

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081320AL\
 Data File : FC048993.D
 Signal(s) : FID1A.CH
 Acq On : 13 Aug 2020 22:09
 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
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 8/14/2020 12:25:58 PM

Integration File: autoint1.e
 Quant Time: Aug 14 03:16:21 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)	11.678	2635098	22.178 ug/ml
Spiked Amount 50.000		Recovery =	44.36%
12) S 1-chlorooctadecane (S...	13.111	2139227	21.990 ug/ml
Spiked Amount 50.000		Recovery =	43.98%
Target Compounds			
1) T n-Nonane (C9)	3.409	2257468	21.644 ug/ml
2) T n-Decane (C10)	4.485	2312467	22.047 ug/ml
3) T A~Naphthalene (C11.7)	6.083	2628906	22.229 ug/ml
4) T n-Dodecane (C12)	6.511	2356644	22.219 ug/ml
5) T A~2-methylnaphthalene...	7.142	2693164	22.337 ug/ml
6) T n-Tetradecane (C14)	8.309	2353080	22.345 ug/ml
7) T n-Hexadecane (C16)	9.912	2341713	22.310 ug/ml
8) T n-Octadecane (C18)	11.356	2446293	22.267 ug/ml
10) T n-Eicosane (C20)	12.665	2467001	22.169 ug/ml
11) T n-Heneicosane (C21)	13.277	2463937	22.057 ug/ml
13) T n-Docosane (C22)	13.863	2468833	21.964 ug/ml
14) T n-Tetracosane (C24)	14.965	2445701	21.512 ug/ml
15) T n-Hexacosane (C26)	15.985	2383561	20.832 ug/ml
16) T n-Octacosane (C28)	16.933	2322110	19.960 ug/ml
17) T n-Tricontane (C30)	17.819	2234516	19.330 ug/ml
18) T n-Dotriacontane (C32)	18.651	2017177	18.656 ug/ml
19) T n-Tetratriacontane (C34)	19.432	1854376	17.879 ug/ml
20) T n-Hexatriacontane (C36)	20.168	1785670	17.959 ug/ml
21) T n-Octatriacontane (C38)	20.922	1851592	19.581 ug/mlm
22) T n-Tetracontane (C40)	21.872	1806523	18.923 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 2 Sample Multiplier: 1

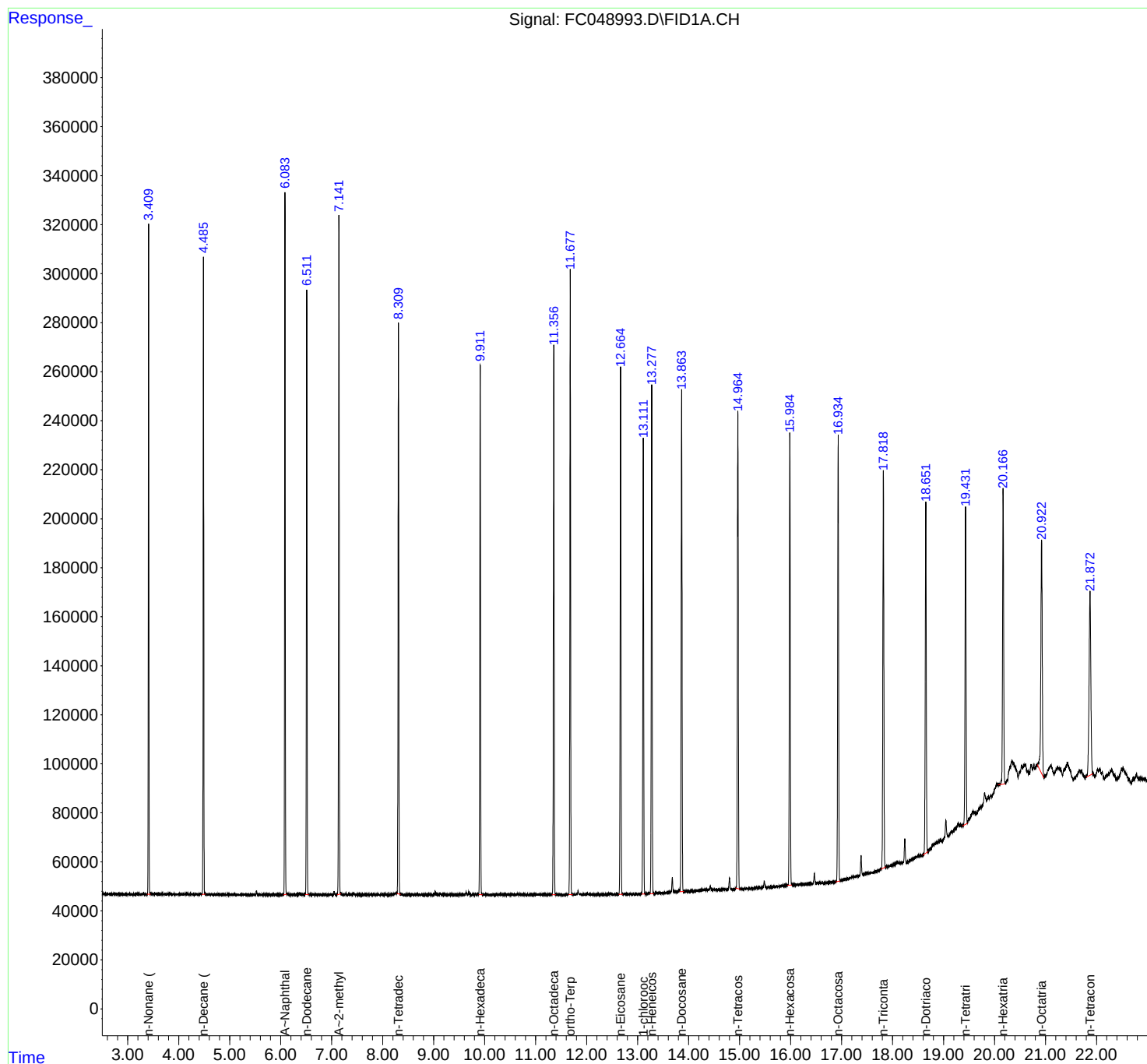
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

