

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090420AL\
 Data File : FC049471.D
 Signal(s) : FID1A.CH
 Acq On : 05 Sep 2020 8:00
 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

Manual Integrations
 APPROVED

Ankita
 9/8/2020 2:37:29 PM

Integration File: sample.E
 Quant Time: Sep 05 08:41:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.670	2405285	20.244 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
12) S 1-chlorooctadecane (S...	13.102	1943740	19.981 ug/ml
Spiked Amount 50.000		Recovery =	39.96%
Target Compounds			
1) T n-Nonane (C9)	3.403	2074163	19.887 ug/ml
2) T n-Decane (C10)	4.478	2162247	20.615 ug/ml
3) T A~Naphthalene (C11.7)	6.077	2465417	20.847 ug/ml
4) T n-Dodecane (C12)	6.504	2232941	21.052 ug/ml
5) T A~2-methylnaphthalene...	7.136	2519563	20.897 ug/ml
6) T n-Tetradecane (C14)	8.302	2249895	21.365 ug/ml
7) T n-Hexadecane (C16)	9.904	2241947	21.359 ug/ml
8) T n-Octadecane (C18)	11.346	2331702	21.224 ug/ml
10) T n-Eicosane (C20)	12.657	2303219	20.697 ug/ml
11) T n-Heneicosane (C21)	13.269	2267089	20.295 ug/ml
13) T n-Docosane (C22)	13.854	2234483	19.880 ug/ml
14) T n-Tetracosane (C24)	14.957	2165735	19.050 ug/ml
15) T n-Hexacosane (C26)	15.976	2093594	18.298 ug/ml
16) T n-Octacosane (C28)	16.926	2073231	17.820 ug/ml
17) T n-Tricontane (C30)	17.812	2072092	17.925 ug/ml
18) T n-Dotriacontane (C32)	18.643	1942756	17.968 ug/ml
19) T n-Tetratriacontane (C34)	19.424	1836315	17.705 ug/ml
20) T n-Hexatriacontane (C36)	20.163	1764688	17.748 ug/ml
21) T n-Octatriacontane (C38)	20.914	1735664	18.355 ug/mlm
22) T n-Tetracontane (C40)	21.863	1705948	17.870 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

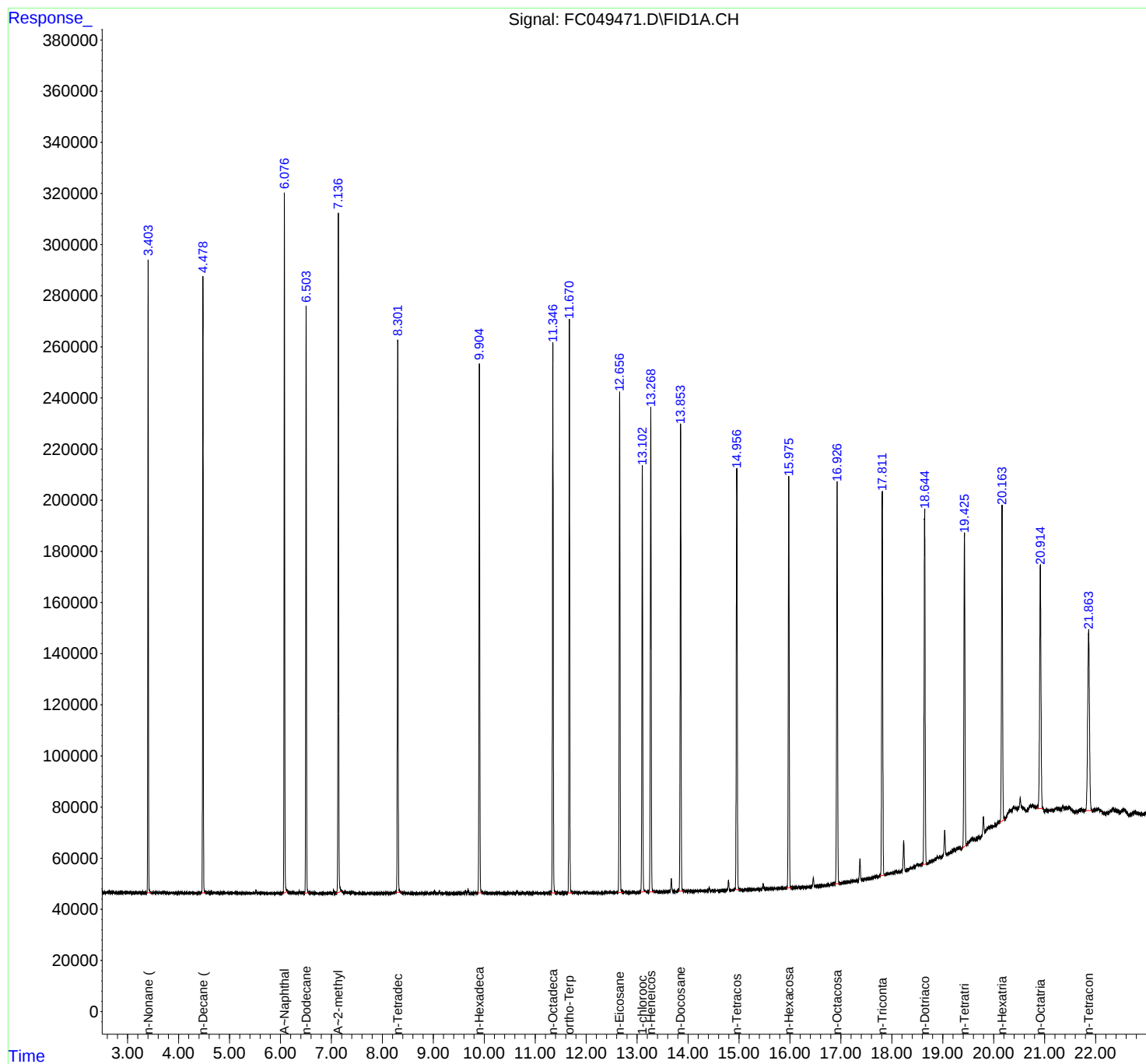
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

