

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060920AL\
 Data File : FC047785.D
 Signal(s) : FID1A.CH
 Acq On : 09 Jun 2020 19:11
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Sohil
 6/10/2020 2:22:42 PM

Integration File: autoint1.e
 Quant Time: Jun 10 04:18:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 04:16:56 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)	11.730	1106423	8.933 ug/ml
Spiked Amount 50.000		Recovery =	17.87%
12) S 1-chlorooctadecane (S...	13.144	904000	8.893 ug/ml
Spiked Amount 50.000		Recovery =	17.79%
Target Compounds			
1) T n-Nonane (C9)	3.543	896898	8.601 ug/ml
2) T n-Decane (C10)	4.606	897705	8.559 ug/ml
3) T A~Naphthalene (C11.7)	6.211	805974	7.723 ug/mlm
4) T n-Dodecane (C12)	6.605	947278	8.722 ug/ml
5) T A~2-methylnaphthalene...	7.259	790535	7.425 ug/mlm
6) T n-Tetradecane (C14)	8.382	957398	8.763 ug/ml
7) T n-Hexadecane (C16)	9.968	953402	8.766 ug/ml
8) T n-Octadecane (C18)	11.396	1023547	8.879 ug/ml
10) T n-Eicosane (C20)	12.696	1052692	8.966 ug/ml
11) T n-Heneicosane (C21)	13.303	1066170	9.018 ug/ml
13) T n-Docosane (C22)	13.886	1068149	9.041 ug/ml
14) T n-Tetracosane (C24)	14.982	1073078	9.040 ug/ml
15) T n-Hexacosane (C26)	15.996	1069871	9.078 ug/ml
16) T n-Octacosane (C28)	16.940	1070816	9.138 ug/ml
17) T n-Tricontane (C30)	17.823	1041252	9.230 ug/ml
18) T n-Dotriacontane (C32)	18.649	946434	9.269 ug/ml
19) T n-Tetratriacontane (C34)	19.428	874085	9.239 ug/ml
20) T n-Hexatriacontane (C36)	20.161	821525	9.270 ug/ml
21) T n-Octatriacontane (C38)	20.913	756486	9.151 ug/ml
22) T n-Tetracontane (C40)	21.855	745488	9.087 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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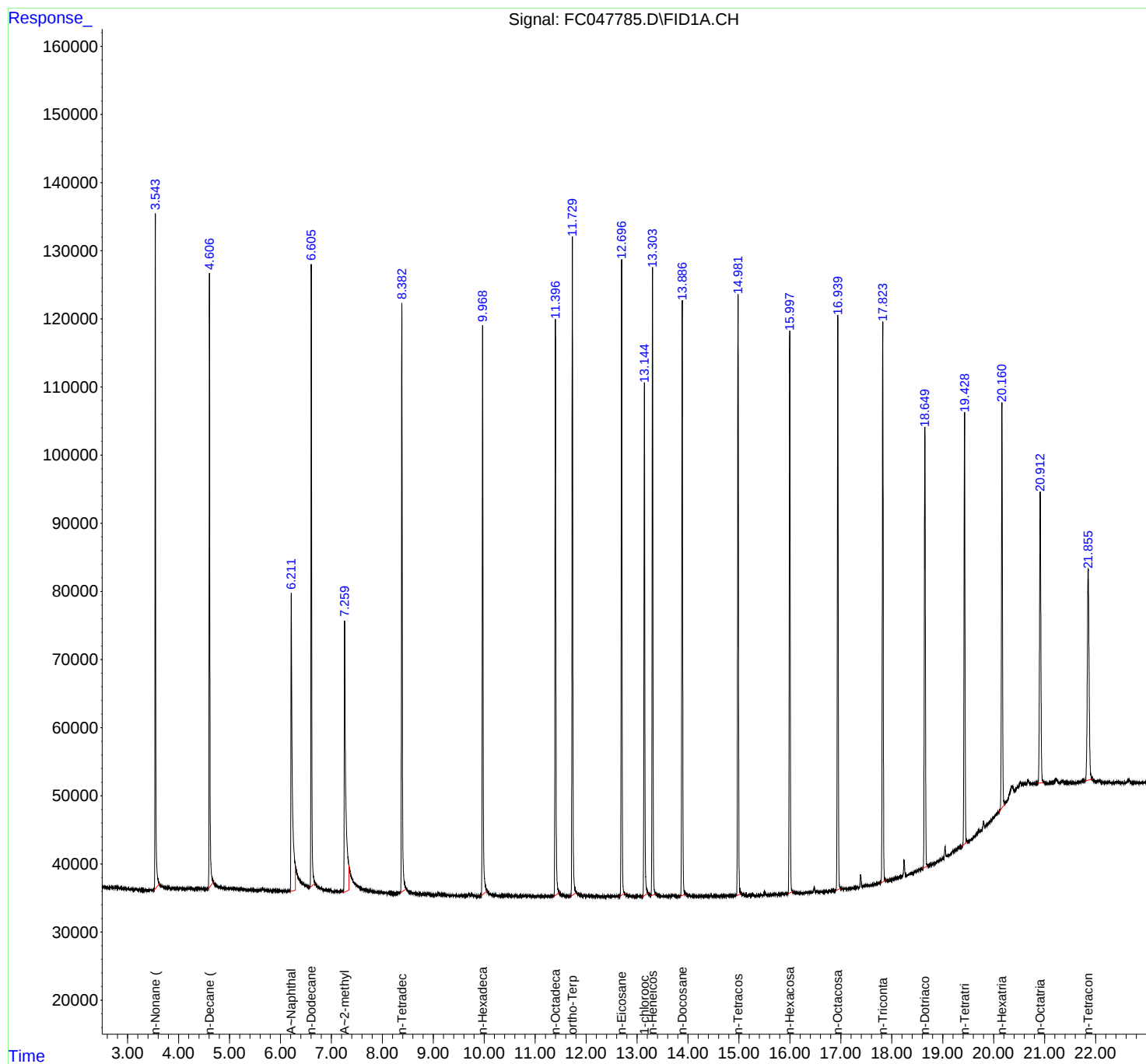
Instrument :
FID_C
ClientSampled :
10 PPM ALIPHATIC HC STD4

