

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062420AL\
 Data File : FC048056.D
 Signal(s) : FID1A.CH
 Acq On : 25 Jun 2020 00:18
 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: Jun 25 01:56:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.723	2405238	20.051 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
12) S 1-chlorooctadecane (S...	13.135	1938339	19.792 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.536	2166191	21.647 ug/ml
2) T n-Decane (C10)	4.598	2203014	21.926 ug/ml
3) T A~Naphthalene (C11.7)	6.198	2166068	21.468 ug/ml
4) T n-Dodecane (C12)	6.597	2292904	21.903 ug/ml
5) T A~2-methylnaphthalene...	7.245	2162957	20.897 ug/ml
6) T n-Tetradecane (C14)	8.374	2294041	21.857 ug/ml
7) T n-Hexadecane (C16)	9.960	2261981	21.650 ug/ml
8) T n-Octadecane (C18)	11.390	2343138	21.079 ug/ml
10) T n-Eicosane (C20)	12.690	2318609	20.374 ug/ml
11) T n-Heneicosane (C21)	13.297	2279258	19.918 ug/ml
13) T n-Docosane (C22)	13.879	2232335	19.461 ug/ml
14) T n-Tetracosane (C24)	14.974	2144930	18.665 ug/ml
15) T n-Hexacosane (C26)	15.989	2051330	17.959 ug/ml
16) T n-Octacosane (C28)	16.934	2002263	17.617 ug/ml
17) T n-Tricontane (C30)	17.813	1961569	17.898 ug/ml
18) T n-Dotriacontane (C32)	18.641	1822263	18.382 ug/ml
19) T n-Tetratriacontane (C34)	19.420	1743116	19.033 ug/ml
20) T n-Hexatriacontane (C36)	20.155	1680537	19.596 ug/ml
21) T n-Octatriacontane (C38)	20.904	1618330	20.322 ug/ml
22) T n-Tetracontane (C40)	21.841	1642599	20.775 ug/ml

(f)=RT Delta > 1/2 Window

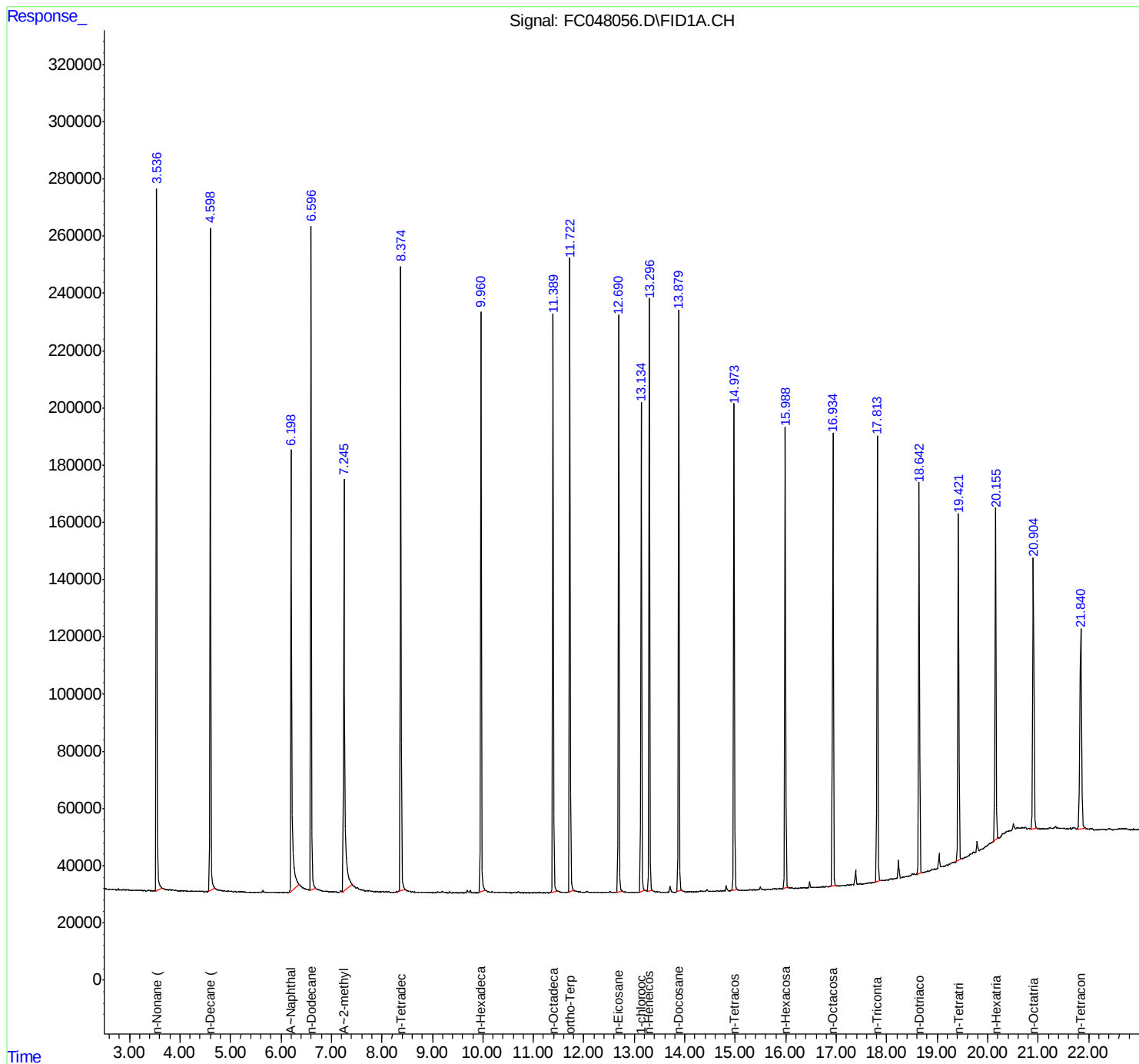
(m)=manual int.