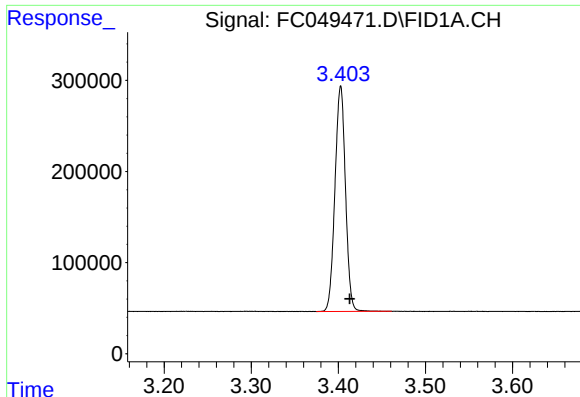
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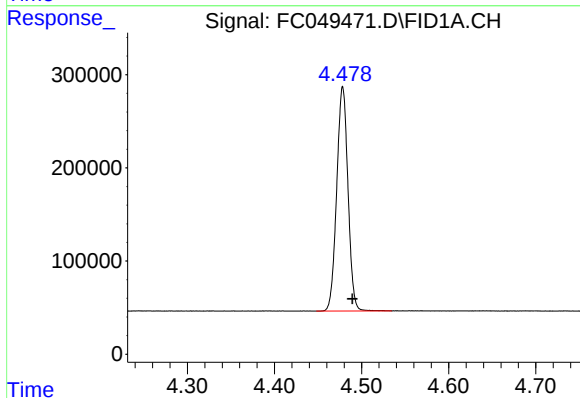
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.010 min
Response: 2074163
Conc: 19.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

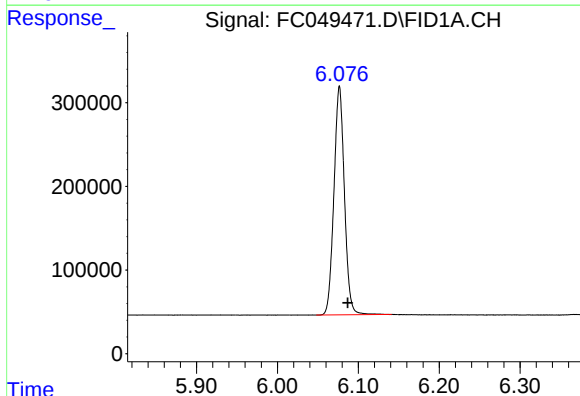
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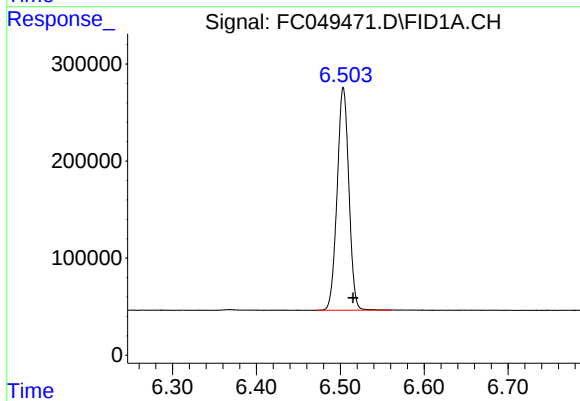
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.011 min
Response: 2162247
Conc: 20.61 ug/ml