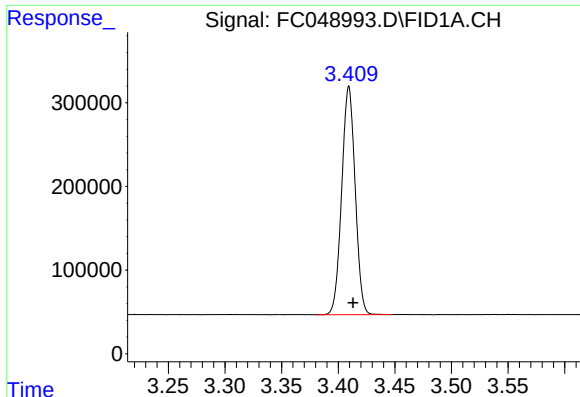
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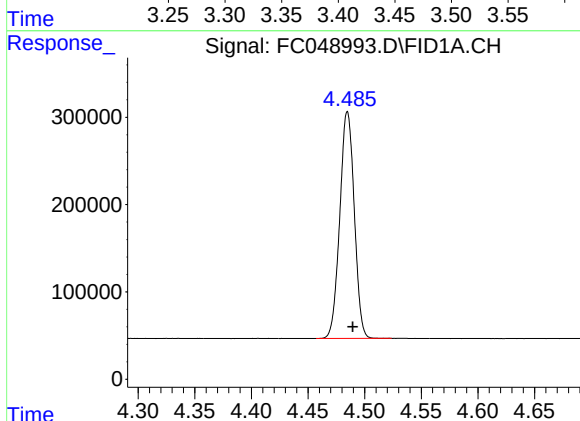
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.004 min
Response: 2257468
Conc: 21.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

