

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072920AL\
 Data File : FC048756.D
 Signal(s) : FID1A.CH
 Acq On : 30 Jul 2020 12:49
 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
 7/31/2020 9:44:50 AM

Integration File: autoint1.e
 Quant Time: Jul 30 15:28:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.682	2525166	18.398 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
12) S 1-chlorooctadecane (S...	13.116	2027993	17.997 ug/ml
Spiked Amount 50.000		Recovery =	35.99%
Target Compounds			
1) T n-Nonane (C9)	3.412	2472417	20.741 ug/ml
2) T n-Decane (C10)	4.487	2512411	20.873 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2763668	20.537 ug/ml
4) T n-Dodecane (C12)	6.514	2547597	20.823 ug/ml
5) T A~2-methylnaphthalene...	7.145	2800761	20.320 ug/ml
6) T n-Tetradecane (C14)	8.313	2518183	20.442 ug/ml
7) T n-Hexadecane (C16)	9.916	2440883	19.940 ug/ml
8) T n-Octadecane (C18)	11.359	2467042	19.277 ug/ml
10) T n-Eicosane (C20)	12.669	2401822	18.570 ug/ml
11) T n-Heneicosane (C21)	13.282	2358005	18.191 ug/ml
13) T n-Docosane (C22)	13.867	2323767	17.898 ug/ml
14) T n-Tetracosane (C24)	14.971	2236421	17.061 ug/ml
15) T n-Hexacosane (C26)	15.990	2157925	16.595 ug/ml
16) T n-Octacosane (C28)	16.941	2135081	16.340 ug/ml
17) T n-Tricontane (C30)	17.825	2095877	16.303 ug/ml
18) T n-Dotriacontane (C32)	18.657	1956815	16.563 ug/ml
19) T n-Tetratriacontane (C34)	19.439	1834817	16.438 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1771737	16.846 ug/mlm
21) T n-Octatriacontane (C38)	20.934	1713439	17.454 ug/ml
22) T n-Tetracontane (C40)	21.889	1771792	18.233 ug/ml

(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

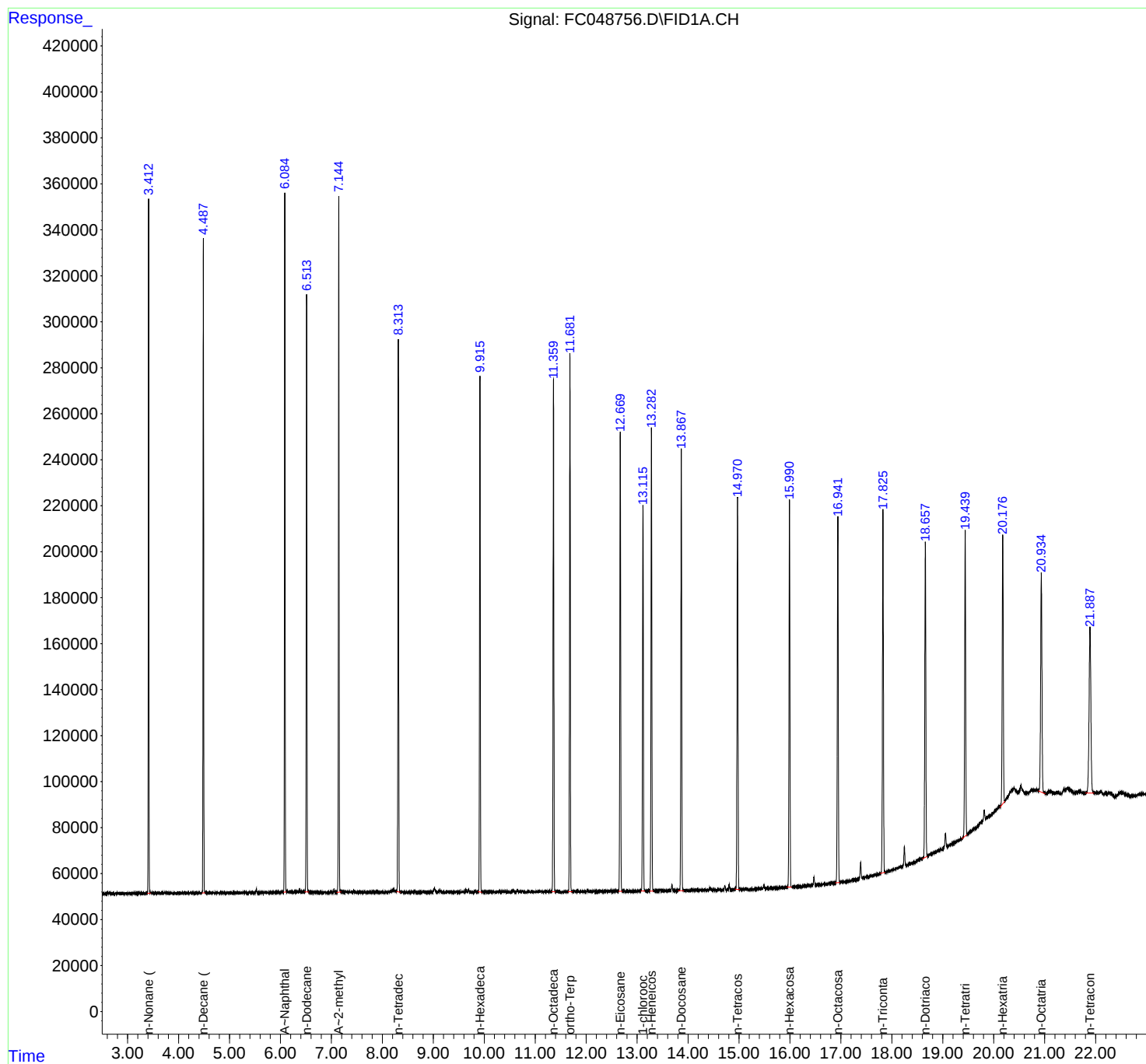
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