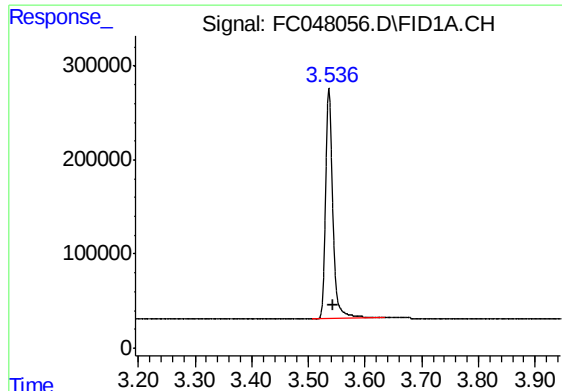
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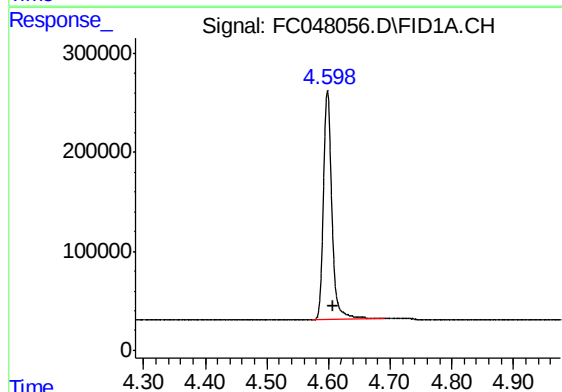




#1 n-Nonane (C9)

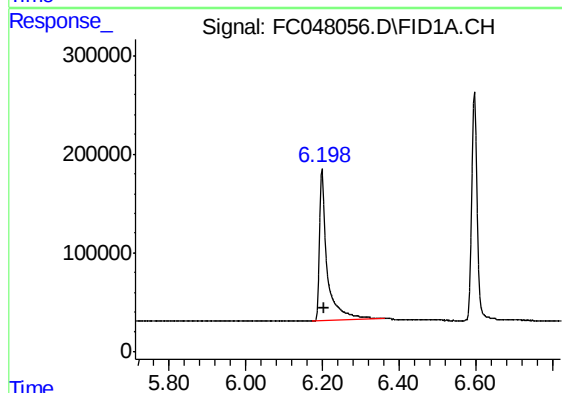
R.T.: 3.536 min
Delta R.T.: -0.008 min
Response: 2166191
Conc: 21.65 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