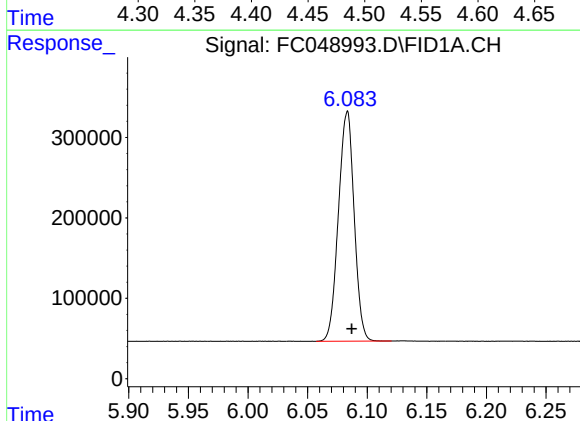
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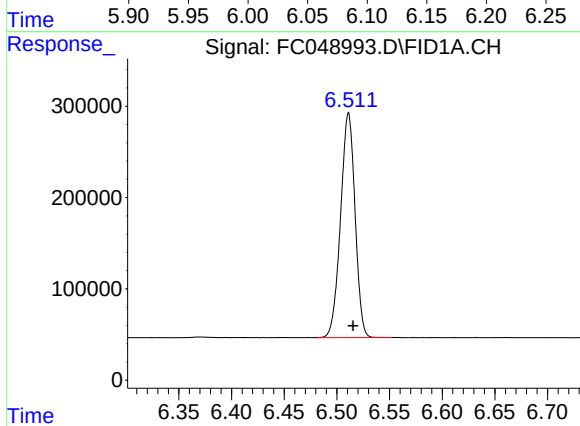
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.005 min
Response: 2312467
Conc: 22.05 ug/ml



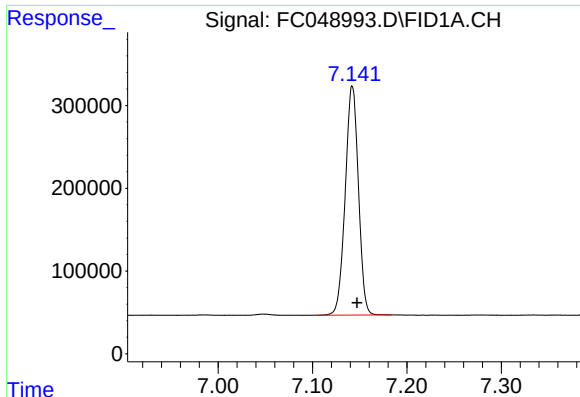
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 2628906
Conc: 22.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.511 min
Delta R.T.: -0.004 min
Response: 2356644
Conc: 22.22 ug/ml



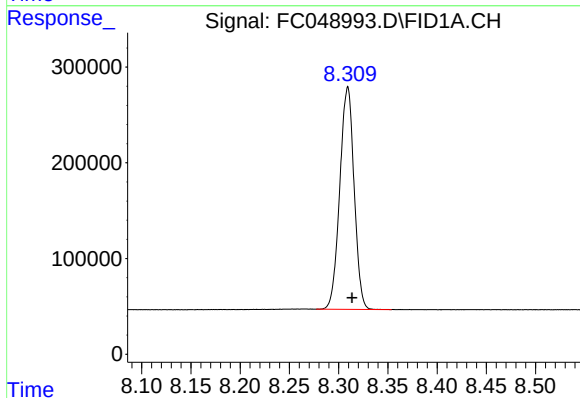
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.142 min
Delta R.T.: -0.005 min
Response: 2693164
Conc: 22.34 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

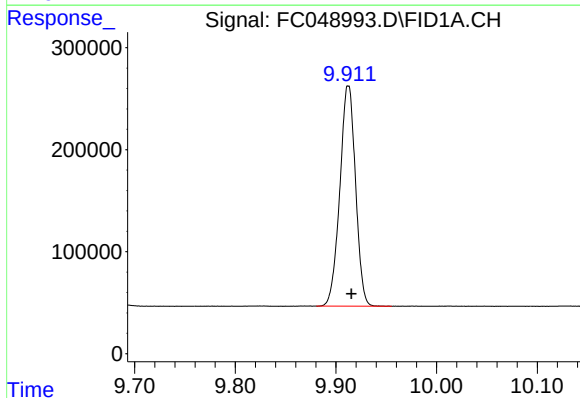
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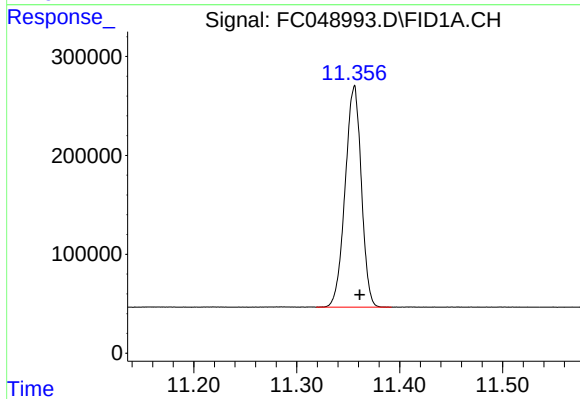
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: -0.004 min
Response: 2353080
Conc: 22.34 ug/ml



