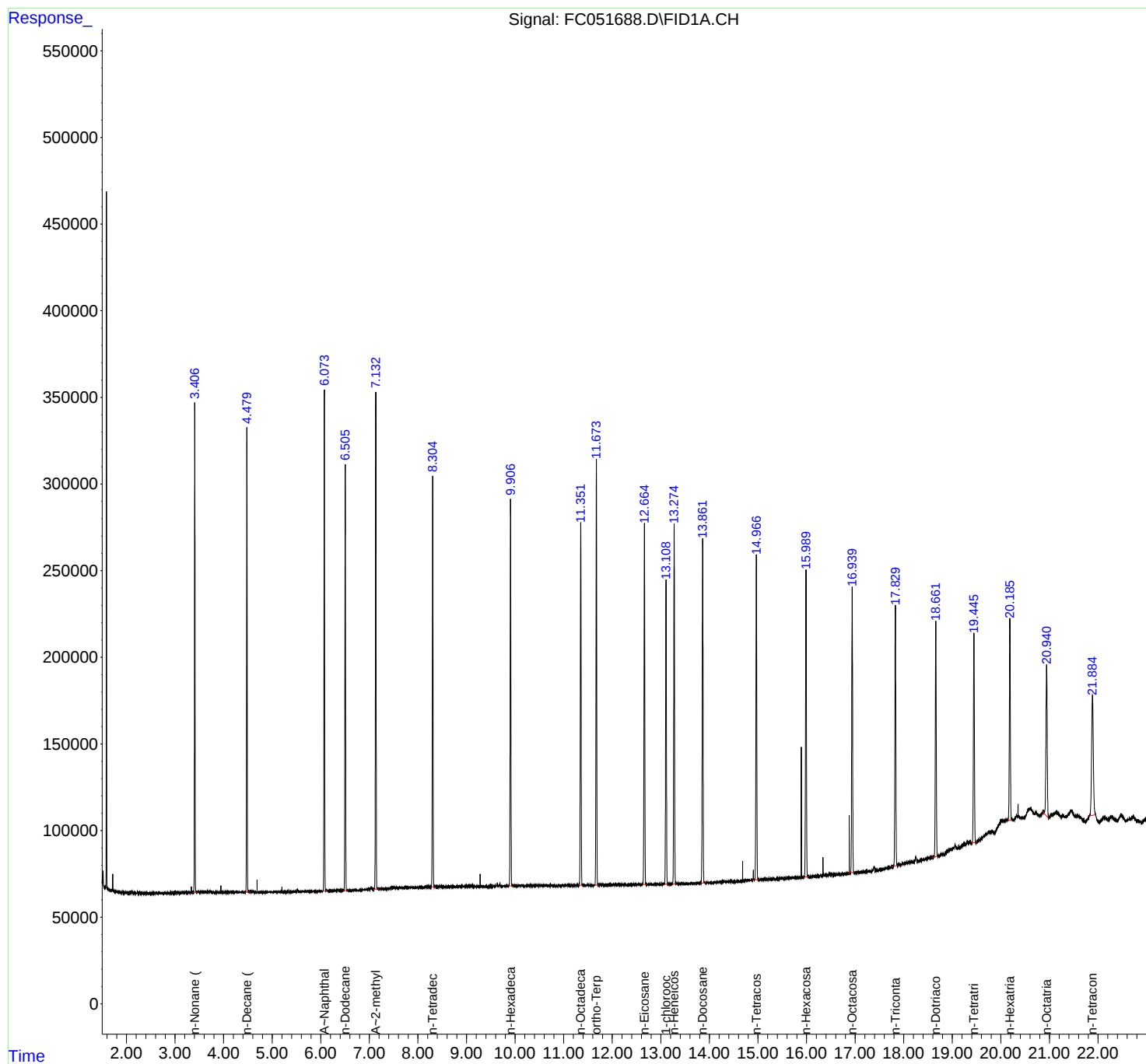
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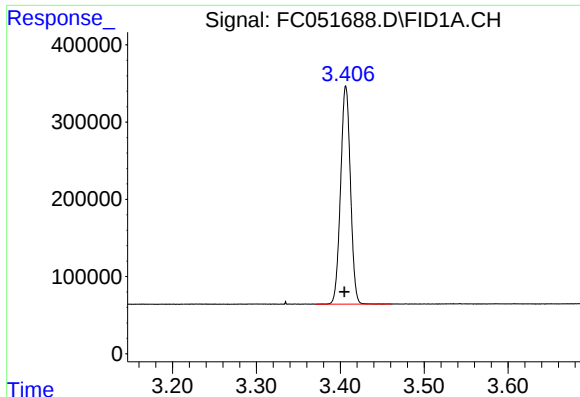
(m)=manual int.