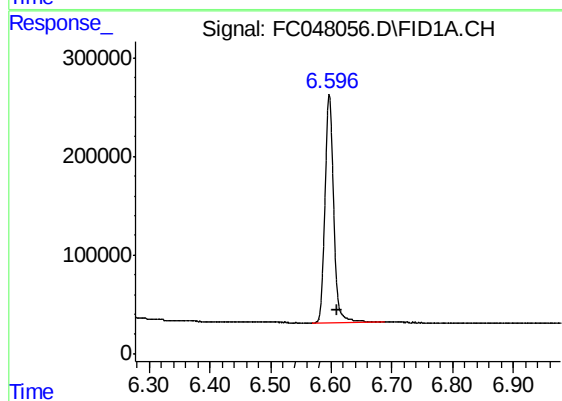
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.010 min
Response: 2203014
Conc: 21.93 ug/ml



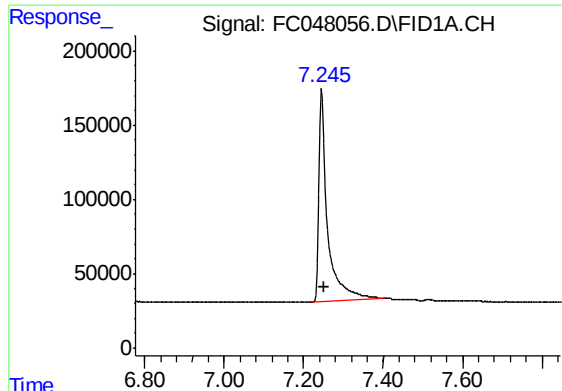
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 2166068
Conc: 21.47 ug/ml



#4 n-Dodecane (C12)

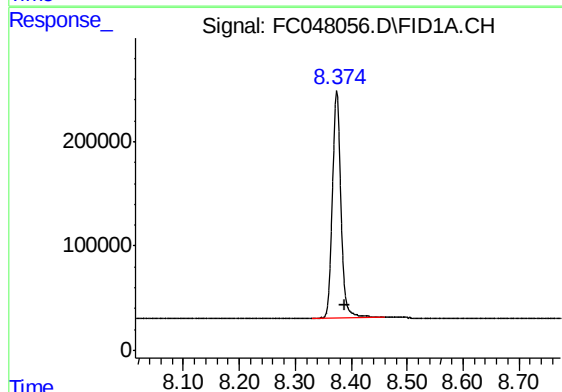
R.T.: 6.597 min
Delta R.T.: -0.013 min
Response: 2292904
Conc: 21.90 ug/ml



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

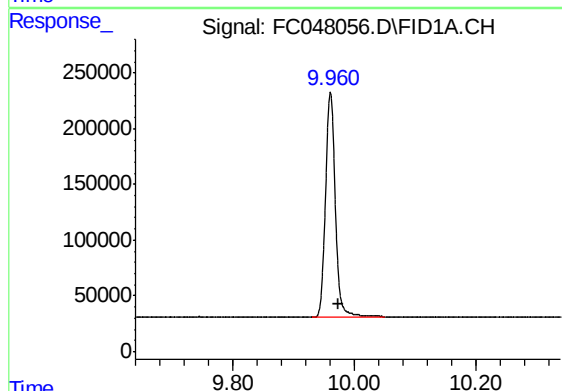
R.T.: 7.245 min
Delta R.T.: -0.007 min
Response: 2162957
Conc: 20.90 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



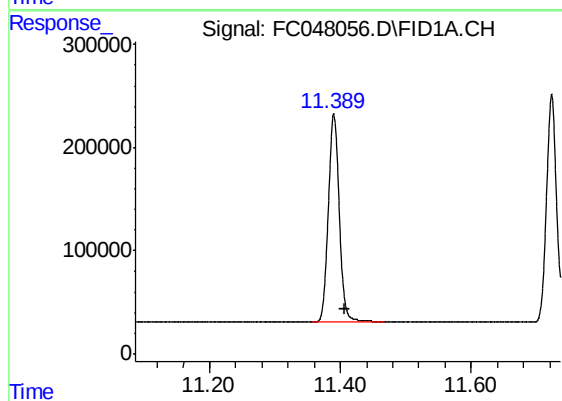
#6 n-Tetradecane (C14)

