

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040820AL\
 Data File : FC046720.D
 Signal(s) : FID1A.CH
 Acq On : 08 Apr 2020 15:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 09 02:24:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 2020
 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)	11.764	2363006	21.616 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
12) S 1-chlorooctadecane (S...	13.180	1838715	21.336 ug/ml
Spiked Amount 50.000		Recovery =	42.67%
Target Compounds			
1) T n-Nonane (C9)	3.544	2304424	23.995 ug/ml
2) T n-Decane (C10)	4.613	2321410	24.170 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2427365	24.226 ug/ml
4) T n-Dodecane (C12)	6.621	2347674	24.052 ug/ml
5) T A~2-methylnaphthalene...	7.265	2441128	24.145 ug/ml
6) T n-Tetradecane (C14)	8.405	2317817	23.539 ug/ml
7) T n-Hexadecane (C16)	9.996	2294988	22.988 ug/ml
8) T n-Octadecane (C18)	11.430	2273137	22.396 ug/ml
10) T n-Eicosane (C20)	12.733	2223899	21.754 ug/ml
11) T n-Heneicosane (C21)	13.343	2206318	21.399 ug/ml
13) T n-Docosane (C22)	13.926	2181534	21.251 ug/ml
14) T n-Tetracosane (C24)	15.024	2166990	20.993 ug/ml
15) T n-Hexacosane (C26)	16.041	2113644	20.601 ug/ml
16) T n-Octacosane (C28)	16.985	2079264	20.430 ug/ml
17) T n-Tricontane (C30)	17.870	1996567	20.379 ug/ml
18) T n-Dotriacontane (C32)	18.698	1700128	20.278 ug/ml
19) T n-Tetratriacontane (C34)	19.478	1470873	20.530 ug/ml
20) T n-Hexatriacontane (C36)	20.214	1407646	20.094 ug/mlm
21) T n-Octatriacontane (C38)	20.981	1383657	21.927 ug/ml
22) T n-Tetracontane (C40)	21.944	1402751	20.271 ug/ml