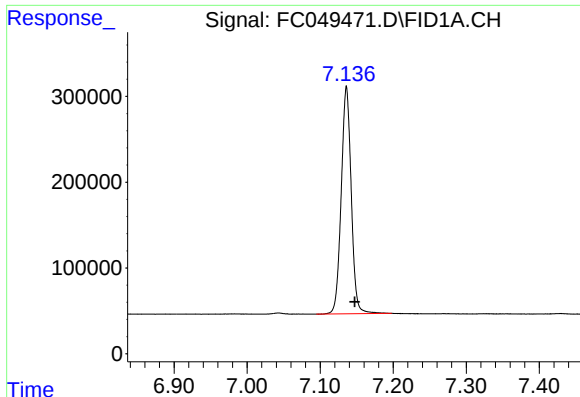
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: -0.010 min
Response: 2465417
Conc: 20.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.504 min
Delta R.T.: -0.012 min
Response: 2232941
Conc: 21.05 ug/ml



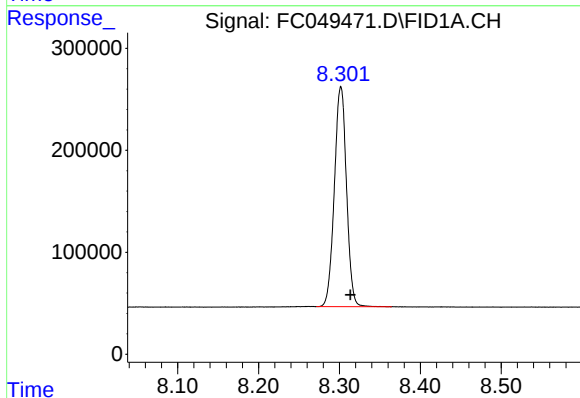
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: -0.011 min
Response: 2519563
Conc: 20.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

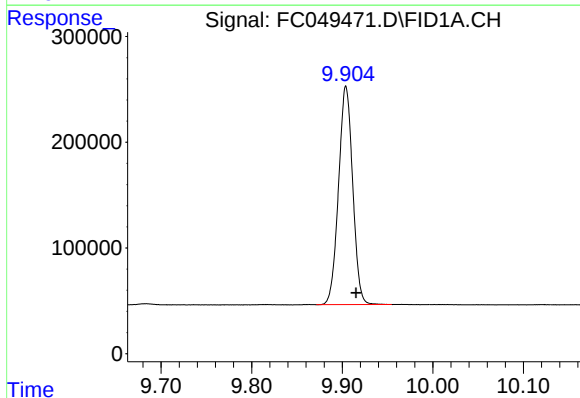
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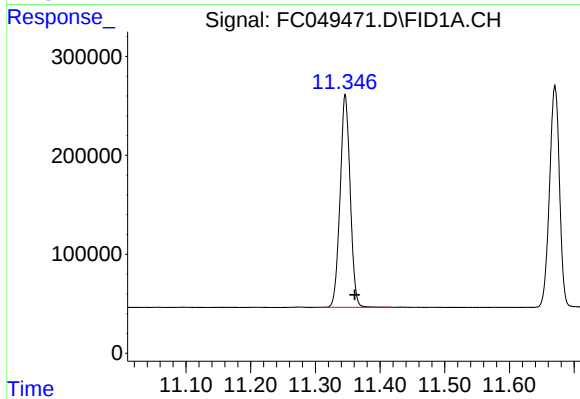
#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: -0.012 min
Response: 2249895
Conc: 21.37 ug/ml