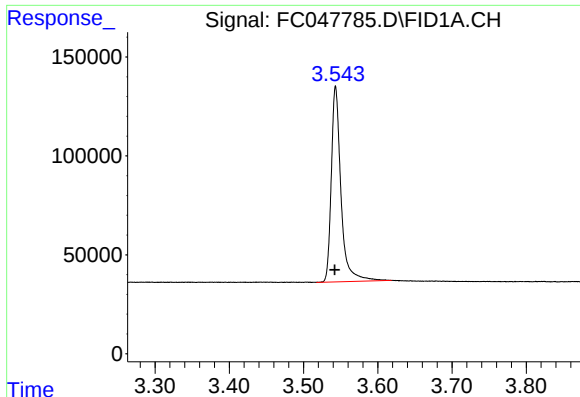
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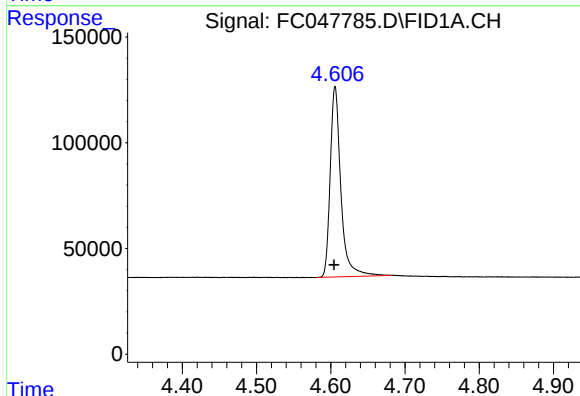
#1 n-Nonane (C9)

R.T.: 3.543 min
Delta R.T.: 0.001 min
Response: 896898
Conc: 8.60 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

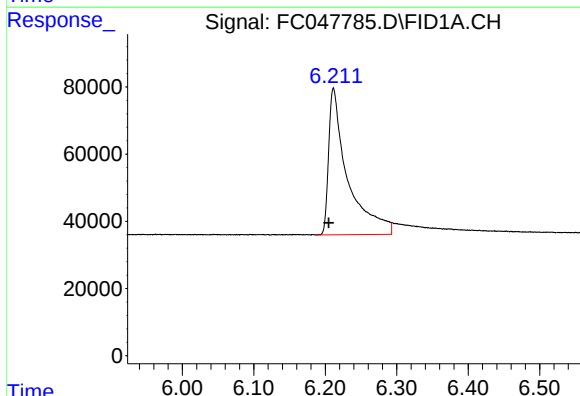
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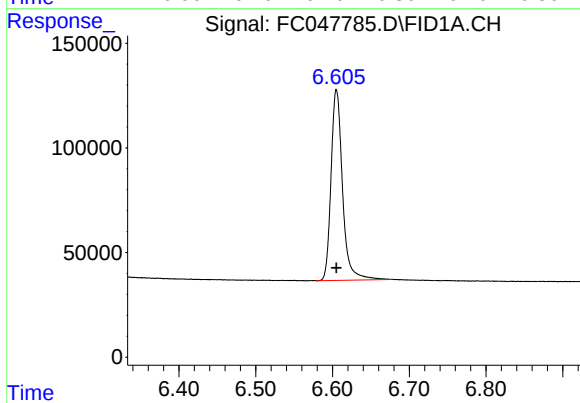
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.002 min
Response: 897705
Conc: 8.56 ug/ml