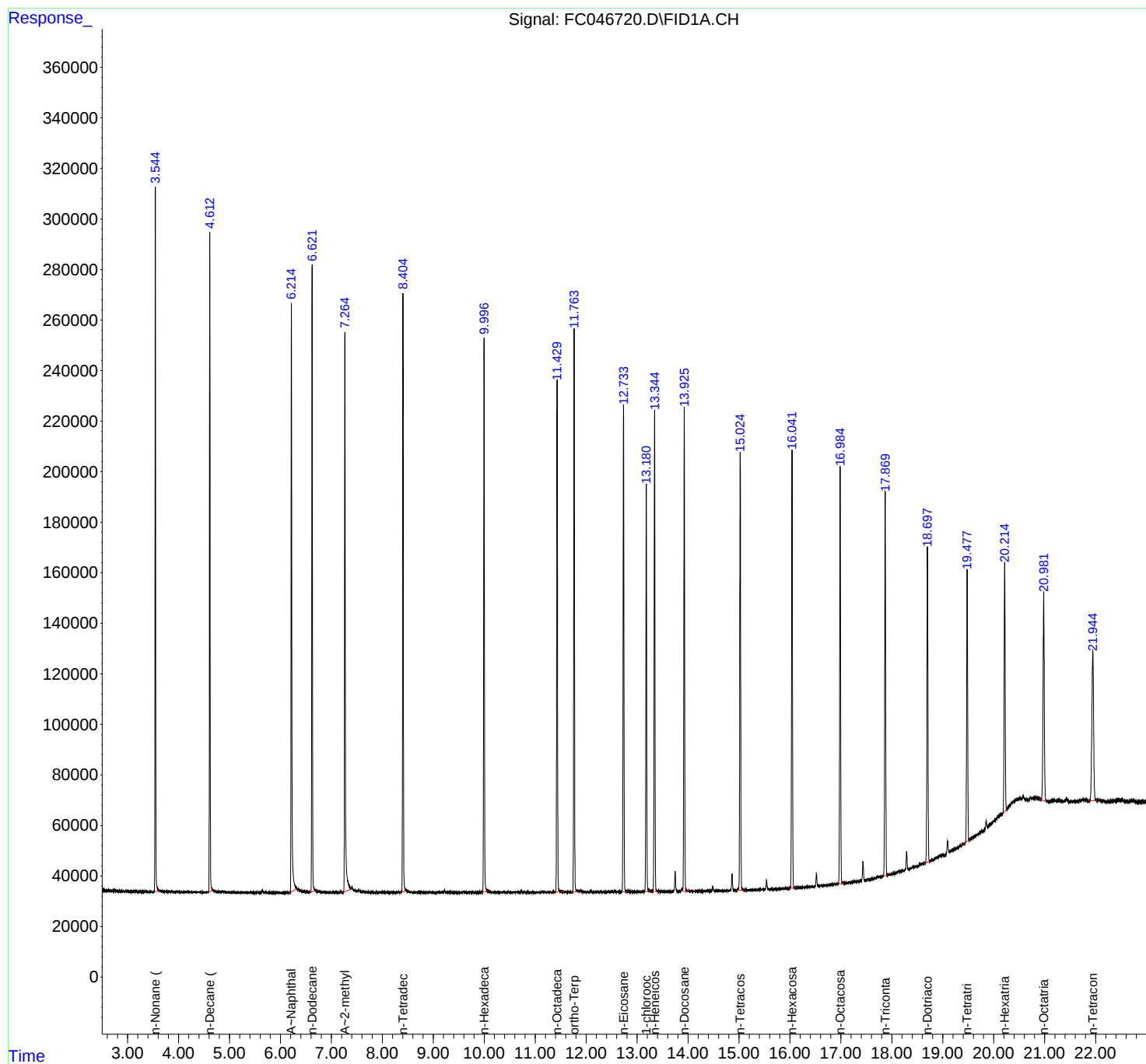
(f)=RT Delta > 1/2 Window

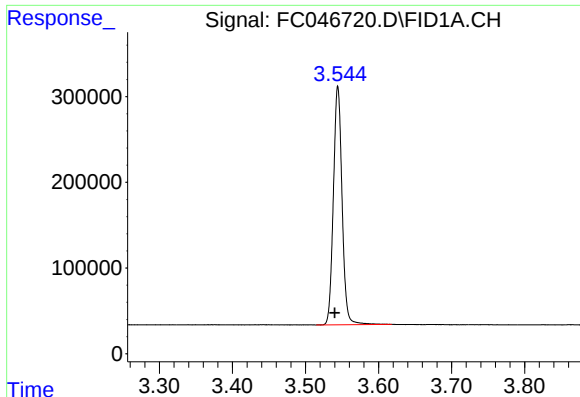
(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
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QLast Update : Tue Mar 24 12:45:07 2020
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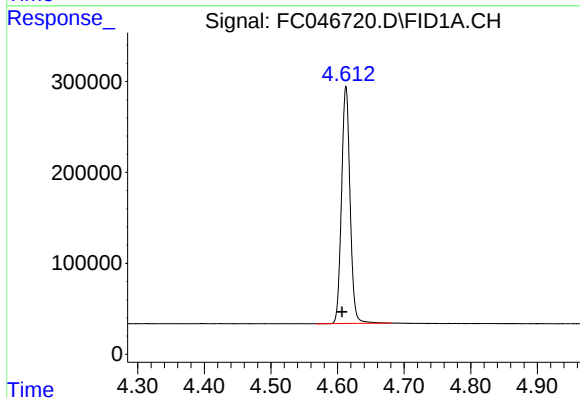
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





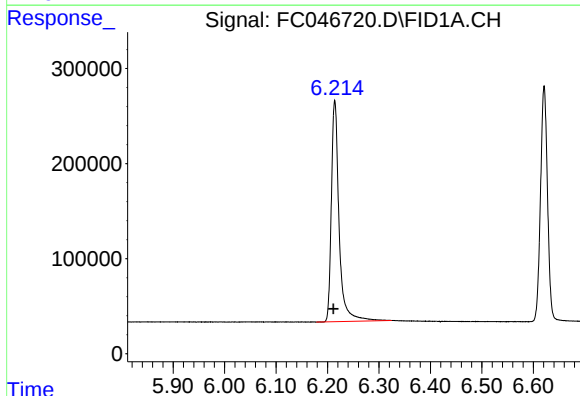
#1 n-Nonane (C9)

