

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022420AL\
 Data File : FC045913.D
 Signal(s) : FID1A.CH
 Acq On : 24 Feb 2020 10:02
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 25 00:41:06 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.761	2510964	22.011 ug/ml
Spiked Amount 50.000		Recovery =	44.02%
12) S 1-chlorooctadecane (S...	13.180	1964914	21.903 ug/ml
Spiked Amount 50.000		Recovery =	43.81%
Target Compounds			
1) T n-Nonane (C9)	3.532	2203592	21.861 ug/ml
2) T n-Decane (C10)	4.602	2222297	22.033 ug/ml
3) T A~Naphthalene (C11.7)	6.201	2447999	22.047 ug/ml
4) T n-Dodecane (C12)	6.614	2259139	22.144 ug/ml
5) T A~2-methylnaphthalene...	7.253	2483194	22.324 ug/ml
6) T n-Tetradecane (C14)	8.400	2266361	22.139 ug/ml
7) T n-Hexadecane (C16)	9.994	2294179	22.158 ug/ml
8) T n-Octadecane (C18)	11.429	2320432	22.074 ug/ml
10) T n-Eicosane (C20)	12.733	2323993	21.985 ug/ml
11) T n-Heneicosane (C21)	13.343	2341654	21.955 ug/ml
13) T n-Docosane (C22)	13.927	2329329	21.922 ug/ml
14) T n-Tetracosane (C24)	15.026	2332895	21.797 ug/ml
15) T n-Hexacosane (C26)	16.044	2310072	21.735 ug/ml
16) T n-Octacosane (C28)	16.988	2264749	21.632 ug/ml
17) T n-Tricontane (C30)	17.872	2173679	21.570 ug/ml
18) T n-Dotriacontane (C32)	18.700	1831364	21.399 ug/ml
19) T n-Tetratriacontane (C34)	19.480	1548850	21.340 ug/ml
20) T n-Hexatriacontane (C36)	20.216	1406530	20.798 ug/ml
21) T n-Octatriacontane (C38)	20.983	1269877	21.010 ug/ml
22) T n-Tetracontane (C40)	21.945	1282849	20.404 ug/ml

(f)=RT Delta > 1/2 Window

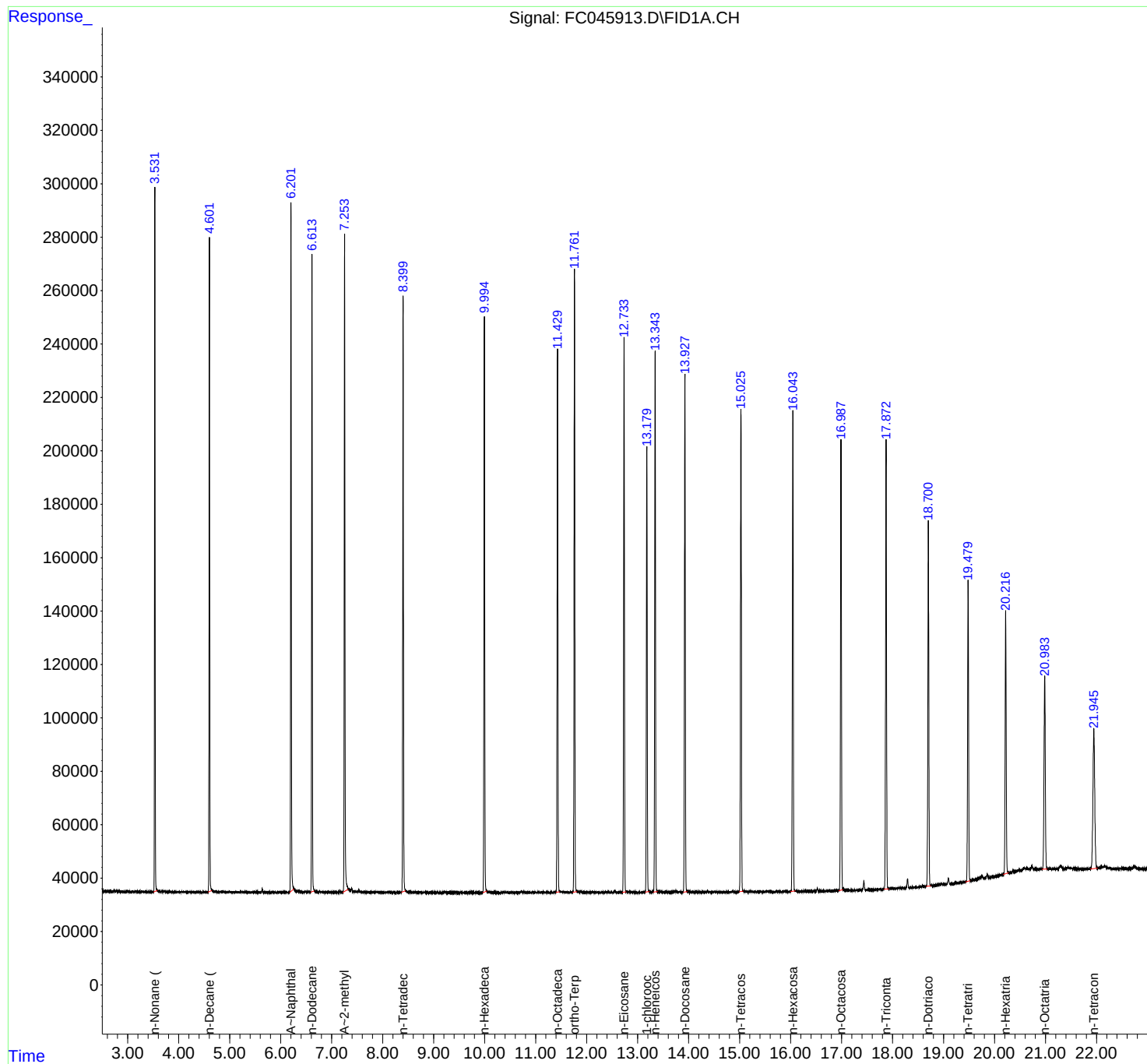
(m)=manual int.