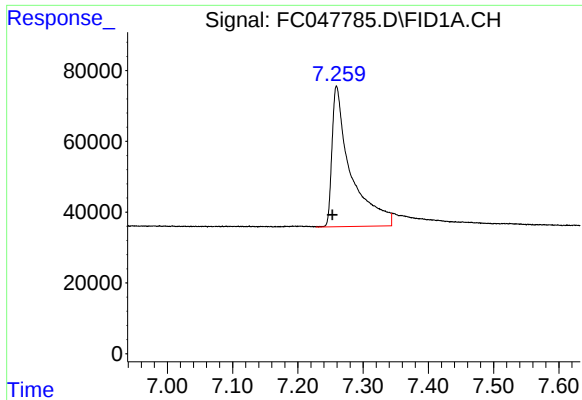
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: 0.007 min
Response: 805974
Conc: 7.72 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 947278
Conc: 8.72 ug/ml



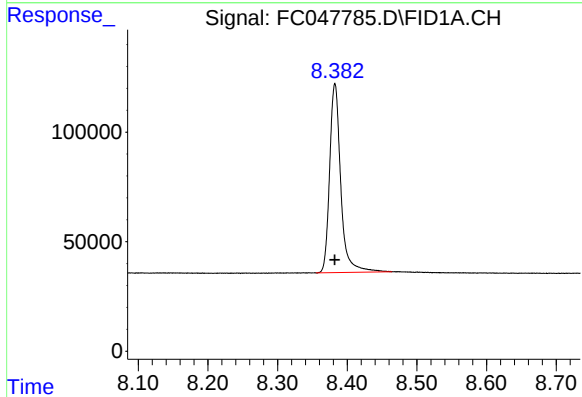
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.259 min
Delta R.T.: 0.006 min
Response: 790535
Conc: 7.42 ug/ml m

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10 PPM ALIPHATIC HC STD4

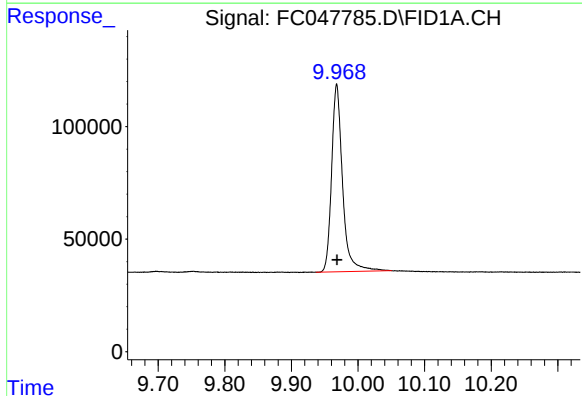
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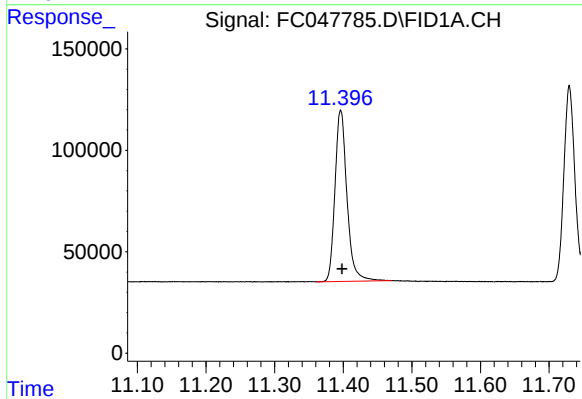
#6 n-Tetradecane (C14)