R.T.: 8.374 min
Delta R.T.: -0.013 min
Response: 2294041
Conc: 21.86 ug/ml



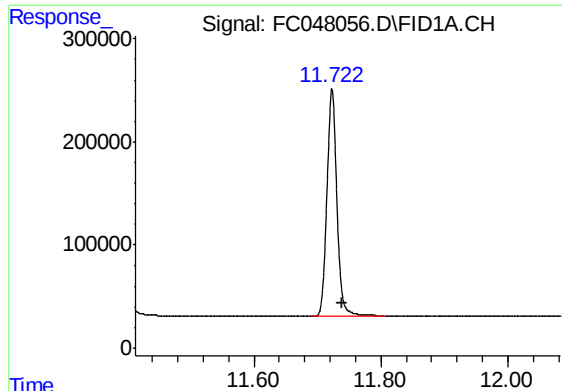
#7 n-Hexadecane (C16)

R.T.: 9.960 min
Delta R.T.: -0.014 min
Response: 2261981
Conc: 21.65 ug/ml



#8 n-Octadecane (C18)

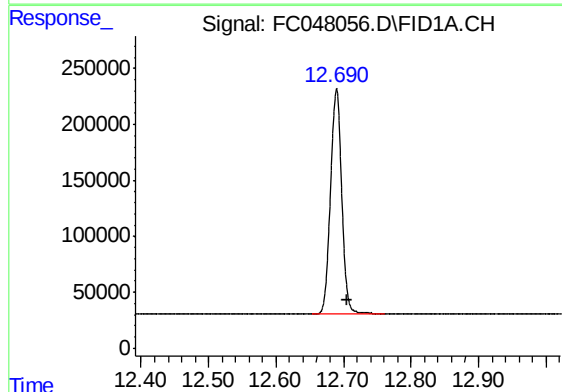
R.T.: 11.390 min
Delta R.T.: -0.016 min
Response: 2343138
Conc: 21.08 ug/ml



#9 ortho-Terphenyl (SURR)

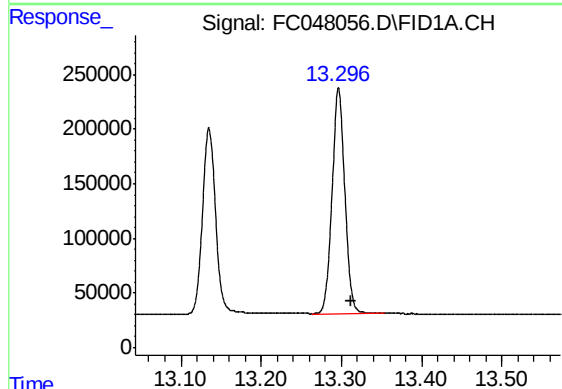
R.T.: 11.723 min
Delta R.T.: -0.016 min
Response: 2405238
Conc: 20.05 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



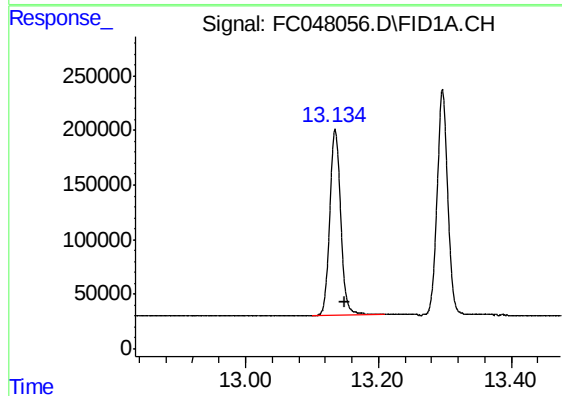
#10 n-Eicosane (C20)

R.T.: 12.690 min
Delta R.T.: -0.015 min
Response: 2318609
Conc: 20.37 ug/ml



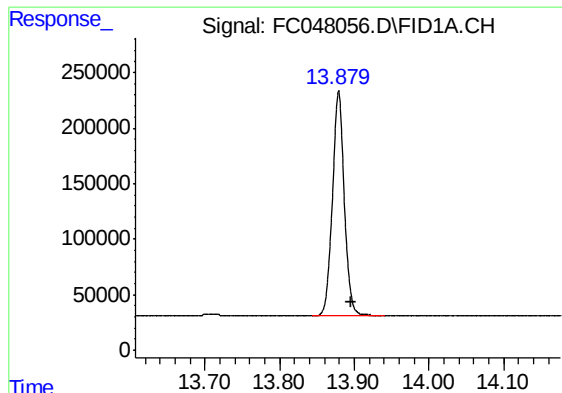
#11 n-Heneicosane (C21)

R.T.: 13.297 min
Delta R.T.: -0.016 min
Response: 2279258
Conc: 19.92 ug/ml



#12 1-chlorooctadecane (SURR)