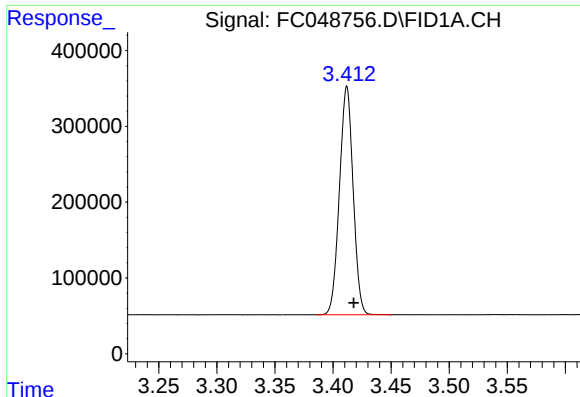
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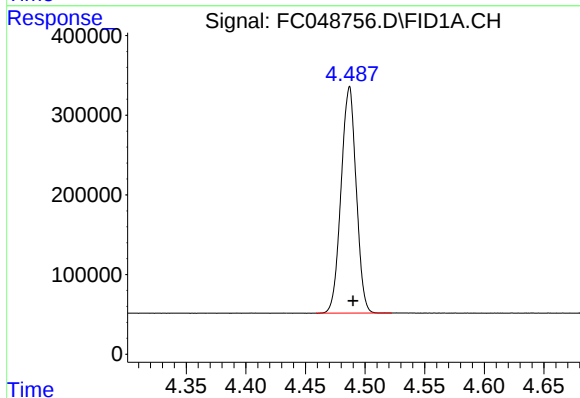
#1 n-Nonane (C9)

R.T.: 3.412 min
Delta R.T.: -0.006 min
Response: 2472417
Conc: 20.74 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

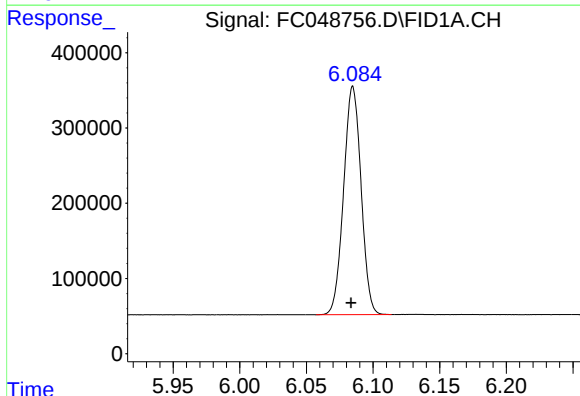
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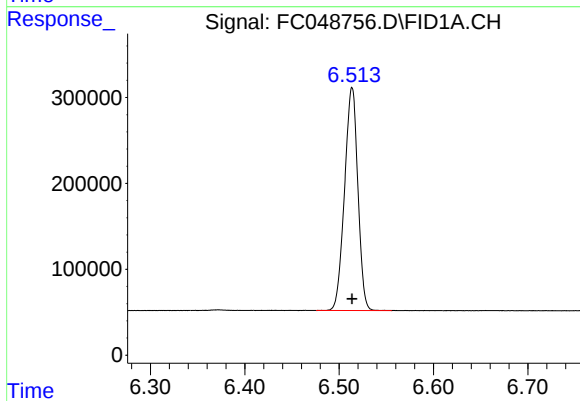
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 2512411
Conc: 20.87 ug/ml