R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 957398
Conc: 8.76 ug/ml



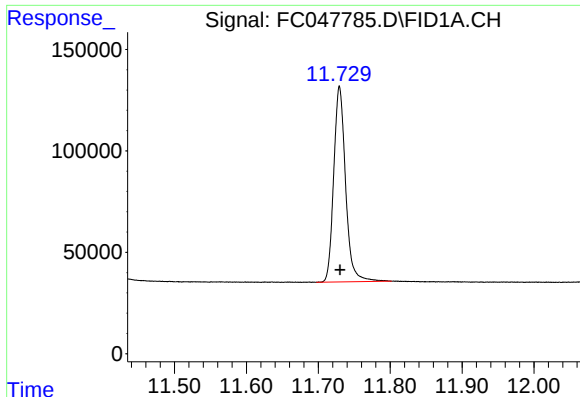
#7 n-Hexadecane (C16)

R.T.: 9.968 min
Delta R.T.: 0.000 min
Response: 953402
Conc: 8.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.396 min
Delta R.T.: -0.002 min
Response: 1023547
Conc: 8.88 ug/ml



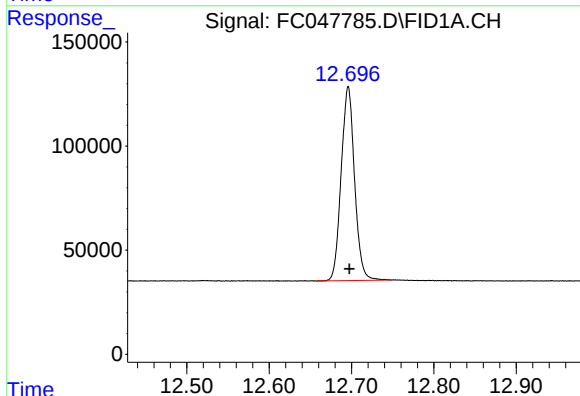
#9 ortho-Terphenyl (SURR)

R.T.: 11.730 min
Delta R.T.: 0.000 min
Response: 1106423
Conc: 8.93 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4

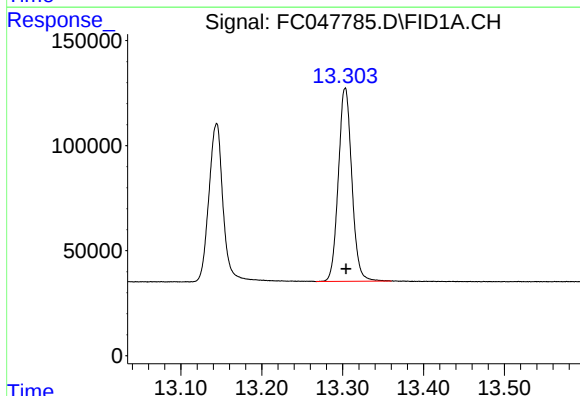
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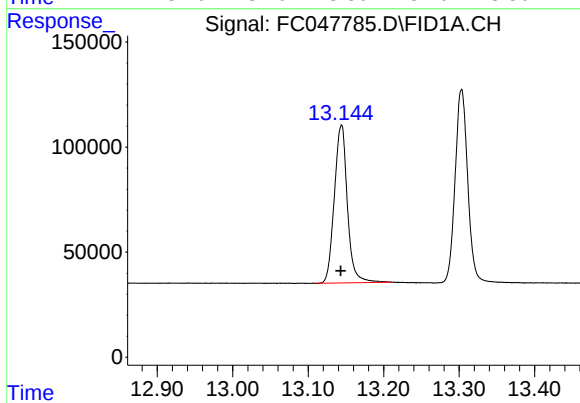
#10 n-Eicosane (C20)

R.T.: 12.696 min
Delta R.T.: -0.001 min
Response: 1052692
Conc: 8.97 ug/ml



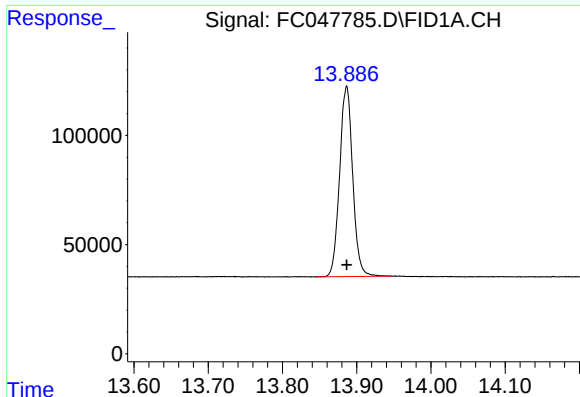
#11 n-Heneicosane (C21)