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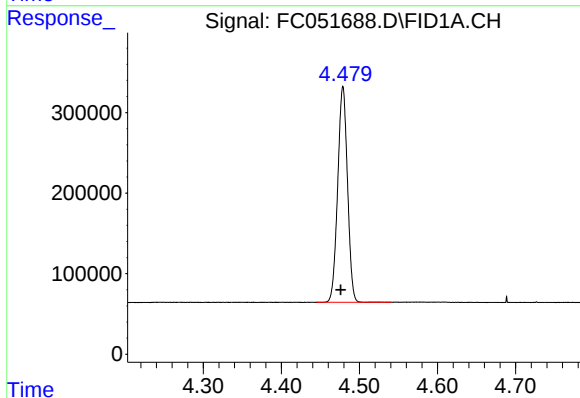
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





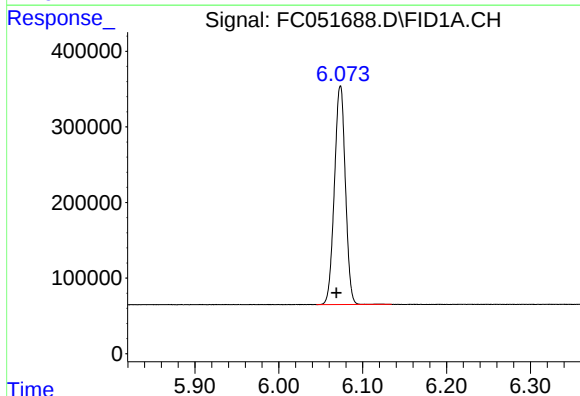
#1 n-Nonane (C9)

R.T.: 3.407 min
Delta R.T.: 0.002 min
Response: 2302226
Conc: 20.62 ug/ml



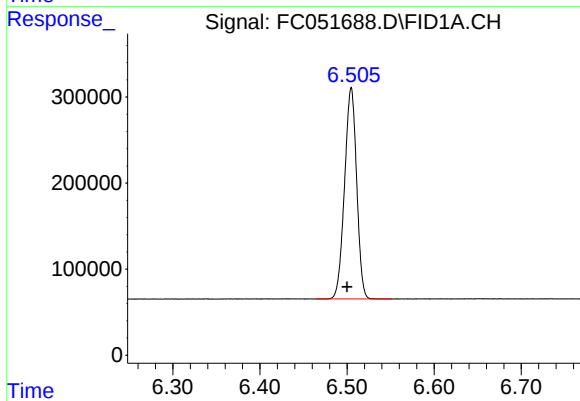
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: 0.003 min
Response: 2329272
Conc: 20.77 ug/ml



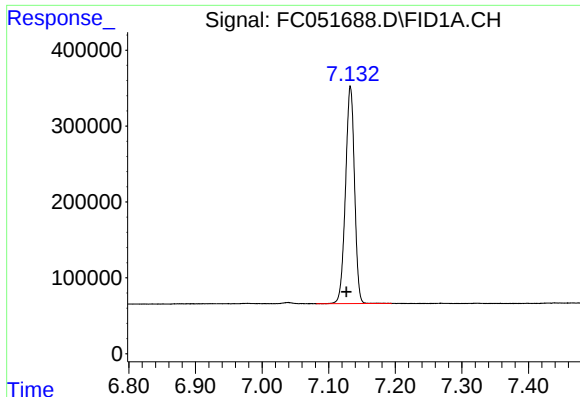
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.005 min
Response: 2631556
Conc: 20.95 ug/ml