R.T.: 3.544 min
Delta R.T.: 0.004 min
Response: 2304424
Conc: 24.00 ug/ml



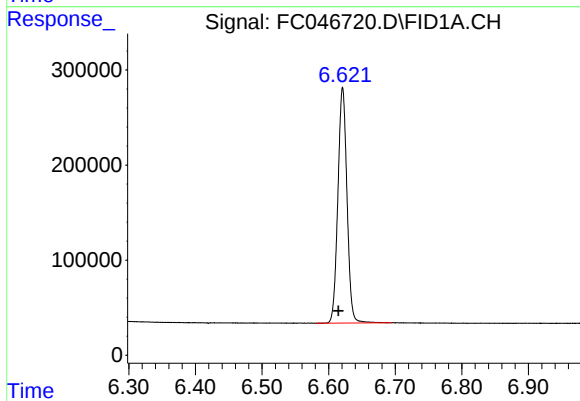
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: 0.006 min
Response: 2321410
Conc: 24.17 ug/ml



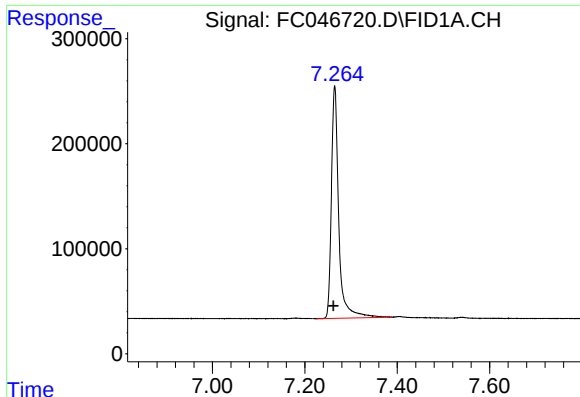
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.003 min
Response: 2427365
Conc: 24.23 ug/ml



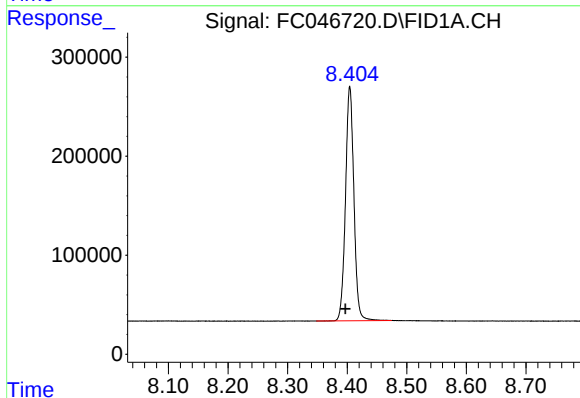
#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: 0.007 min
Response: 2347674
Conc: 24.05 ug/ml



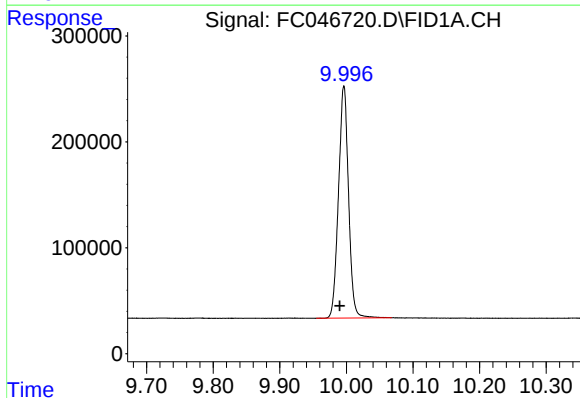
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 2441128
Conc: 24.15 ug/ml



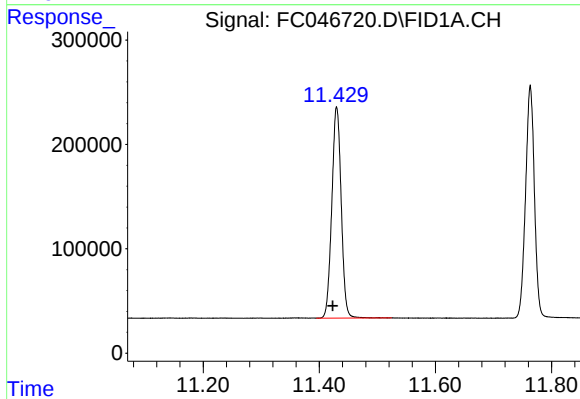
#6 n-Tetradecane (C14)