R.T.: 13.303 min
Delta R.T.: -0.001 min
Response: 1066170
Conc: 9.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.144 min
Delta R.T.: 0.000 min
Response: 904000
Conc: 8.89 ug/ml



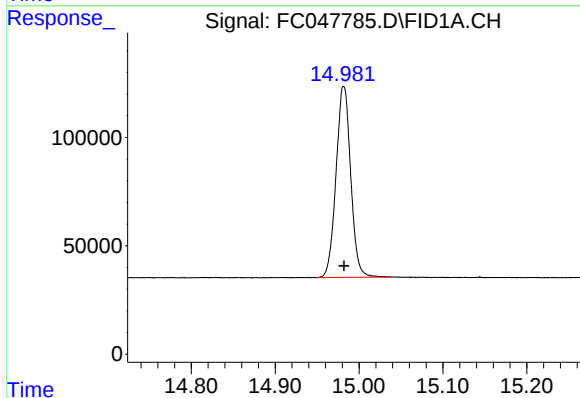
#13 n-Docosane (C22)

R.T.: 13.886 min
Delta R.T.: 0.000 min
Response: 1068149
Conc: 9.04 ug/ml

Instrument :
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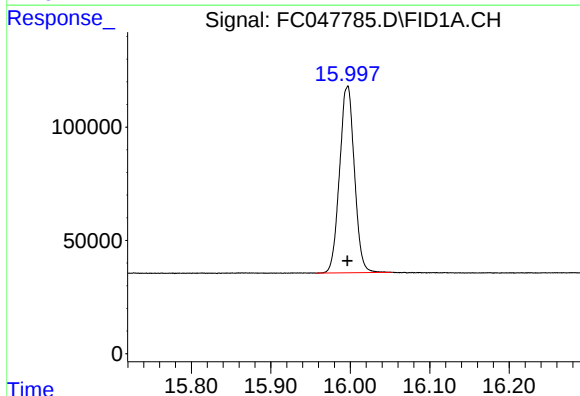
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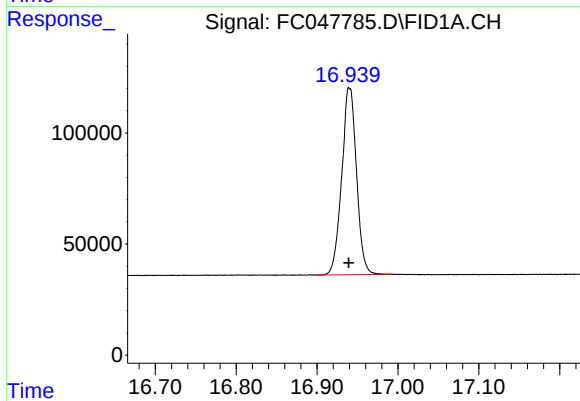
#14 n-Tetracosane (C24)

R.T.: 14.982 min
Delta R.T.: 0.000 min
Response: 1073078
Conc: 9.04 ug/ml



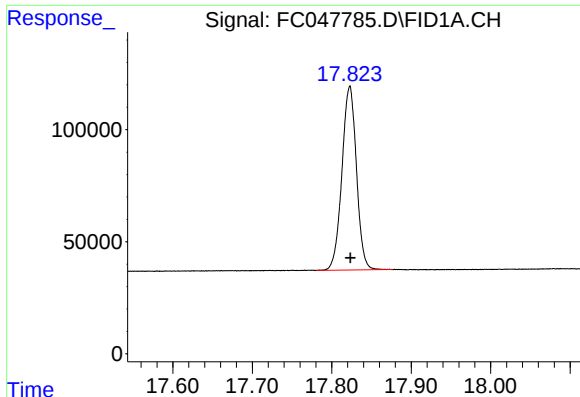
#15 n-Hexacosane (C26)

R.T.: 15.996 min
Delta R.T.: 0.000 min
Response: 1069871
Conc: 9.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.940 min
Delta R.T.: 0.000 min
Response: 1070816
Conc: 9.14 ug/ml