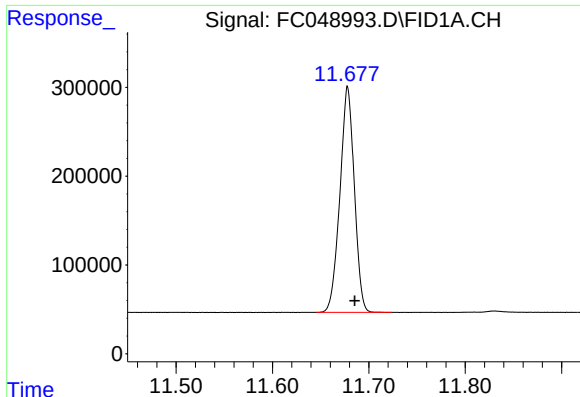
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.003 min
Response: 2341713
Conc: 22.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: -0.005 min
Response: 2446293
Conc: 22.27 ug/ml



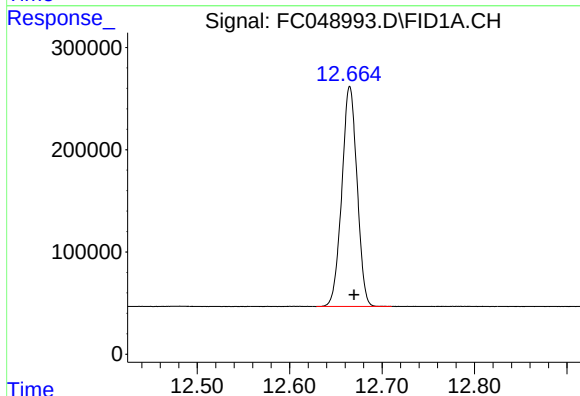
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.007 min
Response: 2635098
Conc: 22.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

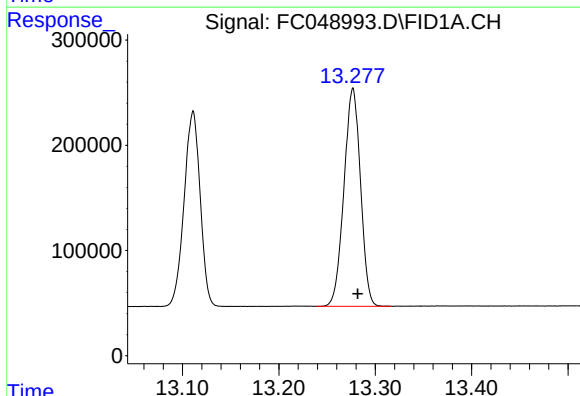
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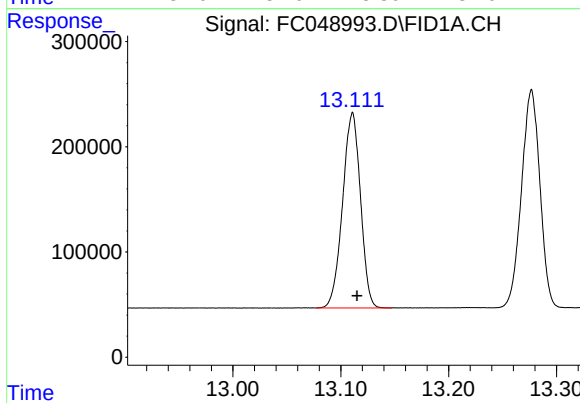
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.005 min
Response: 2467001
Conc: 22.17 ug/ml



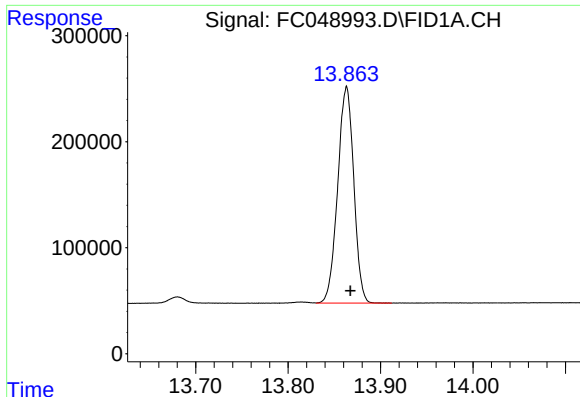
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: -0.005 min
Response: 2463937
Conc: 22.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.111 min
Delta R.T.: -0.004 min
Response: 2139227
Conc: 21.99 ug/ml