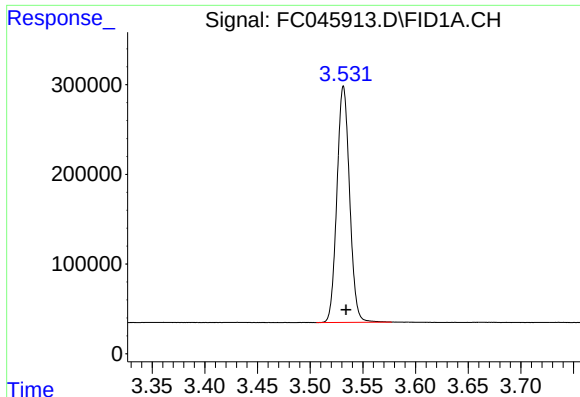
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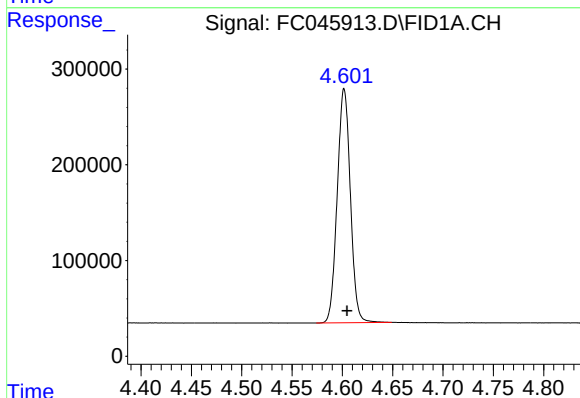




#1 n-Nonane (C9)

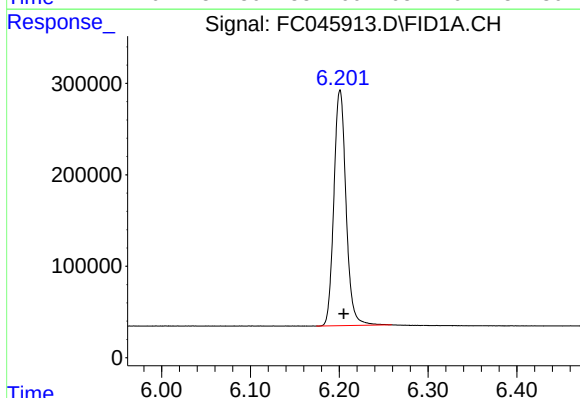
R.T.: 3.532 min
Delta R.T.: -0.002 min
Response: 2203592
Conc: 21.86 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