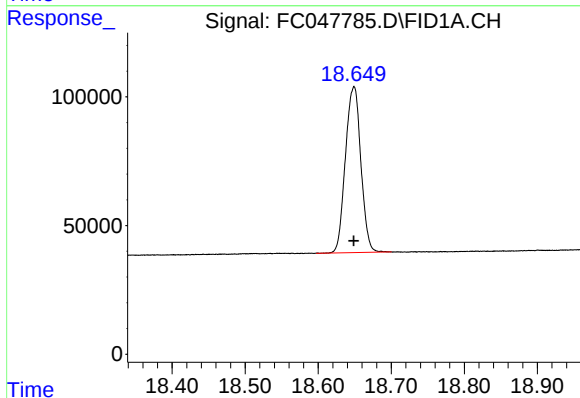
#17 n-Tricontane (C30)

R.T.: 17.823 min
Delta R.T.: 0.000 min
Response: 1041252
Conc: 9.23 ug/ml

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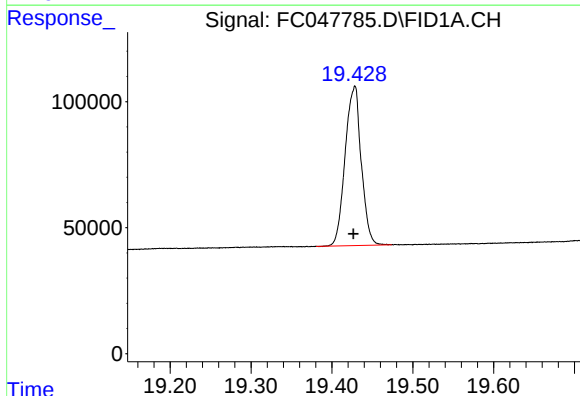
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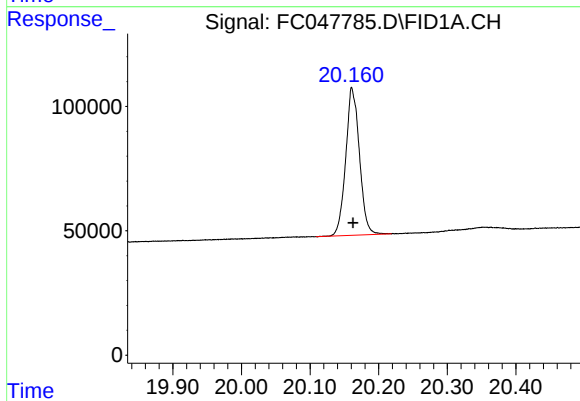
#18 n-Dotriacontane (C32)

R.T.: 18.649 min
Delta R.T.: 0.000 min
Response: 946434
Conc: 9.27 ug/ml



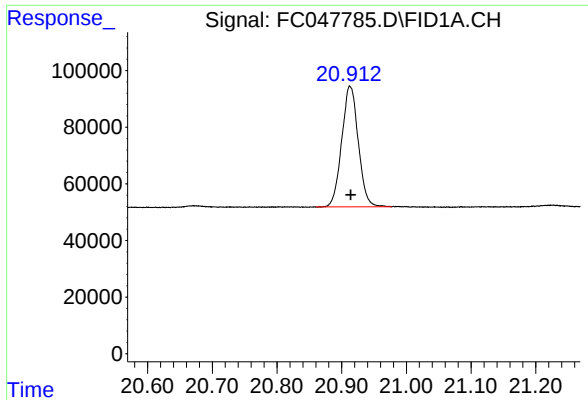
#19 n-Tetratriacontane (C34)

R.T.: 19.428 min
Delta R.T.: 0.002 min
Response: 874085
Conc: 9.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.161 min
Delta R.T.: -0.001 min
Response: 821525
Conc: 9.27 ug/ml



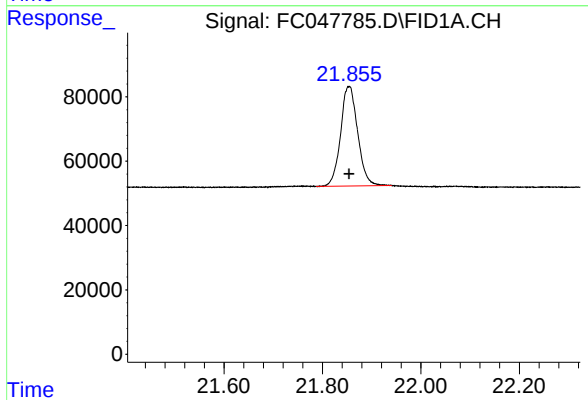
#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: -0.001 min
Response: 756486
Conc: 9.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.855 min
Delta R.T.: 0.000 min
Response: 745488
Conc: 9.09 ug/ml