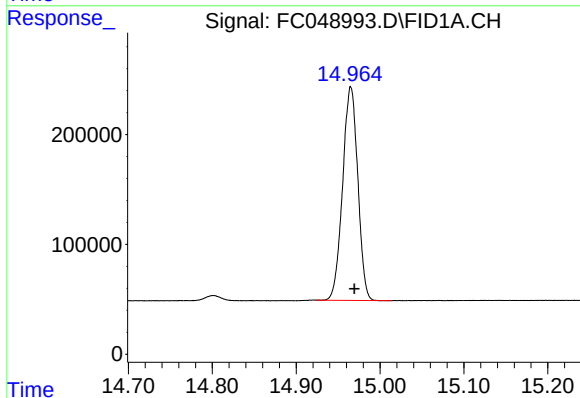
#13 n-Docosane (C22)

R.T.: 13.863 min
Delta R.T.: -0.004 min
Response: 2468833
Conc: 21.96 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

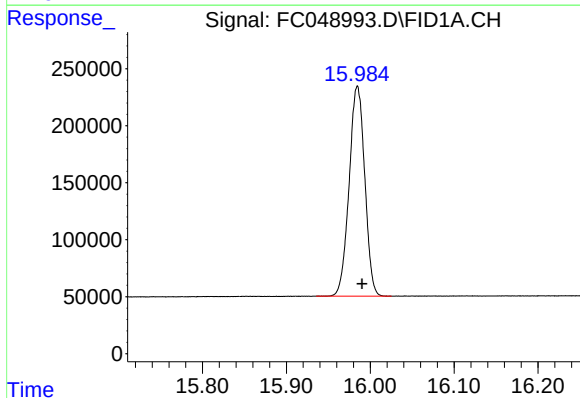
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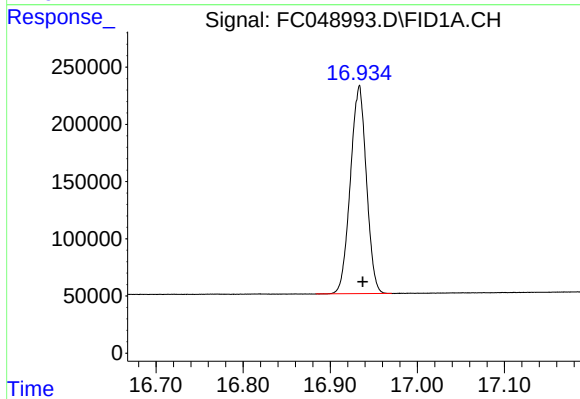
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.004 min
Response: 2445701
Conc: 21.51 ug/ml



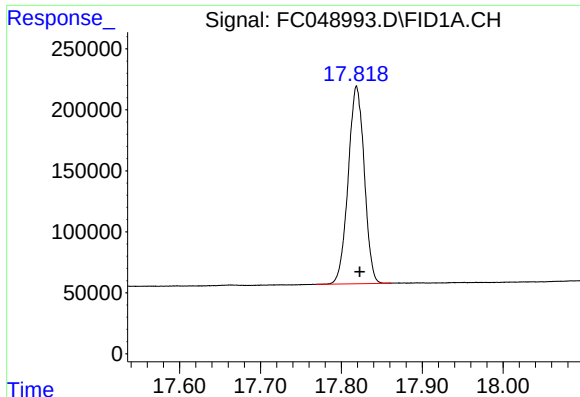
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: -0.006 min
Response: 2383561
Conc: 20.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.933 min
Delta R.T.: -0.004 min
Response: 2322110
Conc: 19.96 ug/ml



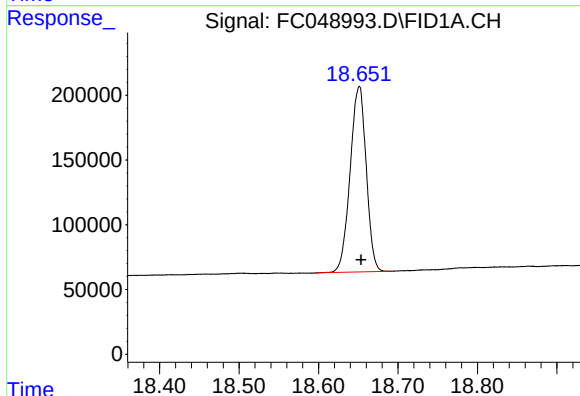
#17 n-Tricontane (C30)