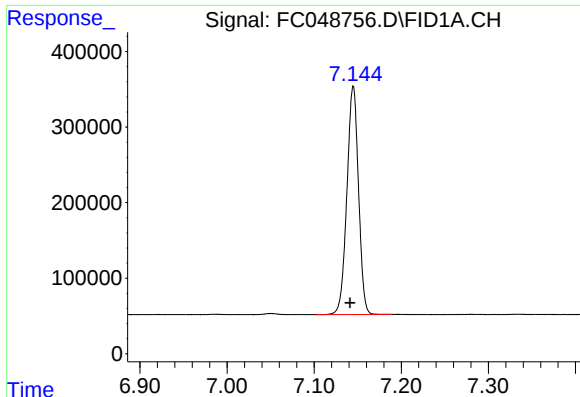
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: 0.001 min
Response: 2763668
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 2547597
Conc: 20.82 ug/ml



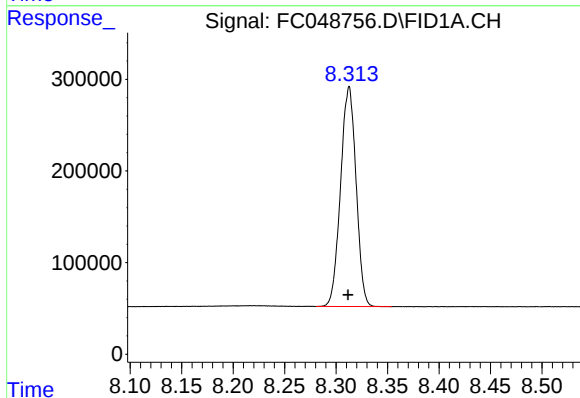
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.145 min
Delta R.T.: 0.004 min
Response: 2800761
Conc: 20.32 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

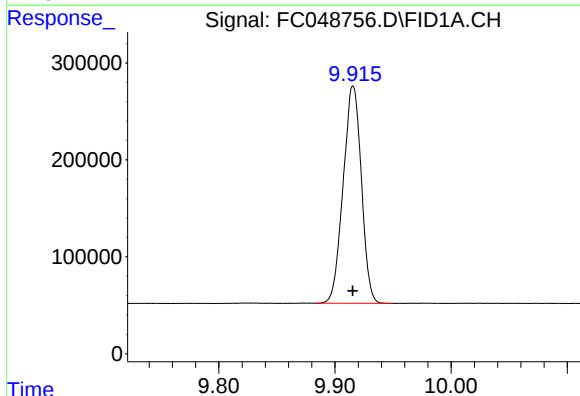
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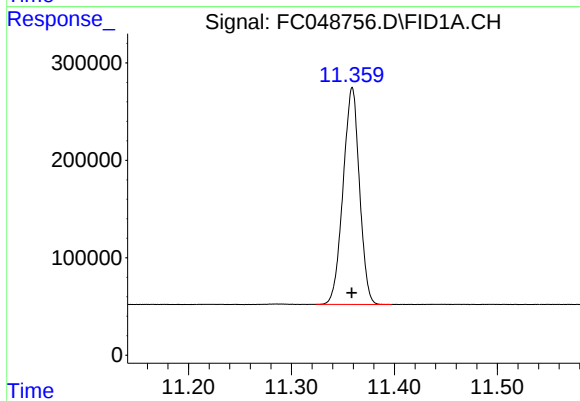
#6 n-Tetradecane (C14)