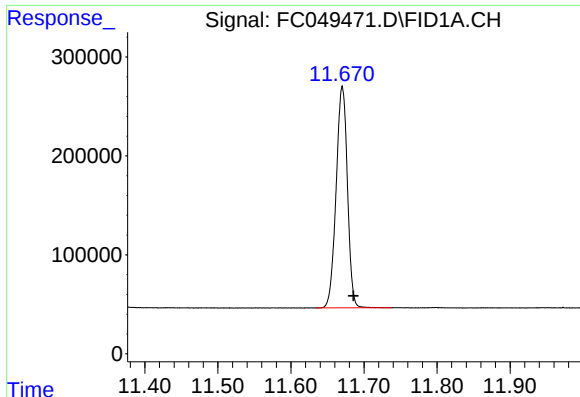
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: -0.011 min
Response: 2241947
Conc: 21.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.346 min
Delta R.T.: -0.015 min
Response: 2331702
Conc: 21.22 ug/ml



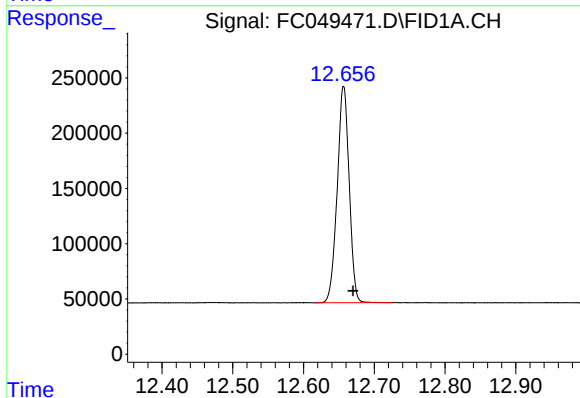
#9 ortho-Terphenyl (SURR)

R.T.: 11.670 min
Delta R.T.: -0.015 min
Response: 2405285
Conc: 20.24 ug/ml

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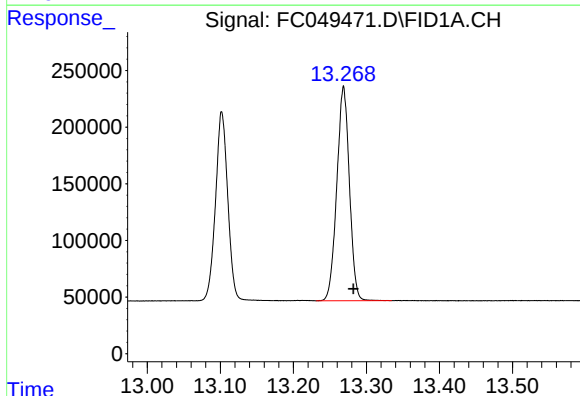
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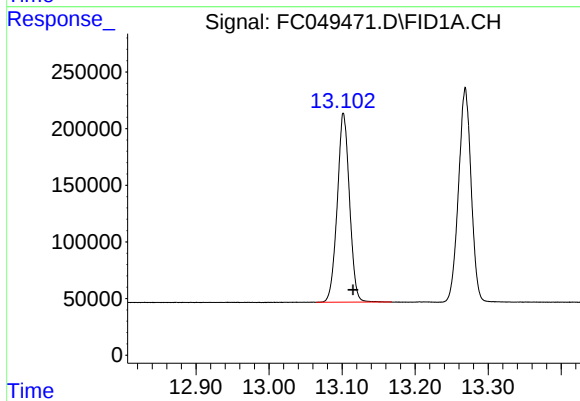
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: -0.013 min
Response: 2303219
Conc: 20.70 ug/ml



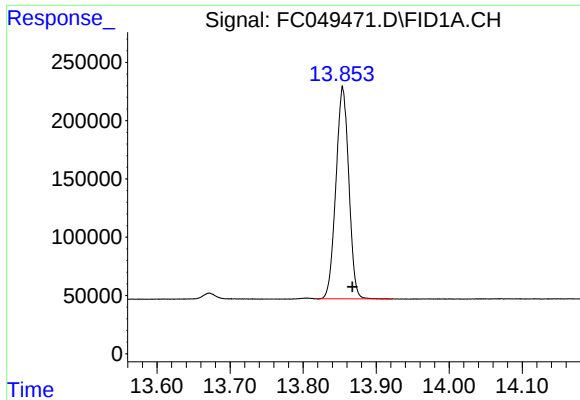
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: -0.013 min
Response: 2267089
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: -0.013 min
Response: 1943740
Conc: 19.98 ug/ml