R.T.: 8.405 min
Delta R.T.: 0.007 min
Response: 2317817
Conc: 23.54 ug/ml



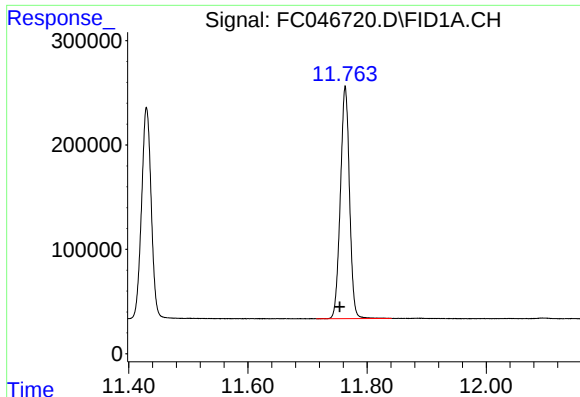
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: 0.006 min
Response: 2294988
Conc: 22.99 ug/ml



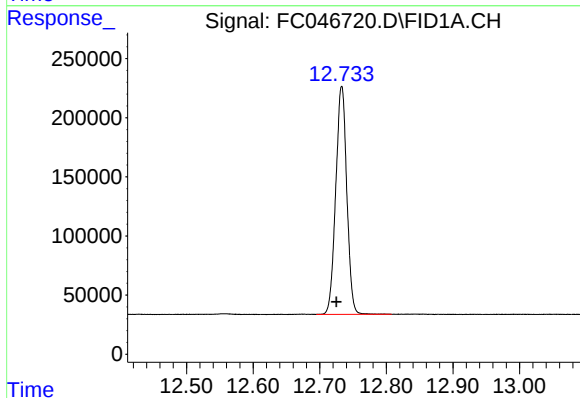
#8 n-Octadecane (C18)

R.T.: 11.430 min
Delta R.T.: 0.007 min
Response: 2273137
Conc: 22.40 ug/ml



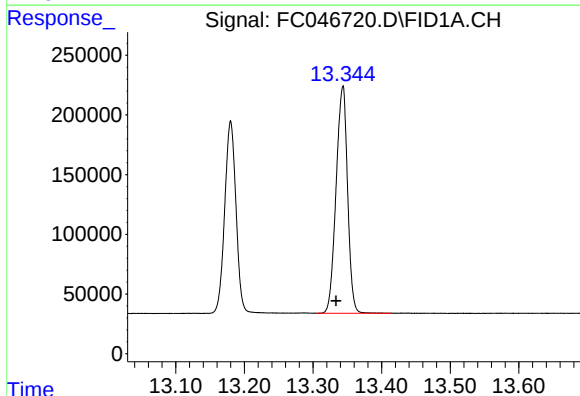
#9 ortho-Terphenyl (SURR)

R.T.: 11.764 min
Delta R.T.: 0.009 min
Response: 2363006
Conc: 21.62 ug/ml



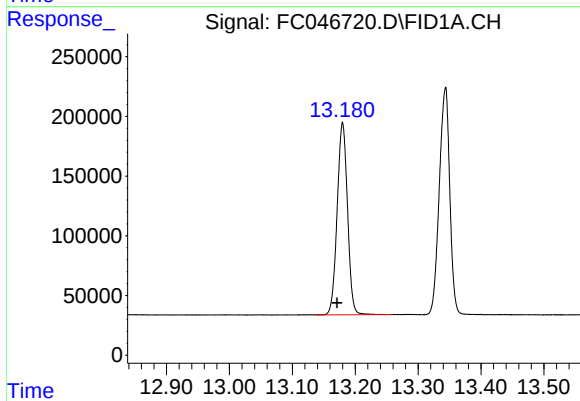
#10 n-Eicosane (C20)

R.T.: 12.733 min
Delta R.T.: 0.008 min
Response: 2223899
Conc: 21.75 ug/ml



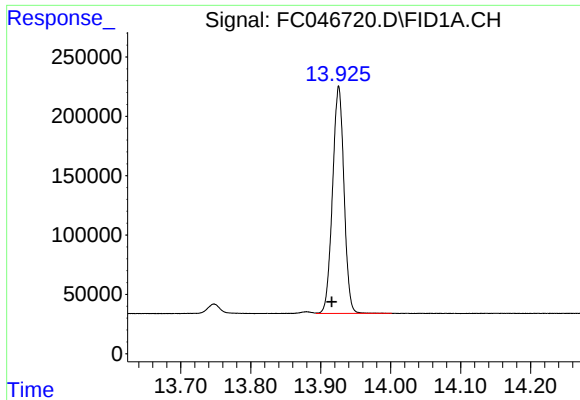
#11 n-Heneicosane (C21)