R.T.: 8.313 min
Delta R.T.: 0.001 min
Response: 2518183
Conc: 20.44 ug/ml



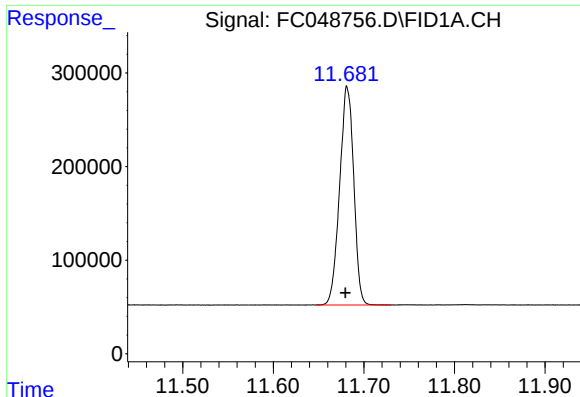
#7 n-Hexadecane (C16)

R.T.: 9.916 min
Delta R.T.: 0.000 min
Response: 2440883
Conc: 19.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.359 min
Delta R.T.: 0.000 min
Response: 2467042
Conc: 19.28 ug/ml



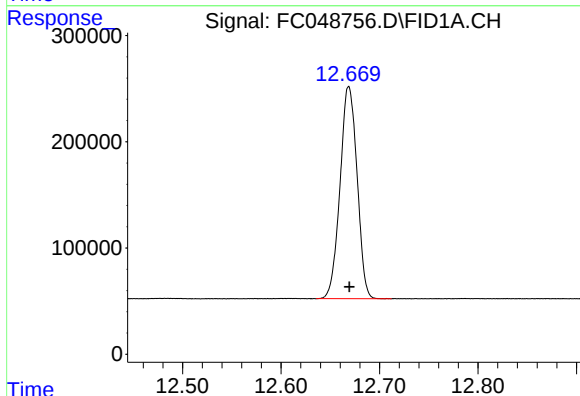
#9 ortho-Terphenyl (SURR)

R.T.: 11.682 min
Delta R.T.: 0.002 min
Response: 2525166
Conc: 18.40 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

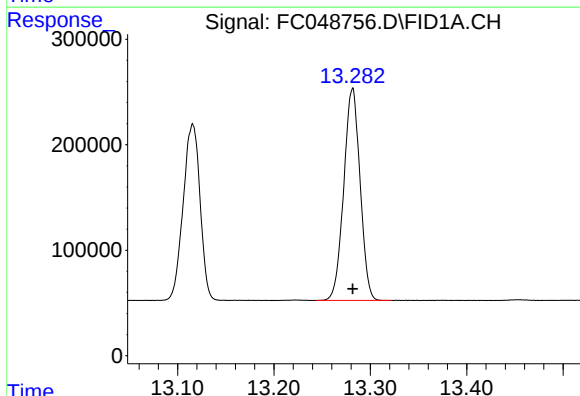
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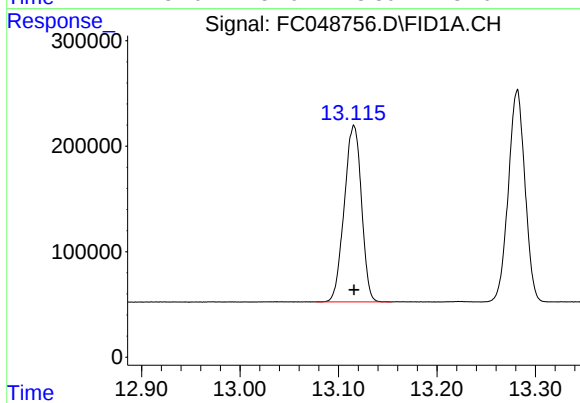
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: 0.000 min
Response: 2401822
Conc: 18.57 ug/ml



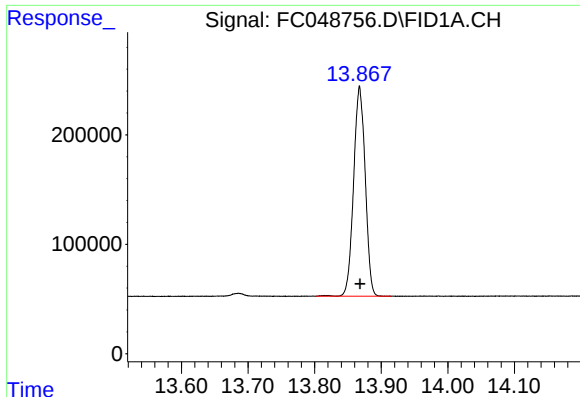
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.000 min
Response: 2358005
Conc: 18.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 2027993
Conc: 18.00 ug/ml