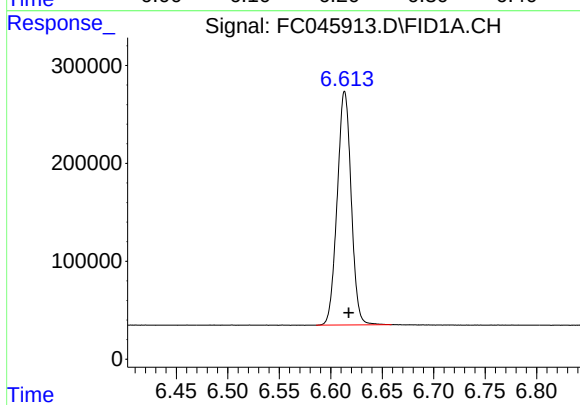
#2 n-Decane (C10)

R.T.: 4.602 min
Delta R.T.: -0.003 min
Response: 2222297
Conc: 22.03 ug/ml



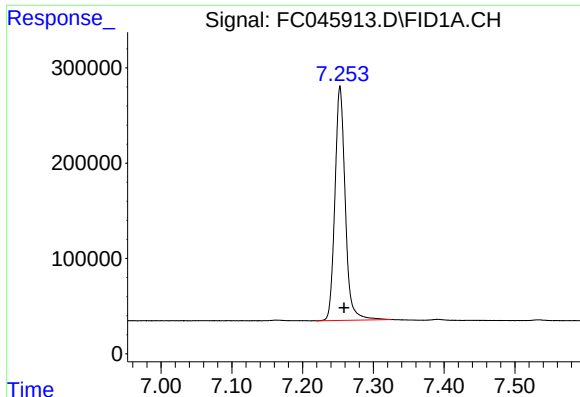
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.004 min
Response: 2447999
Conc: 22.05 ug/ml



#4 n-Dodecane (C12)

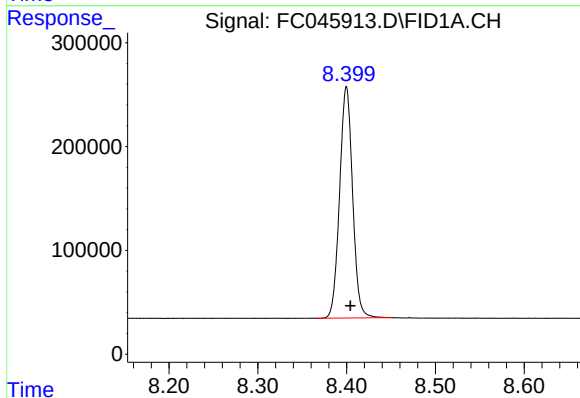
R.T.: 6.614 min
Delta R.T.: -0.004 min
Response: 2259139
Conc: 22.14 ug/ml



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

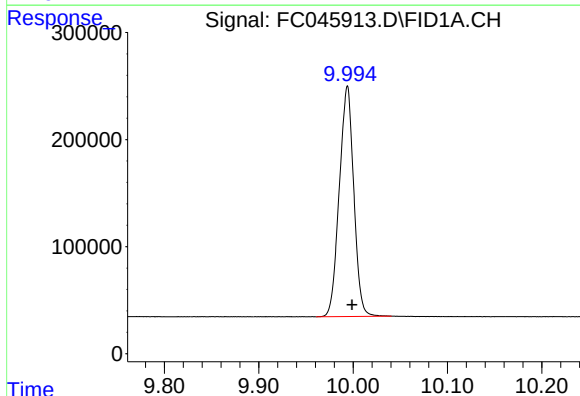
R.T.: 7.253 min
Delta R.T.: -0.006 min
Response: 2483194
Conc: 22.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



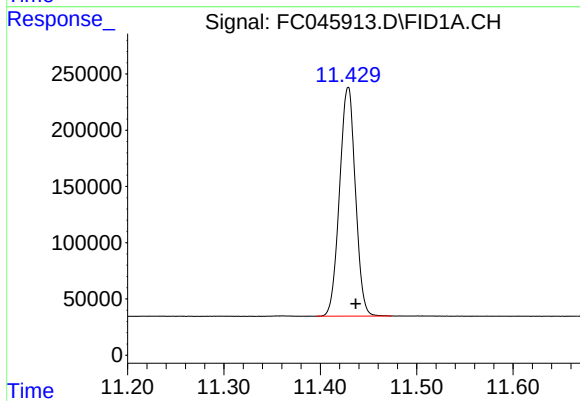
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: -0.005 min
Response: 2266361
Conc: 22.14 ug/ml