R.T.: 13.343 min
Delta R.T.: 0.009 min
Response: 2206318
Conc: 21.40 ug/ml



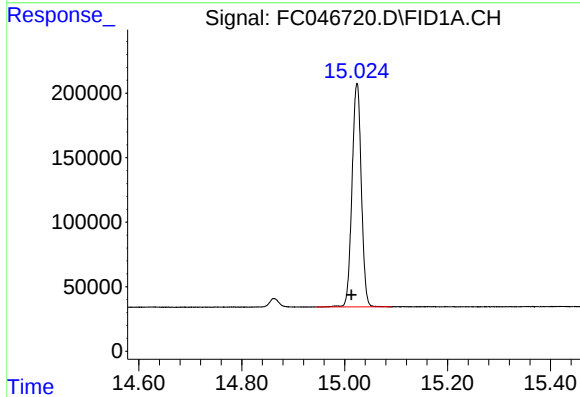
#12 1-chlorooctadecane (SURR)

R.T.: 13.180 min
Delta R.T.: 0.009 min
Response: 1838715
Conc: 21.34 ug/ml



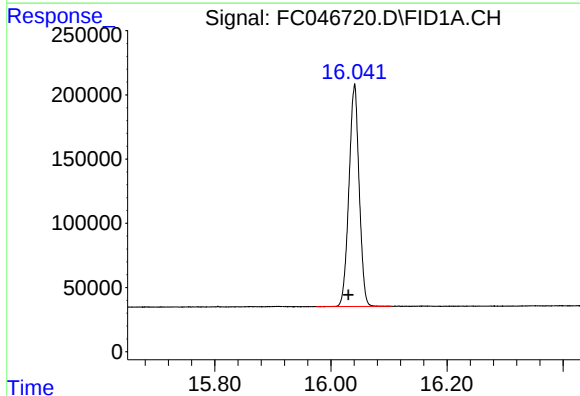
#13 n-Docosane (C22)

R.T.: 13.926 min
Delta R.T.: 0.010 min
Response: 2181534
Conc: 21.25 ug/ml



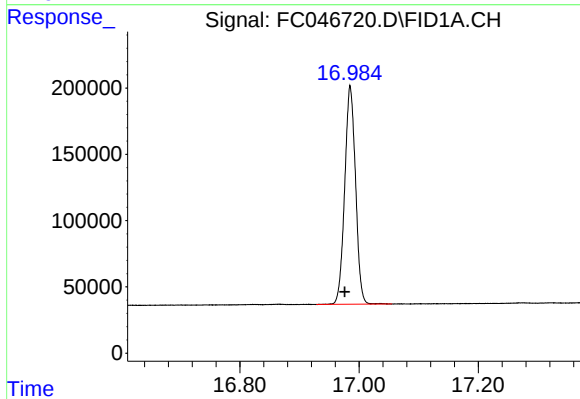
#14 n-Tetracosane (C24)

R.T.: 15.024 min
Delta R.T.: 0.011 min
Response: 2166990
Conc: 20.99 ug/ml



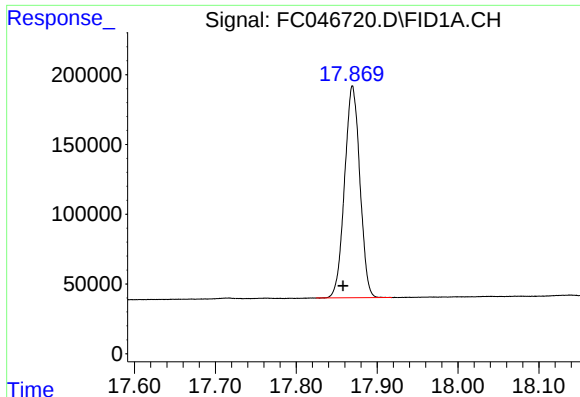
#15 n-Hexacosane (C26)

R.T.: 16.041 min
Delta R.T.: 0.011 min
Response: 2113644
Conc: 20.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.985 min
Delta R.T.: 0.010 min
Response: 2079264
Conc: 20.43 ug/ml