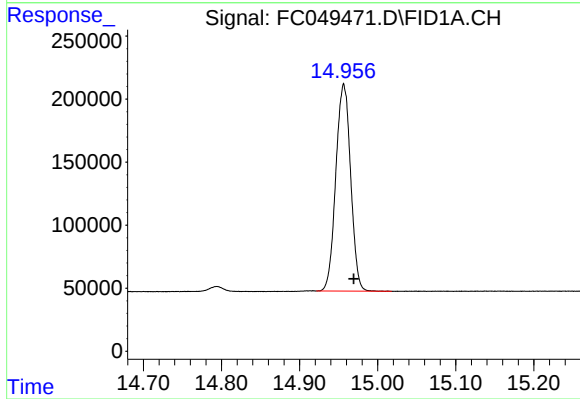
#13 n-Docosane (C22)

R.T.: 13.854 min
Delta R.T.: -0.013 min
Response: 2234483
Conc: 19.88 ug/ml

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20 PPM ALIPHATIC HC STD

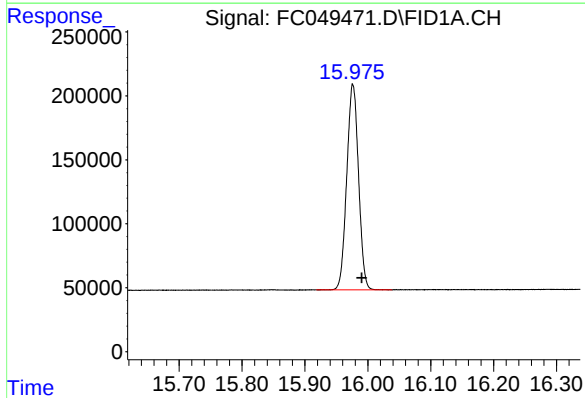
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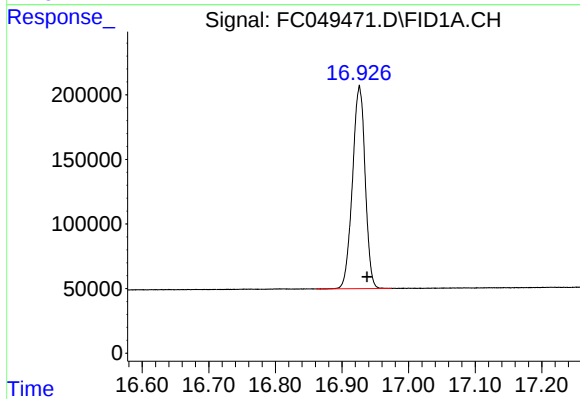
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: -0.013 min
Response: 2165735
Conc: 19.05 ug/ml



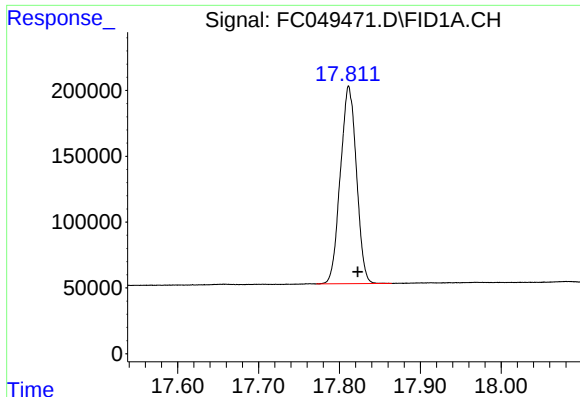
#15 n-Hexacosane (C26)

R.T.: 15.976 min
Delta R.T.: -0.014 min
Response: 2093594
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.926 min
Delta R.T.: -0.011 min
Response: 2073231
Conc: 17.82 ug/ml



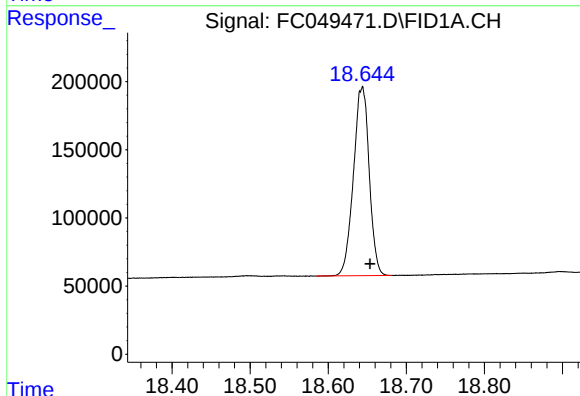
#17 n-Tricontane (C30)