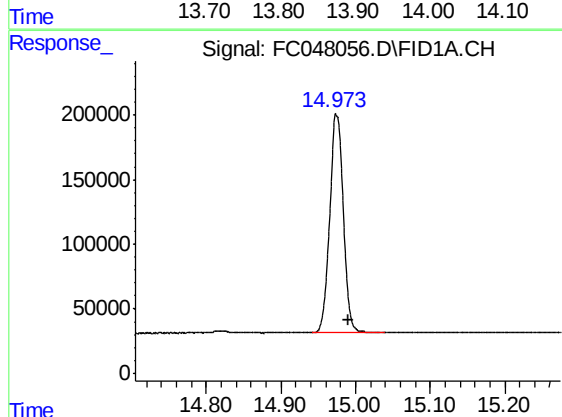
R.T.: 13.135 min
Delta R.T.: -0.015 min
Response: 1938339
Conc: 19.79 ug/ml



#13 n-Docosane (C22)

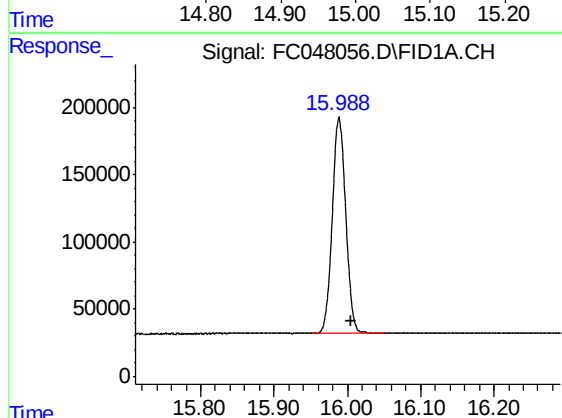
R.T.: 13.879 min
Delta R.T.: -0.016 min
Response: 2232335
Conc: 19.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



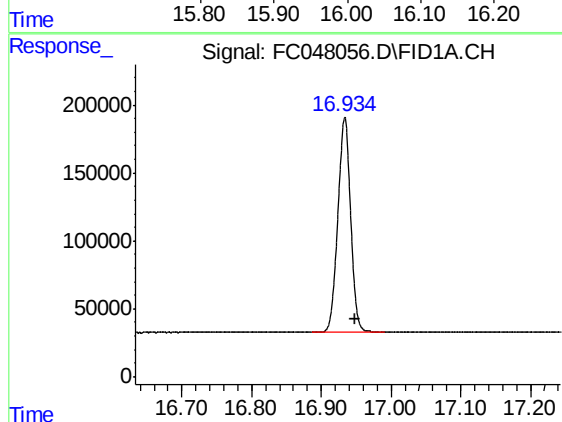
#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: -0.016 min
Response: 2144930
Conc: 18.67 ug/ml



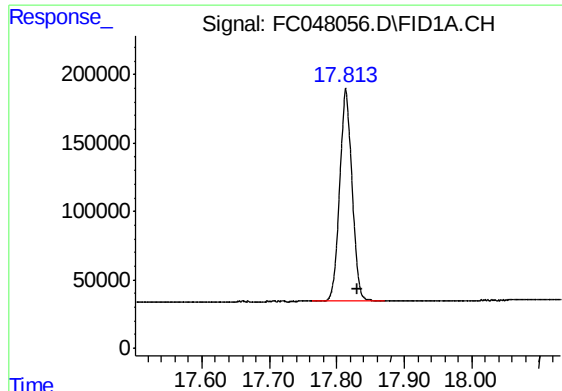
#15 n-Hexacosane (C26)

R.T.: 15.989 min
Delta R.T.: -0.016 min
Response: 2051330
Conc: 17.96 ug/ml



#16 n-Octacosane (C28)

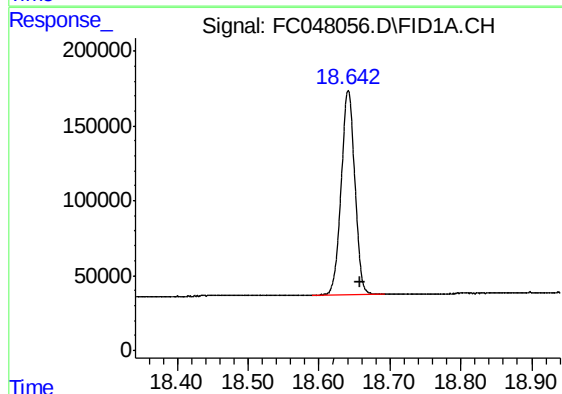
R.T.: 16.934 min
Delta R.T.: -0.015 min
Response: 2002263
Conc: 17.62 ug/ml