R.T.: 17.819 min
Delta R.T.: -0.004 min
Response: 2234516
Conc: 19.33 ug/ml

Instrument :
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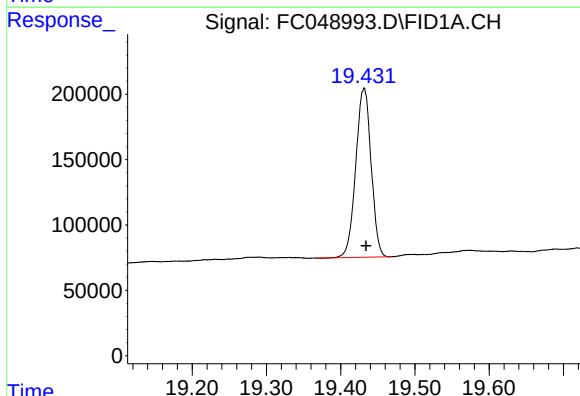
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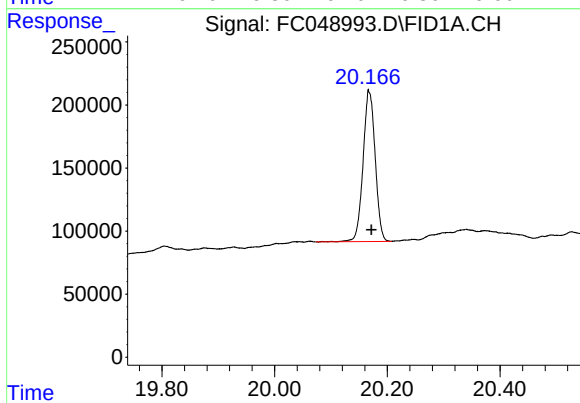
#18 n-Dotriacontane (C32)

R.T.: 18.651 min
Delta R.T.: -0.002 min
Response: 2017177
Conc: 18.66 ug/ml



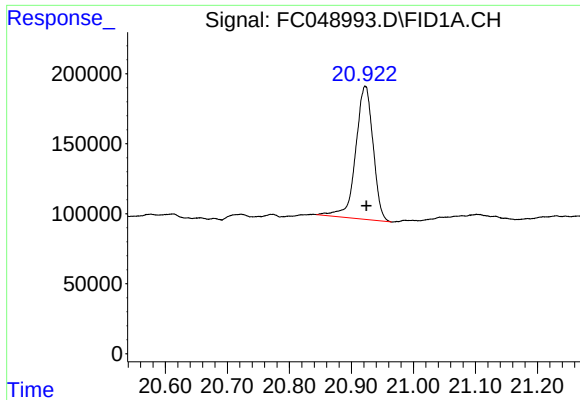
#19 n-Tetratriacontane (C34)

R.T.: 19.432 min
Delta R.T.: -0.003 min
Response: 1854376
Conc: 17.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.168 min
Delta R.T.: -0.004 min
Response: 1785670
Conc: 17.96 ug/ml



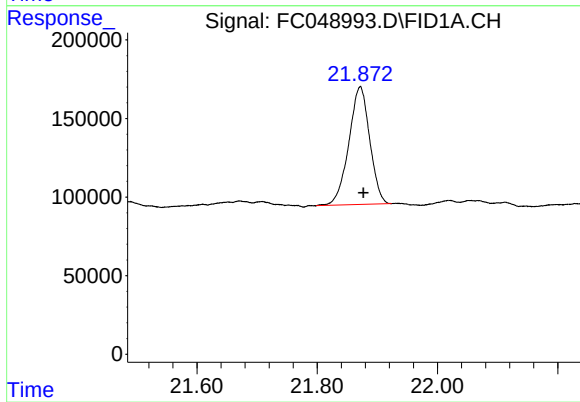
#21 n-Octatriacontane (C38)

R.T.: 20.922 min
Delta R.T.: -0.003 min
Response: 1851592
Conc: 19.58 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.872 min
Delta R.T.: -0.005 min
Response: 1806523
Conc: 18.92 ug/ml m