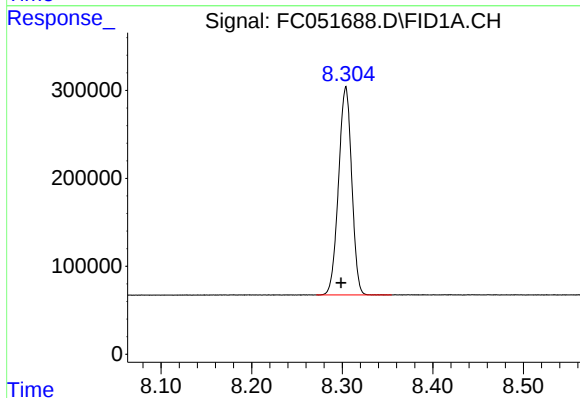
#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: 0.004 min
Response: 2366939
Conc: 20.99 ug/ml



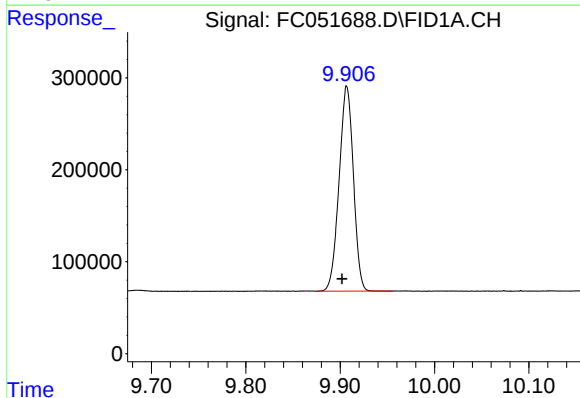
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: 0.006 min
Response: 2690623
Conc: 21.06 ug/ml



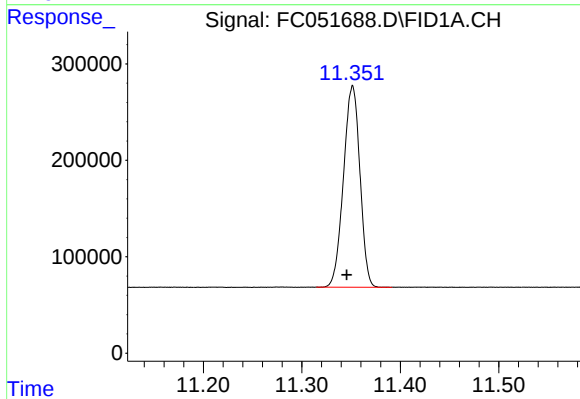
#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: 0.005 min
Response: 2387268
Conc: 21.33 ug/ml



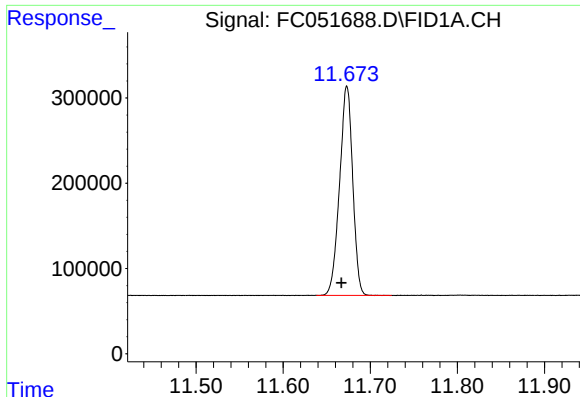
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: 0.005 min
Response: 2347015
Conc: 21.25 ug/ml