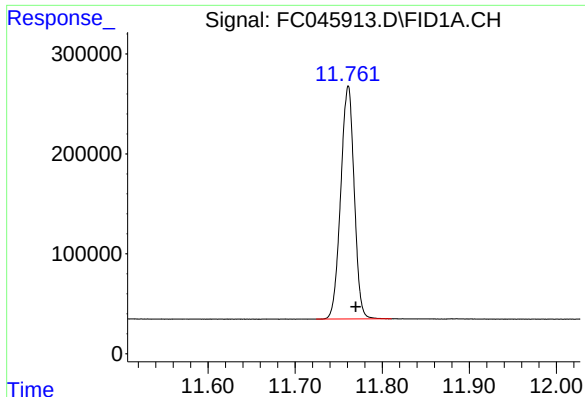
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: -0.005 min
Response: 2294179
Conc: 22.16 ug/ml



#8 n-Octadecane (C18)

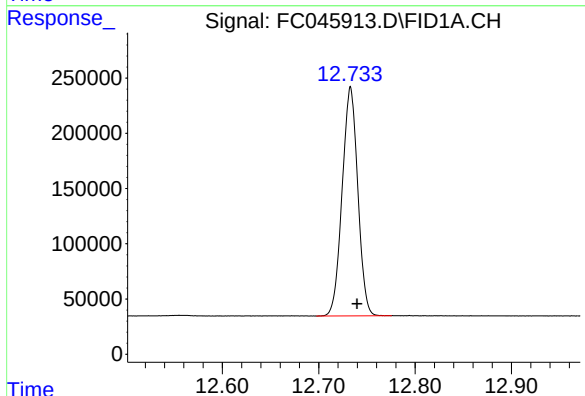
R.T.: 11.429 min
Delta R.T.: -0.008 min
Response: 2320432
Conc: 22.07 ug/ml



#9 ortho-Terphenyl (SURR)

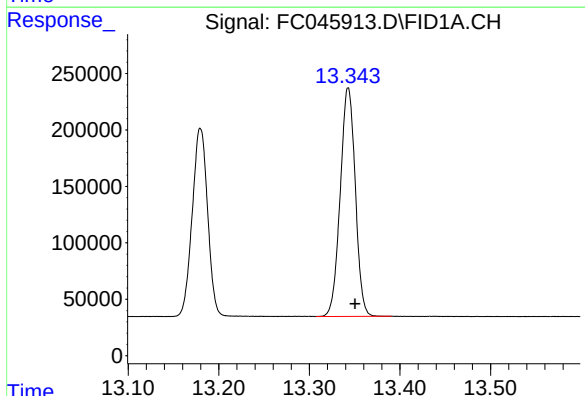
R.T.: 11.761 min
Delta R.T.: -0.009 min
Response: 2510964
Conc: 22.01 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



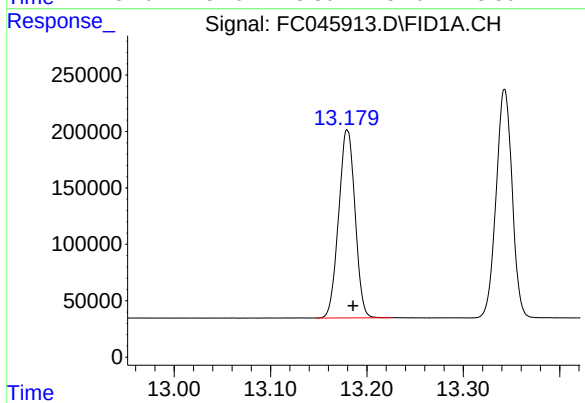
#10 n-Eicosane (C20)

R.T.: 12.733 min
Delta R.T.: -0.007 min
Response: 2323993
Conc: 21.98 ug/ml



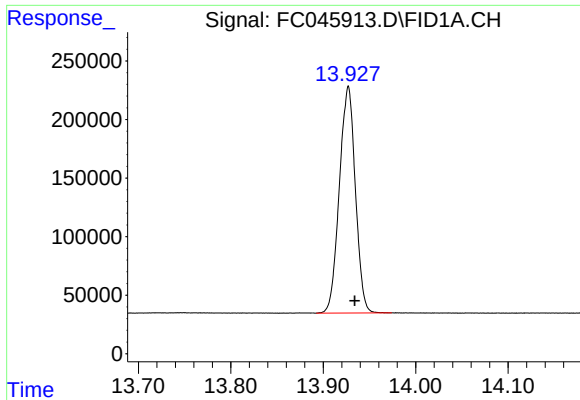
#11 n-Heneicosane (C21)