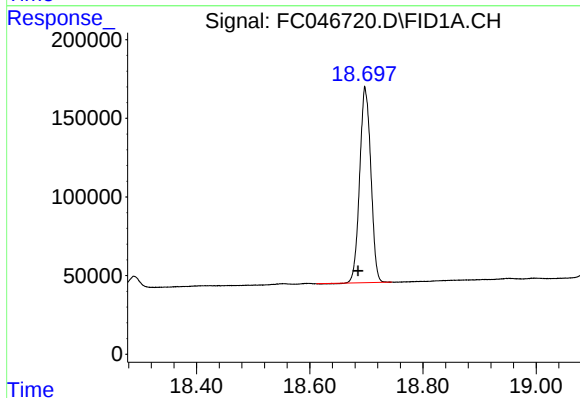
#17 n-Tricontane (C30)

R.T.: 17.870 min

Delta R.T.: 0.012 min

Response: 1996567

Conc: 20.38 ug/ml



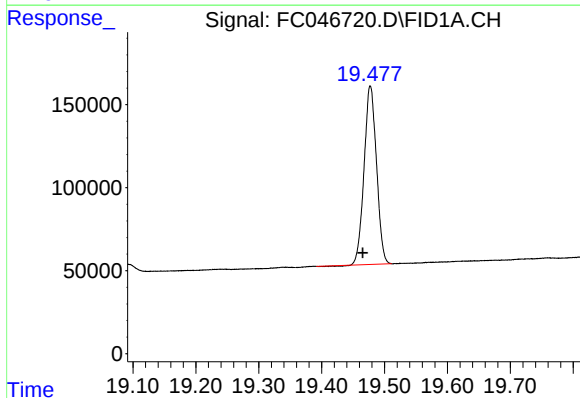
#18 n-Dotriacontane (C32)

R.T.: 18.698 min

Delta R.T.: 0.013 min

Response: 1700128

Conc: 20.28 ug/ml



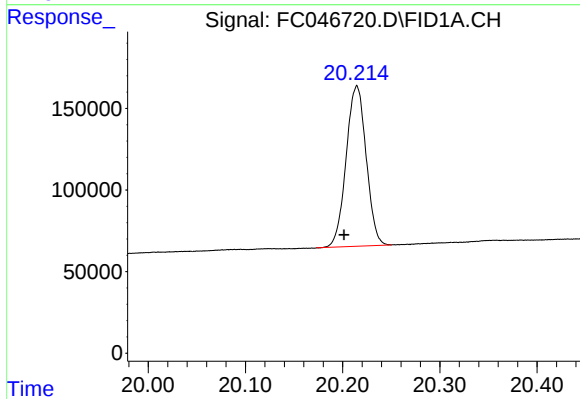
#19 n-Tetratriacontane (C34)

R.T.: 19.478 min

Delta R.T.: 0.012 min

Response: 1470873

Conc: 20.53 ug/ml



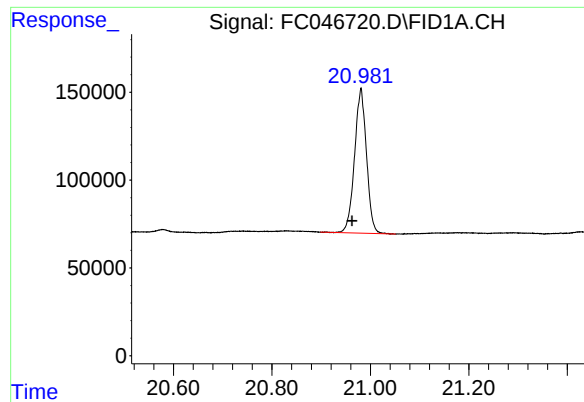
#20 n-Hexatriacontane (C36)

R.T.: 20.214 min

Delta R.T.: 0.013 min

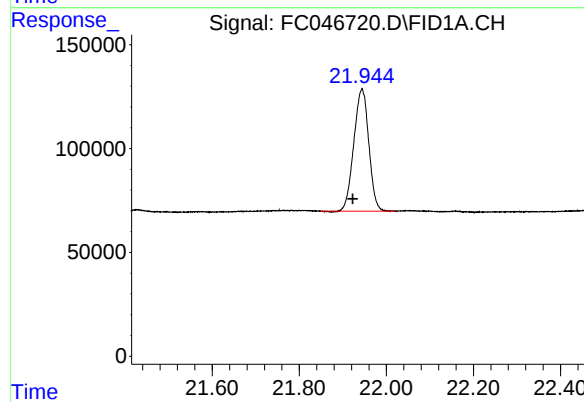
Response: 1407646

Conc: 20.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.981 min
Delta R.T.: 0.018 min
Response: 1383657
Conc: 21.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.944 min
Delta R.T.: 0.021 min
Response: 1402751
Conc: 20.27 ug/ml