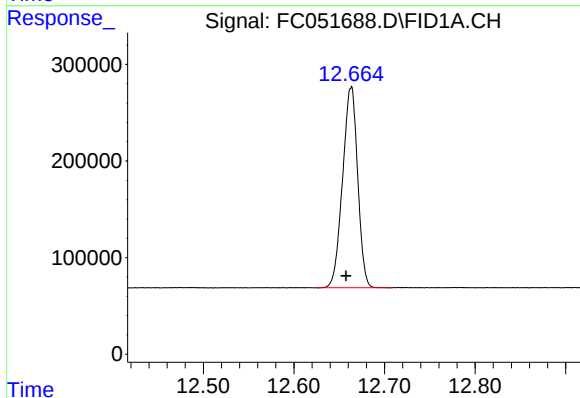
#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: 0.006 min
Response: 2423869
Conc: 21.12 ug/ml



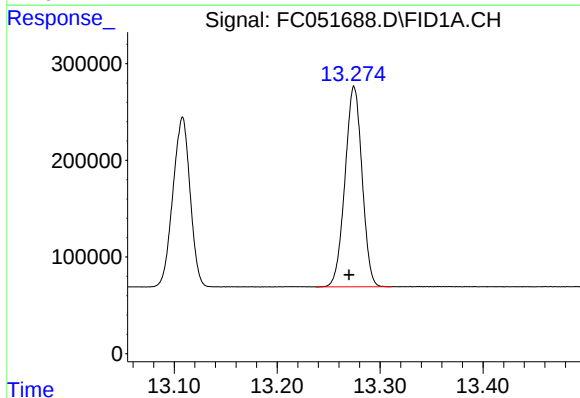
#9 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: 0.006 min
Response: 2573839
Conc: 20.66 ug/ml



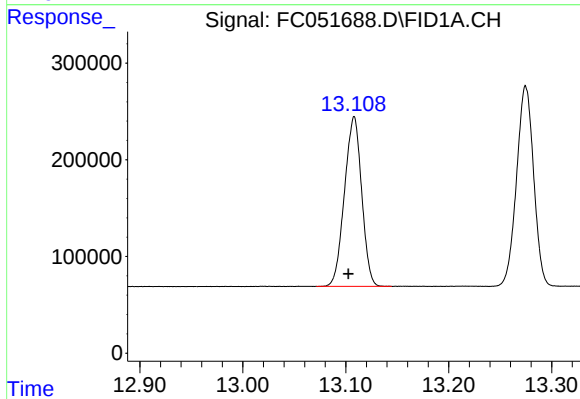
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: 0.005 min
Response: 2407987
Conc: 20.78 ug/ml



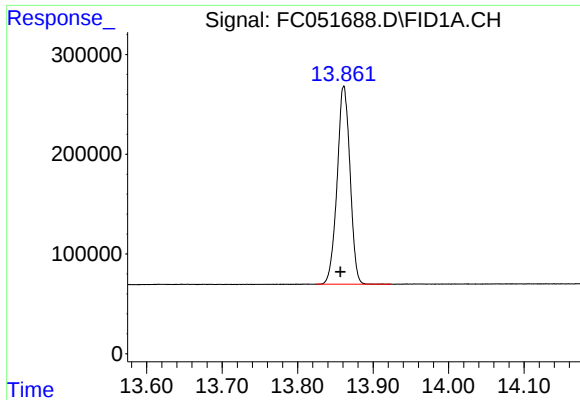
#11 n-Heneicosane (C21)

R.T.: 13.275 min
Delta R.T.: 0.005 min
Response: 2389147
Conc: 20.63 ug/ml



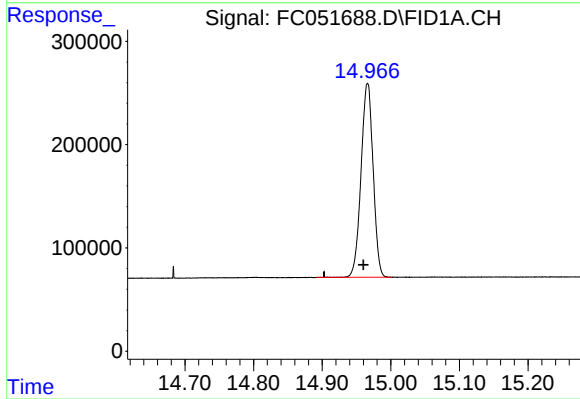
#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: 0.005 min
Response: 2034320
Conc: 20.54 ug/ml