R.T.: 17.812 min
Delta R.T.: -0.011 min
Response: 2072092
Conc: 17.92 ug/ml

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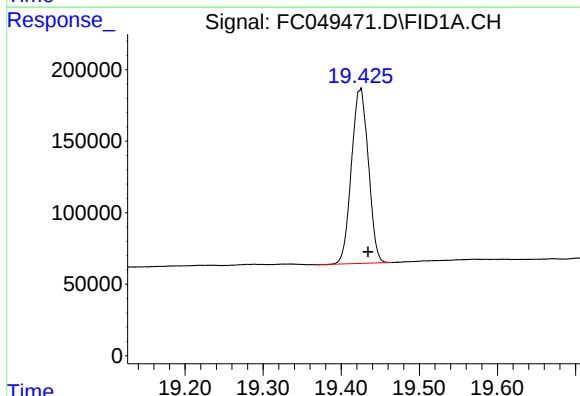
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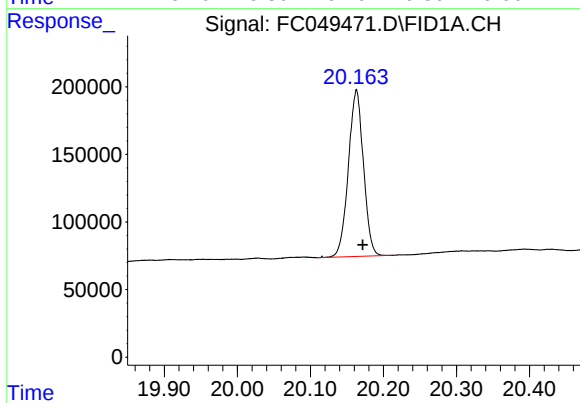
#18 n-Dotriacontane (C32)

R.T.: 18.643 min
Delta R.T.: -0.010 min
Response: 1942756
Conc: 17.97 ug/ml



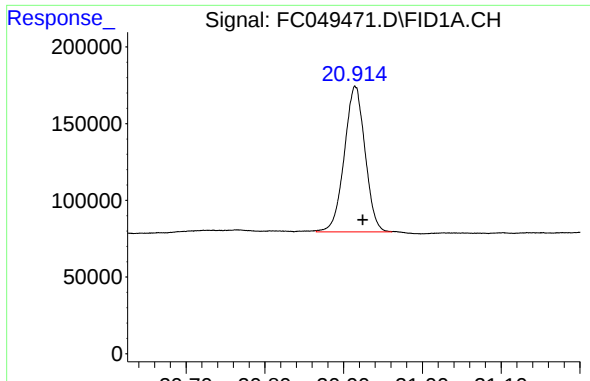
#19 n-Tetratriacontane (C34)

R.T.: 19.424 min
Delta R.T.: -0.010 min
Response: 1836315
Conc: 17.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.163 min
Delta R.T.: -0.009 min
Response: 1764688
Conc: 17.75 ug/ml



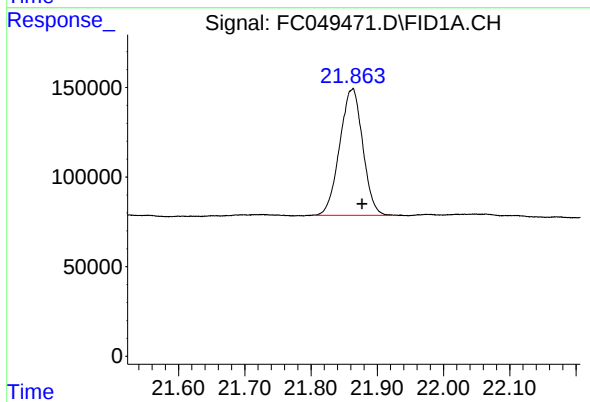
#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: -0.010 min
Response: 1735664
Conc: 18.35 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: -0.014 min
Response: 1705948
Conc: 17.87 ug/ml m