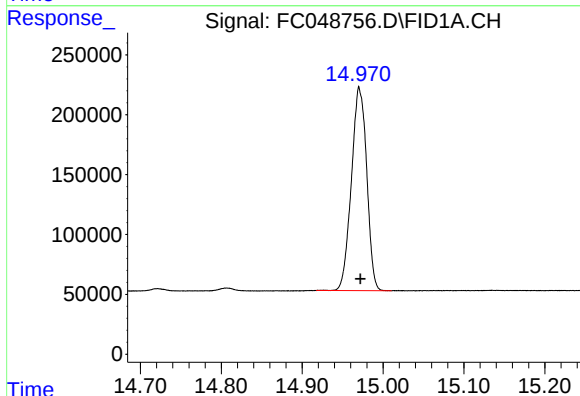
#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: 0.000 min
Response: 2323767
Conc: 17.90 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

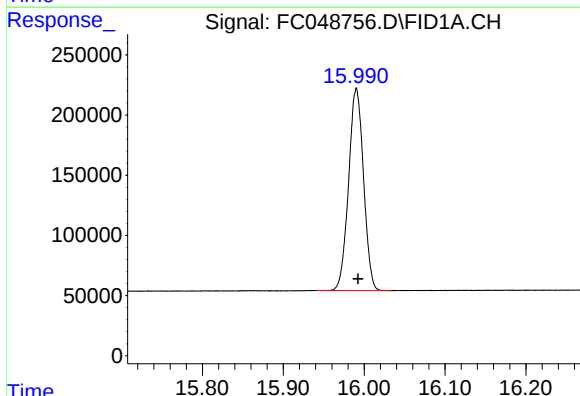
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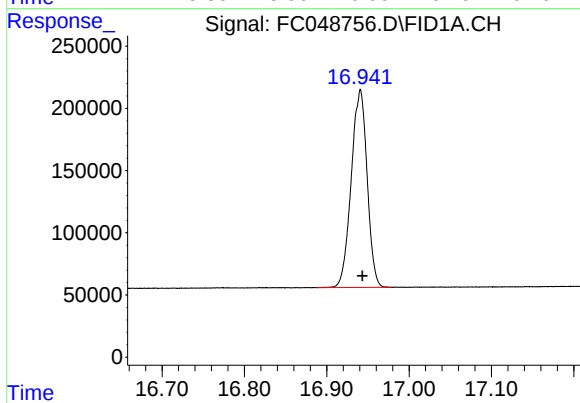
#14 n-Tetracosane (C24)

R.T.: 14.971 min
Delta R.T.: -0.001 min
Response: 2236421
Conc: 17.06 ug/ml



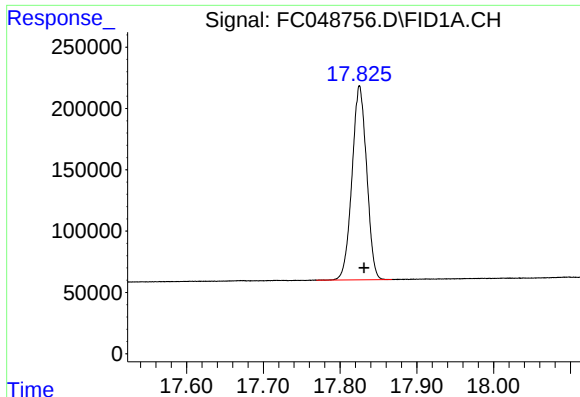
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: -0.002 min
Response: 2157925
Conc: 16.60 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.941 min
Delta R.T.: -0.002 min
Response: 2135081
Conc: 16.34 ug/ml



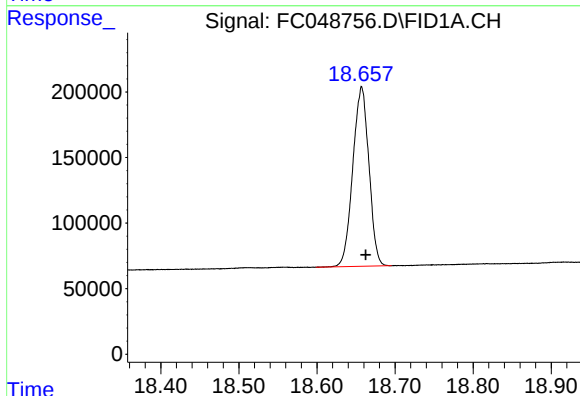
#17 n-Tricontane (C30)