R.T.: 13.343 min
Delta R.T.: -0.008 min
Response: 2341654
Conc: 21.95 ug/ml



#12 1-chlorooctadecane (SURR)

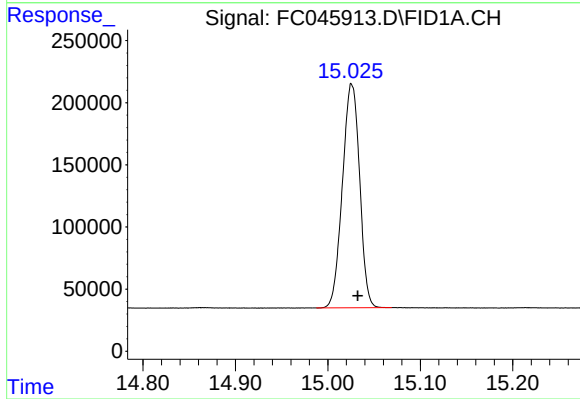
R.T.: 13.180 min
Delta R.T.: -0.006 min
Response: 1964914
Conc: 21.90 ug/ml



#13 n-Docosane (C22)

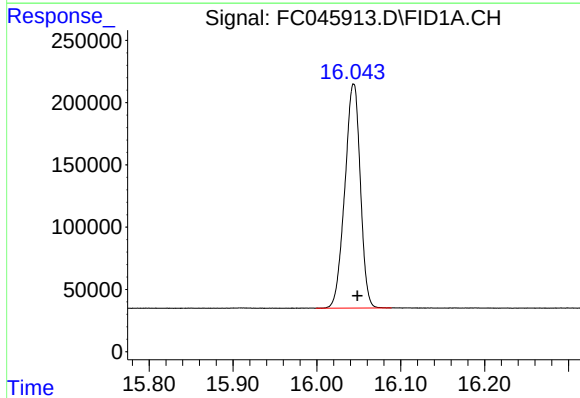
R.T.: 13.927 min
Delta R.T.: -0.007 min
Response: 2329329
Conc: 21.92 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



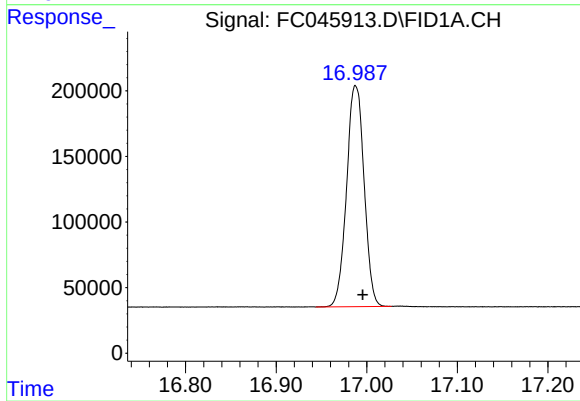
#14 n-Tetracosane (C24)

R.T.: 15.026 min
Delta R.T.: -0.006 min
Response: 2332895
Conc: 21.80 ug/ml



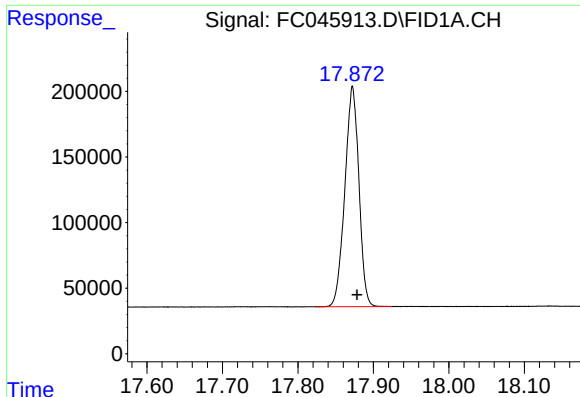
#15 n-Hexacosane (C26)

R.T.: 16.044 min
Delta R.T.: -0.005 min
Response: 2310072
Conc: 21.73 ug/ml



#16 n-Octacosane (C28)

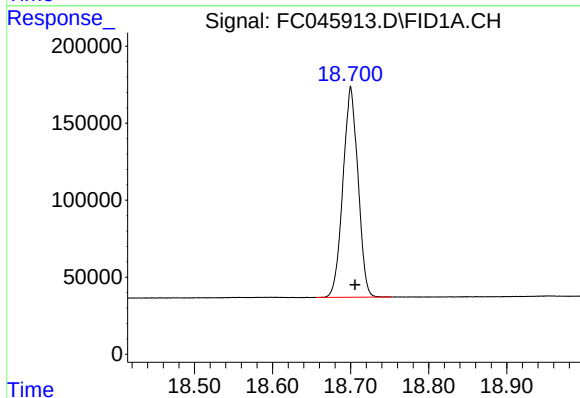
R.T.: 16.988 min
Delta R.T.: -0.008 min
Response: 2264749
Conc: 21.63 ug/ml