#17 n-Tricontane (C30)

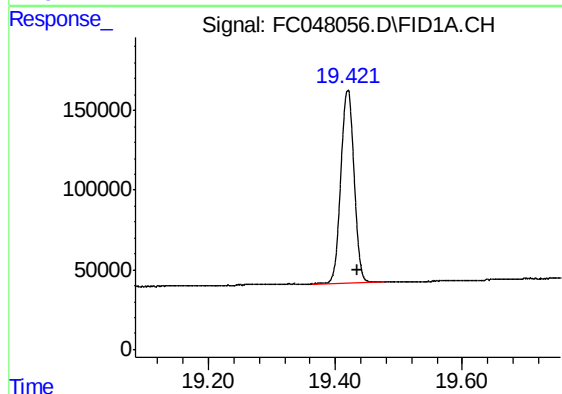
R.T.: 17.813 min
Delta R.T.: -0.017 min
Response: 1961569
Conc: 17.90 ug/ml

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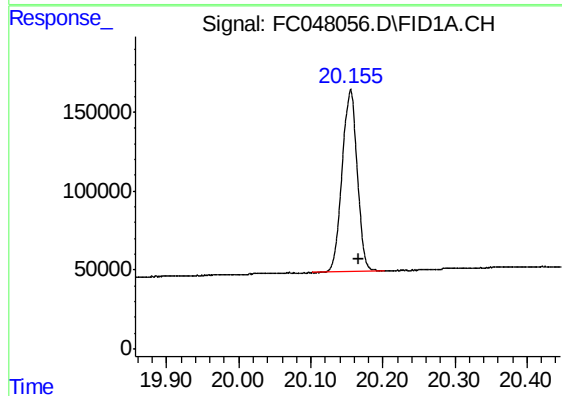
#18 n-Dotriacontane (C32)

R.T.: 18.641 min
Delta R.T.: -0.017 min
Response: 1822263
Conc: 18.38 ug/ml



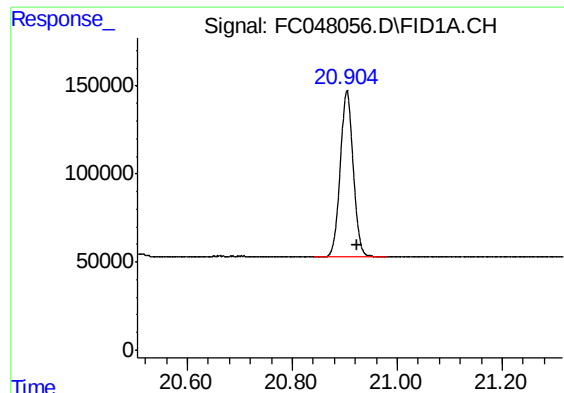
#19 n-Tetatriacontane (C34)

R.T.: 19.420 min
Delta R.T.: -0.015 min
Response: 1743116
Conc: 19.03 ug/ml



#20 n-Hexatriacontane (C36)

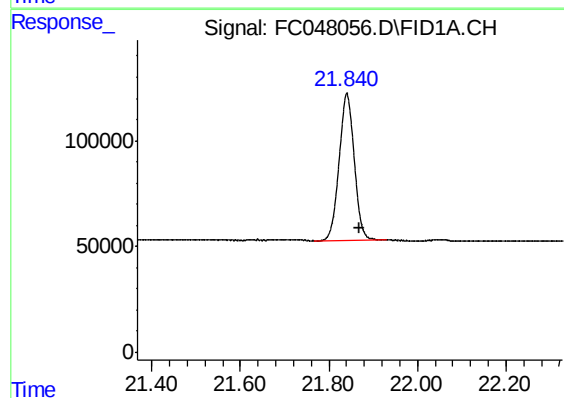
R.T.: 20.155 min
Delta R.T.: -0.012 min
Response: 1680537
Conc: 19.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.904 min
Delta R.T.: -0.019 min
Response: 1618330
Conc: 20.32 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.841 min
Delta R.T.: -0.027 min
Response: 1642599
Conc: 20.77 ug/ml