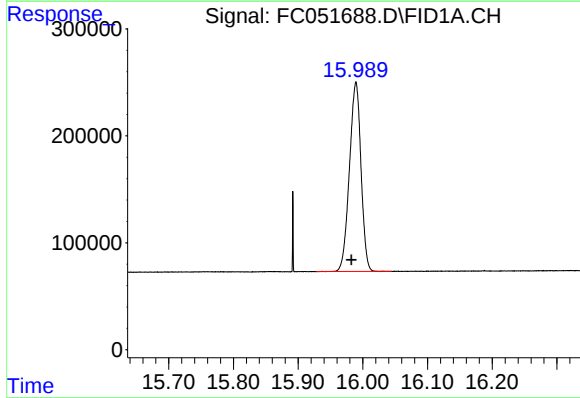
#13 n-Docosane (C22)

R.T.: 13.861 min
Delta R.T.: 0.005 min
Response: 2360002
Conc: 20.47 ug/ml



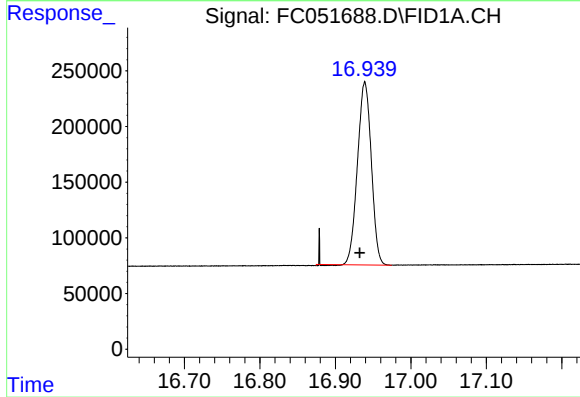
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: 0.006 min
Response: 2295387
Conc: 19.97 ug/ml



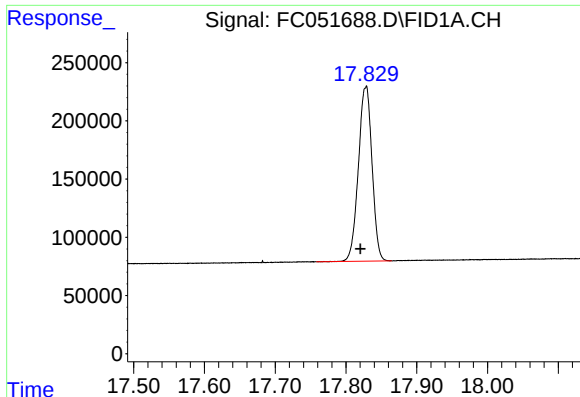
#15 n-Hexacosane (C26)

R.T.: 15.989 min
Delta R.T.: 0.007 min
Response: 2198584
Conc: 19.53 ug/ml



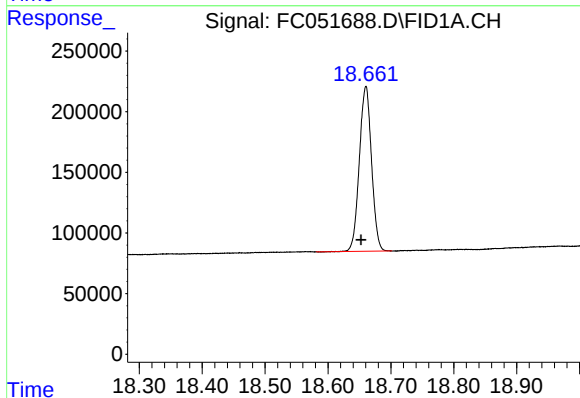
#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: 0.007 min
Response: 2089984
Conc: 18.90 ug/ml