R.T.: 17.825 min
Delta R.T.: -0.006 min
Response: 2095877
Conc: 16.30 ug/ml

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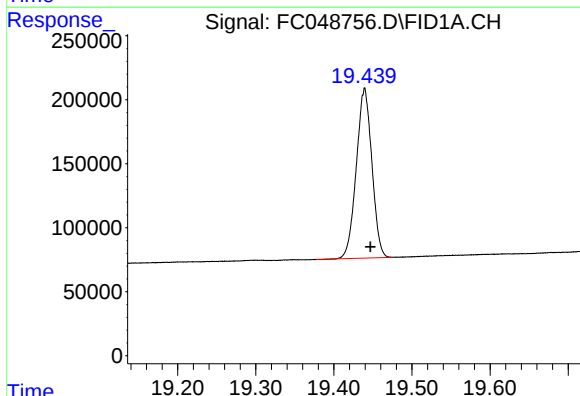
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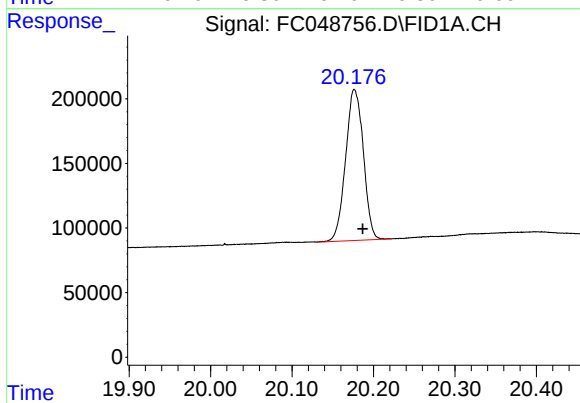
#18 n-Dotriacontane (C32)

R.T.: 18.657 min
Delta R.T.: -0.005 min
Response: 1956815
Conc: 16.56 ug/ml



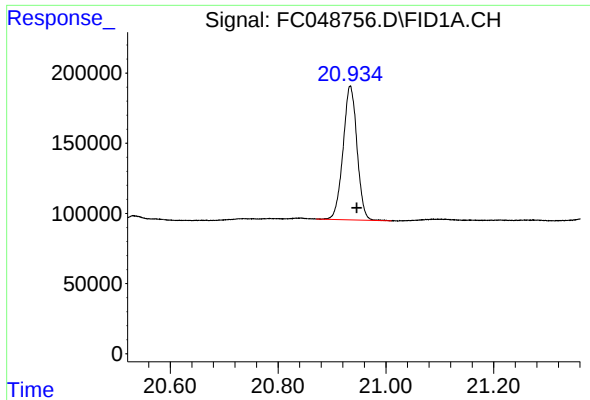
#19 n-Tetratriacontane (C34)

R.T.: 19.439 min
Delta R.T.: -0.008 min
Response: 1834817
Conc: 16.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.176 min
Delta R.T.: -0.011 min
Response: 1771737
Conc: 16.85 ug/ml m



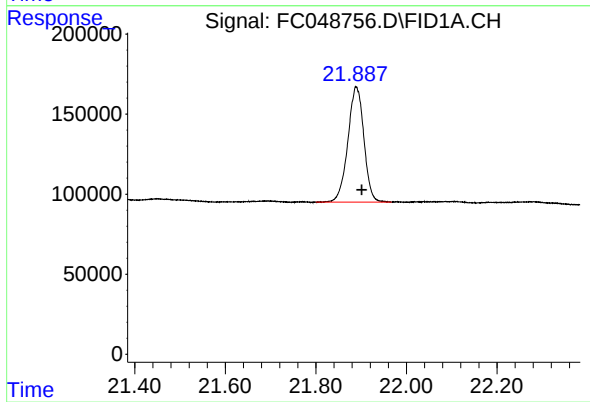
#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: -0.012 min
Response: 1713439
Conc: 17.45 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.889 min
Delta R.T.: -0.013 min
Response: 1771792
Conc: 18.23 ug/ml