#17 n-Tricontane (C30)

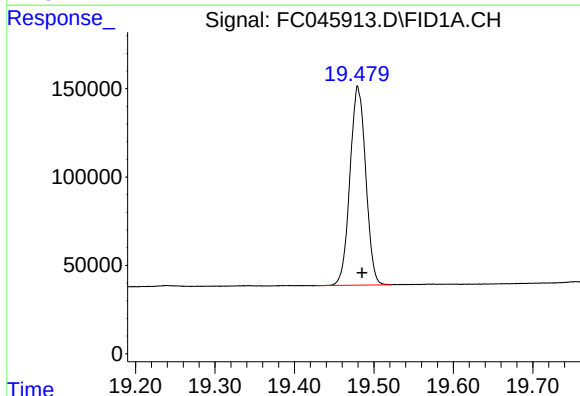
R.T.: 17.872 min
Delta R.T.: -0.006 min
Response: 2173679
Conc: 21.57 ug/ml

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20 PPM ALIPHATIC HC STD



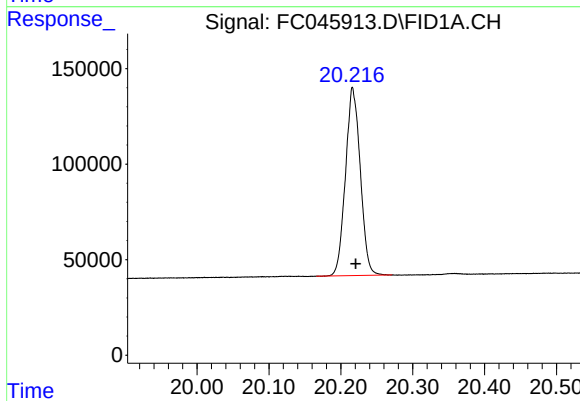
#18 n-Dotriacontane (C32)

R.T.: 18.700 min
Delta R.T.: -0.005 min
Response: 1831364
Conc: 21.40 ug/ml



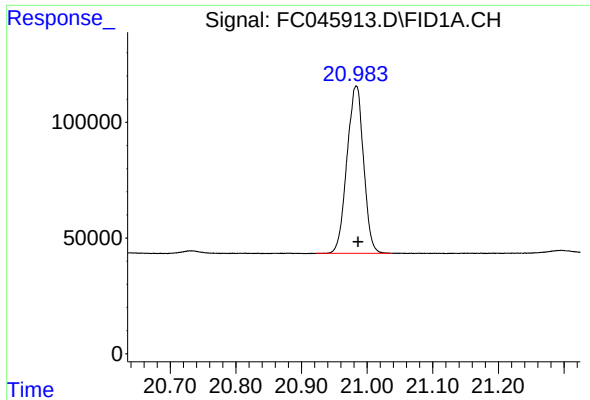
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min
Delta R.T.: -0.006 min
Response: 1548850
Conc: 21.34 ug/ml



#20 n-Hexatriacontane (C36)

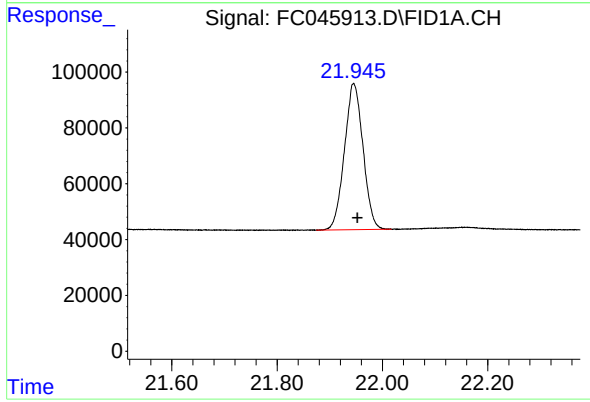
R.T.: 20.216 min
Delta R.T.: -0.004 min
Response: 1406530
Conc: 20.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.983 min
Delta R.T.: -0.003 min
Response: 1269877
Conc: 21.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.945 min
Delta R.T.: -0.008 min
Response: 1282849
Conc: 20.40 ug/ml