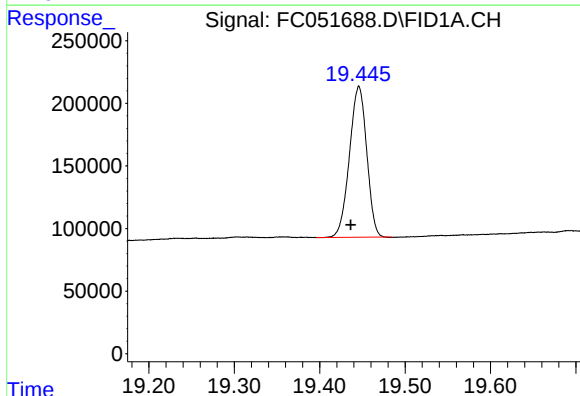
#17 n-Tricontane (C30)

R.T.: 17.828 min
Delta R.T.: 0.008 min
Response: 2006944
Conc: 18.99 ug/ml



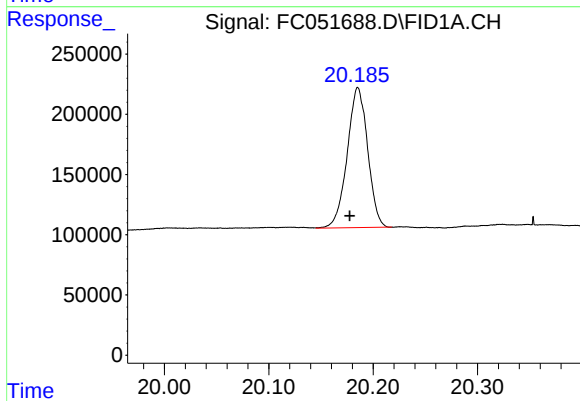
#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: 0.008 min
Response: 1830496
Conc: 19.28 ug/ml



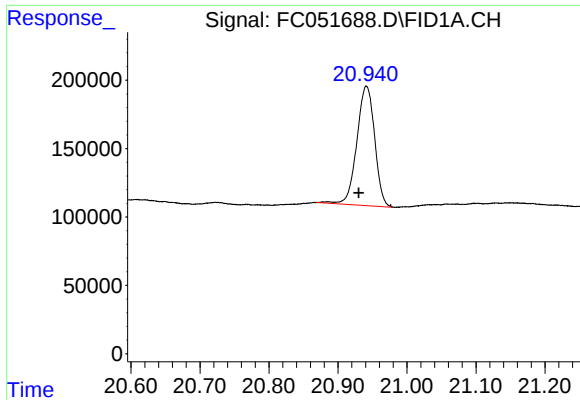
#19 n-Tetratriacontane (C34)

R.T.: 19.445 min
Delta R.T.: 0.009 min
Response: 1694815
Conc: 19.77 ug/ml m



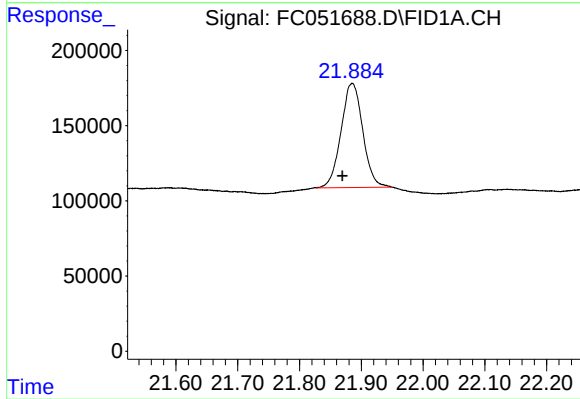
#20 n-Hexatriacontane (C36)

R.T.: 20.185 min
Delta R.T.: 0.007 min
Response: 1585617
Conc: 20.50 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.940 min
Delta R.T.: 0.010 min
Response: 1566242
Conc: 21.46 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.884 min
Delta R.T.: 0.014 min
Response: 1694269
Conc: 22.74 ug/ml m